UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

October 17 , 2011

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

FROM: Marvelyn Humphrey, ESAT Regional Project Officer
Environmental Services Branch (6MD-H)

TO: Vincent Malott, Superfund Project Manager (6SF-RA)

Site : **WEST CR 112 GROUND WATER**

Case#: **41679**

SDG#: **MF4T31**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2140.

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ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: October 14, 2011

TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA

FROM: Sonya Meekins, Data Reviewer, ESAT

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGJ

SUBJECT: CLP Data Review

Contract No.:	EP-W-06-030
TO No.:	024
Task/Sub-Task:	2-12
ESAT Doc. No.:	A024-212-0096
TDF No.:	6-10-653A
ESAT File No.:	I-0439

Attached is the data review summary for Case # 41679
SDG # MF4T31
Site West CR 112 Ground Water

COMMENTS:

I. LEVEL OF DATA REVIEW

Modified CADRE review was performed for this data package.

II. CONTRACTUAL ASSESSMENT OF THE DATA PACKAGE

The CCS found the data package contractually compliant.

III. TECHNICAL USABILITY ASSESSMENT OF THE DATA PACKAGE

Some results were qualified for technical problems. The significant problem is addressed below.

Laboratory blank readings caused 3 chromium and 10 lead results to be qualified.

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INORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	41679	SITE	West CR 112 Ground Water
LABORATORY	DATAC	NO. OF SAMPLES	20
CONTRACT#	EP-W-09-036	MATRIX	Water
SDG#	MF4T31	REVIEWER (IF NOT ESB)	ESAT
SOW#	ISM01.2	REVIEWER'S NAME	Sonya Meekins
SF#	302DD2CA6R6	COMPLETION DATE	October 14, 2011

SAMPLE NO.					
	MF4T31	MF4T67	MF4T83	MF4T87	MF4T98
	MF4T32	MF4T68	MF4T84	MF4T88	MF4TA1
	MF4T65	MF4T73	MF4T85	MF4T89	MF4TA2
	MF4T66	MF4T74	MF4T86	MF4T90	MF4TB4

DATA ASSESSMENT SUMMARY

		ICP
1.	HOLDING TIMES	O
2.	CALIBRATIONS	O
3.	BLANKS	M
4.	MATRIX SPIKES	O
5.	DUPLICATE ANALYSIS	O
6.	ICP QC	M
7.	LCS	O
8.	SAMPLE VERIFICATION	O
9.	OTHER QC	N/A
10.	OVERALL ASSESSMENT	M

O = Data had no problems.
M = Data qualified due to major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

ACTION ITEMS:

AREAS OF CONCERN: Laboratory blank readings caused the qualification of some chromium, copper, lead, manganese, nickel, and zinc results. The nickel serial dilution difference was above the QC limit.

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 41679 SDG MF4T31 SITE West CR 112 Ground Water LAB DATAC

COMMENTS: This SDG consisted of 20 water samples for total metals (by ICP-MS) analysis following SOW ISM01.2. The sampler designated sample MF4T66 for laboratory QC analyses.

The target analyte of concern was chromium with a desired detection limit of 2 ug/L. All samples met the user's desired detection limit criteria. Chromium was reported at concentrations over the user's desired detection limit for samples MF4T31, MF4T65, MF4T68, MF4T73, MF4T74, MF4T83, and MF4T84. However, the chromium concentrations in samples MF4T31, MF4T65, and MF4T74 were due to laboratory blank readings. All samples were diluted up to 3X because of high calcium and sodium concentrations.

Modified CADRE Review was performed for this package as requested by the Region. For this review option, the CCS and CADRE primarily determine the laboratory contractual compliance and the technical usability of the sample results, respectively. The reviewer performs supplemental hardcopy forms checking and applies Region 6 guidelines, where necessary, to account for known limitations of the electronic review process. Therefore, the reviewer's final assessments may deviate from those found in the CADRE report. The CADRE narrative for the SDG is attached to this report as an addendum for additional information.

DATA ASSESSMENT: The QC problems affecting data usability are addressed below.

- Because of laboratory blank readings, the reviewer qualified the following results above the CRQLs as undetected ("U"), and the reported concentrations should be used as raised quantitation limits ("C"):

  chromium for samples MF4T31, MF4T68, and MF4T74;

  copper for samples MF4T66 and MF4TA1;

  lead for samples MF4T67, MF4T73, MF4T74, MF4T86, and MF4TB4;

  manganese for samples MF4T83 and MF4TA2;

  nickel for samples MF4T65, MF4T66, MF4T73, MF4T74, MF4T83, MF4T84, MF4T86, MF4T98, MF4TA1, and MF4TB4; and

  zinc for samples MF4T66 and MF4TA1.

- Because of laboratory blank readings, the reviewer qualified the following results above the CRQLs as estimated and biased high:

  copper for sample MF4TB4;

  lead for samples MF4T31, MF4T32, MF4T85, MF4T88, and MF4T90; and

nickel for samples MF4T31, MF4T32, MF4T68, MF4T85, MF4T87, MF4T88, and MF4T89.

- As a result of laboratory blank readings, all results below the CRQLs for the following analytes should be considered undetected and were flagged "U" at the CRQLs on the DST: antimony, beryllium, cadmium, chromium, cobalt, copper, lead, manganese, silver, thallium, vanadium, and zinc.

- The reviewer qualified the nickel results as estimated because the associated serial dilution difference exceeded the QC limit.

OVERALL ASSESSMENT: Some results were qualified for all samples because of problems with laboratory blank readings and/or a serial dilution difference. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist. The DST included in this report is the final version.

INORGANIC ACRONYMS

CADRE	Computer-Aided Data Review and Evaluation
CCB	Continuing Calibration Blank
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CN	Cyanide
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DST	Data Summary Table
HG	Mercury
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma
ICP-AES	Inductively Coupled Plasma-Atomic Emission Spectroscopy
ICP-MS	Inductively Coupled Plasma-Mass Spectrometry
ICS	Interference Check Sample
ICV	Initial Calibration Verification
LCS	Laboratory Control Sample
MDL	Method Detection Limit
NFG	National Functional Guidelines
PE	Performance Evaluation
%D	Percent Difference
%R	Percent Recovery
%RI	Percent Relative Intensity
%RSD	Percent Relative Standard Deviation
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RPD	Relative Percent Difference
RSCC	Regional Sample Control Center
SDG	Sample Delivery Group
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
TAL	Target Analyte List

HEADER DEFINITIONS FOR INORGANIC EXCEL DST

CASE:	Case Number
SDG:	SDG Number
EPASAMP:	EPA Sample Number
LABID:	Laboratory File/Sample ID
MATRIX:	Sample Matrix
QCCOD:	Sample QC Code
SMPQUAL:	Sample Qualifier
ANDATE:	Sample Analysis Date
ANTIME:	Sample Analysis Time
CASNUM:	Compound CAS Number
ANALYTE:	Compound Name
CONC:	Compound Concentration
VALDQAL:	Region 6 Inorganic Data Validation Qualifier (see Inorganic Data Qualifier Definitions on the next page)
UNITS:	Concentration Units
ADJCRQL:	Adjusted Contract Required Quantitation Limit Value
SMPDATE:	Sampling Date
PRPDATE:	Sample Preparation Date
LRDATE:	Laboratory Receipt Date
LEVEL:	Sample Level
PERSOLD:	Sample Percent Solids
SMPWTVL:	Sample Weight (Soil Samples)/Initial Sample Volume (Water Samples)
FINLVOL:	Final Sample Volume
METHOD:	Method of Analysis
STATLOC:	Station Location

Disclaimer: **ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, ADJCRQL, VALDQAL, and PERSOLD. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.**

INORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

U Not detected at reported quantitation limit.

L Reported concentration is between the MDL and the CRQL.

J Result is estimated because of outlying quality control parameters such as matrix spike, serial dilution, etc., or the result is below the CRQL.

R Result is unusable.

F A possibility of a false negative exists.

UC Reported concentration should be used as a raised quantitation limit because of blank effects and/or laboratory or field contamination.

+ High biased. Actual concentration may be lower than the concentration reported.

- Low biased. Actual concentration may be higher than the concentration reported.

W The result should be used with caution. The result was reported on a dry weight basis although the sample did not conform to the EPA Office of Water definition of a soil sample because of its high water content (>70% moisture).

CASE	SDG	EPASAMP	LABID	MATRIX	QCCODE	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDC	UNITS	ADJCR	SMPDATE	PRPDATE	LRDATE	LEVEL	PERSOLD	SMPWTVL	FINVOL	METHOI	STATLOC
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/14/2011	15:20:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440382	Arsenic	7.7		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440393	Barium	42.7		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/14/2011	15:20:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/14/2011	16:40:00	7440702	Calcium	216000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440473	Chromium	3.9	UC	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440508	Copper	21.3		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7439896	Iron	1590		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7439921	Lead	3.9	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/14/2011	15:20:00	7439954	Magnesium	53100		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440020	Nickel	3.7	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/14/2011	15:20:00	7440097	Potassium	9790		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7782492	Selenium	13.5		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/14/2011	16:40:00	7440235	Sodium	256000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440622	Vanadium	41.7		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440666	Zinc	24.0		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/14/2011	15:23:00	7429905	Aluminum	4.7	LJ	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440382	Arsenic	7.9		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440393	Barium	42.1		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/14/2011	15:23:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/14/2011	16:43:00	7440702	Calcium	212000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440508	Copper	39.1		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7439896	Iron	1530		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7439921	Lead	4.0	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/14/2011	15:23:00	7439954	Magnesium	53200		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440020	Nickel	3.8	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/14/2011	15:23:00	7440097	Potassium	9860		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7782492	Selenium	12.9		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/14/2011	16:43:00	7440235	Sodium	252000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440666	Zinc	49.7		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/14/2011	15:26:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440382	Arsenic	10.7		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440393	Barium	72.5		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/14/2011	15:26:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/14/2011	16:46:00	7440702	Calcium	176000		ug/L	1000	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440473	Chromium	201		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440508	Copper	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7439896	Iron	1240		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7439921	Lead	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/14/2011	15:26:00	7439954	Magnesium	54400		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440020	Nickel	3.0	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/14/2011	15:26:00	7440097	Potassium	3960		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7782492	Selenium	15.8		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/14/2011	16:46:00	7440235	Sodium	158000		ug/L	1000	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440622	Vanadium	37.6		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B

41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440666	Zinc	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/14/2011	15:29:00	7429905	Aluminum	3.1	LJ	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440382	Arsenic	10.4		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440393	Barium	70.2		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/14/2011	15:29:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/14/2011	16:49:00	7440702	Calcium	173000		ug/L	1000	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440508	Copper	2.7	UC	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7439896	Iron	1310		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7439921	Lead	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/14/2011	15:29:00	7439954	Magnesium	52500		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440020	Nickel	3.1	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/14/2011	15:29:00	7440097	Potassium	3810		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7782492	Selenium	13.8		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/14/2011	16:49:00	7440235	Sodium	156000		ug/L	1000	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440622	Vanadium	24.4		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440666	Zinc	2.9	UC	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/14/2011	15:41:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440382	Arsenic	10.8		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440393	Barium	55.4		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/14/2011	15:41:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/14/2011	17:01:00	7440702	Calcium	178000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440508	Copper	9.9		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7439896	Iron	1310		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7439921	Lead	2.0	UC	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/14/2011	15:41:00	7439954	Magnesium	54600		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440020	Nickel	5.0	J	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/14/2011	15:41:00	7440097	Potassium	6880		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7782492	Selenium	17.7		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/14/2011	17:01:00	7440235	Sodium	230000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440622	Vanadium	16.7		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440666	Zinc	21.7		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/14/2011	15:44:00	7429905	Aluminum	8.8	LJ	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440382	Arsenic	8.7		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440393	Barium	54.7		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/14/2011	15:44:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/14/2011	17:04:00	7440702	Calcium	184000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440473	Chromium	3.9	UC	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440508	Copper	15.5		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7439896	Iron	1270		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7439921	Lead	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/14/2011	15:44:00	7439954	Magnesium	55900		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440020	Nickel	4.5	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/14/2011	15:44:00	7440097	Potassium	6970		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7782492	Selenium	15.4		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/14/2011	17:04:00	7440235	Sodium	237000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C

41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440666	Zinc	18.1		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/14/2011	15:48:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440382	Arsenic	6.5		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440393	Barium	42.2		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/14/2011	15:48:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/14/2011	17:07:00	7440702	Calcium	219000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440473	Chromium	117		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440508	Copper	16.1		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7439896	Iron	1550		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7439921	Lead	3.0	UC	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/14/2011	15:48:00	7439954	Magnesium	38800		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440020	Nickel	3.3	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/14/2011	15:48:00	7440097	Potassium	7310		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7782492	Selenium	11.9		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/14/2011	17:07:00	7440235	Sodium	185000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440622	Vanadium	26.0		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440666	Zinc	27.0		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/14/2011	15:51:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440382	Arsenic	6.3		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440393	Barium	41.0		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/14/2011	15:51:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/14/2011	17:10:00	7440702	Calcium	213000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440473	Chromium	2.2	UC	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440508	Copper	43.5		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7439896	Iron	1500		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7439921	Lead	2.7	UC	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/14/2011	15:51:00	7439954	Magnesium	37500		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440020	Nickel	3.5	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/14/2011	15:51:00	7440097	Potassium	7110		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7782492	Selenium	12.4		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/14/2011	17:10:00	7440235	Sodium	182000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440666	Zinc	62.5		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/14/2011	15:54:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440382	Arsenic	7.1		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440393	Barium	21.7		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/14/2011	15:54:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/14/2011	17:14:00	7440702	Calcium	247000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440473	Chromium	127		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440508	Copper	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7439896	Iron	1680		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7439921	Lead	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/14/2011	15:54:00	7439954	Magnesium	51700		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7439965	Manganese	1.2	UC	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440020	Nickel	3.1	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/14/2011	15:54:00	7440097	Potassium	8330		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7782492	Selenium	18.2		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/14/2011	17:14:00	7440235	Sodium	223000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440622	Vanadium	27.0		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B

41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440666	Zinc	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/14/2011	15:57:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440382	Arsenic	7.7		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440393	Barium	21.2		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/14/2011	15:57:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/14/2011	17:26:00	7440702	Calcium	250000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440473	Chromium	13.0		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440508	Copper	10.1		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7439896	Iron	1800		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7439921	Lead	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/14/2011	15:57:00	7439954	Magnesium	51400		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440020	Nickel	3.3	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/14/2011	15:57:00	7440097	Potassium	8360		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7782492	Selenium	19.6		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/14/2011	17:26:00	7440235	Sodium	228000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440622	Vanadium	25.8		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440666	Zinc	15.8		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/14/2011	16:00:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440382	Arsenic	7.3		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440393	Barium	22.7		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/14/2011	16:00:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/14/2011	17:20:00	7440702	Calcium	253000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440508	Copper	9.2		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7439896	Iron	1760		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7439921	Lead	4.3	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/14/2011	16:00:00	7439954	Magnesium	53800		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440020	Nickel	4.3	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/14/2011	16:00:00	7440097	Potassium	8610		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7782492	Selenium	19.4		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/14/2011	17:20:00	7440235	Sodium	241000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440666	Zinc	94.2		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/14/2011	16:03:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440382	Arsenic	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440393	Barium	23.4		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/14/2011	16:03:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/14/2011	17:23:00	7440702	Calcium	250000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440508	Copper	13.4		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7439896	Iron	1770		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7439921	Lead	1.8	UC	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/14/2011	16:03:00	7439954	Magnesium	53500		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440020	Nickel	3.5	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/14/2011	16:03:00	7440097	Potassium	8570		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7782492	Selenium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/14/2011	17:23:00	7440235	Sodium	240000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D

41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440666	Zinc	39.9		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/14/2011	16:06:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440382	Arsenic	7.2		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440393	Barium	22.4		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/14/2011	16:06:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/14/2011	17:17:00	7440702	Calcium	251000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440508	Copper	25.3		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7439896	Iron	1840		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7439921	Lead	7.0		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/14/2011	16:06:00	7439954	Magnesium	53600		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440020	Nickel	4.3	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/14/2011	16:06:00	7440097	Potassium	8430		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7782492	Selenium	18.5		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/14/2011	17:17:00	7440235	Sodium	240000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440666	Zinc	99.3		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/14/2011	16:09:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440382	Arsenic	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440393	Barium	24.5		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/14/2011	16:09:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/14/2011	17:29:00	7440702	Calcium	253000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440508	Copper	21.6		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7439896	Iron	2010		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7439921	Lead	4.7	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/14/2011	16:09:00	7439954	Magnesium	53400		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440020	Nickel	4.7	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/14/2011	16:09:00	7440097	Potassium	8690		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7782492	Selenium	0.29	LJ	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/14/2011	17:29:00	7440235	Sodium	244000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440666	Zinc	239		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/14/2011	16:12:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440382	Arsenic	7.5		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440393	Barium	23.6		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/14/2011	16:12:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/14/2011	17:32:00	7440702	Calcium	249000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440508	Copper	17.5		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7439896	Iron	1840		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7439921	Lead	8.9		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/14/2011	16:12:00	7439954	Magnesium	53300		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440020	Nickel	4.8	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/14/2011	16:12:00	7440097	Potassium	8540		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7782492	Selenium	18.5		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/14/2011	17:32:00	7440235	Sodium	236000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I

41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440666	Zinc	84.2		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/14/2011	16:15:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440382	Arsenic	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440393	Barium	24.3		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/14/2011	16:15:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/14/2011	17:35:00	7440702	Calcium	248000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440508	Copper	9.5		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7439896	Iron	2120		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7439921	Lead	3.9	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/14/2011	16:15:00	7439954	Magnesium	54500		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440020	Nickel	6.0	J	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/14/2011	16:15:00	7440097	Potassium	8690		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7782492	Selenium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/14/2011	17:35:00	7440235	Sodium	234000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440666	Zinc	218		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/14/2011	16:18:00	7429905	Aluminum	5.6	LJ	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440382	Arsenic	6.5		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440393	Barium	25.5		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/14/2011	16:18:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/14/2011	17:38:00	7440702	Calcium	151000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440508	Copper	74.2		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7439896	Iron	1130		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7439921	Lead	5.3		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/14/2011	16:18:00	7439954	Magnesium	28300		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440020	Nickel	3.0	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/14/2011	16:18:00	7440097	Potassium	6000		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7782492	Selenium	11.4		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/14/2011	17:38:00	7440235	Sodium	216000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440666	Zinc	76.5		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/14/2011	16:21:00	7429905	Aluminum	18.5	LJ	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440382	Arsenic	7.7		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440393	Barium	24.7		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/14/2011	16:21:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/14/2011	17:41:00	7440702	Calcium	213000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440508	Copper	3.0	UC	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7439896	Iron	1560		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7439921	Lead	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/14/2011	16:21:00	7439954	Magnesium	51200		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440020	Nickel	3.6	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/14/2011	16:21:00	7440097	Potassium	7690		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7782492	Selenium	15.4		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/14/2011	17:41:00	7440235	Sodium	232000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440622	Vanadium	5.1		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B

41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440666	Zinc	3.1	UC	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/14/2011	16:24:00	7429905	Aluminum	8.5	LJ	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440382	Arsenic	7.9		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440393	Barium	24.5		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/14/2011	16:24:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/14/2011	17:44:00	7440702	Calcium	215000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440508	Copper	179		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7439896	Iron	1710		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7439921	Lead	38.9		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/14/2011	16:24:00	7439954	Magnesium	51300		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7439965	Manganese	1.4	UC	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440020	Nickel	9.1	J	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/14/2011	16:24:00	7440097	Potassium	7710		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7782492	Selenium	16.5		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/14/2011	17:44:00	7440235	Sodium	231000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440666	Zinc	601		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/14/2011	16:27:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440382	Arsenic	6.5		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440393	Barium	25.0		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/14/2011	16:27:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/14/2011	17:47:00	7440702	Calcium	150000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440508	Copper	6.1	J+	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7439896	Iron	1130		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7439921	Lead	1.1	UC	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/14/2011	16:27:00	7439954	Magnesium	27900		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440020	Nickel	2.7	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/14/2011	16:27:00	7440097	Potassium	5970		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7782492	Selenium	11.0		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/14/2011	17:47:00	7440235	Sodium	211000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440666	Zinc	11.1		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 41679 SDG No. MF4T31 SDG Nos. To Follow Mod. Ref. No. Date Rec 09/16/11

EPA Lab ID: DATAC

Lab location: Salt Lake City, UT

Region: 6 Audit No.: 41679/MF4T31

Resubmitted CSF? Yes No X

Box No(s): 1

COMMENTS:

Other The laboratory did not complete the "no. of shipment" field on Form DC-2-2. The auditor entered the appropriate information.

Over for additional comments.

ORIGINALS	YES	NO	N/A
CUSTODY SEALS			
1. Present on package?	X		
2. Intact upon receipt?	X		
FORM DC-2			
3. Numbering scheme accurate?	X		
4. Are enclosed documents listed?	X		
5. Are listed documents enclosed?	X		
FORM DC-1			
6. Present?	X		
7. Complete?	X		
8. Accurate?	X		
TRAFFIC REPORT/CHAIN-OF-CUSTODY RECORD(s)			
9. Signed?	X		
10. Dated?	X		
AIRBILLS/AIRBILL STICKER			
11. Present?	X		
12. Signed?	X		
13. Dated?	X		
SAMPLE TAGS			
14. Does DC-1 list tags as being included?	X		
15. Present?	X		
OTHER DOCUMENTS			
16. Complete?	X		
17. Legible?	X		
18. Original?	X		
18a. If "NO", does the copy indicate where original documents are located?			X

Audited [signature] Sonya Meekins/ESAT Data Reviewer Date 10/06/2011

Audited Date

Signature Printed Name/Title

DC-2

EPA USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 41679 **R**
DAS No:

Region:	6
Project Code:	
Account Code:	
CERCLIS ID:	TXN000606992
Spill ID:	
Site Name/State:	West County Road 112 Groundwater/TX
Project Leader:	Vince Malott
Action:	Remedial Investigation
Sampling Co:	Shaw Environmental

Date Shipped:	8/24/2011
Carrier Name:	UPS
Airbill:	1Z66V0740195831679
Shipped to:	Datachem Laboratories, Inc. 960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 Casey Krause	8/24/11 1700		
2			
3			
4			

Sampler Signature:

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MF4T31	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	497391 (HNO3) (1)	GW-080 B	S: 8/24/2011 10:20		--
MF4T32	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	497392 (HNO3) (1)	GW-080 C	S: 8/24/2011 10:22		--
MF4T65	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480759 (HNO3) (1)	GW-104 B	S: 8/24/2011 11:57		--
MF4T66	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480760 (HNO3), 480761 (HNO3), 480762 (HNO3) (3)	GW-104 C	S: 8/24/2011 12:00		--
MF4T85	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480763 (HNO3) (1)	GW-176 C	S: 8/24/2011 13:30		--
MF4T86	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480764 (HNO3) (1)	GW-176 D	S: 8/24/2011 13:32		--
MF4T87	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480765 (HNO3) (1)	GW-176 F	S: 8/24/2011 13:34		--
MF4T88	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480766 (HNO3) (1)	GW-176 G	S: 8/24/2011 13:36		--
MF4T89	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480767 (HNO3) (1)	GW-176 I	S: 8/24/2011 13:38		--
MF4T90	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480768 (HNO3) (1)	GW-176 J	S: 8/24/2011 13:40		--
MF4T98	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497405 (HNO3) (1)	GW-259 C	S: 8/24/2011 12:34		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: MF4T66	Additional Sampler Signature(s): Casey Krause	Chain of Custody Seal Number:
Analysis Key: ISM01.2/ I = Total Metals	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TR Number: 6-550447253-082411-0007

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 41679 **R**
DAS No:

Region:	6	**Date Shipped:**	8/24/2011
Project Code:		**Carrier Name:**	UPS
Account Code:		**Airbill:**	1Z66V0740196366064
CERCLIS ID:	TXN000606992	**Shipped to:**	Datachem Laboratories, Inc. 960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700
Spill ID:			
Site Name/State:	West County Road 112 Groundwater/TX		
Project Leader:	Vince Malott		
Action:	Remedial Investigation		
Sampling Co:	Shaw Environmental		

Chain of Custody Record

Sampler Signature: [signature]

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 Casey Krause	8/24/11 17:00		
2			
3			
4			

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MF4T67	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497409 (HNO3) (1)	GW-105 B	S: 8/24/2011 15:12		--
MF4T68	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497410 (HNO3) (1)	GW-105 C	S: 8/24/2011 15:14		--
MF4T73	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497407 (HNO3) (1)	GW-126 B	S: 8/24/2011 14:00		--
MF4T74	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497408 (HNO3) (1)	GW-126 C	S: 8/24/2011 14:02		--
MF4T83	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	497397 (HNO3) (1)	GW-151 B	S: 8/24/2011 15:10		--
MF4T84	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	497398 (HNO3) (1)	GW-151 C	S: 8/24/2011 15:12		--
MF4TA1	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497412 (HNO3) (1)	GW-299 B	S: 8/24/2011 16:08		--
MF4TA2	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497413 (HNO3) (1)	GW-299 C	S: 8/24/2011 16:10		--
MF4TA3	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	409521 (HNO3) (1)	GW-313 B	S: 8/24/2011 14:30		--
MF4TA4	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	409522 (HNO3) (1)	GW-313 C	S: 8/24/2011 14:32		--
MF4TA5	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	409523 (HNO3) (1)	GW-313 E	S: 8/24/2011 14:34		--

Page 17 of 18

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): Casey Krause	Chain of Custody Seal Number:
Analysis Key: ISM01.2/ I = Total Metals	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TR Number: 6-550447253-082411-0008

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EPA USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 41679
DAS No:

R

Region:	6	Date Shipped:	8/24/2011
Project Code:		Carrier Name:	UPS
Account Code:		Airbill:	1Z66V0740195831679
CERCLIS ID:	TXN000606992	Shipped to:	Datachem Laboratories, Inc. 960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700
Spill ID:			
Site Name/State:	West County Road 112 Groundwater/TX		
Project Leader:	Vince Malott		
Action:	Remedial Investigation		
Sampling Co:	Shaw Environmental		

Chain of Custody Record

Sampler Signature:

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 Casey Krause	8/24/11 17:??		
2			
3			
4			

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MF4TB4	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497406 (HNO3) (1)	DUP-8	S: 8/24/2011 12:40		Field Duplicate

Box 18 of 18

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
	MF4T66	Casey Krause	
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____
ISM01.2/ I = Total Metals			

TR Number: 6-550447253-082411-0007

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

ADDENDUM

CADRE NARRATIVE

National Functional Guidelines Report #03

Lab DATAC(ALS Environmental) **SDG** MF4T31 **Case** 41679 **Contract** EPW09036 **Region** 6 **DDTID** 131669 **SOW** ISM01.2

Data Review Reports

Blanks

Blanks	ICP_MS
ND03	The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs.
	PBW, MF4T31, MF4T32, MF4T65, MF4T66, MF4T66D, MF4T66L, MF4T67, MF4T68, MF4T73, MF4T74, MF4T83, MF4T84, MF4T85, MF4T86, MF4T87, MF4T88, MF4T89, MF4T90, MF4T98, MF4TA1, MF4TA2, MF4TB4
	Sodium PBW
	Cobalt MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Antimony MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Cadmium MF4T90 , MF4TA2
	Magnesium PBW
	Silver MF4T32 , MF4T98 , MF4TA2
	Manganese MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TB4
	Lead PBW , MF4T66 , MF4T66D , MF4T66L , MF4T68 , MF4T83 , MF4T84 , MF4TA1
Blanks	**ICP_MS**
ND04	The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated at CRQLs.
	MF4T89, MF4T98, MF4TB4, PBW, MF4T32, MF4T66, MF4T66D, MF4T66L, MF4T67, MF4T85, MF4T86, MF4T87, MF4T88, MF4T90, MF4TA1, MF4TA2, MF4T83, MF4T68, MF4T84, MF4T31, MF4T65, MF4T73, MF4T74
	Vanadium MF4T89 , MF4T98 , MF4TB4
	Chromium PBW , MF4T32 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Potassium PBW
	Copper MF4T83
	Lead PBW , MF4T66 , MF4T66D , MF4T66L , MF4T68 , MF4T83 , MF4T84 , MF4TA1
	Sodium PBW
	Cobalt MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Beryllium PBW , MF4T31 , MF4T65
	Zinc MF4T65 , MF4T83
	Antimony MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Cadmium MF4T90 , MF4TA2
	Thallium PBW , MF4T83

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Data Review Reports

Blanks

Blanks	ICP_MS
	Magnesium PBW
	Manganese MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TB4
	Silver MF4T32 , MF4T98 , MF4TA2
Blanks	**ICP_MS**
ND05	The following samples have analyte results greater than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes.
	LCS, MF4T31, MF4T32, MF4T65, MF4T66, MF4T66D, MF4T66L, MF4T67, MF4T68, MF4T73, MF4T74, MF4T83, MF4T84, MF4T85, MF4T86, MF4T87, MF4T88, MF4T89, MF4T90, MF4T98, MF4TA1, MF4TA2, MF4TB4, MF4T66S
	Sodium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Cobalt LCS , MF4T66S
	Barium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Antimony LCS , MF4T66S
	Cadmium LCS , MF4T66S
	Magnesium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Silver LCS , MF4T66S
	Manganese LCS , MF4T66S , MF4T83 , MF4TA2
	Lead LCS , MF4T31 , MF4T32 , MF4T66S , MF4T67 , MF4T73 , MF4T74 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA2 , MF4TB4
Blanks	**ICP_MS**
ND06	The following samples have analyte results greater than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes.
	LCS, MF4T31, MF4T65, MF4T66, MF4T66S, MF4T66D, MF4T66L, MF4T67, MF4T73, MF4T83, MF4T84, MF4TA1, MF4T32, MF4T68, MF4T74, MF4T85, MF4T87, MF4T89, MF4T98, MF4TA2, MF4TB4, MF4T86, MF4T88, MF4T90
	Vanadium LCS , MF4T31 , MF4T65 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T73 , MF4T83 , MF4T84 , MF4TA1
	Arsenic LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T87 , MF4T89 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Chromium LCS , MF4T31 , MF4T65 , MF4T66S , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84
	Nickel LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Potassium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Copper LCS , MF4T31 , MF4T32 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4

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Blanks

Blanks	ICP_MS
	Lead LCS , MF4T31 , MF4T32 , MF4T66S , MF4T67 , MF4T73 , MF4T74 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA2 , MF4TB4
	Sodium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 ; MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Barium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Cobalt LCS , MF4T66S
	Beryllium LCS , MF4T66S
	Zinc LCS , MF4T31 , MF4T32 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Antimony LCS , MF4T66S
	Cadmium LCS , MF4T66S
	Thallium LCS , MF4T66S
	Magnesium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Iron LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Manganese LCS , MF4T66S , MF4T83 , MF4TA2
	Silver LCS , MF4T66S
Blanks	**ICP_MS**
NE04	The following samples have analyte results greater than or equal to MDLs but less than or equal to CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs.
	MF4T32, MF4T66, MF4T66D, MF4T67, MF4T85, MF4T86, MF4T87, MF4T88, MF4T89, MF4T90, MF4T98, MF4TA1, MF4TA2, MF4TB4, MF4T83, MF4T68, MF4T84
	Chromium MF4T32 , MF4T66 , MF4T66D , MF4T67 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Thallium MF4T83
	Lead MF4T66 , MF4T66D , MF4T68 , MF4T83 , MF4T84 , MF4TA1
Blanks	**ICP_MS**
NE05	The following samples have analyte results greater than CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualify detected and nondetected analytes.
	LCS, MF4T31, MF4T65, MF4T66S, MF4T68, MF4T73, MF4T74, MF4T83, MF4T84, MF4T32, MF4T67, MF4T85, MF4T86, MF4T87, MF4T88, MF4T89, MF4T90, MF4T98, MF4TA2, MF4TB4
	Chromium LCS , MF4T31 , MF4T65 , MF4T66S , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84
	Thallium LCS , MF4T66S
	Lead LCS , MF4T31 , MF4T32 , MF4T66S , MF4T67 , MF4T73 , MF4T74 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA2 , MF4TB4

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Detection Limit

Detection Limit	ICP_MS
NDL1	The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified J.
	MF4T89, MF4T98, MF4TB4, PBW, MF4T32, MF4T66, MF4T66D, MF4T66L, MF4T67, MF4T85, MF4T86, MF4T87, MF4T88, MF4T90, MF4TA1, MF4TA2, MF4T83, MF4T68, MF4T84, MF4T31, MF4T65, MF4T73, MF4T74
	Vanadium MF4T89 , MF4T98 , MF4TB4
	Calcium PBW
	Chromium PBW , MF4T32 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Potassium PBW
	Copper MF4T83
	Lead PBW , MF4T66 , MF4T66D , MF4T66L , MF4T68 , MF4T83 , MF4T84 , MF4TA1
	Sodium PBW
	Selenium MF4T88
	Cobalt MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Zinc MF4T65 , MF4T83
	Beryllium PBW , MF4T31 , MF4T65
	Aluminum MF4T32 , MF4T66 , MF4T66D , MF4T66L , MF4T68 , MF4T98 , MF4TA1 , MF4TA2
	Antimony MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Cadmium MF4T90 , MF4TA2
	Thallium PBW , MF4T83
	Magnesium PBW
	Manganese MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TB4
	Silver MF4T32 , MF4T98 , MF4TA2

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Serial Dilution

Serial Dilution	ICP_MS
NL032	The following ICP-MS Serial Dilution (SD) samples have percent difference (%D) greater than 10% and initial sample results are greater than 50xMDLs. The detected analytes in samples with results greater than or equal to MDLs are qualified J. Nondetected analytes in samples are qualified UJ.
	MF4T31, MF4T32, MF4T65, MF4T66, MF4T67, MF4T68, MF4T73, MF4T74, MF4T83, MF4T84, MF4T85, MF4T86, MF4T87, MF4T88, MF4T89, MF4T90, MF4T98, MF4TA1, MF4TA2, MF4TB4
	Nickel MF4T66L

CASE	SDG	EPASAMP	LABID	MATRIX	QCCODE	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQ	UNITS	ADJCR	SMPDATE	PRPDATE	LRDATE	LEVEL	PERSOLD	SMPWTVL	FINVOL	METHOI	STATLOC
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/14/2011	15:20:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440382	Arsenic	7.7		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440393	Barium	42.7		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/14/2011	15:20:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/14/2011	16:40:00	7440702	Calcium	216000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440473	Chromium	3.9	UC	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440508	Copper	21.3		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7439896	Iron	1590		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7439921	Lead	3.9	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/14/2011	15:20:00	7439954	Magnesium	53100		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440020	Nickel	3.7	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/14/2011	15:20:00	7440097	Potassium	9790		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7782492	Selenium	13.5		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/14/2011	16:40:00	7440235	Sodium	256000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440622	Vanadium	41.7		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T31	1123732001	W	Field_Sample	09/13/2011	15:02:00	7440666	Zinc	24.0		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 B
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/14/2011	15:23:00	7429905	Aluminum	4.7	LJ	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440382	Arsenic	7.9		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440393	Barium	42.1		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/14/2011	15:23:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/14/2011	16:43:00	7440702	Calcium	212000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440508	Copper	39.1		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7439896	Iron	1530		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7439921	Lead	4.0	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/14/2011	15:23:00	7439954	Magnesium	53200		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440020	Nickel	3.8	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/14/2011	15:23:00	7440097	Potassium	9860		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7782492	Selenium	12.9		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/14/2011	16:43:00	7440235	Sodium	252000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T32	1123732002	W	Field_Sample	09/13/2011	15:06:00	7440666	Zinc	49.7		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-080 C
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/14/2011	15:26:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440382	Arsenic	10.7		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440393	Barium	72.5		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/14/2011	15:26:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/14/2011	16:46:00	7440702	Calcium	176000		ug/L	1000	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440473	Chromium	201		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440508	Copper	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7439896	Iron	1240		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7439921	Lead	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/14/2011	15:26:00	7439954	Magnesium	54400		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440020	Nickel	3.0	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/14/2011	15:26:00	7440097	Potassium	3960		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7782492	Selenium	15.8		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/14/2011	16:46:00	7440235	Sodium	158000		ug/L	1000	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440622	Vanadium	37.6		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B

41679	MF4T31	MF4T65	1123732003	W	Field_Sample	09/13/2011	15:11:00	7440666	Zinc	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 B
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/14/2011	15:29:00	7429905	Aluminum	3.1	LJ	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440382	Arsenic	10.4		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440393	Barium	70.2		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/14/2011	15:29:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/14/2011	16:49:00	7440702	Calcium	173000		ug/L	1000	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440508	Copper	2.7	UC	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7439896	Iron	1310		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7439921	Lead	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/14/2011	15:29:00	7439954	Magnesium	52500		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440020	Nickel	3.1	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/14/2011	15:29:00	7440097	Potassium	3810		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7782492	Selenium	13.8		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/14/2011	16:49:00	7440235	Sodium	156000		ug/L	1000	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440622	Vanadium	24.4		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T66	1123732004	W	Field_Sample	09/13/2011	15:15:00	7440666	Zinc	2.9	UC	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-104 C
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/14/2011	15:41:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440382	Arsenic	10.8		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440393	Barium	55.4		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/14/2011	15:41:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/14/2011	17:01:00	7440702	Calcium	178000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440508	Copper	9.9		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7439896	Iron	1310		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7439921	Lead	2.0	UC	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/14/2011	15:41:00	7439954	Magnesium	54600		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440020	Nickel	5.0	J	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/14/2011	15:41:00	7440097	Potassium	6880		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7782492	Selenium	17.7		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/14/2011	17:01:00	7440235	Sodium	230000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440622	Vanadium	16.7		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T67	1123732007	W	Field_Sample	09/13/2011	15:32:00	7440666	Zinc	21.7		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 B
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/14/2011	15:44:00	7429905	Aluminum	8.8	LJ	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440382	Arsenic	8.7		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440393	Barium	54.7		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/14/2011	15:44:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/14/2011	17:04:00	7440702	Calcium	184000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440473	Chromium	3.9	UC	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440508	Copper	15.5		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7439896	Iron	1270		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7439921	Lead	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/14/2011	15:44:00	7439954	Magnesium	55900		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440020	Nickel	4.5	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/14/2011	15:44:00	7440097	Potassium	6970		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7782492	Selenium	15.4		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/14/2011	17:04:00	7440235	Sodium	237000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C

41679	MF4T31	MF4T68	1123732008	W	Field_Sample	09/13/2011	15:36:00	7440666	Zinc	18.1		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-105 C
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/14/2011	15:48:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440382	Arsenic	6.5		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440393	Barium	42.2		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/14/2011	15:48:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/14/2011	17:07:00	7440702	Calcium	219000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440473	Chromium	117		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440508	Copper	16.1		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7439896	Iron	1550		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7439921	Lead	3.0	UC	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/14/2011	15:48:00	7439954	Magnesium	38800		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440020	Nickel	3.3	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/14/2011	15:48:00	7440097	Potassium	7310		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7782492	Selenium	11.9		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/14/2011	17:07:00	7440235	Sodium	185000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440622	Vanadium	26.0		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T73	1123732009	W	Field_Sample	09/13/2011	15:41:00	7440666	Zinc	27.0		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 B
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/14/2011	15:51:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440382	Arsenic	6.3		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440393	Barium	41.0		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/14/2011	15:51:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/14/2011	17:10:00	7440702	Calcium	213000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440473	Chromium	2.2	UC	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440508	Copper	43.5		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7439896	Iron	1500		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7439921	Lead	2.7	UC	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/14/2011	15:51:00	7439954	Magnesium	37500		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440020	Nickel	3.5	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/14/2011	15:51:00	7440097	Potassium	7110		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7782492	Selenium	12.4		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/14/2011	17:10:00	7440235	Sodium	182000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T74	1123732010	W	Field_Sample	09/13/2011	15:45:00	7440666	Zinc	62.5		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-126 C
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/14/2011	15:54:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440382	Arsenic	7.1		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440393	Barium	21.7		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/14/2011	15:54:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/14/2011	17:14:00	7440702	Calcium	247000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440473	Chromium	127		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440508	Copper	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7439896	Iron	1680		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7439921	Lead	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/14/2011	15:54:00	7439954	Magnesium	51700		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7439965	Manganese	1.2	UC	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440020	Nickel	3.1	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/14/2011	15:54:00	7440097	Potassium	8330		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7782492	Selenium	18.2		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/14/2011	17:14:00	7440235	Sodium	223000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440622	Vanadium	27.0		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B

41679	MF4T31	MF4T83	1123732011	W	Field_Sample	09/13/2011	16:02:00	7440666	Zinc	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 B
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/14/2011	15:57:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440382	Arsenic	7.7		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440393	Barium	21.2		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/14/2011	15:57:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/14/2011	17:26:00	7440702	Calcium	250000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440473	Chromium	13.0		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440508	Copper	10.1		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7439896	Iron	1800		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7439921	Lead	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/14/2011	15:57:00	7439954	Magnesium	51400		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440020	Nickel	3.3	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/14/2011	15:57:00	7440097	Potassium	8360		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7782492	Selenium	19.6		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/14/2011	17:26:00	7440235	Sodium	228000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440622	Vanadium	25.8		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T84	1123732012	W	Field_Sample	09/13/2011	16:07:00	7440666	Zinc	15.8		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-151 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/14/2011	16:00:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440382	Arsenic	7.3		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440393	Barium	22.7		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/14/2011	16:00:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/14/2011	17:20:00	7440702	Calcium	253000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440508	Copper	9.2		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7439896	Iron	1760		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7439921	Lead	4.3	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/14/2011	16:00:00	7439954	Magnesium	53800		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440020	Nickel	4.3	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/14/2011	16:00:00	7440097	Potassium	8610		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7782492	Selenium	19.4		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/14/2011	17:20:00	7440235	Sodium	241000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T85	1123732013	W	Field_Sample	09/13/2011	16:11:00	7440666	Zinc	94.2		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 C
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/14/2011	16:03:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440382	Arsenic	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440393	Barium	23.4		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/14/2011	16:03:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/14/2011	17:23:00	7440702	Calcium	250000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440508	Copper	13.4		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7439896	Iron	1770		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7439921	Lead	1.8	UC	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/14/2011	16:03:00	7439954	Magnesium	53500		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440020	Nickel	3.5	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/14/2011	16:03:00	7440097	Potassium	8570		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7782492	Selenium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/14/2011	17:23:00	7440235	Sodium	240000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D

41679	MF4T31	MF4T86	1123732014	W	Field_Sample	09/13/2011	16:15:00	7440666	Zinc	39.9		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 D
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/14/2011	16:06:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440382	Arsenic	7.2		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440393	Barium	22.4		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/14/2011	16:06:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/14/2011	17:17:00	7440702	Calcium	251000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440508	Copper	25.3		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7439896	Iron	1840		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7439921	Lead	7.0		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/14/2011	16:06:00	7439954	Magnesium	53600		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440020	Nickel	4.3	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/14/2011	16:06:00	7440097	Potassium	8430		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7782492	Selenium	18.5		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/14/2011	17:17:00	7440235	Sodium	240000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T87	1123732015	W	Field_Sample	09/13/2011	16:19:00	7440666	Zinc	99.3		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 F
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/14/2011	16:09:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440382	Arsenic	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440393	Barium	24.5		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/14/2011	16:09:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/14/2011	17:29:00	7440702	Calcium	253000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440508	Copper	21.6		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7439896	Iron	2010		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7439921	Lead	4.7	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/14/2011	16:09:00	7439954	Magnesium	53400		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440020	Nickel	4.7	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/14/2011	16:09:00	7440097	Potassium	8690		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7782492	Selenium	0.29	LJ	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/14/2011	17:29:00	7440235	Sodium	244000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T88	1123732016	W	Field_Sample	09/13/2011	16:24:00	7440666	Zinc	239		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 G
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/14/2011	16:12:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440382	Arsenic	7.5		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440393	Barium	23.6		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/14/2011	16:12:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/14/2011	17:32:00	7440702	Calcium	249000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440508	Copper	17.5		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7439896	Iron	1840		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7439921	Lead	8.9		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/14/2011	16:12:00	7439954	Magnesium	53300		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440020	Nickel	4.8	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/14/2011	16:12:00	7440097	Potassium	8540		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7782492	Selenium	18.5		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/14/2011	17:32:00	7440235	Sodium	236000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I

41679	MF4T31	MF4T89	1123732017	W	Field_Sample	09/13/2011	16:28:00	7440666	Zinc	84.2		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 I
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/14/2011	16:15:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440382	Arsenic	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440393	Barium	24.3		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/14/2011	16:15:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/14/2011	17:35:00	7440702	Calcium	248000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440508	Copper	9.5		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7439896	Iron	2120		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7439921	Lead	3.9	J+	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/14/2011	16:15:00	7439954	Magnesium	54500		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440020	Nickel	6.0	J	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/14/2011	16:15:00	7440097	Potassium	8690		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7782492	Selenium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/14/2011	17:35:00	7440235	Sodium	234000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T90	1123732018	W	Field_Sample	09/13/2011	16:32:00	7440666	Zinc	218		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-176 J
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/14/2011	16:18:00	7429905	Aluminum	5.6	LJ	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440382	Arsenic	6.5		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440393	Barium	25.5		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/14/2011	16:18:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/14/2011	17:38:00	7440702	Calcium	151000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440508	Copper	74.2		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7439896	Iron	1130		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7439921	Lead	5.3		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/14/2011	16:18:00	7439954	Magnesium	28300		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440020	Nickel	3.0	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/14/2011	16:18:00	7440097	Potassium	6000		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7782492	Selenium	11.4		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/14/2011	17:38:00	7440235	Sodium	216000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4T98	1123732019	W	Field_Sample	09/13/2011	16:37:00	7440666	Zinc	76.5		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-259 C
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/14/2011	16:21:00	7429905	Aluminum	18.5	LJ	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440382	Arsenic	7.7		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440393	Barium	24.7		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/14/2011	16:21:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/14/2011	17:41:00	7440702	Calcium	213000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440508	Copper	3.0	UC	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7439896	Iron	1560		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7439921	Lead	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/14/2011	16:21:00	7439954	Magnesium	51200		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440020	Nickel	3.6	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/14/2011	16:21:00	7440097	Potassium	7690		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7782492	Selenium	15.4		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/14/2011	17:41:00	7440235	Sodium	232000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440622	Vanadium	5.1		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B

41679	MF4T31	MF4TA1	1123732020	W	Field_Sample	09/13/2011	16:41:00	7440666	Zinc	3.1	UC	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 B
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/14/2011	16:24:00	7429905	Aluminum	8.5	LJ	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440382	Arsenic	7.9		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440393	Barium	24.5		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/14/2011	16:24:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/14/2011	17:44:00	7440702	Calcium	215000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440508	Copper	179		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7439896	Iron	1710		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7439921	Lead	38.9		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/14/2011	16:24:00	7439954	Magnesium	51300		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7439965	Manganese	1.4	UC	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440020	Nickel	9.1	J	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/14/2011	16:24:00	7440097	Potassium	7710		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7782492	Selenium	16.5		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/14/2011	17:44:00	7440235	Sodium	231000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TA2	1123732021	W	Field_Sample	09/13/2011	16:45:00	7440666	Zinc	601		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	GW-299 C
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/14/2011	16:27:00	7429905	Aluminum	20.0	U	ug/L	20.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440360	Antimony	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440382	Arsenic	6.5		ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440393	Barium	25.0		ug/L	10.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/14/2011	16:27:00	7440417	Beryllium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440439	Cadmium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/14/2011	17:47:00	7440702	Calcium	150000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440473	Chromium	2.0	U	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440484	Cobalt	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440508	Copper	6.1	J+	ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7439896	Iron	1130		ug/L	200	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7439921	Lead	1.1	UC	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/14/2011	16:27:00	7439954	Magnesium	27900		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7439965	Manganese	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440020	Nickel	2.7	UCJ	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/14/2011	16:27:00	7440097	Potassium	5970		ug/L	500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7782492	Selenium	11.0		ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440224	Silver	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/14/2011	17:47:00	7440235	Sodium	211000		ug/L	1500	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440280	Thallium	1.0	U	ug/L	1.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440622	Vanadium	5.0	U	ug/L	5.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8
41679	MF4T31	MF4TB4	1123732022	W	Field_Sample	09/13/2011	16:50:00	7440666	Zinc	11.1		ug/L	2.0	08/24/2011	09/07/2011	08/25/2011	Low	0.0	50	50	MS	DUP-8

National Functional Guidelines Report #03

Lab DATAC(ALS Environmental) **SDG** MF4T31 **Case** 41679 **Contract** EPW09036 **Region** 6 **DDTID** 131669 **SOW** ISM01.2

Data Review Reports

Blanks

Blanks	ICP_MS
ND03	The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs.
	PBW, MF4T31, MF4T32, MF4T65, MF4T66, MF4T66D, MF4T66L, MF4T67, MF4T68, MF4T73, MF4T74, MF4T83, MF4T84, MF4T85, MF4T86, MF4T87, MF4T88, MF4T89, MF4T90, MF4T98, MF4TA1, MF4TA2, MF4TB4
	Sodium PBW
	Cobalt MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Antimony MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Cadmium MF4T90 , MF4TA2
	Magnesium PBW
	Silver MF4T32 , MF4T98 , MF4TA2
	Manganese MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TB4
	Lead PBW , MF4T66 , MF4T66D , MF4T66L , MF4T68 , MF4T83 , MF4T84 , MF4TA1
Blanks	**ICP_MS**
ND04	The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated at CRQLs.
	MF4T89, MF4T98, MF4TB4, PBW, MF4T32, MF4T66, MF4T66D, MF4T66L, MF4T67, MF4T85, MF4T86, MF4T87, MF4T88, MF4T90, MF4TA1, MF4TA2, MF4T83, MF4T68, MF4T84, MF4T31, MF4T65, MF4T73, MF4T74
	Vanadium MF4T89 , MF4T98 , MF4TB4
	Chromium PBW , MF4T32 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Potassium PBW
	Copper MF4T83
	Lead PBW , MF4T66 , MF4T66D , MF4T66L , MF4T68 , MF4T83 , MF4T84 , MF4TA1
	Sodium PBW
	Cobalt MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Beryllium PBW , MF4T31 , MF4T65
	Zinc MF4T65 , MF4T83
	Antimony MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Cadmium MF4T90 , MF4TA2
	Thallium PBW , MF4T83

National Functional Guidelines Report #03

Lab DATAC(ALS Environmental) **SDG** MF4T31 **Case** 41679 **Contract** EPW09036 **Region** 6 **DDTID** 131669 **SOW** ISM01.2

Data Review Reports

Blanks

Blanks	ICP_MS
	Magnesium PBW
	Manganese MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TB4
	Silver MF4T32 , MF4T98 , MF4TA2
Blanks	**ICP_MS**
ND05	The following samples have analyte results greater than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes.
	LCS, MF4T31, MF4T32, MF4T65, MF4T66, MF4T66D, MF4T66L, MF4T67, MF4T68, MF4T73, MF4T74, MF4T83, MF4T84, MF4T85, MF4T86, MF4T87, MF4T88, MF4T89, MF4T90, MF4T98, MF4TA1, MF4TA2, MF4TB4, MF4T66S
	Sodium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Cobalt LCS , MF4T66S
	Barium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Antimony LCS , MF4T66S
	Cadmium LCS , MF4T66S
	Magnesium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Silver LCS , MF4T66S
	Manganese LCS , MF4T66S , MF4T83 , MF4TA2
	Lead LCS , MF4T31 , MF4T32 , MF4T66S , MF4T67 , MF4T73 , MF4T74 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA2 , MF4TB4
Blanks	**ICP_MS**
ND06	The following samples have analyte results greater than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes.
	LCS, MF4T31, MF4T65, MF4T66, MF4T66S, MF4T66D, MF4T66L, MF4T67, MF4T73, MF4T83, MF4T84, MF4TA1, MF4T32, MF4T68, MF4T74, MF4T85, MF4T87, MF4T89, MF4T98, MF4TA2, MF4TB4, MF4T86, MF4T88, MF4T90
	Vanadium LCS , MF4T31 , MF4T65 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T73 , MF4T83 , MF4T84 , MF4TA1
	Arsenic LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T87 , MF4T89 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Chromium LCS , MF4T31 , MF4T65 , MF4T66S , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84
	Nickel LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Potassium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Copper LCS , MF4T31 , MF4T32 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4

National Functional Guidelines Report #03

Lab DATAC(ALS Environmental) **SDG** MF4T31 **Case** 41679 **Contract** EPW09036 **Region** 6 **DDTID** 131669 **SOW** ISM01.2

Data Review Reports

Blanks

Blanks	ICP_MS
	Lead LCS , MF4T31 , MF4T32 , MF4T66S , MF4T67 , MF4T73 , MF4T74 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA2 , MF4TB4
	Sodium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Barium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Cobalt LCS , MF4T66S
	Beryllium LCS , MF4T66S
	Zinc LCS , MF4T31 , MF4T32 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Antimony LCS , MF4T66S
	Cadmium LCS , MF4T66S
	Thallium LCS , MF4T66S
	Magnesium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Iron LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Manganese LCS , MF4T66S , MF4T83 , MF4TA2
	Silver LCS , MF4T66S
Blanks	**ICP_MS**
NE04	The following samples have analyte results greater than or equal to MDLs but less than or equal to CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs.
	MF4T32, MF4T66, MF4T66D, MF4T67, MF4T85, MF4T86, MF4T87, MF4T88, MF4T89, MF4T90, MF4T98, MF4TA1, MF4TA2, MF4TB4, MF4T83, MF4T68, MF4T84
	Chromium MF4T32 , MF4T66 , MF4T66D , MF4T67 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Thallium MF4T83
	Lead MF4T66 , MF4T66D , MF4T68 , MF4T83 , MF4T84 , MF4TA1
Blanks	**ICP_MS**
NE05	The following samples have analyte results greater than CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualify detected and nondetected analytes.
	LCS, MF4T31, MF4T65, MF4T66S, MF4T68, MF4T73, MF4T74, MF4T83, MF4T84, MF4T32, MF4T67, MF4T85, MF4T86, MF4T87, MF4T88, MF4T89, MF4T90, MF4T98, MF4TA2, MF4TB4
	Chromium LCS , MF4T31 , MF4T65 , MF4T66S , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84
	Thallium LCS , MF4T66S
	Lead LCS , MF4T31 , MF4T32 , MF4T66S , MF4T67 , MF4T73 , MF4T74 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA2 , MF4TB4

National Functional Guidelines Report #03

Lab DATAC(ALS Environmental) **SDG** MF4T31 **Case** 41679 **Contract** EPW09036 **Region** 6 **DDTID** 131669 **SOW** ISM01.2

Data Review Reports

Detection Limit

Detection Limit	ICP_MS
NDL1	The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified J.
	MF4T89, MF4T98, MF4TB4, PBW, MF4T32, MF4T66, MF4T66D, MF4T66L, MF4T67, MF4T85, MF4T86, MF4T87, MF4T88, MF4T90, MF4TA1, MF4TA2, MF4T83, MF4T68, MF4T84, MF4T31, MF4T65, MF4T73, MF4T74
	Vanadium MF4T89 , MF4T98 , MF4TB4
	Calcium PBW
	Chromium PBW , MF4T32 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Potassium PBW
	Copper MF4T83
	Lead PBW , MF4T66 , MF4T66D , MF4T66L , MF4T68 , MF4T83 , MF4T84 , MF4TA1
	Sodium PBW
	Selenium MF4T88
	Cobalt MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Zinc MF4T65 , MF4T83
	Beryllium PBW , MF4T31 , MF4T65
	Aluminum MF4T32 , MF4T66 , MF4T66D , MF4T66L , MF4T68 , MF4T98 , MF4TA1 , MF4TA2
	Antimony MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Cadmium MF4T90 , MF4TA2
	Thallium PBW , MF4T83
	Magnesium PBW
	Manganese MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TB4
	Silver MF4T32 , MF4T98 , MF4TA2

National Functional Guidelines Report #03

Lab DATAC(ALS Environmental) **SDG** MF4T31 **Case** 41679 **Contract** EPW09036 **Region** 6 **DDTID** 131669 **SOW** ISM01.2

Data Review Reports

Serial Dilution

Serial Dilution	ICP_MS
NL032	The following ICP-MS Serial Dilution (SD) samples have percent difference (%D) greater than 10% and initial sample results are greater than 50xMDLs. The detected analytes in samples with results greater than or equal to MDLs are qualified J. Nondetected analytes in samples are qualified UJ.
	MF4T31, MF4T32, MF4T65, MF4T66, MF4T67, MF4T68, MF4T73, MF4T74, MF4T83, MF4T84, MF4T85, MF4T86, MF4T87, MF4T88, MF4T89, MF4T90, MF4T98, MF4TA1, MF4TA2, MF4TB4
	Nickel MF4T66L

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 41679 **R**
DAS No:

Region:	6	**Date Shipped:**	8/24/2011	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	UPS	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	1Z66V0740195831679	1 Casey Krause 8/24/11 1700	
CERCLIS ID:	TXN000606992	**Shipped to:**	Datachem Laboratories, Inc.	2	
Spill ID:			960 West LeVoy Drive	3	
Site Name/State:	West County Road 112 Groundwater/TX		Salt Lake City UT 84123	4	
Project Leader:	Vince Malott		(801) 266-7700		
Action:	Remedial Investigation				
Sampling Co:	Shaw Environmental				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MF4T31	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	497391 (HNO3) (1)	GW-080 B	S: 8/24/2011 10:20		--
MF4T32	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	497392 (HNO3) (1)	GW-080 C	S: 8/24/2011 10:22		--
MF4T65	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480759 (HNO3) (1)	GW-104 B	S: 8/24/2011 11:57		--
MF4T66	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480760 (HNO3), 480761 (HNO3), 480762 (HNO3) (3)	GW-104 C	S: 8/24/2011 12:00		--
MF4T85	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480763 (HNO3) (1)	GW-176 C	S: 8/24/2011 13:30		--
MF4T86	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480764 (HNO3) (1)	GW-176 D	S: 8/24/2011 13:32		--
MF4T87	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480765 (HNO3) (1)	GW-176 F	S: 8/24/2011 13:34		--
MF4T88	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480766 (HNO3) (1)	GW-176 G	S: 8/24/2011 13:36		--
MF4T89	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480767 (HNO3) (1)	GW-176 I	S: 8/24/2011 13:38		--
MF4T90	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480768 (HNO3) (1)	GW-176 J	S: 8/24/2011 13:40		--
MF4T98	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497405 (HNO3) (1)	GW-259 C	S: 8/24/2011 12:34		--

R000115378

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
	MF4T66	Casey Krause	
Analysis Key: ISM01.2/ I = Total Metals	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

TR Number: 6-550447253-082411-0007

REGION COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

EPA USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 41679 **R**
DAS No:

Region:	6	**Date Shipped:**	8/24/2011	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	UPS	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	1Z66V0740196366064	1 Casey Krause 8/24/11 17:00	
CERCLIS ID:	TXN000606992	**Shipped to:**	Datachem Laboratories, Inc. 960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700	2	
Spill ID:				3	
Site Name/State:	West County Road 112 Groundwater/TX			4	
Project Leader:	Vince Malott				
Action:	Remedial Investigation				
Sampling Co:	Shaw Environmental				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	QC Type
MF4T67	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497409 (HNO3) (1)	GW-105 B	S: 8/24/2011	15:12		--
MF4T68	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497410 (HNO3) (1)	GW-105 C	S: 8/24/2011	15:14		--
MF4T73	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497407 (HNO3) (1)	GW-126 B	S: 8/24/2011	14:00		--
MF4T74	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497408 (HNO3) (1)	GW-126 C	S: 8/24/2011	14:02		--
MF4T83	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	497397 (HNO3) (1)	GW-151 B	S: 8/24/2011	15:10		--
MF4T84	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	497398 (HNO3) (1)	GW-151 C	S: 8/24/2011	15:12		--
MF4TA1	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497412 (HNO3) (1)	GW-299 B	S: 8/24/2011	16:08		--
MF4TA2	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497413 (HNO3) (1)	GW-299 C	S: 8/24/2011	16:10		--
MF4TA3	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	409521 (HNO3) (1)	GW-313 B	S: 8/24/2011	14:30		--
MF4TA4	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	409522 (HNO3) (1)	GW-313 C	S: 8/24/2011	14:32		--
MF4TA5	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	409523 (HNO3) (1)	GW-313 E	S: 8/24/2011	14:34		--

R20-1758

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): Casey Krause	Chain of Custody Seal Number:
Analysis Key: ISM01.2/ I = Total Metals	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

TR Number: 6-550447253-082411-0008

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PR provides preliminary results. Requests for preliminary results will increase analytical costs.

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 41679
DAS No:

R

Region:	6	Date Shipped:	8/24/2011	Chain of Custody Record	Sampler Signature:
Project Code:		Carrier Name:	UPS	Relinquished By (Date / Time)	Received By (Date / Time)
Account Code:		Airbill:	1Z66V0740195831679	1 Casey Krause 8/24/11 1720	
CERCLIS ID:	TXN000606992	Shipped to:	Datachem Laboratories, Inc. 960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700	2 "	
Spill ID:				3	
Site Name/State:	West County Road 112 Groundwater/TX			4	
Project Leader:	Vince Malott				
Action:	Remedial Investigation				
Sampling Co:	Shaw Environmental				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MF4TB4	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497406 (HNO3) (1)	DUP-8	S: 8/24/2011 12:40		Field Duplicate

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Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
	MF4T66	Casey Krause	
Analysis Key: ISM01.2/ I = Total Metals	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TR Number: 6-550447253-082411-0007

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

ADDENDUM

CADRE NARRATIVE

National Functional Guidelines Report #03

Lab DATAC(ALS Environmental) **SDG** MF4T31 **Case** 41679 **Contract** EPW09036 **Region** 6 **DDTID** 131669 **SOW** ISM01.2

Data Review Reports

Blanks

Blanks	ICP_MS
ND03	The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs.
	PBW, MF4T31, MF4T32, MF4T65, MF4T66, MF4T66D, MF4T66L, MF4T67, MF4T68, MF4T73, MF4T74, MF4T83, MF4T84, MF4T85, MF4T86, MF4T87, MF4T88, MF4T89, MF4T90, MF4T98, MF4TA1, MF4TA2, MF4TB4
	Sodium PBW
	Cobalt MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Antimony MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Cadmium MF4T90 , MF4TA2
	Magnesium PBW
	Silver MF4T32 , MF4T98 , MF4TA2
	Manganese MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TB4
	Lead PBW , MF4T66 , MF4T66D , MF4T66L , MF4T68 , MF4T83 , MF4T84 , MF4TA1
Blanks	**ICP_MS**
ND04	The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated at CRQLs.
	MF4T89, MF4T98, MF4TB4, PBW, MF4T32, MF4T66, MF4T66D, MF4T66L, MF4T67, MF4T85, MF4T86, MF4T87, MF4T88, MF4T90, MF4TA1, MF4TA2, MF4T83, MF4T68, MF4T84, MF4T31, MF4T65, MF4T73, MF4T74
	Vanadium MF4T89 , MF4T98 , MF4TB4
	Chromium PBW , MF4T32 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Potassium PBW
	Copper MF4T83
	Lead PBW , MF4T66 , MF4T66D , MF4T66L , MF4T68 , MF4T83 , MF4T84 , MF4TA1
	Sodium PBW
	Cobalt MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Beryllium PBW , MF4T31 , MF4T65
	Zinc MF4T65 , MF4T83
	Antimony MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Cadmium MF4T90 , MF4TA2
	Thallium PBW , MF4T83

National Functional Guidelines Report #03

Lab DATAC(ALS Environmental) **SDG** MF4T31 **Case** 41679 **Contract** EPW09036 **Region** 6 **DDTID** 131669 **SOW** ISM01.2

Data Review Reports

Blanks

Blanks	ICP_MS
	Magnesium PBW
	Manganese MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TB4
	Silver MF4T32 , MF4T98 , MF4TA2
Blanks	**ICP_MS**
ND05	The following samples have analyte results greater than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes.
	LCS, MF4T31, MF4T32, MF4T65, MF4T66, MF4T66D, MF4T66L, MF4T67, MF4T68, MF4T73, MF4T74, MF4T83, MF4T84, MF4T85, MF4T86, MF4T87, MF4T88, MF4T89, MF4T90, MF4T98, MF4TA1, MF4TA2, MF4TB4, MF4T66S
	Sodium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Cobalt LCS , MF4T66S
	Barium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Antimony LCS , MF4T66S
	Cadmium LCS , MF4T66S
	Magnesium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Silver LCS , MF4T66S
	Manganese LCS , MF4T66S , MF4T83 , MF4TA2
	Lead LCS , MF4T31 , MF4T32 , MF4T66S , MF4T67 , MF4T73 , MF4T74 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA2 , MF4TB4
Blanks	**ICP_MS**
ND06	The following samples have analyte results greater than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes.
	LCS, MF4T31, MF4T65, MF4T66, MF4T66S, MF4T66D, MF4T66L, MF4T67, MF4T73, MF4T83, MF4T84, MF4TA1, MF4T32, MF4T68, MF4T74, MF4T85, MF4T87, MF4T89, MF4T98, MF4TA2, MF4TB4, MF4T86, MF4T88, MF4T90
	Vanadium LCS , MF4T31 , MF4T65 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T73 , MF4T83 , MF4T84 , MF4TA1
	Arsenic LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T87 , MF4T89 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Chromium LCS , MF4T31 , MF4T65 , MF4T66S , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84
	Nickel LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Potassium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Copper LCS , MF4T31 , MF4T32 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4

National Functional Guidelines Report #03

Lab DATAC(ALS Environmental) **SDG** MF4T31 **Case** 41679 **Contract** EPW09036 **Region** 6 **DDTID** 131669 **SOW** ISM01.2

Data Review Reports

Blanks

Blanks	ICP_MS
	Lead LCS , MF4T31 , MF4T32 , MF4T66S , MF4T67 , MF4T73 , MF4T74 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA2 , MF4TB4
	Sodium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Barium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Cobalt LCS , MF4T66S
	Beryllium LCS , MF4T66S
	Zinc LCS , MF4T31 , MF4T32 , MF4T66 , MF4T66S , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Antimony LCS , MF4T66S
	Cadmium LCS , MF4T66S
	Thallium LCS , MF4T66S
	Magnesium LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Iron LCS , MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Manganese LCS , MF4T66S , MF4T83 , MF4TA2
	Silver LCS , MF4T66S
Blanks	**ICP_MS**
NE04	The following samples have analyte results greater than or equal to MDLs but less than or equal to CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs.
	MF4T32, MF4T66, MF4T66D, MF4T67, MF4T85, MF4T86, MF4T87, MF4T88, MF4T89, MF4T90, MF4T98, MF4TA1, MF4TA2, MF4TB4, MF4T83, MF4T68, MF4T84
	Chromium MF4T32 , MF4T66 , MF4T66D , MF4T67 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Thallium MF4T83
	Lead MF4T66 , MF4T66D , MF4T68 , MF4T83 , MF4T84 , MF4TA1
Blanks	**ICP_MS**
NE05	The following samples have analyte results greater than CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualify detected and nondetected analytes.
	LCS, MF4T31, MF4T65, MF4T66S, MF4T68, MF4T73, MF4T74, MF4T83, MF4T84, MF4T32, MF4T67, MF4T85, MF4T86, MF4T87, MF4T88, MF4T89, MF4T90, MF4T98, MF4TA2, MF4TB4
	Chromium LCS , MF4T31 , MF4T65 , MF4T66S , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84
	Thallium LCS , MF4T66S
	Lead LCS , MF4T31 , MF4T32 , MF4T66S , MF4T67 , MF4T73 , MF4T74 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA2 , MF4TB4

National Functional Guidelines Report #03

Lab DATAC(ALS Environmental) **SDG** MF4T31 **Case** 41679 **Contract** EPW09036 **Region** 6 **DDTID** 131669 **SOW** ISM01.2

Data Review Reports

Detection Limit

Detection Limit	ICP_MS
NDLI	The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified J.
	MF4T89, MF4T98, MF4TB4, PBW, MF4T32, MF4T66, MF4T66D, MF4T66L, MF4T67, MF4T85, MF4T86, MF4T87, MF4T88, MF4T90, MF4TA1, MF4TA2, MF4T83, MF4T68, MF4T84, MF4T31, MF4T65, MF4T73, MF4T74
	Vanadium MF4T89 , MF4T98 , MF4TB4
	Calcium PBW
	Chromium PBW , MF4T32 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Potassium PBW
	Copper MF4T83
	Lead PBW , MF4T66 , MF4T66D , MF4T66L , MF4T68 , MF4T83 , MF4T84 , MF4TA1
	Sodium PBW
	Selenium MF4T88
	Cobalt MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Zinc MF4T65 , MF4T83
	Beryllium PBW , MF4T31 , MF4T65
	Aluminum MF4T32 , MF4T66 , MF4T66D , MF4T66L , MF4T68 , MF4T98 , MF4TA1 , MF4TA2
	Antimony MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T83 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TA2 , MF4TB4
	Cadmium MF4T90 , MF4TA2
	Thallium PBW , MF4T83
	Magnesium PBW
	Manganese MF4T31 , MF4T32 , MF4T65 , MF4T66 , MF4T66D , MF4T66L , MF4T67 , MF4T68 , MF4T73 , MF4T74 , MF4T84 , MF4T85 , MF4T86 , MF4T87 , MF4T88 , MF4T89 , MF4T90 , MF4T98 , MF4TA1 , MF4TB4
	Silver MF4T32 , MF4T98 , MF4TA2

National Functional Guidelines Report #03

Lab DATAC(ALS Environmental) **SDG** MF4T31 **Case** 41679 **Contract** EPW09036 **Region** 6 **DDTID** 131669 **SOW** ISM01.2

Data Review Reports

Serial Dilution

Serial Dilution	ICP_MS
NL032	The following ICP-MS Serial Dilution (SD) samples have percent difference (%D) greater than 10% and initial sample results are greater than 50xMDLs. The detected analytes in samples with results greater than or equal to MDLs are qualified J. Nondetected analytes in samples are qualified UJ.
	MF4T31, MF4T32, MF4T65, MF4T66, MF4T67, MF4T68, MF4T73, MF4T74, MF4T83, MF4T84, MF4T85, MF4T86, MF4T87, MF4T88, MF4T89, MF4T90, MF4T98, MF4TA1, MF4TA2, MF4TB4
	Nickel MF4T66L

EPA USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 41679
DAS No:
R

Region:	6	**Date Shipped:**	8/24/2011	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	UPS	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	1Z66V0740195831679	1 Casey Krause 8/24/11 17:00	
CERCLIS ID:	TXN000606992	**Shipped to:**	Datachem Laboratories, Inc. 960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700	2	
Spill ID:				3	
Site Name/State:	West County Road 112 Groundwater/TX			4	
Project Leader:	Vince Malott				
Action:	Remedial Investigation				
Sampling Co:	Shaw Environmental				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MF4T31	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	497391 (HNO3) (1)	GW-080 B	S: 8/24/2011 10:20		--
MF4T32	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	497392 (HNO3) (1)	GW-080 C	S: 8/24/2011 10:22		--
MF4T65	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480759 (HNO3) (1)	GW-104 B	S: 8/24/2011 11:57		--
MF4T66	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480760 (HNO3), 480761 (HNO3), 480762 (HNO3) (3)	GW-104 C	S: 8/24/2011 12:00		--
MF4T85	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480763 (HNO3) (1)	GW-176 C	S: 8/24/2011 13:30		--
MF4T86	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480764 (HNO3) (1)	GW-176 D	S: 8/24/2011 13:32		--
MF4T87	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480765 (HNO3) (1)	GW-176 F	S: 8/24/2011 13:34		--
MF4T88	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480766 (HNO3) (1)	GW-176 G	S: 8/24/2011 13:36		--
MF4T89	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480767 (HNO3) (1)	GW-176 I	S: 8/24/2011 13:38		--
MF4T90	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480768 (HNO3) (1)	GW-176 J	S: 8/24/2011 13:40		--
MF4T98	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497405 (HNO3) (1)	GW-259 C	S: 8/24/2011 12:34		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
	MF4T66	Casey Krause	
Analysis Key: ISM01.2/ I = Total Metals	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

TR Number: 6-550447253-082411-0007

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PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

EPA USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 41679
DAS No:

R

Region:	6	**Date Shipped:**	8/24/2011	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	UPS	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	1Z66V0740196366064	1 Casey Krause 8/24/11 17:00	
CERCLIS ID:	TXN000606992	**Shipped to:**	Datachem Laboratories, Inc.	2	
Spill ID:			960 West LeVoy Drive	3	
Site Name/State:	West County Road 112 Groundwater/TX		Salt Lake City UT 84123	4	
Project Leader:	Vince Malott		(801) 266-7700		
Action:	Remedial Investigation				
Sampling Co:	Shaw Environmental				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	QC Type
MF4T67	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497409 (HNO3) (1)	GW-105 B	S: 8/24/2011	15:12		--
MF4T68	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497410 (HNO3) (1)	GW-105 C	S: 8/24/2011	15:14		--
MF4T73	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497407 (HNO3) (1)	GW-126 B	S: 8/24/2011	14:00		--
MF4T74	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497408 (HNO3) (1)	GW-126 C	S: 8/24/2011	14:02		--
MF4T83	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	497397 (HNO3) (1)	GW-151 B	S: 8/24/2011	15:10		--
MF4T84	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	497398 (HNO3) (1)	GW-151 C	S: 8/24/2011	15:12		--
MF4TA1	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497412 (HNO3) (1)	GW-299 B	S: 8/24/2011	16:08		--
MF4TA2	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497413 (HNO3) (1)	GW-299 C	S: 8/24/2011	16:10		--
MF4TA3	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	409521 (HNO3) (1)	GW-313 B	S: 8/24/2011	14:30		--
MF4TA4	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	409522 (HNO3) (1)	GW-313 C	S: 8/24/2011	14:32		--
MF4TA5	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	409523 (HNO3) (1)	GW-313 E	S: 8/24/2011	14:34		--

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:**	**Additional Sampler Signature(s):** Casey Krause	**Chain of Custody Seal Number:**
Analysis Key: ISM01.2/ I = Total Metals	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

TR Number: 6-550447253-082411-0008

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 41679
DAS No:
R

Region:	6	**Date Shipped:**	8/24/2011	**Chain of Custody Record**	**Sampler Signature:**
Project Code:		**Carrier Name:**	UPS	**Relinquished By (Date / Time)**	**Received By (Date / Time)**
Account Code:		**Airbill:**	1Z66V0740195831679	1 Casey Krause 8/24/11 17:00	
CERCLIS ID:	TXN000606992	**Shipped to:**	Datachem Laboratories, Inc. 960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700	2	
Spill ID:				3	
Site Name/State:	West County Road 112 Groundwater/TX			4	
Project Leader:	Vince Malott				
Action:	Remedial Investigation				
Sampling Co:	Shaw Environmental				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MF4TB4	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497406 (HNO3) (1)	DUP-8	S: 8/24/2011 12:40		Field Duplicate

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:** MF4T66	**Additional Sampler Signature(s):** Casey Krause	**Chain of Custody Seal Number:**
Analysis Key: ISM01.2/ I = Total Metals	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

TR Number: 6-550447253-082411-0007

REGION COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

FULL INORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET

LABORATORY NAME	ALS Laboratory Group		
CITY/STATE	Salt Lake City, UT 84123		
CASE NO.	41679	SDG NO.:	MF4T31
SDG NOs. TO FOLLOW	N/A		
MOD. REF. No.	N/A		
CONTRACT NO.	EPW09036		
SOW NO.	ISM01.2		

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

		PAGE NOs		CHECK	
		FROM	TO	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	10	✓	✓
Inorganic Analysis					
6.	Data Sheet (Form I-IN)	11	30	✓	✓
7.	Initial & Continuing Calibration Verification (Form IIA-IN)	31	32	✓	✓
8.	Blanks (Form III-IN)	33	33	✓	✓
9.	ICP-AES Interference Check Sample(Form IVA-IN)	NA		✓	
10.	ICP-MS Interference Check Sample(Form IVB-IN)	34	34	✓	✓
11.	Matrix Spike Sample Recovery(Form VA-IN)	35	35	✓	✓
12.	Post-Digestion Spike Sample Recovery(Form VB-IN)	NA		✓	
13.	Duplicates (Form VI-IN)	36	36	✓	✓
14.	Laboratory Control Sample (Form VII-IN)	37	37	✓	✓
15.	ICP-AES and ICP-MS Serial Dilutions (Form VIII-IN)	38	38	✓	✓
16.	Method Detection Limit (Annually) (Form IX-IN)	39	39	✓	✓
17.	ICP-AES Interelement Correction Factors (Quarterly) Form XA-IN)	NA		✓	
18.	ICP-AES Interelement Correction Factors (Annually) Form XB-IN)	NA		✓	
19.	Internal Standard Association (Form X1-IN)	40	41	✓	✓
20.	Preparation Log (Form XII-IN)	42	42	✓	✓
21.	Analysis Run Log (Form XIII-IN)	43	47	✓	✓

FULL INORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET

	PAGE NOs FROM	PAGE NOs TO	CHECK LAB	CHECK REGION
22. ICP-MS Tune (Form XIV-IN)	48	49	✓	✓
23. ICP-MS Internal Standards Relative Intensity Summary (Form XV-IN)	50	59	✓	✓
24. Initial Calibration (Form XVI - IN)	60	67	✓	✓
25. ICP AES Raw Data	NA		✓	
26. ICP-MS Raw Data	68	341	✓	✓
27. Mercury Raw Dta	NA		✓	
28. Cyanide Raw Data	NA		✓	
29. Preparation Logs Raw Data	342	342	✓	✓
30. Percent Solids Determination Log	NA		✓	
31. USEPA Shipping/Receiving Documents				
Airbill (No. of Shipments 2)	343	344	✓	✓
Sample Tags	345	352	✓	✓
Sample Log-In Sheet (Lab)	NA		✓	
32. Misc. Shipping/Receiving Records (list all individual records)				
Communication Logs	NA		✓	
ALS SDG TR Cover Sheet	353	354	✓	✓
			✓	
33. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
ALS CoC	355	357	✓	✓
34. Internal Original Sample Prep & Analysis Records (describe or list)				
Prep Records	358	359	✓	✓
Analysis Records	360	402	✓	✓
PE Instructions	NA			
Description	NA		✓	
35. Other Records (describe or list)				
Communication Logs			✓	
E-mail Communications	NA		✓	
			✓	

36. Comments:

Completed by:
(CLP Lab)

(Signature)	Melissa Duggan / Doc. Ctrl. (Print Name & Title)	9/15/11 (Date)

Audited By:
~~(USEPA)~~ ESAT

(Signature)	Sonya Hawkins / Data Reviewer (Print Name & Title)	10/6/11 (Date)

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

SDG Administrative Narrative

Contract: EP10-09-030

Case: 41679

SDG: MF4T31

Set ID No.: 1123732

Cooler # and temperatures of each (upon receipt)

Cooler Number C11- NA — Arrival temperature was 4 °C

Cooler Number C11- NA — Arrival temperature was 4 °C

Cooler Number C11-_____ — Arrival temperature was _____ °C

Cooler Number C11-_____ — Arrival temperature was _____ °C

Cooler Number C11-_____ — Arrival temperature was _____ °C

Cooler Number C11-_____ — Arrival temperature was _____ °C

Cooler Number C11-_____ — Arrival temperature was _____ °C

Cooler Number C11-_____ — Arrival temperature was _____ °C

Cooler Number C11-_____ — Arrival temperature was _____ °C

9/15/11 NP

Communications:

The sample receipt for this case and SDG is compliant with EPA CLP SOW requirements.

Comments:

None.

Signature: _____ Date: 9/15/11

: 00003

SDG Narrative

Case:	41679	Contract #:	EPW-09-036
SDG:	MF4T31	ALS Set ID #:	1123732

General Information: The twenty samples in this SDG were analyzed by methodologies contained in ISM01.2. All concentration, analytical, and method qualifiers are defined in the SOW.

Target Analytes: Target analytes for this SDG are aluminum, antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, nickel, potassium, selenium, silver, sodium, thallium, vanadium and zinc.

Holding Times: All samples were prepared and analyzed within method required holding times.

Initial and Continuing Calibration: All initial and continuing calibration verification and blank analyses were performed within the designated frequency and recoveries of the verifications and concentrations of the blanks met method acceptance criteria.

Interference Check Sample Analysis: Results for the interference check samples met method acceptance criteria.

Preparation Blanks: The absolute values of all analyte concentrations in the preparation blanks were lower than the Contract Required Quantitation Limits.

Laboratory Control Sample Analysis: Results for the analysis of the LCS met method acceptance criteria.

Matrix Spike Analysis: All matrix spike recoveries were within the limits of 75-125%.

Matrix Duplicate Analysis: All matrix duplicate results met method criteria.

Serial Dilution: Serial Dilution results met method acceptance criteria with the exception of nickel.

Miscellaneous Comments: All calibration data is linear, please see raw data.

Example Equations:

Method 200.8: $$C \times \frac{Vf}{Vi} \times DF = Concentration(\mu g/L)$$

C = Instrument value in µg/L (The average of all replicate integrations).
Vf = Final digestion volume (mL)
Vi = Initial digestion volume (mL)
DF = Dilution Factor

SAMPLE LOG-IN SHEET

Lab Name: ALS Laboratory Group - Salt Lake City		Page 1 of 1
Received By (Print Name): Jeanette Ahlstrom		Log-In Date: 08/25/11
Received By (Signature): Jeanette Ahlstrom		
Case Number: 41679	Sample Delivery Group No.: MF4T31	Mod. Ref. No.: NA

Remarks:		EPA Sample #	Aqueous Sample pH	Corresponding: Sample Tag #	Corresponding: Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1. Custody Seal (s) (Present/Absent*)	1	MF4T31	<2	497391	1123732001	TM water
(Intact/Broken*)	2	32		392	002	
2. Custody Seal Nos. NA	3	65		759	003	
1	4	66		760-62	004-006	
3. Traffic Reports/Chain of Custody Records or Packing Lists (Present/Absent*)	5	85		763	013	
4. Airbill (Present/Absent*)	6	86		764	014	
5. Airbill No. 1Z6AV0740195831679	7	87		765	015	
NA	8	88		766	016	
6. Sample Tags (Present/Absent*)	9	89		767	017	
Sample Tag Numbers (Listed/Not Listed on Chain-of-Custody)	10	90		768	018	
7. Sample Condition (Intact/Broken*/Leaking*)	11	98		405	019	
8. Cooler Temperature Indicator Bottle (Present/Absent*)	12	MF4TB4		406	022	
9. Cooler Temperature 4°	13					
10. Does information Traffic Reports/Chain of Custody Records and sample tags agree? (Yes/No*)	14					
	15					
11. Date Received at Lab 08/25/11	16					
12. Time Received 1004	17					
Sample Transfer	18					
Fraction TM / Fraction	19					
Area # R331 / Area #	20					
By aa / By	21					
On 08/25/11 / On	22					

aa 08/25/11

aa 08/25/11

* Contact SMO and attach record of resolution

Reviewed By: Roxanne Olson	Logbook No.: Not Applicable
Date: 8/25/11	Logbook Page No.: Not Applicable

SAMPLE LOG-IN SHEET

Lab Name	ALS Laboratory Group - Salt Lake City
Page	1 of 1
Received By (Print Name)	Anjanette Anderson
Log-In Date	08/25/11
Received By (Signature)	Anjanette Anderson
Case Number	41619
Sample Delivery Group No.	MF4T31
Mod. Ref. No.	NA

Remarks:

1. Custody Seal (s) Present/Absent*
   Intact/Broken*
2. Custody Seal Nos. NA / 1
3. Traffic Reports/Chain of Custody Records or Packing Lists Present/Absent*
4. Airbill Present/Absent*
5. Airbill No. 1Z6V074019636060[illegible] / NA
6. Sample Tags Present/Absent*
   Sample Tag Numbers Listed/Not Listed on Chain-of-Custody
7. Sample Condition Intact/Broken*/Leaking*
8. Cooler Temperature Indicator Bottle Present/Absent*
9. Cooler Temperature 4°
10. Does information Traffic Reports/Chain of Custody Records and sample tags agree? Yes/No*
11. Date Received at Lab 08/25/11
12. Time Received 1004

	EPA Sample #	Aqueous Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MF4T67	<2	497409	1123732-007	TM water
2	68		410	008	
3	73		407	009	
4	74		408	010	
5	83		397	011	
6	84		398	012	
7	MF4TA1		412	020	
8	A2		413	021	
9	A3		521		
10	A4		522		
11	A5		523		
12	A6		524		
13	B5		411		
14	B6		414		
15					
16					
17					
18					
19					
20					
21					
22					

Sample Transfer

Fraction	Fraction
TM	
Area # R33.1	Area #
By aa	By
On 08/25/11	On

aa 08/25/11

* Contact SMO and attach record of resolution

Reviewed By Rosanne Olson	Logbook No. Not Applicable
Date 8/25/11	Logbook Page No. Not Applicable

EPA 1123732 y Program

Inorganic Traffic Report & Chain of Custody Record

Case No: 41679
DAS No:
SDG No: MF4T31

L

Date Shipped:	8/24/2011
Carrier Name:	UPS
Airbill:	1Z66V0740195831679
Shipped to:	Datachem Laboratories, Inc. 960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700

Chain of Custody Record

	Relinquished By	(Date / Time)	Received By	(Date / Time)
1	Casey Krause	8/24/11 17:00	[illegible]	08/25/11 1004
2				
3				
4				

Sampler Signature: [signature]

For Lab Use Only

Lab Contract No: EPA890336
Unit Price: NA
Transfer To:
Lab Contract No:
Unit Price:

aa 08/25/11

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MF4T31	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	497391 (HNO3) (1)	GW-080 B	S: 8/24/2011	10:20		
MF4T32	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	497392 (HNO3) (1)	GW-080 C	S: 8/24/2011	10:22		
MF4T65	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480759 (HNO3) (1)	GW-104 B	S: 8/24/2011	11:57		
MF4T66	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480760 (HNO3), 480761 (HNO3), 480762 (HNO3) (3)	GW-104 C	S: 8/24/2011	12:00		
MF4T85	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480763 (HNO3) (1)	GW-176 C	S: 8/24/2011	13:30		
MF4T86	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480764 (HNO3) (1)	GW-176 D	S: 8/24/2011	13:32		
MF4T87	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480765 (HNO3) (1)	GW-176 F	S: 8/24/2011	13:34		
MF4T88	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480766 (HNO3) (1)	GW-176 G	S: 8/24/2011	13:36		
MF4T89	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480767 (HNO3) (1)	GW-176 I	S: 8/24/2011	13:38		
MF4T90	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	480768 (HNO3) (1)	GW-176 J	S: 8/24/2011	13:40		

aa 08/25/11

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
	MF4T66	Casey Krause	4	

Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? Y	Shipment Iced? Y

ISM01.2/ I = Total Metals

TR Number: 6-550447253-082411-0007

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 41679
DAS No:
SDG No: MF4T31

L

Date Shipped:	8/24/2011
Carrier Name:	UPS
Airbill:	1Z66V0740195831679
Shipped to:	Datachem Laboratories, Inc. 960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700

Chain of Custody Record

	Relinquished By	(Date / Time)	Received By	(Date / Time)
1	Casey Krause	8/24/11 17:00		
2				
3				
4				

Sampler Signature:

For Lab Use Only

Lab Contract No: EPW 898340
Unit Price: NA
Transfer To:
Lab Contract No:
Unit Price:

aa 08/25/11

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MF4T98	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497405 (HNO3) (1)	GW-259 C-	S: 8/24/2011	12:34		
MF4TB4	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497406 (HNO3) (1)	DUP-8	S: 8/24/2011	12:40		SDG Field Sample

aa 08/25/11

Shipment for Case Complete?	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
N	MF4T66	Casey Krause	4	

Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact?	Shipment Iced?
ISM01.2/ I = Total Metals			Y	Y

TR Number: 6-550447253-082411-0007

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 41679
DAS No:
SDG No: MF4T3

L

Date Shipped:	8/24/2011
Carrier Name:	UPS
Airbill:	1Z66V0740196366064
Shipped to:	Datachem Laboratories, Inc. 960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700

Chain of Custody Record

	Relinquished By	(Date / Time)	Received By	(Date / Time)
1	Casey Krause	8/24/11 17:00	[illegible]	08/25/11 1004
2				
3				
4				

Sampler Signature:

For Lab Use Only

Lab Contract No: EPW09836
Unit Price: N/A
Transfer To: aa 08/25/11
Lab Contract No:
Unit Price:

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MF4T67	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497409 (HNO3) (1)	GW-105 B	S: 8/24/2011	15:12		
MF4T68	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497410 (HNO3) (1)	GW-105 C	S: 8/24/2011	15:14		
MF4T73	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497407 (HNO3) (1)	GW-126 B	S: 8/24/2011	14:00		
MF4T74	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497408 (HNO3) (1)	GW-126 C	S: 8/24/2011	14:02		
MF4T83	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	497397 (HNO3) (1)	GW-151 B	S: 8/24/2011	15:10		
MF4T84	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	497398 (HNO3) (1)	GW-151 C	S: 8/24/2011	15:12		
MF4TA1	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497412 (HNO3) (1)	GW-299 B	S: 8/24/2011	16:08		
MF4TA2	Ground Water/ Casey Krause	L/G	ISM01.2/ I (21)	497413 (HNO3) (1)	GW-299 C	S: 8/24/2011	16:10		
MF4TA3	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	409521 (HNO3) (1)	GW-313 B	S: 8/24/2011	14:30		
MF4TA4	Ground Water/ Jason Brooks	L/G	ISM01.2/ I (21)	409522 (HNO3) (1)	GW-313 C	S: 8/24/2011	14:32		

aa 08/25/11

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 4	Chain of Custody Seal Number:
		Casey Krause		

Analysis Key: **Concentration:** L = Low, M = Low/Medium, H = High **Type/Designate:** Composite = C, Grab = G

Custody Seal Intact? Y | Shipment Iced? Y

ISM01.2/ I = Total Metals

TR Number: 6-550447253-082411-0008

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USEPA - CLP
COVER PAGE

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

SOW No.: ISM01.2

EPA Sample No.	Lab Sample ID
MF4T31	1123732001
MF4T32	1123732002
MF4T65	1123732003
MF4T66	1123732004
MF4T66D	1123732006
MF4T66S	1123732005
MF4T67	1123732007
MF4T68	1123732008
MF4T73	1123732009
MF4T74	1123732010
MF4T83	1123732011
MF4T84	1123732012
MF4T85	1123732013
MF4T86	1123732014
MF4T87	1123732015
MF4T88	1123732016
MF4T89	1123732017
MF4T90	1123732018
MF4T98	1123732019
MF4TA1	1123732020
MF4TA2	1123732021
MF4TB4	1123732022

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS Interelement corrections applied?	(Yes/No)	_____	Yes
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	_____	No
If yes - were raw data generated before application of background corrections?	(Yes/No)	_____	_____

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: Name: John Kershisnik

Date: 09/15/2011 Title: Chemist

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4T31

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732001

% Solids: Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	0.097	J		MS
7440-38-2	Arsenic	7.7			MS
7440-39-3	Barium	42.7			MS
7440-41-7	Beryllium	0.034	J		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	216000		D	MS
7440-47-3	Chromium	3.9			MS
7440-48-4	Cobalt	0.67	J		MS
7440-50-8	Copper	21.3			MS
7439-89-6	Iron	1590			MS
7439-92-1	Lead	3.9			MS
7439-95-4	Magnesium	53100			MS
7439-96-5	Manganese	0.17	J		MS
7439-97-6	Mercury				
7440-02-0	Nickel	3.7		E	MS
7440-09-7	Potassium	9790			MS
7782-49-2	Selenium	13.5			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	256000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	41.7			MS
7440-66-6	Zinc	24.0			MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4T32

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732002

% Solids: Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4.7	J		MS
7440-36-0	Antimony	0.098	J		MS
7440-38-2	Arsenic	7.9			MS
7440-39-3	Barium	42.1			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	212000		D	MS
7440-47-3	Chromium	0.75	J		MS
7440-48-4	Cobalt	0.67	J		MS
7440-50-8	Copper	39.1			MS
7439-89-6	Iron	1530			MS
7439-92-1	Lead	4.0			MS
7439-95-4	Magnesium	53200			MS
7439-96-5	Manganese	0.16	J		MS
7439-97-6	Mercury				
7440-02-0	Nickel	3.8		E	MS
7440-09-7	Potassium	9860			MS
7782-49-2	Selenium	12.9			MS
7440-22-4	Silver	0.0099	J		MS
7440-23-5	Sodium	252000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	5.0	U		MS
7440-66-6	Zinc	49.7			MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4T65

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732003

% Solids: Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	0.083	J		MS
7440-38-2	Arsenic	10.7			MS
7440-39-3	Barium	72.5			MS
7440-41-7	Beryllium	0.024	J		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	176000		D	MS
7440-47-3	Chromium	201.			MS
7440-48-4	Cobalt	0.35	J		MS
7440-50-8	Copper	2.0	U		MS
7439-89-6	Iron	1240			MS
7439-92-1	Lead	1.0	U		MS
7439-95-4	Magnesium	54400			MS
7439-96-5	Manganese	0.22	J		MS
7439-97-6	Mercury				
7440-02-0	Nickel	3.0		E	MS
7440-09-7	Potassium	3960			MS
7782-49-2	Selenium	15.8			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	158000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	37.6			MS
7440-66-6	Zinc	0.81	J		MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4T66

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732004

% Solids: Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3.1	J		MS
7440-36-0	Antimony	0.087	J		MS
7440-38-2	Arsenic	10.4			MS
7440-39-3	Barium	70.2			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	173000		D	MS
7440-47-3	Chromium	1.4	J		MS
7440-48-4	Cobalt	0.35	J		MS
7440-50-8	Copper	2.7			MS
7439-89-6	Iron	1310			MS
7439-92-1	Lead	0.088	J		MS
7439-95-4	Magnesium	52500			MS
7439-96-5	Manganese	0.32	J		MS
7439-97-6	Mercury				
7440-02-0	Nickel	3.1		E	MS
7440-09-7	Potassium	3810			MS
7782-49-2	Selenium	13.8			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	156000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	24.4			MS
7440-66-6	Zinc	2.9			MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4T67

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732007

% Solids: _____ Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	0.081	J		MS
7440-38-2	Arsenic	10.8			MS
7440-39-3	Barium	55.4			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	178000		D	MS
7440-47-3	Chromium	1.2	J		MS
7440-48-4	Cobalt	0.47	J		MS
7440-50-8	Copper	9.9			MS
7439-89-6	Iron	1310			MS
7439-92-1	Lead	2.0			MS
7439-95-4	Magnesium	54600			MS
7439-96-5	Manganese	0.097	J		MS
7439-97-6	Mercury				
7440-02-0	Nickel	5.0		E	MS
7440-09-7	Potassium	6880			MS
7782-49-2	Selenium	17.7			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	230000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	16.7			MS
7440-66-6	Zinc	21.7			MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4T68

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732008

% Solids: _____ Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8.8	J		MS
7440-36-0	Antimony	0.073	J		MS
7440-38-2	Arsenic	8.7			MS
7440-39-3	Barium	54.7			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	184000		D	MS
7440-47-3	Chromium	3.9			MS
7440-48-4	Cobalt	0.45	J		MS
7440-50-8	Copper	15.5			MS
7439-89-6	Iron	1270			MS
7439-92-1	Lead	0.46	J		MS
7439-95-4	Magnesium	55900			MS
7439-96-5	Manganese	0.13	J		MS
7439-97-6	Mercury				
7440-02-0	Nickel	4.5		E	MS
7440-09-7	Potassium	6970			MS
7782-49-2	Selenium	15.4			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	237000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	5.0	U		MS
7440-66-6	Zinc	18.1			MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4T73

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732009

% Solids: _____ Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	0.065	J		MS
7440-38-2	Arsenic	6.5			MS
7440-39-3	Barium	42.2			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	219000		D	MS
7440-47-3	Chromium	117.			MS
7440-48-4	Cobalt	0.72	J		MS
7440-50-8	Copper	16.1			MS
7439-89-6	Iron	1550			MS
7439-92-1	Lead	3.0			MS
7439-95-4	Magnesium	38800			MS
7439-96-5	Manganese	0.10	J		MS
7439-97-6	Mercury				
7440-02-0	Nickel	3.3		E	MS
7440-09-7	Potassium	7310			MS
7782-49-2	Selenium	11.9			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	185000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	26.0			MS
7440-66-6	Zinc	27.0			MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4T74

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732010

% Solids: Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	0.089	J		MS
7440-38-2	Arsenic	6.3			MS
7440-39-3	Barium	41.0			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	213000		D	MS
7440-47-3	Chromium	2.2			MS
7440-48-4	Cobalt	0.68	J		MS
7440-50-8	Copper	43.5			MS
7439-89-6	Iron	1500			MS
7439-92-1	Lead	2.7			MS
7439-95-4	Magnesium	37500			MS
7439-96-5	Manganese	0.14	J		MS
7439-97-6	Mercury				
7440-02-0	Nickel	3.5		E	MS
7440-09-7	Potassium	7110			MS
7782-49-2	Selenium	12.4			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	182000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	5.0	U		MS
7440-66-6	Zinc	62.5			MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4T83

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732011

% Solids: Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	0.074	J		MS
7440-38-2	Arsenic	7.1			MS
7440-39-3	Barium	21.7			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	247000		D	MS
7440-47-3	Chromium	127.			MS
7440-48-4	Cobalt	0.66	J		MS
7440-50-8	Copper	1.1	J		MS
7439-89-6	Iron	1680			MS
7439-92-1	Lead	0.049	J		MS
7439-95-4	Magnesium	51700			MS
7439-96-5	Manganese	1.2			MS
7439-97-6	Mercury				
7440-02-0	Nickel	3.1		E	MS
7440-09-7	Potassium	8330			MS
7782-49-2	Selenium	18.2			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	223000		D	MS
7440-28-0	Thallium	0.27	J		MS
7440-62-2	Vanadium	27.0			MS
7440-66-6	Zinc	1.4	J		MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4T84

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732012

% Solids: _____ Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	0.059	J		MS
7440-38-2	Arsenic	7.7			MS
7440-39-3	Barium	21.2			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	250000		D	MS
7440-47-3	Chromium	13.0			MS
7440-48-4	Cobalt	0.67	J		MS
7440-50-8	Copper	10.1			MS
7439-89-6	Iron	1800			MS
7439-92-1	Lead	0.45	J		MS
7439-95-4	Magnesium	51400			MS
7439-96-5	Manganese	0.058	J		MS
7439-97-6	Mercury				
7440-02-0	Nickel	3.3		E	MS
7440-09-7	Potassium	8360			MS
7782-49-2	Selenium	19.6			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	228000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	25.8			MS
7440-66-6	Zinc	15.8			MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4T85

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732013

% Solids: _____ Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	0.063	J		MS
7440-38-2	Arsenic	7.3			MS
7440-39-3	Barium	22.7			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	253000		D	MS
7440-47-3	Chromium	1.3	J		MS
7440-48-4	Cobalt	0.88	J		MS
7440-50-8	Copper	9.2			MS
7439-89-6	Iron	1760			MS
7439-92-1	Lead	4.3			MS
7439-95-4	Magnesium	53800			MS
7439-96-5	Manganese	0.19	J		MS
7439-97-6	Mercury				
7440-02-0	Nickel	4.3		E	MS
7440-09-7	Potassium	8610			MS
7782-49-2	Selenium	19.4			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	241000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	5.0	U		MS
7440-66-6	Zinc	94.2			MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4T86

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732014

% Solids: Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	0.072	J		MS
7440-38-2	Arsenic	1.0	U		MS
7440-39-3	Barium	23.4			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	250000		D	MS
7440-47-3	Chromium	0.63	J		MS
7440-48-4	Cobalt	0.50	J		MS
7440-50-8	Copper	13.4			MS
7439-89-6	Iron	1770			MS
7439-92-1	Lead	1.8			MS
7439-95-4	Magnesium	53500			MS
7439-96-5	Manganese	0.10	J		MS
7439-97-6	Mercury				
7440-02-0	Nickel	3.5		E	MS
7440-09-7	Potassium	8570			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	240000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	5.0	U		MS
7440-66-6	Zinc	39.9			MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4T87

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732015

% Solids: _____ Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	0.062	J		MS
7440-38-2	Arsenic	7.2			MS
7440-39-3	Barium	22.4			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	251000		D	MS
7440-47-3	Chromium	1.3	J		MS
7440-48-4	Cobalt	0.89	J		MS
7440-50-8	Copper	25.3			MS
7439-89-6	Iron	1840			MS
7439-92-1	Lead	7.0			MS
7439-95-4	Magnesium	53600			MS
7439-96-5	Manganese	0.28	J		MS
7439-97-6	Mercury				
7440-02-0	Nickel	4.3		E	MS
7440-09-7	Potassium	8430			MS
7782-49-2	Selenium	18.5			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	240000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	5.0	U		MS
7440-66-6	Zinc	99.3			MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4T88

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732016

% Solids: _____ Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	0.10	J		MS
7440-38-2	Arsenic	1.0	U		MS
7440-39-3	Barium	24.5			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	253000		D	MS
7440-47-3	Chromium	0.76	J		MS
7440-48-4	Cobalt	0.62	J		MS
7440-50-8	Copper	21.6			MS
7439-89-6	Iron	2010			MS
7439-92-1	Lead	4.7			MS
7439-95-4	Magnesium	53400			MS
7439-96-5	Manganese	0.27	J		MS
7439-97-6	Mercury				
7440-02-0	Nickel	4.7		E	MS
7440-09-7	Potassium	8690			MS
7782-49-2	Selenium	0.29	J		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	244000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	5.0	U		MS
7440-66-6	Zinc	239.			MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4T89

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732017

% Solids: _____ Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	0.066	J		MS
7440-38-2	Arsenic	7.5			MS
7440-39-3	Barium	23.6			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	249000		D	MS
7440-47-3	Chromium	1.6	J		MS
7440-48-4	Cobalt	0.89	J		MS
7440-50-8	Copper	17.5			MS
7439-89-6	Iron	1840			MS
7439-92-1	Lead	8.9			MS
7439-95-4	Magnesium	53300			MS
7439-96-5	Manganese	0.22	J		MS
7439-97-6	Mercury				
7440-02-0	Nickel	4.8		E	MS
7440-09-7	Potassium	8540			MS
7782-49-2	Selenium	18.5			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	236000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	0.34	J		MS
7440-66-6	Zinc	84.2			MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4T90

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732018

% Solids: Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	0.065	J		MS
7440-38-2	Arsenic	1.0	U		MS
7440-39-3	Barium	24.3			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	0.074	J		MS
7440-70-2	Calcium	248000		D	MS
7440-47-3	Chromium	0.63	J		MS
7440-48-4	Cobalt	0.63	J		MS
7440-50-8	Copper	9.5			MS
7439-89-6	Iron	2120			MS
7439-92-1	Lead	3.9			MS
7439-95-4	Magnesium	54500			MS
7439-96-5	Manganese	0.53	J		MS
7439-97-6	Mercury				
7440-02-0	Nickel	6.0		E	MS
7440-09-7	Potassium	8690			MS
7782-49-2	Selenium	5.0	U		MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	234000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	5.0	U		MS
7440-66-6	Zinc	218.			MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4T98

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732019

% Solids: Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5.6	J		MS
7440-36-0	Antimony	0.087	J		MS
7440-38-2	Arsenic	6.5			MS
7440-39-3	Barium	25.5			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	151000		D	MS
7440-47-3	Chromium	0.74	J		MS
7440-48-4	Cobalt	0.64	J		MS
7440-50-8	Copper	74.2			MS
7439-89-6	Iron	1130			MS
7439-92-1	Lead	5.3			MS
7439-95-4	Magnesium	28300			MS
7439-96-5	Manganese	0.25	J		MS
7439-97-6	Mercury				
7440-02-0	Nickel	3.0		E	MS
7440-09-7	Potassium	6000			MS
7782-49-2	Selenium	11.4			MS
7440-22-4	Silver	0.012	J		MS
7440-23-5	Sodium	216000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	1.3	J		MS
7440-66-6	Zinc	76.5			MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4TA1

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732020

% Solids: Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18.5	J		MS
7440-36-0	Antimony	0.067	J		MS
7440-38-2	Arsenic	7.7			MS
7440-39-3	Barium	24.7			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	213000		D	MS
7440-47-3	Chromium	1.9	J		MS
7440-48-4	Cobalt	0.83	J		MS
7440-50-8	Copper	3.0			MS
7439-89-6	Iron	1560			MS
7439-92-1	Lead	0.096	J		MS
7439-95-4	Magnesium	51200			MS
7439-96-5	Manganese	0.94	J		MS
7439-97-6	Mercury				
7440-02-0	Nickel	3.6		E	MS
7440-09-7	Potassium	7690			MS
7782-49-2	Selenium	15.4			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	232000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	5.1			MS
7440-66-6	Zinc	3.1			MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4TA2

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732021

% Solids: _____ Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8.5	J		MS
7440-36-0	Antimony	0.20	J		MS
7440-38-2	Arsenic	7.9			MS
7440-39-3	Barium	24.5			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	0.15	J		MS
7440-70-2	Calcium	215000		D	MS
7440-47-3	Chromium	1.7	J		MS
7440-48-4	Cobalt	0.88	J		MS
7440-50-8	Copper	179.			MS
7439-89-6	Iron	1710			MS
7439-92-1	Lead	38.9			MS
7439-95-4	Magnesium	51300			MS
7439-96-5	Manganese	1.4			MS
7439-97-6	Mercury				
7440-02-0	Nickel	9.1		E	MS
7440-09-7	Potassium	7710			MS
7782-49-2	Selenium	16.5			MS
7440-22-4	Silver	0.014	J		MS
7440-23-5	Sodium	231000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	5.0	U		MS
7440-66-6	Zinc	601.			MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
MF4TB4

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Matrix: Water Lab Sample ID: 1123732022

% Solids: _____ Date Received: 08/25/2011

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	0.069	J		MS
7440-38-2	Arsenic	6.5			MS
7440-39-3	Barium	25.0			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	150000		D	MS
7440-47-3	Chromium	0.96	J		MS
7440-48-4	Cobalt	0.58	J		MS
7440-50-8	Copper	6.1			MS
7439-89-6	Iron	1130			MS
7439-92-1	Lead	1.1			MS
7439-95-4	Magnesium	27900			MS
7439-96-5	Manganese	0.092	J		MS
7439-97-6	Mercury				
7440-02-0	Nickel	2.7		E	MS
7440-09-7	Potassium	5970			MS
7782-49-2	Selenium	11.0			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	211000		D	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	1.3	J		MS
7440-66-6	Zinc	11.1			MS
57-12-5	Cyanide				

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:
E: The reported value is estimated due to the presence of interference.

USEPA - CLP
2A-IN
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

Initial Calibration Verification Source: 12638

Continuing Calibration Verification Source: 12641

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	527.78	105	50000.0	50341	101	50246	100	MS
Antimony	199.0	186.79	94	2500.0	2541	102	2456	98	MS
Arsenic	200.0	200.48	100	2500.0	2396	96	2320	93	MS
Barium	99.0	97.83	99	2500.0	2437	97	2343	94	MS
Beryllium	99.0	102.37	103	2500.0	2454	98	2497	100	MS
Cadmium	99.0	96.84	98	2500.0	2378	95	2311	92	MS
Calcium	2005.0	1893.00	94	50000.0	49099	98	50932	102	MS
Chromium	98.0	98.03	100	2500.0	2463	99	2398	96	MS
Cobalt	100.0	101.17	101	2500.0	2433	97	2406	96	MS
Copper	98.0	100.27	102	2500.0	2352	94	2333	93	MS
Iron	1016.0	1004.60	99	50000.0	48686	97	48298	97	MS
Lead	200.0	195.64	98	2500.0	2525	101	2481	99	MS
Magnesium	1215.0	1208.30	99	50000.0	46750	94	47546	95	MS
Manganese	100.0	96.76	97	2500.0	2451	98	2397	96	MS
Mercury									
Nickel	101.0	100.13	99	2500.0	2352	94	2311	92	MS
Potassium	2004.0	1989.60	99	50000.0	50050	100	51300	103	MS
Selenium	206.0	202.65	98	250.0	237.80	95	232.52	93	MS
Silver	100.0	97.29	97	250.0	238.10	95	230.74	92	MS
Sodium	2019.0	1944.20	96	50000.0	48112	96	47960	96	MS
Thallium	206.0	198.41	96	2500.0	2531	101	2489	100	MS
Vanadium	100.0	98.32	98	2500.0	2525	101	2456	98	MS
Zinc	205.0	211.89	103	2500.0	2386	95	2316	93	MS
Cyanide									

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

USEPA - CLP
2A-IN
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Initial Calibration Verification Source: _____

Continuing Calibration Verification Source: 12641

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					M
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum									
Antimony				2500.0	2561	102			MS
Arsenic				2500.0	2419	97			MS
Barium				2500.0	2442	98			MS
Beryllium									
Cadmium				2500.0	2376	95			MS
Calcium				50000.0	50938	102			MS
Chromium				2500.0	2541	102			MS
Cobalt				2500.0	2530	101			MS
Copper				2500.0	2464	99			MS
Iron				50000.0	50877	102			MS
Lead				2500.0	2596	104			MS
Magnesium									
Manganese				2500.0	2522	101			MS
Mercury									
Nickel				2500.0	2420	97			MS
Potassium									
Selenium				250.0	241.68	97			MS
Silver				250.0	238.42	95			MS
Sodium				50000.0	46075	92			MS
Thallium				2500.0	2604	104			MS
Vanadium				2500.0	2617	105			MS
Zinc				2500.0	2413	97			MS
Cyanide									

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

USEPA - CLP
3-IN
BLANKS

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

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)	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			20.000	U	MS
Antimony	0.101	J	0.599	J	0.726	J	0.718	J	2.000	U	MS
Arsenic	1.000	U	0.616	J	0.774	J	0.716	J	1.000	U	MS
Barium	0.030	J	0.580	J	0.774	J	0.699	J	10.000	U	MS
Beryllium	1.000	U	0.131	J	0.149	J			0.036	J	MS
Cadmium	0.033	J	0.609	J	0.662	J	0.723	J	1.000	U	MS
Calcium	500.000	U	500.000	U	500.000	U	500.000	U	5.135	J	MS
Chromium	2.000	U	0.653	J	0.756	J	0.791	J	0.379	J	MS
Cobalt	0.032	J	0.596	J	0.734	J	0.758	J	1.000	U	MS
Copper	2.000	U	1.157	J	0.965	J	0.995	J	2.000	U	MS
Iron	200.000	U	13.008	J	14.539	J	16.972	J	200.000	U	MS
Lead	0.077	J	0.619	J	0.758	J	0.772	J	0.026	J	MS
Magnesium	0.540	J	1.651	J	2.921	J			0.702	J	MS
Manganese	0.040	J	0.578	J	0.711	J	0.730	J	1.000	U	MS
Mercury											
Nickel	1.000	U	0.605	J	0.712	J	0.729	J	1.000	U	MS
Potassium	500.000	U	18.112	J	10.060	J			11.429	J	MS
Selenium	5.000	U	5.000	U	5.000	U	5.000	U	5.000	U	MS
Silver	0.035	J	0.082	J	0.098	J	0.090	J	1.000	U	MS
Sodium	5.689	J	14.250	J	11.314	J	9.743	J	8.398	J	MS
Thallium	1.000	U	0.593	J	0.666	J	0.685	J	0.246	J	MS
Vanadium	5.000	U	0.570	J	0.705	J	0.711	J	-0.392	J	MS
Zinc	2.000	U	0.645	J	0.757	J	0.734	J	2.000	U	MS
Cyanide											

USEPA - CLP
4B-IN
ICP-MS INTERFERENCE CHECK SAMPLE

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

ICP-MS Instrument ID: ICPM02 ICSA Source: 12639

ICSB Source: 12640

Concentration Units: ug/L

Analyte	True		Found			
	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R
Aluminum	100000	100000	103000	103	102000	102
Antimony	1.5	22.0	1.1	73	20.6	94
Arsenic	0.10	19.0	0.16	0	19.0	100
Barium	1.2	22.0	1.5	125	21.8	99
Beryllium	0	19.0	0.27		17.9	94
Cadmium	0.70	20.0	0.32	46	19.2	96
Calcium	100000	100000	103000	103	104000	104
Chromium	21.0	40.0	19.3	92	39.1	98
Cobalt	1.0	20.0	1.3	130	21.1	106
Copper	8.0	25.0	7.6	95	26.2	105
Iron	100000	100000	101000	101	101000	101
Lead	4.0	25.0	4.3	108	24.4	98
Magnesium	100000	100000	93800	94	92800	93
Manganese	7.0	27.0	7.5	107	27.1	100
Molybdenum						
Nickel	6.0	24.0	5.9	98	24.7	103
Potassium	100000	100000	106000	106	106000	106
Selenium	0.30	19.0	-0.53	177	18.1	95
Silver	0	18.0	0.0076		18.3	102
Sodium	100000	100000	97900	98	97200	97
Thallium	0	21.0	0.16		20.3	97
Titanium						
Vanadium	0.50	19.0	-2.3	460	17.4	92
Zinc	11.0	29.0	11.0	100	29.4	101

USEPA - CLP
5A-IN
MATRIX SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.
MF4T66S

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

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
Aluminum									NR
Antimony	75-125	94.0670		0.0872	J	100.00	94		MS
Arsenic	75-125	46.9690		10.3530		40.00	92		MS
Barium	75-125	1970.6000		70.2230		2000.00	95		MS
Beryllium	75-125	42.5090		1.0000	U	50.00	85		MS
Cadmium	75-125	46.5690		1.0000	U	50.00	93		MS
Calcium									NR
Chromium	75-125	177.9500		1.3991	J	200.00	88		MS
Cobalt	75-125	450.5500		0.3516	J	500.00	90		MS
Copper	75-125	206.5300		2.7354		250.00	82		MS
Iron									NR
Lead	75-125	19.3260		0.0880	J	20.00	96		MS
Magnesium									NR
Manganese	75-125	447.9100		0.3211	J	500.00	90		MS
Mercury									
Nickel	75-125	418.1800		3.0513		500.00	83		MS
Potassium									NR
Selenium	75-125	24.1730		13.7700		10.00	104		MS
Silver	75-125	45.5790		1.0000	U	50.00	91		MS
Sodium									NR
Thallium	75-125	47.0420		1.0000	U	50.00	94		MS
Vanadium	75-125	520.9900		24.4050		500.00	99		MS
Zinc	75-125	440.1600		2.8574		500.00	87		MS
Cyanide									

Comments:

USEPA - CLP
6-IN
DUPLICATES

EPA SAMPLE NO.
MF4T66D

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

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		3.0660	J	3.7727	J	21		MS
Antimony		0.0872	J	0.1048	J	18		MS
Arsenic		10.3530		10.4010		0		MS
Barium		70.2230		70.8680		1		MS
Beryllium		1.0000	U	1.0000	U			MS
Cadmium		1.0000	U	1.0000	U			MS
Calcium		172760.0000		171690.0000		1		MS
Chromium		1.3991	J	1.4449	J	3		MS
Cobalt		0.3516	J	0.4544	J	26		MS
Copper	2.000	2.7354		2.7289		0		MS
Iron		1310.2000		1163.3000		12		MS
Lead		0.0880	J	0.0793	J	10		MS
Magnesium		52515.0000		53133.0000		1		MS
Manganese		0.3211	J	0.4377	J	31		MS
Mercury								
Nickel	1.000	3.0513		3.0475		0		MS
Potassium		3811.6000		3840.8000		1		MS
Selenium	5.000	13.7700		14.5990		6		MS
Silver		1.0000	U	1.0000	U			MS
Sodium		156452.0000		156552.0000		0		MS
Thallium		1.0000	U	1.0000	U			MS
Vanadium	5.000	24.4050		24.4050		0		MS
Zinc	2.000	2.8574		2.8413		1		MS
Cyanide								

USEPA - CLP
7-IN
LABORATORY CONTROL SAMPLE

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Analyte	Aqueous/Water (ug/L), Soil/Sediment (mg/kg), Wipe/Filter (ug)		
	True	Found	%R
Aluminum	40.0	36.49	91
Antimony	4.0	3.59	90
Arsenic	2.0	1.86	93
Barium	20.0	18.17	91
Beryllium	2.0	1.88	94
Cadmium	2.0	1.90	95
Calcium	1000.0	881.69	88
Chromium	4.0	3.91	98
Cobalt	2.0	1.87	94
Copper	4.0	3.93	98
Iron	400.0	371.89	93
Lead	2.0	1.83	92
Magnesium	1000.0	938.12	94
Manganese	2.0	1.84	92
Mercury			
Nickel	2.0	1.82	91
Potassium	1000.0	1056.60	106
Selenium	10.0	9.48	95
Silver	2.0	1.85	93
Sodium	1000.0	954.04	95
Thallium	2.0	1.81	91
Vanadium	10.0	9.31	93
Zinc	4.0	3.56	89
Cyanide			

USEPA - CLP
8-IN
ICP-AES and ICP-MS SERIAL DILUTIONS

EPA SAMPLE NO.
MF4T66L

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

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	3.0660	J	5.0455	J	65		MS
Antimony	0.0872	J	10.0000	U	100		MS
Arsenic	10.3530		10.6720		3		MS
Barium	70.2230		71.0700		1		MS
Beryllium	1.0000	U	5.0000	U			MS
Cadmium	1.0000	U	5.0000	U			MS
Calcium	172760.0000		158310.0000		8		MS
Chromium	1.3991	J	1.6425	J	17		MS
Cobalt	0.3516	J	0.4050	J	15		MS
Copper	2.7354		3.0425		11		MS
Iron	1310.2000		1350.0000		3		MS
Lead	0.0880	J	0.0870	J	1		MS
Magnesium	52515.0000		56070.0000		7		MS
Manganese	0.3211	J	0.4995	J	56		MS
Nickel	3.0513		3.6805		21	E	MS
Potassium	3811.6000		3908.1500		3		MS
Selenium	13.7700		14.7750		7		MS
Silver	1.0000	U	5.0000	U			MS
Sodium	156452.0000		161820.0000		3		MS
Thallium	1.0000	U	5.0000	U			MS
Vanadium	24.4050		25.2440		3		MS
Zinc	2.8574		6.3790		123		MS

USEPA - CLP
9-IN
METHOD DETECTION LIMIT (MDL) (ANNUALLY)

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Instrument Type: MS Instrument ID: ICPM02 Date: 01/27/2011

Preparation Method: 200.8

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

Analyte	Wavelength/Mass	MDL
Aluminum	27.00	3.0
Antimony	121.00	0.058
Arsenic	75.00	0.17
Barium	137.00	0.029
Beryllium	9.00	0.023
Cadmium	111.00	0.027
Calcium	44.00	4.6
Chromium	52.00	0.16
Cobalt	59.00	0.013
Copper	63.00	0.71
Iron	57.00	3.8
Lead	206,207,208	0.011
Magnesium	24.00	0.23
Manganese	55.00	0.022
Mercury		
Nickel	60.00	0.055
Potassium	39.00	6.7
Selenium	82.00	0.28
Silver	107.00	0.0070
Sodium	23.00	3.2
Thallium	205.00	0.11
Vanadium	51.00	0.27
Zinc	66.00	0.24
Cyanide		

Comments:

USEPA - CLP
11-IN
INTERNAL STANDARD ASSOCIATION

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

ICP-MS Instrument ID: ICPM02 Date: 09/13/2011

Analyte	Assoc. Internal Standard 1	Assoc. Internal Standard 2
Aluminum		
Antimony	Rh	Tb
Arsenic	Sc	Y
Barium	Rh	Tb
Beryllium		
Cadmium	Y	Rh
Calcium		
Chromium	Sc	Y
Cobalt	Sc	Y
Copper	Sc	Y
Iron	Sc	Y
Lead	Tb	Bi
Magnesium		
Manganese	Sc	Y
Nickel	Sc	Y
Potassium		
Selenium	Sc	Y
Silver	Y	Rh
Sodium		
Thallium	Tb	Bi
Vanadium	Sc	Y
Zinc	Sc	Y

USEPA - CLP
11-IN
INTERNAL STANDARD ASSOCIATION

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

ICP-MS Instrument ID: ICPM02 Date: 09/14/2011

Analyte	Assoc. Internal Standard 1	Assoc. Internal Standard 2
Aluminum	Li	Sc
Antimony		
Arsenic		
Barium		
Beryllium	Li	Sc
Cadmium		
Calcium	Li	Sc
Chromium		
Cobalt		
Copper		
Iron		
Lead		
Magnesium	Li	Sc
Manganese		
Nickel		
Potassium	Li	Sc
Selenium		
Silver		
Sodium	Li	Sc
Thallium		
Vanadium		
Zinc		

USEPA - CLP
12-IN
PREPARATION LOG

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Preparation Method: 200.8

EPA Sample No.	Preparation Date	Initial Weight/Volume (g) or (ml)	Final Volume (mL)
PBW	09/07/2011	50	50
LCS	09/07/2011	50	50
MF4T31	09/07/2011	50	50
MF4T32	09/07/2011	50	50
MF4T65	09/07/2011	50	50
MF4T66	09/07/2011	50	50
MF4T66D	09/07/2011	50	50
MF4T66S	09/07/2011	50	50
MF4T67	09/07/2011	50	50
MF4T68	09/07/2011	50	50
MF4T73	09/07/2011	50	50
MF4T74	09/07/2011	50	50
MF4T83	09/07/2011	50	50
MF4T84	09/07/2011	50	50
MF4T85	09/07/2011	50	50
MF4T86	09/07/2011	50	50
MF4T87	09/07/2011	50	50
MF4T88	09/07/2011	50	50
MF4T89	09/07/2011	50	50
MF4T90	09/07/2011	50	50
MF4T98	09/07/2011	50	50
MF4TA1	09/07/2011	50	50
MF4TA2	09/07/2011	50	50
MF4TB4	09/07/2011	50	50

USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

Instrument ID: ICPM02 Analysis Method: MS

Start Date: 09/13/2011 End Date: 09/13/2011

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	1310																													
S0	1.0	1332		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						
S	1.0	1336		X	X	X		X		X	X	X		X		X		X		X	X		X	X	X						
S10	1.0	1340		X	X			X		X	X	X	X	X		X		X		X	X		X	X	X						
S50	1.0	1344		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						
S200	1.0	1349		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						
S500	1.0	1353		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						
S1000	1.0	1357		X	X	X		X		X	X	X	X	X		X		X					X	X	X						
S2000	1.0	1401		X	X	X		X		X	X	X	X	X		X		X					X	X	X						
S5000	1.0	1406		X	X	X		X		X	X	X	X	X		X		X					X	X	X						
S50000	1.0	1410											X																		
S100000	1.0	1414											X																		
ICV	1.0	1419		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						
ICB	1.0	1423		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						
ICSA	1.0	1427		X	X	X		X		X	X	X		X		X		X		X	X		X	X	X						
ICSAB	1.0	1432		X	X	X		X		X	X	X		X		X		X		X	X		X	X	X						
ICSA	2.0	1436											X																		
ICSAB	2.0	1440											X																		
CCV	1.0	1444		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						
CCB	1.0	1449		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						
PBW	1.0	1453		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						
LCS	1.0	1458		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						
MF4T31	1.0	1502		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						
MF4T32	1.0	1506		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						
MF4T65	1.0	1511		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						
MF4T66	1.0	1515		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						
MF4T66S	1.0	1519		X	X	X		X		X	X	X		X		X		X		X	X		X	X	X						
MF4T66D	1.0	1524		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						
MF4T66L	5.0	1528		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						
MF4T67	1.0	1532		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						
MF4T68	1.0	1536		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						
MF4T73	1.0	1541		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X						

USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Instrument ID: ICPM02 Analysis Method: MS

Start Date: 09/13/2011 End Date: 09/13/2011

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		
MF4T74	1.0	1545		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X			
ZZZZZZ	1.0	1549																													
CCV2	1.0	1554		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X			
CCB2	1.0	1558		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X			
MF4T83	1.0	1602		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X			
MF4T84	1.0	1607		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X			
MF4T85	1.0	1611		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X			
MF4T86	1.0	1615		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X			
MF4T87	1.0	1619		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X			
MF4T88	1.0	1624		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X			
MF4T89	1.0	1628		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X			
MF4T90	1.0	1632		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X			
MF4T98	1.0	1637		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X			
MF4TA1	1.0	1641		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X			
MF4TA2	1.0	1645		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X			
MF4TB4	1.0	1650		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X			
ZZZZZZ	1.0	1654																													
CCV3	1.0	1658		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X			
CCB3	1.0	1703		X	X	X		X		X	X	X	X	X		X		X		X	X		X	X	X			

USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

Instrument ID: ICPM02 Analysis Method: MS

Start Date: 09/14/2011 End Date: 09/14/2011

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	1358																										
S0	1.0	1415	X				X		X						X				X			X						
S	1.0	1418					X																					
S10	1.0	1421	X				X		X						X				X			X						
S50	1.0	1424	X				X		X						X				X			X						
S200	1.0	1427	X				X		X						X				X			X						
S500	1.0	1430	X				X		X						X				X			X						
S1000	1.0	1433	X				X		X						X				X			X						
S2000	1.0	1436	X				X		X						X				X			X						
S5000	1.0	1440	X				X		X						X				X			X						
S50000	1.0	1443	X						X						X				X			X						
S100000	1.0	1446	X						X						X				X			X						
ICV	1.0	1449	X				X		X						X				X			X						
ICB	1.0	1452	X				X		X						X				X			X						
ICSA	1.0	1455					X								X							X						
ICSAB	1.0	1458					X								X							X						
ICSA	2.0	1501	X						X										X									
ICSAB	2.0	1504	X						X										X									
CCV	1.0	1507	X				X		X						X				X			X						
CCB	1.0	1510	X				X		X						X				X			X						
PBW	1.0	1513	X				X		X						X				X			X						
LCS	1.0	1517	X				X		X						X				X			X						
MF4T31	1.0	1520	X				X								X				X									
MF4T32	1.0	1523	X				X								X				X									
MF4T65	1.0	1526	X				X								X				X									
MF4T66	1.0	1529	X				X								X				X									
MF4T66S	1.0	1532					X																					
MF4T66D	1.0	1535	X				X								X				X									
MF4T66L	5.0	1538	X				X								X				X									
MF4T67	1.0	1541	X				X								X				X									
MF4T68	1.0	1544	X				X								X				X									
MF4T73	1.0	1548	X				X								X				X									

USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Instrument ID: ICPM02 Analysis Method: MS

Start Date: 09/14/2011 End Date: 09/14/2011

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		
MF4T74	1.0	1551	X				X								X				X									
MF4T83	1.0	1554	X				X								X				X									
MF4T84	1.0	1557	X				X								X				X									
MF4T85	1.0	1600	X				X								X				X									
MF4T86	1.0	1603	X				X								X				X									
MF4T87	1.0	1606	X				X								X				X									
MF4T88	1.0	1609	X				X								X				X									
MF4T89	1.0	1612	X				X								X				X									
MF4T90	1.0	1615	X				X								X				X									
MF4T98	1.0	1618	X				X								X				X									
MF4TA1	1.0	1621	X				X								X				X									
MF4TA2	1.0	1624	X				X								X				X									
MF4TB4	1.0	1627	X				X								X				X									
ZZZZZZ	1.0	1631																										
CCV2	1.0	1634	X				X		X						X				X			X						
CCB2	1.0	1637	X				X		X						X				X			X						
MF4T31	3.0	1640							X													X						
MF4T32	3.0	1643							X													X						
MF4T65	2.0	1646							X													X						
MF4T66	2.0	1649							X													X						
MF4T66S	2.0	1652																										
MF4T66D	2.0	1655							X													X						
MF4T66L	10.	1658							X													X						
MF4T67	3.0	1701							X													X						
MF4T68	3.0	1704							X													X						
MF4T73	3.0	1707							X													X						
MF4T74	3.0	1710							X													X						
MF4T83	3.0	1714							X													X						
MF4T87	3.0	1717							X													X						
MF4T85	3.0	1720							X													X						
MF4T86	3.0	1723							X													X						
MF4T84	3.0	1726							X													X						

USEPA - CLP
13-IN
ANALYSIS RUN LOG

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: ________ SDG No.: MF4T31

Instrument ID: ICPM02 Analysis Method: MS

Start Date: 09/14/2011 End Date: 09/14/2011

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		
MF4T88	3.0	1729							X													X						
MF4T89	3.0	1732							X													X						
MF4T90	3.0	1735							X													X						
MF4T98	3.0	1738							X													X						
MF4TA1	3.0	1741							X													X						
MF4TA2	3.0	1744							X													X						
MF4TB4	3.0	1747							X													X						
CCV3	1.0	1750							X													X						
CCB3	1.0	1753							X													X						

USEPA - CLP
14-IN
ICP-MS Tune

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

ICP-MS Instrument ID: ICPM02 Date: 09/13/2011

Element - Mass	Avg. Measured Mass (amu)	Average Peak Width (amu)	%Height	%RSD
Be - 9	9.01	0.77	5	4.0
Mg - 24	23.99	0.82	5	1.8
Mg - 25	24.99	0.82	5	1.9
Mg - 26	25.98	0.82	5	1.1
Co - 59	58.93	0.82	5	1.3
In - 113	112.90	0.77	5	1.1
In - 115	114.90	0.77	5	0.4
Pb - 206	205.97	0.82	5	1.2
Pb - 207	206.98	0.82	5	1.2
Pb - 208	207.98	0.82	5	1.3

Comments:

Instrument manufacturer's specification for peak height is 0.65 to 0.85 amu with the peak width measured at 5% of the peak maximum.

USEPA - CLP
14-IN
ICP-MS Tune

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

ICP-MS Instrument ID: ICPM02 Date: 09/14/2011

Element - Mass	Avg. Measured Mass (amu)	Average Peak Width (amu)	%Height	%RSD
Be - 9	9.01	0.77	5	1.4
Mg - 24	23.99	0.77	5	1.0
Mg - 25	24.99	0.77	5	1.2
Mg - 26	25.98	0.77	5	1.2
Co - 59	58.93	0.77	5	1.0
In - 113	112.90	0.77	5	1.0
In - 115	114.90	0.77	5	0.8
Pb - 206	205.97	0.77	5	0.8
Pb - 207	206.98	0.77	5	0.6
Pb - 208	207.98	0.77	5	0.6

Comments:

Instrument manufacturer's specification for peak height is 0.65 to 0.85 amu with the peak width measured at 5% of the peak maximum.

USEPA - CLP
15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

ICP-MS Instrument ID: ICPM02 Start Date: 09/13/2011 End Date: 09/13/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
S0	1332	100		100		100		100		100	
S	1336	102		100		100		101		101	
S10	1340	104		101		100		100		98	
S50	1344	105		100		98		99		98	
S200	1349	98		97		97		98		99	
S500	1353	100		97		95		96		96	
S1000	1357	94		94		92		94		93	
S2000	1401	89		91		91		92		93	
S5000	1406	93		92		90		92		91	
S50000	1410	86		89		86		86		86	
S100000	1414	81		89		85		84		84	
ICV	1419	96		100		97		98		96	
ICB	1423	103		103		99		100		97	
ICSA	1427	74		85		84		84		87	
ICSAB	1432	76		86		85		84		86	
ICSA	1436	80		91		90		89		90	
ICSAB	1440	82		91		91		90		92	
CCV	1444	83		93		91		91		92	
CCB	1449	103		103		100		101		99	
PBW	1453	104		99		99		99		99	
LCS	1458	98		98		97		98		101	
MF4T31	1502	78		86		84		79		87	
MF4T32	1506	79		87		85		80		88	
MF4T65	1511	80		88		87		82		91	
MF4T66	1515	82		89		86		82		89	
MF4T66S	1519	79		87		85		81		90	
MF4T66D	1524	79		87		86		81		91	
MF4T66L	1528	91		95		93		92		96	
MF4T67	1532	79		87		85		80		90	
MF4T68	1536	78		86		85		80		91	
MF4T73	1541	81		88		87		82		91	
MF4T74	1545	81		89		88		83		92	

USEPA - CLP
15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

ICP-MS Instrument ID: ICPM02 Start Date: 09/13/2011 End Date: 09/13/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
S0	1332	100									
S	1336	100									
S10	1340	98									
S50	1344	97									
S200	1349	99									
S500	1353	97									
S1000	1357	95									
S2000	1401	94									
S5000	1406	90									
S50000	1410	83									
S100000	1414	81									
ICV	1419	96									
ICB	1423	97									
ICSA	1427	83									
ICSAB	1432	82									
ICSA	1436	88									
ICSAB	1440	90									
CCV	1444	89									
CCB	1449	99									
PBW	1453	98									
LCS	1458	99									
MF4T31	1502	80									
MF4T32	1506	81									
MF4T65	1511	85									
MF4T66	1515	83									
MF4T66S	1519	84									
MF4T66D	1524	85									
MF4T66L	1528	93									
MF4T67	1532	84									
MF4T68	1536	85									
MF4T73	1541	85									
MF4T74	1545	86									

USEPA - CLP
15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

ICP-MS Instrument ID: ICPM02 Start Date: 09/13/2011 End Date: 09/13/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
ZZZZZZ	1549										
CCV2	1554	89		92		89		89		89	
CCB2	1558	117		102		99		100		98	
MF4T83	1602	81		87		86		81		90	
MF4T84	1607	83		88		86		81		90	
MF4T85	1611	82		88		87		82		91	
MF4T86	1615	89		97		93		88		94	
MF4T87	1619	84		91		88		82		90	
MF4T88	1624	89		96		92		87		92	
MF4T89	1628	80		88		87		81		90	
MF4T90	1632	90		95		91		86		91	
MF4T98	1637	86		89		86		82		89	
MF4TA1	1641	80		87		86		80		90	
MF4TA2	1645	85		91		87		81		88	
MF4TB4	1650	81		87		85		81		89	
ZZZZZZ	1654										
CCV3	1658	90		92		87		88		86	
CCB3	1703	117		102		98		99		96	

USEPA - CLP
15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

ICP-MS Instrument ID: ICPM02 Start Date: 09/13/2011 End Date: 09/13/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	1549										
CCV2	1554	86									
CCB2	1558	99									
MF4T83	1602	84									
MF4T84	1607	82									
MF4T85	1611	83									
MF4T86	1615	87									
MF4T87	1619	83									
MF4T88	1624	84									
MF4T89	1628	83									
MF4T90	1632	82									
MF4T98	1637	83									
MF4TA1	1641	83									
MF4TA2	1645	81									
MF4TB4	1650	83									
ZZZZZZ	1654										
CCV3	1658	84									
CCB3	1703	96									

USEPA - CLP
15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

ICP-MS Instrument ID: ICPM02 Start Date: 09/14/2011 End Date: 09/14/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
S0	1415	100		100		100		100		100	
S	1418	99		99		98		98		97	
S10	1421	99		99		97		98		97	
S50	1424	99		99		96		97		96	
S200	1427	98		97		97		97		98	
S500	1430	97		94		96		96		98	
S1000	1433	94		93		92		93		93	
S2000	1436	93		91		88		90		90	
S5000	1440	93		89		87		87		87	
S50000	1443	83		84		81		81		82	
S100000	1446	76		82		76		76		76	
ICV	1449	91		97		92		92		91	
ICB	1452	95		99		95		95		92	
ICSA	1455	78		82		82		83		87	
ICSAB	1458	80		83		85		85		90	
ICSA	1501	84		88		91		92		97	
ICSAB	1504	85		89		92		92		98	
CCV	1507	85		89		89		89		92	
CCB	1510	98		100		101		101		103	
PBW	1513	100		99		100		100		102	
LCS	1517	101		99		101		101		103	
MF4T31	1520	85		88		89		83		95	
MF4T32	1523	85		87		89		83		96	
MF4T65	1526	88		90		91		86		101	
MF4T66	1529	90		90		92		86		101	
MF4T66S	1532	87		89		90		84		97	
MF4T66D	1535	89		90		91		85		98	
MF4T66L	1538	99		97		99		97		105	
MF4T67	1541	89		89		92		85		102	
MF4T68	1544	88		89		92		86		103	
MF4T73	1548	89		90		92		85		100	
MF4T74	1551	91		91		92		86		100	

USEPA - CLP
15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

ICP-MS Instrument ID: ICPM02 Start Date: 09/14/2011 End Date: 09/14/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
S0	1415	100									
S	1418	97									
S10	1421	97									
S50	1424	97									
S200	1427	99									
S500	1430	99									
S1000	1433	95									
S2000	1436	92									
S5000	1440	88									
S50000	1443	81									
S100000	1446	74									
ICV	1449	92									
ICB	1452	93									
ICSA	1455	84									
ICSAB	1458	87									
ICSA	1501	94									
ICSAB	1504	95									
CCV	1507	90									
CCB	1510	103									
PBW	1513	102									
LCS	1517	103									
MF4T31	1520	86									
MF4T32	1523	87									
MF4T65	1526	93									
MF4T66	1529	94									
MF4T66S	1532	90									
MF4T66D	1535	90									
MF4T66L	1538	103									
MF4T67	1541	93									
MF4T68	1544	94									
MF4T73	1548	92									
MF4T74	1551	92									

USEPA - CLP
15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

ICP-MS Instrument ID: ICPM02 Start Date: 09/14/2011 End Date: 09/14/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
MF4T83	1554	89		89		93		86		102	
MF4T84	1557	90		90		93		86		103	
MF4T85	1600	90		90		93		86		101	
MF4T86	1603	99		97		97		90		101	
MF4T87	1606	91		91		92		86		100	
MF4T88	1609	98		98		98		91		103	
MF4T89	1612	91		91		95		87		104	
MF4T90	1615	98		98		98		91		103	
MF4T98	1618	92		92		93		87		101	
MF4TA1	1621	90		90		91		84		99	
MF4TA2	1624	90		91		93		86		101	
MF4TB4	1627	90		90		94		88		104	
ZZZZZZ	1631										
CCV2	1634	90		88		88		88		93	
CCB2	1637	102		101		102		100		103	
MF4T31	1640	95		93		95		91		100	
MF4T32	1643	95		92		96		92		104	
MF4T65	1646	94		91		95		91		105	
MF4T66	1649	92		90		94		89		102	
MF4T66S	1652	92		91		93		89		101	
MF4T66D	1655	93		91		93		89		101	
MF4T66L	1658	100		96		100		98		107	
MF4T67	1701	94		92		97		93		106	
MF4T68	1704	94		90		96		92		106	
MF4T73	1707	96		93		97		93		105	
MF4T74	1710	97		94		98		94		104	
MF4T83	1714	97		93		97		92		104	
MF4T87	1717	95		92		97		93		107	
MF4T85	1720	95		91		98		94		109	
MF4T86	1723	102		96		101		97		108	
MF4T84	1726	97		92		97		93		105	
MF4T88	1729	102		96		100		96		105	

USEPA - CLP
15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

ICP-MS Instrument ID: ICPM02 Start Date: 09/14/2011 End Date: 09/14/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
MF4T83	1554	93									
MF4T84	1557	93									
MF4T85	1600	92									
MF4T86	1603	92									
MF4T87	1606	90									
MF4T88	1609	94									
MF4T89	1612	95									
MF4T90	1615	93									
MF4T98	1618	93									
MF4TA1	1621	90									
MF4TA2	1624	92									
MF4TB4	1627	97									
ZZZZZZ	1631										
CCV2	1634	92									
CCB2	1637	105									
MF4T31	1640	96									
MF4T32	1643	101									
MF4T65	1646	100									
MF4T66	1649	97									
MF4T66S	1652	97									
MF4T66D	1655	97									
MF4T66L	1658	106									
MF4T67	1701	102									
MF4T68	1704	102									
MF4T73	1707	101									
MF4T74	1710	101									
MF4T83	1714	100									
MF4T87	1717	102									
MF4T85	1720	104									
MF4T86	1723	103									
MF4T84	1726	101									
MF4T88	1729	101									

USEPA - CLP
15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

ICP-MS Instrument ID: ICPM02 Start Date: 09/14/2011 End Date: 09/14/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
MF4T89	1732	97		92		98		94		107	
MF4T90	1735	103		96		103		99		112	
MF4T98	1738	97		91		99		95		109	
MF4TA1	1741	94		89		95		91		103	
MF4TA2	1744	94		88		95		91		105	
MF4TB4	1747	94		89		97		93		108	
CCV3	1750	90		85		89		88		95	
CCB3	1753	102		98		101		100		105	

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USEPA - CLP
15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

ICP-MS Instrument ID: ICPM02 Start Date: 09/14/2011 End Date: 09/14/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
MF4T89	1732	102									
MF4T90	1735	108									
MF4T98	1738	106									
MF4TA1	1741	100									
MF4TA2	1744	101									
MF4TB4	1747	106									
CCV3	1750	95									
CCB3	1753	106									

USEPA - CLP
16-IN
INITIAL CALIBRATION

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Instrument ID: ICPM02 Start Date: 09/13/2011

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum									
Antimony	0.0	0.0000		2	1.8812	6	10	9.3327	7
Arsenic	0.0	0.0000		1	0.9008	10	10	10.0930	-1
Barium	0.0	0.0000		10	9.5434	5			
Beryllium									
Cadmium	0.0	0.0000		1	0.9226	8	10	9.6792	3
Calcium									
Chromium	0.0	0.0000		2	1.9644	2	10	9.7808	2
Cobalt	0.0	0.0000		1	0.9869	1	10	9.8898	1
Copper	0.0	0.0000		2	1.8873	6	10	9.9006	1
Iron	0.0	0.0000					10	9.5136	5
Lead	0.0	0.0000		1	0.9361	6	10	9.5798	4
Magnesium									
Manganese	0.0	0.0000		1	0.9426	6	10	9.5844	4
Mercury									
Nickel	0.0	0.0000		1	0.9532	5	10	9.8221	2
Potassium									
Selenium	0.0	0.0000		5	4.7457	5	10	10.0110	0
Silver	0.0	0.0000		1	0.9609	4	10	9.7260	3
Sodium									
Thallium	0.0	0.0000		1	0.9063	9	10	9.3993	6
Vanadium	0.0	0.0000		5	5.0565	-1	10	9.7004	3
Zinc	0.0	0.0000		2	1.6036	20	10	10.7050	-7
Cyanide									

Control Limits ±30

USEPA - CLP
16-IN
INITIAL CALIBRATION

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

Instrument ID: ICPM02 Start Date: 09/13/2011

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum									
Antimony	50	45.7540	8	200	189.110	5	500	476.910	5
Arsenic	50	49.2630	1	200	200.190	0	500	496.930	1
Barium	50	47.3640	5	200	191.570	4	500	481.420	4
Beryllium									
Cadmium	50	47.6300	5	200	196.600	2	500	491.860	2
Calcium									
Chromium	50	47.9890	4	200	196.860	2	500	503.430	-1
Cobalt	50	49.3970	1	200	202.730	-1	500	523.040	-5
Copper	50	49.0800	2	200	198.980	1	500	504.650	-1
Iron	50	48.5730	3	200	192.080	4	500	486.980	3
Lead	50	46.9000	6	200	193.920	3	500	495.660	1
Magnesium									
Manganese	50	46.9330	6	200	194.000	3	500	506.340	-1
Mercury									
Nickel	50	48.9370	2	200	196.610	2	500	498.780	0
Potassium									
Selenium	50	49.5420	1	200	201.790	-1	500	499.330	0
Silver	50	48.0840	4	200	197.710	1	500	501.120	0
Sodium									
Thallium	50	46.0410	8	200	192.770	4	500	500.840	0
Vanadium	50	47.6520	5	200	195.960	2	500	504.960	-1
Zinc	50	50.9230	-2	200	211.180	-6	500	525.070	-5
Cyanide									

Control Limits ±30

USEPA - CLP
16-IN
INITIAL CALIBRATION

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

Instrument ID: ICPM02 Start Date: 09/13/2011

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum									
Antimony	1000	952.170	5	2000	2036.80	-2	5000	4997.60	0
Arsenic	1000	987.500	1	2000	2004.10	0	5000	5001.20	0
Barium	1000	948.330	5	2000	1971.70	1	5000	5023.90	0
Beryllium									
Cadmium	1000	962.790	4	2000	2000.00	0	5000	5008.40	0
Calcium									
Chromium	1000	994.650	1	2000	2018.00	-1	5000	4993.70	0
Cobalt	1000	1004.40	0	2000	2007.10	0	5000	4993.90	0
Copper	1000	1006.60	-1	2000	2035.30	-2	5000	4984.10	0
Iron	1000	962.760	4	2000	1959.00	2	5000	4842.50	3
Lead	1000	968.850	3	2000	2026.10	-1	5000	4996.50	0
Magnesium									
Manganese	1000	994.180	1	2000	2010.90	-1	5000	4996.50	0
Mercury									
Nickel	1000	986.450	1	2000	2003.90	0	5000	5001.40	0
Potassium									
Selenium									
Silver									
Sodium									
Thallium	1000	973.340	3	2000	2022.60	-1	5000	4996.60	0
Vanadium	1000	1001.30	0	2000	2017.10	-1	5000	4992.60	0
Zinc	1000	1036.40	-4	2000	2136.30	-7	5000	4935.20	1
Cyanide									

Control Limits ±30

USEPA - CLP
16-IN
INITIAL CALIBRATION

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

Instrument ID: ICPM02 Start Date: 09/13/2011

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron	50000	50045.0	0	100000	99987.0	0			
Lead									
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

Control Limits ±30

USEPA - CLP
16-IN
INITIAL CALIBRATION

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Instrument ID: ICPM02 Start Date: 09/14/2011

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0.0	0.0000					10	7.9922	20
Antimony									
Arsenic									
Barium									
Beryllium	0.0	0.0000		1	0.9920	1	10	9.7248	3
Cadmium									
Calcium	0.0	0.0000					10	8.8478	12
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium	0.0	0.0000					10	9.0622	9
Manganese									
Mercury									
Nickel									
Potassium	0.0	0.0000					10	12.0150	-20
Selenium									
Silver									
Sodium	0.0	0.0000					10	8.1762	18
Thallium									
Vanadium									
Zinc									
Cyanide									

Control Limits ±30

USEPA - CLP
16-IN
INITIAL CALIBRATION

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Instrument ID: ICPM02 Start Date: 09/14/2011

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	50	45.8200	8	200	190.170	5	500	489.140	2
Antimony									
Arsenic									
Barium									
Beryllium	50	49.1070	2	200	187.080	6	500	470.630	6
Cadmium									
Calcium	50	43.1280	14	200	173.130	13	500	435.050	13
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium	50	44.6260	11	200	174.950	13	500	441.260	12
Manganese									
Mercury									
Nickel									
Potassium	50	48.7550	2	200	191.450	4	500	483.640	3
Selenium									
Silver									
Sodium	50	41.2430	18	200	165.250	17	500	460.490	8
Thallium									
Vanadium									
Zinc									
Cyanide									

Control Limits ±30

USEPA - CLP
16-IN
INITIAL CALIBRATION

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: _____ SDG No.: MF4T31

Instrument ID: ICPM02 Start Date: 09/14/2011

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	1000	996.380	0	2000	1989.10	1	5000	4923.30	2
Antimony									
Arsenic									
Barium									
Beryllium	1000	1006.00	-1	2000	2063.00	-3	5000	4977.10	0
Cadmium									
Calcium	1000	888.780	11	2000	1804.40	10	5000	4524.20	10
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium	1000	973.110	3	2000	1924.60	4	5000	4813.40	4
Manganese									
Mercury									
Nickel									
Potassium	1000	1002.50	0	2000	1997.80	0	5000	4975.50	0
Selenium									
Silver									
Sodium	1000	979.920	2	2000	1943.90	3	5000	4821.70	4
Thallium									
Vanadium									
Zinc									
Cyanide									

Control Limits ±30

USEPA - CLP
16-IN
INITIAL CALIBRATION

Lab Name: ALS Environmental Contract: EPW09036

Lab Code: DATAC Case No.: 41679 Mod. Ref. No.: SDG No.: MF4T31

Instrument ID: ICPM02 Start Date: 09/14/2011

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	50000	49287.0	1	100000	100360.	0			
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium	50000	50010.0	0	100000	100020.	0			
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium	50000	48318.0	3	100000	100850.	-1			
Manganese									
Mercury									
Nickel									
Potassium	50000	49781.0	0	100000	100110.	0			
Selenium									
Silver									
Sodium	50000	48871.0	2	100000	100580.	-1			
Thallium									
Vanadium									
Zinc									
Cyanide									

Control Limits ±30

Run MS211094 Summary		51V	52Cr	55Mn	57Fe	59Co	60Ni	63Cu	66Zn	75As	82Se	107Ag	111Cd	121Sb	137Ba	205Tl	208Pb	6Li	45Sc	89Y	103Rh	159Tb	209Bi
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
S0	09/13/2011 13:32:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
S	09/13/2011 13:36:15	5.0565	1.9644	0.9426	-0.2526	0.9869	0.9532	1.8873	1.6036	0.9008	4.7457	0.9609	0.9226	1.8812	9.5434	0.9063	0.9361	102.09%	100.42%	100.12%	100.58%	100.51%	100.11%
S10	09/13/2011 13:40:32	9.7004	9.7808	9.5844	9.5136	9.8898	9.8221	9.9006	10.705	10.093	10.011	9.726	9.6792	9.3327	9.6762	9.3993	9.5798	104.10%	101.25%	99.80%	100.40%	98.39%	98.43%
S50	09/13/2011 13:44:49	47.652	47.989	46.933	48.573	49.397	48.937	49.08	50.923	49.263	49.542	48.084	47.63	45.754	47.364	46.041	46.9	105.11%	100.04%	98.23%	99.13%	97.64%	97.34%
S200	09/13/2011 13:49:07	195.96	196.86	194	192.08	202.73	196.61	198.98	211.18	200.19	201.79	197.71	196.6	189.11	191.57	192.77	193.92	97.74%	97.39%	97.29%	98.30%	98.74%	99.26%
S500	09/13/2011 13:53:23	504.96	503.43	506.34	486.98	523.04	498.78	504.65	525.07	496.93	499.33	501.12	491.86	476.91	481.42	500.84	495.66	100.37%	96.53%	95.49%	96.41%	95.74%	96.92%
S1000	09/13/2011 13:57:39	1001.3	994.65	994.18	962.76	1004.4	986.45	1006.6	1036.4	987.5	0.0972	0.3247	962.79	952.17	948.33	973.34	968.85	93.85%	93.70%	92.04%	93.59%	92.95%	95.19%
S2000	09/13/2011 14:01:57	2017.1	2018	2010.9	1959	2007.1	2003.9	2035.3	2136.3	2004.1	0.0988	0.1097	2000	2036.8	1971.7	2022.6	2026.1	89.01%	91.29%	91.33%	92.33%	92.54%	94.15%
S5000	09/13/2011 14:06:15	4992.6	4993.7	4996.5	4842.5	4993.9	5001.4	4984.1	4935.2	5001.2	0.2278	0.0415	5008.4	4997.6	5023.9	4996.6	4996.5	93.43%	91.84%	90.36%	91.76%	90.60%	90.40%
S50000	09/13/2011 14:10:32	1.4251	2.6018	2.4324	50045	2.4098	2.7382	2.0277	2.6767	1.6862	0.0336	0.0098	1.4796	1.5794	1.6022	1.59	1.6326	85.63%	89.46%	85.85%	85.83%	85.59%	83.16%
S100000	09/13/2011 14:14:51	-0.2193	2.1149	1.8751	99987	1.6506	2.2283	0.6269	1.3185	0.1014	-0.4411	0.017	0.0347	0.133	0.2862	0.075	0.1158	80.73%	88.83%	84.71%	84.30%	84.22%	80.97%
ICV	09/13/2011 14:19:10	98.32	98.026	96.756	1004.6	101.17	100.13	100.27	211.89	200.48	202.65	97.294	96.836	186.79	97.833	198.41	195.64	95.83%	99.87%	97.02%	98.00%	95.71%	95.59%
ICB	09/13/2011 14:23:28	0.0387	0.0591	0.04	1.2229	0.032	0.0475	0.189	0.1688	0.1064	0.1425	0.0345	0.0331	0.1009	0.0301	0.0642	0.0774	102.51%	103.14%	99.11%	100.49%	97.03%	96.67%
ICSA	09/13/2011 14:27:45	-2.273	19.312	7.5051	101930	1.3149	5.9118	7.559	10.981	0.1597	-0.5299	0.0076	0.3237	1.127	1.5403	0.1615	4.2828	73.66%	84.80%	83.94%	83.62%	86.59%	83.46%
ICSAB	09/13/2011 14:32:03	17.378	39.147	27.143	102240	21.061	24.708	26.244	29.415	19.028	18.145	18.344	19.233	20.617	21.832	20.334	24.371	75.68%	86.13%	84.60%	84.36%	86.27%	82.22%
ICSA-2X	09/13/2011 14:36:25	-1.2553	9.6045	3.7269	50475	0.6606	3.0259	4.3218	5.9726	0.1501	-0.2489	0.0028	0.274	0.4992	0.7821	-0.0493	2.1188	80.33%	91.26%	89.76%	89.26%	90.43%	87.59%
ICSAB-2X	09/13/2011 14:40:42	8.481	19.052	13.248	50347	10.322	12.509	13.497	15.516	9.4914	9.0987	9.1407	9.7061	10.02	10.601	9.7197	11.78	81.77%	90.78%	90.51%	89.88%	92.38%	89.61%
CCV	09/13/2011 14:44:59	2525.4	2462.8	2451	48686	2432.8	2352.3	2351.7	2386.2	2396.2	237.8	238.1	2377.9	2541.4	2437.4	2531.3	2525.2	82.96%	93.21%	91.45%	91.25%	92.31%	88.92%
CCB	09/13/2011 14:49:24	0.5697	0.6531	0.5776	13.008	0.5964	0.6052	1.1574	0.6454	0.6162	0.0275	0.0815	0.6089	0.5991	0.5798	0.5926	0.6191	103.43%	103.13%	100.25%	100.83%	99.29%	98.94%
PBW	09/13/2011 14:53:49	-0.3916	0.3792	0.0123	-0.9658	0.0027	0.0217	0.3836	-0.2024	0.0432	0.0084	0.0032	0.0155	0.0369	0.0046	0.2458	0.0257	104.38%	99.42%	99.04%	99.33%	98.85%	98.14%
LCS	09/13/2011 14:58:08	9.3105	3.9093	1.8414	371.89	1.87	1.8242	3.9306	3.5646	1.8606	9.4753	1.8463	1.9045	3.5911	18.166	1.8092	1.8337	98.08%	97.89%	97.20%	97.70%	100.85%	99.09%
MF4T31	09/13/2011 15:02:30	41.721	3.9342	0.1675	1593.8	0.6703	3.7438	21.307	24.03	7.7435	13.537	0.0032	-0.0164	0.0966	42.712	0.0156	3.8915	77.93%	85.80%	83.78%	79.12%	86.94%	80.08%
MF4T32	09/13/2011 15:06:50	-0.4151	0.7513	0.1582	1534.1	0.6715	3.8157	39.107	49.725	7.8561	12.897	0.0099	-0.01	0.0975	42.1	-0.0274	4.0369	79.47%	86.55%	84.80%	80.14%	88.32%	81.21%
MF4T65	09/13/2011 15:11:09	37.6	200.88	0.2204	1237.1	0.353	2.9974	0.5772	0.8097	10.708	15.762	-0.0092	-0.0276	0.0833	72.543	-0.0499	0.0001	80.19%	88.07%	86.60%	81.94%	90.53%	84.55%
MF4T66	09/13/2011 15:15:26	24.405	1.3991	0.3211	1310.2	0.3516	3.0513	2.7354	2.8574	10.353	13.77	-0.0025	-0.021	0.0872	70.223	-0.0646	0.088	81.66%	88.52%	85.82%	81.81%	89.14%	83.07%
MF4T66S	09/13/2011 15:19:47	520.99	177.95	447.91	1328.3	450.55	418.18	206.53	440.16	46.969	24.173	45.579	46.569	94.067	1970.6	47.042	19.326	78.52%	86.66%	85.21%	80.95%	89.83%	83.68%
MF4T66D	09/13/2011 15:24:05	24.405	1.4449	0.4377	1163.3	0.4544	3.0475	2.7289	2.8413	10.401	14.599	0.0047	-0.0295	0.1048	70.868	-0.0611	0.0793	79.27%	87.39%	86.27%	81.03%	90.64%	84.81%
MF4T66L	09/13/2011 15:28:22	5.0488	0.3285	0.0999	270	0.081	0.7361	0.6085	1.2758	2.1344	2.955	-0.0095	-0.0369	0.0098	14.214	-0.0885	0.0174	91.11%	94.70%	93.41%	92.05%	95.52%	93.49%
MF4T67	09/13/2011 15:32:39	16.734	1.1617	0.0969	1308.6	0.4685	4.9621	9.9362	21.713	10.758	17.68	-0.0052	-0.015	0.0806	55.371	-0.0772	2.03	78.58%	86.63%	85.12%	80.36%	89.80%	83.61%
MF4T68	09/13/2011 15:36:56	-0.9675	3.8565	0.1342	1269.5	0.4511	4.5397	15.496	18.143	8.6895	15.361	-0.0052	-0.0378	0.0726	54.651	-0.0807	0.464	77.60%	85.61%	84.94%	80.30%	90.90%	84.69%
MF4T73	09/13/2011 15:41:14	25.986	116.85	0.1006	1552.4	0.7175	3.3043	16.126	27.01	6.5002	11.93	-0.0061	-0.0165	0.065	42.216	-0.0829	3.0028	80.64%	87.95%	86.68%	82.09%	91.25%	84.66%
MF4T74	09/13/2011 15:45:32	0.0433	2.1547	0.1388	1496.8	0.6781	3.4761	43.472	62.531	6.261	12.434	0.0012	-0.0046	0.0885	41.036	-0.0841	2.6824	81.23%	88.79%	88.01%	83.01%	92.22%	85.61%
ZZZZZZ	09/13/2011 15:49:49	-0.4324	0.1588	0.0076	-2.3057	-0.0104	0.0008	-0.0169	0.6385	-0.0979	0.037	-0.0123	-0.0442	-0.0001	0.0111	-0.0935	-0.0101	95.23%	95.43%	96.39%	96.13%	100.34%	100.77%
CCV2	09/13/2011 15:54:09	2456.3	2397.8	2396.5	48298	2406.3	2310.7	2332.7	2315.9	2320	232.52	230.74	2310.5	2455.5	2342.9	2488.6	2480.7	88.72%	92.11%	88.89%	88.55%	88.50%	85.92%
CCB2	09/13/2011 15:58:29	0.7046	0.7561	0.7105	14.539	0.7342	0.7122	0.9652	0.7569	0.7742	0.1777	0.0983	0.6619	0.7263	0.7742	0.6661	0.7582	116.64%	101.82%	99.41%	99.52%	98.36%	98.77%
MF4T83	09/13/2011 16:02:49	26.964	126.69	1.2316	1676.2	0.6616	3.1343	1.0659	1.4091	7.1262	18.154	0.0026	-0.0114	0.0744	21.668	0.2668	0.0488	81.24%	87.22%	85.98%	80.94%	90.46%	83.55%
MF4T84	09/13/2011 16:07:05	25.783	13.013	0.0577	1795.2	0.6682	3.2607	10.113	15.801	7.6503	19.645	-0.0007	-0.0389	0.059	21.163	-0.0329	0.4465	82.94%	88.27%	86.26%	80.83%	89.59%	81.58%
MF4T85	09/13/2011 16:11:23	-0.0169	1.3493	0.1867	1756.9	0.8818	4.3363	9.1615	94.235	7.3195	19.372	-0.0031	-0.0408	0.0632	22.721	-0.0623	4.2725	81.88%	88.48%	86.83%	81.83%	90.51%	83.08%
MF4T86	09/13/2011 16:15:39	-0.4505	0.6325	0.1034	1767.7	0.4993	3.4721	13.353	39.917	-0.0293	0.0709	-0.0032	-0.0175	0.0716	23.364	-0.0668	1.7859	88.79%	96.51%	92.77%	87.73%	94.43%	86.69%
MF4T87	09/13/2011 16:19:57	-0.502	1.2609	0.2789	1839.9	0.8901	4.315	25.254	99.308	7.2215	18.486	-0.0037	-0.0135	0.0621	22.442	-0.0772	7.0321	84.32%	90.59%	88.10%	82.49%	90.43%	82.72%
MF4T88	09/13/2011 16:24:14	-0.6255	0.7636	0.2698	2008.7	0.6192	4.7252	21.57	238.66	0.046	0.2866	-0.0011	-0.0142	0.1038	24.456	-0.0782	4.703	89.22%	95.75%	91.80%	86.79%	92.03%	84.09%
MF4T89	09/13/2011 16:28:32	0.3433	1.6353	0.2173	1837.1	0.8943	4.8148	17.509	84.237	7.5486	18.525	-0.0051	-0.0147	0.0661	23.597	-0.0833	8.8877	80.38%	87.86%	86.55%	80.80%	90.08%	82.66%
MF4T90	09/13/2011 16:32:50	-0.5324	0.6255	0.534	2122.2	0.6309	5.9906	9.4742	218.07	-0.1847	-0.1297	0.0012	0.0736	0.065	24.292	-0.0835	3.8839	89.96%	95.37%	91.21%	86.47%	90.53%	82.40%
MF4T98	09/13/2011 16:37:08	1.3451	0.7356	0.2476	1127.1	0.6394	3.0381	74.167	76.471	6.5329	11.443	0.0119	-0.0411	0.087	25.478	-0.0904	5.2846	86.12%	88.57%	85.91%	81.52%	88.89%	83.00%
MF4TA1	09/13/2011 16:41:32	5.1058	1.9154	0.9442	1559.5	0.83	3.5876	2.9569	3.1264	7.6638	15.394	-0.004	-0.0465	0.0667	24.72	-0.0882	0.0959	79.70%	87.08%	86.27%	79.95%	89.70%	82.77%
MF4TA2	09/13/2011 16:45:54	-0.6269	1.7324	1.4324	1712.6	0.8841	9.0519	179.07	601.39	7.9465	16.459	0.0139	0.147	0.1966	24.509	-0.0807	38.929	85.08%	90.65%	86.77%	81.48%	88.32%	80.89%
MF4TB4	09/13/2011 16:50:11	1.3438	0.9603	0.0917	1131.2	0.581	2.7018	6.1088	11.11	6.5247	10.95	-0.0058	-0.0293	0.069	25.013	-0.0927	1.0905	80.67%	86.58%	85.14%	80.76%	88.98%	83.45%
ZZZZZZ	09/13/2011 16:54:30	-0.4688	0.1827	0.0073	-3.1825	-0.0092	-0.0079	-0.0146	-0.5323	0.0178	0.2358	-0.0126	-0.0439	0.0005	0.0077	-0.0978	-0.0154	102.90%	94.75%	93.92%	94.17%	96.19%	97.04%
CCV3	09/13/2011 16:58:47	2616.5	2540.8	2522.4	50877	2529.5	2420	2464.1	2412.8	2418.6	241.68	238.42	2376	2560.6	2441.5	2604.3	2596.4	90.07%	91.84%	87.27%	87.68%	85.77%	83.50%
CCB3	09/13/2011 17:03:07	0.7105	0.7906	0.7302	16.972	0.758	0.7293	0.9948	0.7342	0.7157	-0.0152	0.09	0.7234	0.7179	0.6985	0.6846	0.7721	117.12%	102.46%	98.13%	99.07%	95.92%	95.96%

99999

Run ms211095 Summary		9Be	23Na	24Mg	27Al	39K	44Ca	6Li	45Sc	89Y	103Rh	159Tb	209Bi
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
S0	09/14/2011 14:15:35	0	0	0	0	0	0	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
S	09/14/2011 14:18:37	0.992	-0.3176	0.023	-1.9982	2.4878	-0.5837	98.89%	98.57%	97.73%	97.88%	96.89%	97.17%
S10	09/14/2011 14:21:40	9.7248	8.1762	9.0622	7.9922	12.015	8.8478	99.45%	99.37%	96.98%	97.52%	96.56%	96.92%
S50	09/14/2011 14:24:44	49.107	41.243	44.626	45.82	48.755	43.128	98.52%	98.53%	96.44%	96.81%	96.23%	96.56%
S200	09/14/2011 14:27:47	187.08	165.25	174.95	190.17	191.45	173.13	98.05%	96.72%	96.61%	97.03%	98.38%	99.26%
S500	09/14/2011 14:30:49	470.63	460.49	441.26	489.14	483.64	435.05	96.52%	94.26%	95.56%	96.21%	97.69%	98.98%
S1000	09/14/2011 14:33:54	1006	979.92	973.11	996.38	1002.5	888.78	94.43%	92.78%	91.59%	92.61%	93.39%	94.86%
S2000	09/14/2011 14:36:59	2063	1943.9	1924.6	1989.1	1997.8	1804.4	93.43%	91.44%	88.43%	89.96%	90.27%	91.64%
S5000	09/14/2011 14:40:04	4977.1	4821.7	4813.4	4923.3	4975.5	4524.2	93.23%	88.95%	86.88%	87.35%	87.32%	88.33%
S50000	09/14/2011 14:43:08	0.4788	48871	48318	49287	49781	50010	83.20%	83.72%	80.59%	80.66%	82.26%	81.39%
S100000	09/14/2011 14:46:13	0.0446	100580	100850	100360	100110	100020	75.80%	81.52%	75.93%	76.18%	75.70%	74.43%
ICV	09/14/2011 14:49:18	102.37	1944.2	1208.3	527.78	1989.6	1893	91.00%	96.97%	92.43%	92.11%	90.59%	91.59%
ICB	09/14/2011 14:52:22	0.0136	5.6889	0.5395	-1.5377	5.2544	-1.2828	95.08%	99.27%	95.13%	95.02%	92.36%	93.34%
ICSA	09/14/2011 14:55:27	0.2683	97935	93784	101320	104550	102420	77.83%	81.83%	82.11%	82.69%	86.60%	83.58%
ICSAB	09/14/2011 14:58:30	17.881	97202	92750	100330	105300	102400	79.63%	82.94%	85.01%	85.33%	90.43%	86.56%
ICSA-2X	09/14/2011 15:01:35	0.1807	49117	47307	51568	53201	51447	83.75%	88.49%	91.30%	91.73%	97.25%	94.48%
ICSAB-2X	09/14/2011 15:04:39	9.283	48853	46936	50804	53105	51860	84.95%	88.91%	91.88%	92.19%	97.92%	95.11%
CCV	09/14/2011 15:07:42	2454.4	48112	46750	50341	50050	49099	85.13%	88.86%	88.76%	89.03%	91.51%	89.79%
CCB	09/14/2011 15:10:48	0.1314	14.25	1.6509	-0.2709	18.112	1.2568	97.52%	100.02%	101.18%	101.07%	102.58%	103.09%
PBW	09/14/2011 15:13:54	0.0362	8.3976	0.7016	-0.4994	11.429	5.1352	99.80%	98.57%	100.13%	100.41%	102.19%	102.36%
LCS	09/14/2011 15:17:00	1.8827	954.04	938.12	36.49	1056.6	881.69	101.43%	99.19%	100.73%	101.07%	102.75%	103.08%
MF4T31	09/14/2011 15:20:06	0.0343	250530	53125	1.8796	9788.2	204650	85.39%	88.31%	88.77%	82.96%	94.99%	86.00%
MF4T32	09/14/2011 15:23:11	0.0135	248610	53163	4.7332	9857.7	204930	85.36%	87.11%	88.76%	82.50%	95.78%	87.42%
MF4T65	09/14/2011 15:26:16	0.024	156980	54407	0.6501	3961.1	171660	88.32%	89.61%	91.39%	86.39%	100.65%	92.82%
MF4T66	09/14/2011 15:29:18	0.0058	151900	52515	3.066	3811.6	166400	90.01%	89.56%	91.51%	86.07%	100.99%	93.58%
MF4T66S	09/14/2011 15:32:38	42.509	157340	54569	1950.3	3977.2	171310	87.24%	88.83%	89.62%	84.49%	97.08%	90.03%
MF4T66D	09/14/2011 15:35:47	0.0039	154660	53133	3.7727	3840.8	167170	89.22%	90.18%	90.59%	84.75%	97.71%	90.35%
MF4T66L	09/14/2011 15:38:50	-0.0107	31979	11214	1.0091	781.63	35629	99.15%	96.82%	99.33%	97.27%	105.38%	103.21%
MF4T67	09/14/2011 15:41:54	-0.0039	226000	54571	0.6603	6877.3	174270	88.50%	89.30%	92.11%	85.28%	102.07%	92.97%
MF4T68	09/14/2011 15:44:57	-0.0013	230690	55888	8.7781	6970.1	177020	88.42%	89.28%	92.16%	85.95%	102.61%	93.57%
MF4T73	09/14/2011 15:48:00	-0.0008	184430	38760	0.0663	7312.4	215380	89.11%	90.48%	92.15%	85.49%	100.27%	91.63%
MF4T74	09/14/2011 15:51:03	-0.0033	179730	37481	0.6116	7112.6	209120	90.90%	90.89%	92.28%	85.70%	100.10%	92.07%
MF4T83	09/14/2011 15:54:08	0.001	222890	51695	-0.1428	8332.9	243070	89.49%	89.33%	92.92%	86.11%	102.40%	92.75%
MF4T84	09/14/2011 15:57:13	-0.0084	224010	51421	0.7867	8362.7	245620	90.11%	90.09%	93.08%	86.41%	102.90%	93.26%
MF4T85	09/14/2011 16:00:18	-0.0073	240090	53768	-0.8618	8612	246770	89.83%	90.15%	92.77%	85.73%	100.99%	91.65%
MF4T86	09/14/2011 16:03:22	-0.0019	239750	53493	-0.4826	8565	244710	98.53%	97.32%	96.68%	90.14%	101.07%	92.06%
MF4T87	09/14/2011 16:06:25	-0.0035	240130	53631	0.2716	8431.3	244800	90.94%	91.39%	92.33%	85.67%	99.52%	90.42%
MF4T88	09/14/2011 16:09:27	-0.0069	239650	53388	1.4361	8686.1	248460	98.10%	97.66%	98.11%	91.43%	103.34%	94.07%
MF4T89	09/14/2011 16:12:33	-0.0019	237710	53280	1.1749	8542.6	245230	91.15%	91.20%	94.75%	87.43%	104.04%	94.54%
MF4T90	09/14/2011 16:15:37	-0.0059	240490	54459	-0.7943	8686.3	248300	98.15%	97.85%	97.71%	91.32%	102.76%	93.13%
MF4T98	09/14/2011 16:18:41	-0.0054	219690	28258	5.6141	5996.6	149140	91.52%	91.65%	93.13%	87.29%	101.20%	93.40%
MF4TA1	09/14/2011 16:21:46	-0.0066	231790	51160	18.548	7689.1	209800	89.79%	89.69%	91.43%	84.45%	99.22%	90.30%
MF4TA2	09/14/2011 16:24:51	-0.0078	233080	51329	8.5155	7714.6	211610	90.14%	90.50%	92.80%	85.84%	101.31%	92.43%
MF4TB4	09/14/2011 16:27:54	-0.0067	216230	27852	-0.1457	5971.8	147830	90.06%	89.85%	93.72%	87.89%	104.39%	96.71%
ZZZZZZ	09/14/2011 16:31:00	-0.0184	26.547	2.1603	-1.7097	2.2531	11.267	104.30%	98.49%	104.60%	103.65%	111.71%	112.65%
CCV2	09/14/2011 16:34:04	2497.1	47960	47546	50246	51300	50932	90.36%	88.21%	88.02%	87.57%	92.62%	91.57%
CCB2	09/14/2011 16:37:10	0.1488	11.314	2.9206	0.7671	10.06	0.8392	102.12%	100.73%	101.84%	100.34%	103.40%	104.90%
MF4T31-3x	09/14/2011 16:40:18	0	85478	18194	-0.0306	3377.5	72064	95.24%	93.27%	94.92%	90.69%	99.97%	96.39%
MF4T32-3x	09/14/2011 16:43:21	-0.003	83935	17839	-0.1452	3349.6	70723	95.44%	92.43%	95.92%	92.28%	104.02%	100.54%
MF4T65-2x	09/14/2011 16:46:24	-0.0022	78972	27324	-0.5915	2038.3	88076	93.74%	90.57%	94.60%	90.59%	104.72%	100.13%
MF4T66-2x	09/14/2011 16:49:29	-0.0019	78226	27304	0.7948	1982.1	86380	92.14%	90.28%	93.67%	89.31%	101.79%	97.41%
MF4T66S-2x	09/14/2011 16:52:32	22.219	79561	28010	995.85	2038.7	88666	92.09%	90.51%	92.56%	89.12%	100.97%	96.67%
MF4T66D-2x	09/14/2011 16:55:36	-0.0048	78276	27325	1.201	1951.1	85845	93.28%	90.79%	93.49%	89.36%	100.77%	96.58%
MF4T66L-2x	09/14/2011 16:58:41	-0.0108	16182	5707.4	-0.4311	403.06	15831	100.23%	95.57%	100.12%	98.45%	106.68%	106.35%
MF4T67-3x	09/14/2011 17:01:45	-0.0095	76798	18639	-0.9336	2324.9	59365	94.48%	91.59%	96.81%	92.90%	106.00%	102.49%
MF4T68-3x	09/14/2011 17:04:50	-0.0108	78887	19153	1.5915	2387.9	61173	94.07%	90.08%	96.01%	91.62%	105.57%	102.02%
MF4T73-3x	09/14/2011 17:07:53	-0.0101	61615	12965	-1.0242	2445.6	73033	96.43%	92.78%	97.09%	93.12%	104.88%	101.04%
MF4T74-3x	09/14/2011 17:10:57	-0.0102	60528	12807	-0.9285	2394.7	71098	96.77%	93.88%	97.80%	93.59%	104.48%	100.87%
MF4T83-3x	09/14/2011 17:14:03	-0.0098	74461	17355	-1.0945	2777.9	82385	96.66%	92.65%	96.67%	92.38%	103.79%	99.78%
MF4T87-3x	09/14/2011 17:17:08	-0.0131	80004	17924	-1.5585	2884.5	83700	94.83%	91.72%	97.11%	93.07%	106.51%	101.76%
MF4T85-3x	09/14/2011 17:20:10	-0.0116	80340	18164	-1.5	2895.6	84293	95.28%	91.08%	98.44%	93.67%	108.65%	104.10%
MF4T86-3x	09/14/2011 17:23:14	-0.0142	80158	17978	-1.334	2877.6	83466	102.11%	95.90%	100.75%	96.91%	107.52%	102.74%
MF4T84-3x	09/14/2011 17:26:19	-0.012	75896	17628	-0.7574	2818.7	83357	97.33%	91.86%	96.90%	93.18%	105.29%	100.72%
MF4T88-3x	09/14/2011 17:29:22	-0.0115	81295	18417	-0.847	2904.7	84436	101.53%	95.85%	99.77%	96.44%	105.36%	101.33%
MF4T89-3x	09/14/2011 17:32:26	-0.0114	78784	17914	-0.8889	2845.7	83013	96.93%	92.12%	97.55%	93.60%	106.70%	102.24%
MF4T90-3x	09/14/2011 17:35:30	-0.012	78147	17670	-1.5276	2873.4	82741	102.86%	95.71%	103.01%	99.24%	112.29%	107.64%
MF4T98-3x	09/14/2011 17:38:35	-0.0125	72142	9341.5	0.9791	1992	50408	96.52%	91.26%	98.88%	95.21%	108.74%	105.79%
MF4TA1-3x	09/14/2011 17:41:39	-0.011	77329	17021	4.9644	2568.2	71050	94.48%	88.77%	94.61%	90.91%	103.45%	99.91%
MF4TA2-3x	09/14/2011 17:44:44	-0.0128	77040	17210	1.6629	2590.7	71590	94.38%	88.46%	95.45%	91.42%	104.88%	101.35%
MF4TB4-3x	09/14/2011 17:47:47	-0.013	70416	9148.5	-1.3289	1980.7	50021	94.13%	88.68%	96.75%	93.14%	107.76%	105.52%
CCV3	09/14/2011 17:50:52	2370.5	46075	45288	48717	50258	50938	90.22%	85.13%	88.77%	88.13%	95.26%	94.53%
CCB3	09/14/2011 17:53:59	0.196	9.7431	3.4833	1.5835	8.384	0.3801	101.81%	97.60%	101.40%	100.37%	104.74%	106.34%

Sample details
Acquired at : 09/13/2011 13:10:35
Report name : CLP [01/24/2011 16:31:36]

Tune for run VN5211094

Tune conditions

Major	
Extraction	-129
Lens 1	3.8
Focus	27.1
D1	-32.2
Pole Bias	5.0
Hexapole Bias	2.3
Nebuliser	0.78
Sampling Depth	120

Minor	
Lens 2	-26.7
Lens 3	-105.1
Forward power	1404
Horizontal	104
Vertical	434
D2	-160
DA	-80.0
Cool	13.0
Auxiliary	0.90

Global	
Standard resolution	115
High resolution	120
Analogue Detector	1755
PC Detector	3029

Add. Gases

Sensitivity and stability results

Acquisition parameters
Sweeps : 130

Run	Time	5Bkg	9Be	24Mg	25Mg	26Mg	56Ar O	59Co	138Ba++	101Bkg
Dwell (mSecs)		100.0	10.0	10.0	10.0	10.0	10.0	10.0	30.0	100.0
Limits	%RSD	-	5.0%	5.0%	5.0%	5.0%	-	5.0%	-	-
	Countrate	-	>3000	>10000	>10000	>10000	-	>10000	-	-
1	13:10:57	0.077	104174.79	368768.96	47716.994	57226.590	215808.68	711321.42	17728.068	0.077
2	13:12:11	0.000	106562.39	379446.48	48721.241	57781.166	216234.90	709858.03	17694.150	0.077
3	13:13:24	0.154	107929.82	380107.13	48979.673	57853.202	221083.51	717072.84	18201.394	0.385
4	13:14:37	0.231	113625.55	385865.22	49708.585	58772.679	223916.91	722490.59	18316.261	0.077
5	13:15:51	0.231	114199.47	386030.30	50150.451	58707.608	226301.58	732682.30	18436.012	0.154
x		0.138	109298.41	380043.62	49055.389	58068.249	220669.12	718685.04	18075.177	0.154
σ		0.10	4425.92	7021.57	940.02	659.93	4629.54	9289.02	342.75	0.13
%RSD		72.436	4.049	1.848	1.916	1.136	2.098	1.293	1.896	86.603

Run	Time	113In	115In	138Ba	140Ce	156Ce O	206Pb	207Pb	208Pb	220Bkg
Dwell (mSecs)		10.0	10.0	10.0	10.0	30.0	10.0	10.0	10.0	100.0
Limits	%RSD	5.0%	5.0%	-	-	-	5.0%	5.0%	5.0%	-
	Countrate	>10000	>10000	-	-	-	>10000	>10000	>10000	<6
1	13:10:57	38995.642	920726.84	630782.62	956555.42	19189.762	341023.28	318302.77	756442.51	0.308
2	13:12:11	38495.633	929451.03	633517.30	959090.38	19585.296	340647.61	318281.20	755627.13	0.308
3	13:13:24	39231.360	927209.17	627946.93	947965.01	19883.436	336259.28	316078.14	748232.48	0.077
4	13:14:37	38376.624	920821.06	625247.97	950522.43	20058.985	332969.52	311397.55	737963.83	0.538
5	13:15:51	38187.296	925052.72	624376.92	943598.66	20210.118	332250.91	310673.57	734588.08	0.154
x		38657.311	924652.16	628374.35	951546.38	19785.519	336630.12	314946.65	746570.81	0.277
σ		438.70	3866.96	3813.99	6305.62	406.10	4127.81	3691.83	9998.68	0.18
%RSD		1.135	0.418	0.607	0.663	2.053	1.226	1.172	1.339	63.949

Ratio results

Run	Time	56Ar O/59Co	138Ba++/138Ba	115In/101Bkg	156Ce O/140Ce
Ratio limits		-	-	>10000.0000	<0.0300
1	13:10:57	0.303	0.028	11969449	0.020
2	13:12:11	0.305	0.028	12082863	0.020
3	13:13:24	0.308	0.029	2410743.8	0.021
4	13:14:37	0.310	0.029	11970674	0.021
5	13:15:51	0.309	0.030	6012842.6	0.021
x		0.3070	0.0288	8889314.4	0.0208
σ		0.00	0.00	4456083.64	0.00
%RSD		0.9278	2.4839	50.1285	2.6272

Result : The performance report passed.

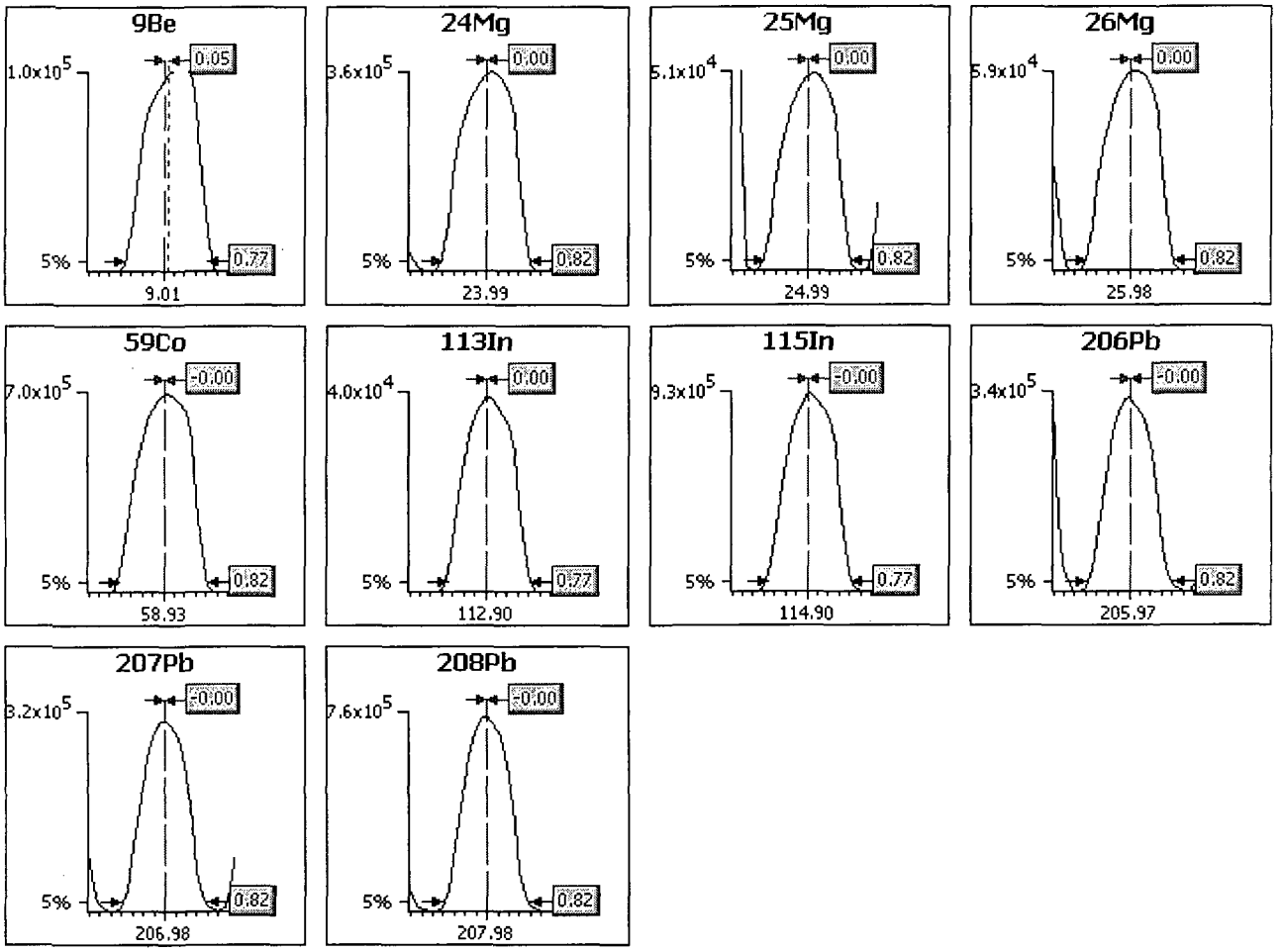
Performance Report

Tune for run M5211094

Sample details
Acquired at : 09/13/2011 13:10:35
Report name : CLP [01/24/2011 16:31:36]

Mass Calibration verification

Acquisition parameters
Sweeps : 10
Dwell : 5.0 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	0.60	0.11	0.77	0.05
24Mg	0.85	0.60	0.11	0.82	0.00
25Mg	0.85	0.60	0.11	0.82	0.00
26Mg	0.85	0.60	0.11	0.82	0.00
59Co	0.85	0.60	0.11	0.82	-0.00
113In	0.85	0.60	0.11	0.77	0.00
115In	0.85	0.60	0.11	0.77	-0.00
206Pb	0.85	0.60	0.11	0.82	-0.00
207Pb	0.85	0.60	0.11	0.82	-0.00
208Pb	0.85	0.60	0.11	0.82	-0.00

Experiment Details

Description	PlasmaLab Template BlankExperiment
Template Filename	C:\Program Files\Thermo Fisher\PlasmaLab\data\MS211092.tee
Created By User	Edwards
Analyte Database	ILM5.3.tea
Creation Timestamp	02/02/2005 10:10:19
Last Edited By	john.kershisnik
Last Edit Timestamp	09/15/2011 09:49:38
Instrument Detector	Simultaneous
Database Version	3.51
Acquisition Mode	Unknown

John Kershisnik
Run # MS211094
Instr. ICPM02
1123732
MF4T31
Case: 41679
ISM01.2 Water 200.8

Numerical Results report key (text indicates meaning)

Blue text indicates that cell is a statistic.
Underlining indicates that a data warning flag is set.

Column headings
- No flag
- Semi Quant
- Standard Addition
- Multi Element

Result cells
- Internal Standard
- Excluded
- QC Warning
- QC Failure

Transient TRA only:
- Peak Not Found
- Manually Edited
- Merged Peak

Data warning flags
- I - Invalid calibration
- T - Tripped
- F - Interference correction failed
- M - Result over max
- V - Valley integration failed
- D - Different method used

Setup

Survey Scan Setup

Sweeps	5
Dwell Time	600
Channels Per Mass	10
Acquisition Duration	6739

Main Run Setup

Main Run	Peak Jumping
Sweeps	40
Dwell Time	10000
Channels Per Mass	1
Acquisition Duration	36287
Channel Spacing	*0.02*

Survey Scan Regions

Start AMU	End AMU	Channels	Dwell ms	Resolution
4.59	11.50	69	600	Standard
12.50	13.50	10	600	
22.59	28.41	58	600	
30.59	31.50	9	600	
33.50	34.50	10	600	
36.50	37.50	10	600	
38.50	39.41	9	600	Standard
42.59	245.50	2029	600	Standard

Peak Jump Regions

Analyte	Channels	Dwell ms	Resolution
6Li	1	30000	Standard
7Li	1	10000	Standard
9Be	1	30000	Standard
13C	1	10000	
23Na	1	10000	
24Mg	1	5000	
25Mg	1	5000	
26Mg	1	5000	
27Al	1	10000	Standard
39K	1	10000	
43Ca	1	10000	
44Ca	1	10000	

45Sc	1	20000	Standard
47Ti	1	10000	Standard
51V	1	10000	Standard
52Cr	1	10000	Standard
53Cl O	1	10000	Standard
54Fe	1	10000	
55Mn	1	10000	Standard
56Fe	1	10000	
57Fe	1	10000	
59Co	1	10000	Standard
60Ni	1	10000	Standard
63Cu	1	10000	Standard
65Cu	1	10000	Standard
66Zn	1	10000	Standard
75As	1	30000	Standard
77Ar Cl	1	30000	Standard
78Se	1	30000	Standard
82Se	1	30000	Standard
83Kr	1	30000	Standard
86Sr	1	10000	Standard
88Sr	1	10000	Standard
89Y	1	10000	Standard
94Mo	1	10000	Standard
95Mo	1	10000	Standard
96Mo	1	10000	Standard
97Mo	1	10000	Standard
98Mo	1	10000	Standard
103Rh	1	10000	Standard
106Pd	1	10000	Standard
106Cd	1	10000	Standard
107Ag	1	20000	Standard
108Mo O	1	10000	Standard
109Ag	1	20000	Standard
111Cd	1	20000	Standard
114Cd	1	10000	Standard
115In	1	10000	Standard
118Sn	1	10000	Standard
121Sb	1	10000	Standard
135Ba	1	10000	Standard
137Ba	1	10000	Standard
159Tb	1	10000	Standard
203Tl	1	20000	Standard
205Tl	1	20000	Standard
206Pb	1	10000	Standard
207Pb	1	10000	Standard
208Pb	1	10000	Standard
209Bi	1	20000	Standard
220Bkg	1	10000	Standard

Calibration Technique

Use External Drift Correction - No
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	None				No		
9Be	Yes	0.75	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
13C	Yes	0.05	None				No		
23Na	Yes	1.00	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
24Mg	Yes	0.98	Fully-Quantified	Linear	None	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
39K	Yes	1.00	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
43Ca	Yes	0.99	None				No		
44Ca	Yes	0.99	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
45Sc	Yes	1.00	None				No		
47Ti	Yes	0.99	Semi-Quantified				No		
51V	Yes	0.99	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
52Cr	Yes	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		0.995000
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	No	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
75As	Yes	0.07	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
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	None				No	
88Sr	Yes	0.96	None				No	
89Y	Yes	0.98	None				No	
94Mo	Yes	0.98	None				No	
95Mo	Yes	0.98	None				No	
96Mo	Yes	0.98	None				No	
97Mo	Yes	0.98	None				No	
98Mo	Yes	0.98	None				No	
103Rh	Yes	0.94	None				No	
106Pd	Yes	0.93	None				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	None				No	
111Cd	Yes	0.57	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
114Cd	Yes	0.57	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
115In	Yes	0.99	None				No	
118Sn	Yes	0.96	None				No	
121Sb	Yes	0.39	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
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	
203Tl	Yes	1.00	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
206Pb	Yes	0.97	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
207Pb	Yes	0.97	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
208Pb	Yes	0.97	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
209Bi	Yes	0.92	None				No	
205Tl	Yes	1.00	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
220Bkg	Yes		Semi-Quantified				No	
77Ar Cl	Yes		Semi-Quantified				No	
53Cl O	Yes		Semi-Quantified				No	
108Mo O	Yes		Semi-Quantified				No	

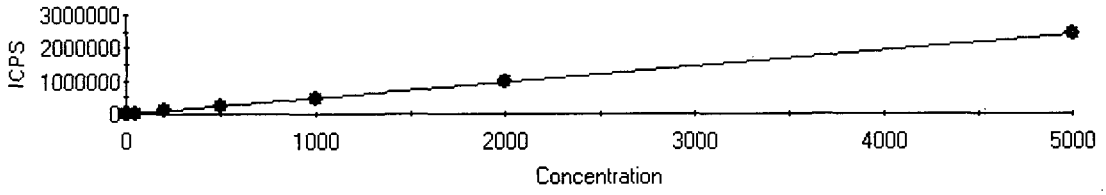
Sample List

No	Label	Type	Weight	Rack	Row	Col	Height
1	S0	Blank	1.000	1	1	1	144
2	S	Fully Quant Standard	1.000	1	1	2	144
3	S10	Fully Quant Standard	1.000	1	1	3	144
4	S50	Fully Quant Standard	1.000	1	1	4	144
5	S200	Fully Quant Standard	1.000	1	1	5	144
6	S500	Fully Quant Standard	1.000	1	1	6	144
7	S1000	Fully Quant Standard	1.000	1	1	7	144
8	S2000	Fully Quant Standard	1.000	1	1	8	144
9	S5000	Fully Quant Standard	1.000	1	1	9	144
10	S50000	Fully Quant Standard	1.000	1	1	10	144
11	S100000	Fully Quant Standard	1.000	1	1	11	144
12	ICV	Unknown	1.000	1	1	12	144
13	ICB	Unknown	1.000	1	2	1	144
14	ICSA	Unknown	1.000	1	2	2	144
15	ICSAB	Unknown	1.000	1	2	3	144
16	ICSA-2X	Unknown	1.000	1	2	4	144
17	ICSAB-2X	Unknown	1.000	1	2	5	144
18	CCV	Unknown	1.000	1	2	6	144
19	CCB	Unknown	1.000	1	2	7	144
20	PBW	Unknown	1.000	1	2	8	144
21	LCS	Unknown	1.000	1	2	9	144
22	MF4T31	Unknown	1.000	1	2	10	144
23	MF4T32	Unknown	1.000	1	2	11	144
24	MF4T65	Unknown	1.000	1	2	12	144
25	MF4T66	Unknown	1.000	1	3	1	144
26	MF4T66S	Unknown	1.000	1	3	2	144
27	MF4T66D	Unknown	1.000	1	3	3	144
28	MF4T66L	Unknown	1.000	1	3	4	144
29	MF4T67	Unknown	1.000	1	3	5	144
30	MF4T68	Unknown	1.000	1	3	6	144
31	MF4T73	Unknown	1.000	1	3	7	144
32	MF4T74	Unknown	1.000	1	3	8	144
33	ZZZZZZ	Unknown	1.000	1	3	9	144
34	CCV2	Unknown	1.000	1	3	10	144
35	CCB2	Unknown	1.000	1	3	11	144

36	MF4T83	Unknown	1.000	1	3	12	144
37	MF4T84	Unknown	1.000	1	4	1	144
38	MF4T85	Unknown	1.000	1	4	2	144
39	MF4T86	Unknown	1.000	1	4	3	144
40	MF4T87	Unknown	1.000	1	4	4	144
41	MF4T88	Unknown	1.000	1	4	5	144
42	MF4T89	Unknown	1.000	1	4	6	144
43	MF4T90	Unknown	1.000	1	4	7	144
44	MF4T98	Unknown	1.000	1	4	8	144
45	MF4TA1	Unknown	1.000	1	4	9	144
46	MF4TA2	Unknown	1.000	1	4	10	144
47	MF4TB4	Unknown	1.000	1	4	11	144
48	ZZZZZZ	Unknown	1.000	1	4	12	144
49	CCV3	Unknown	1.000	1	5	1	144
50	CCB3	Unknown	1.000	1	5	2	144

Fully Quant Calibration

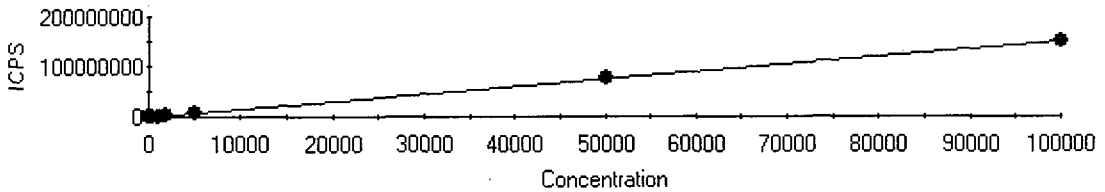
9Be FQ Block 1



Intercept CPS=13.169391 Intercept Conc=0.027352
Sensitivity=481.474514 Correlation Coeff=0.999990

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	13.17	0.00
S	1.000	0.952	0.048	471.65	4.78
S10	10.000	10.006	0.006	4830.98	0.06
S50	50.000	49.539	0.461	23865.02	0.92
S200	200.000	194.257	5.743	93542.97	2.87
S500	500.000	496.661	3.339	239142.98	0.67
S1000	1000.000	984.589	15.411	474067.51	1.54
S2000	2000.000	2014.012	14.012	969708.48	0.70
S5000	5000.000	4998.046	1.954	2406444.82	0.04

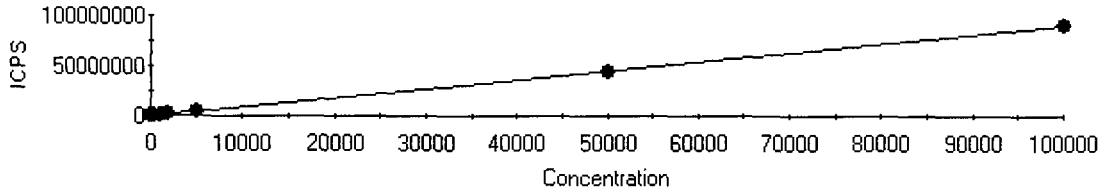
23Na FQ Block 1



Intercept CPS=28029.702284 Intercept Conc=18.491092
Sensitivity=1515.848911 Correlation Coeff=0.999998

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	28029.70	0.00
S50	50.000	44.131	5.869	94926.03	11.74
S200	200.000	178.662	21.338	298854.72	10.67
S500	500.000	454.517	45.483	717008.10	9.10
S1000	1000.000	981.671	18.329	1516094.01	1.83
S2000	2000.000	1983.059	16.941	3034046.95	0.85
S5000	5000.000	4929.929	70.071	7501057.52	1.40
S50000	50000.000	50158.523	158.523	76060771.93	0.32
S100000	100000.000	99925.037	74.963	151499288.58	0.07

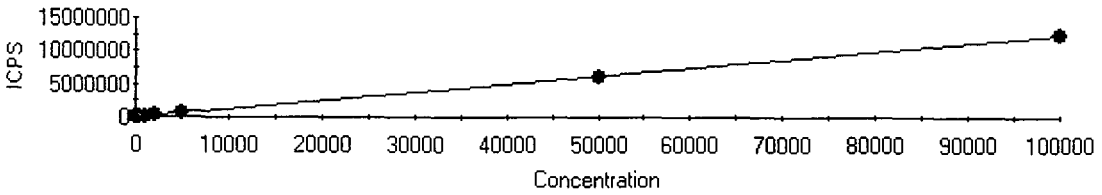
24Mg FQ Block 1



Intercept CPS=224.046967 Intercept Conc=0.249412
Sensitivity=898.299588 Correlation Coeff=0.999998

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	224.05	0.00
S50	50.000	48.134	1.866	43462.85	3.73
S200	200.000	196.033	3.967	176320.43	1.98
S500	500.000	492.393	7.607	442540.20	1.52
S1000	1000.000	976.790	23.210	877673.69	2.32
S2000	2000.000	2027.861	27.861	1821850.35	1.39
S5000	5000.000	4982.808	17.192	4476278.56	0.34
S50000	50000.000	50179.077	179.077	45076068.64	0.36
S100000	100000.000	99911.043	88.957	89750272.50	0.09

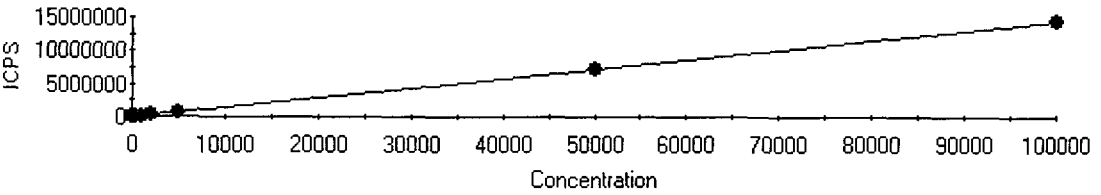
25Mg FQ Block 1



Intercept CPS=33.977897 Intercept Conc=0.276801
Sensitivity=122.752248 Correlation Coeff=0.999996

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	33.98	0.00
S50	50.000	47.238	2.762	5832.50	5.52
S200	200.000	194.291	5.709	23883.60	2.85
S500	500.000	479.367	20.633	58877.36	4.13
S1000	1000.000	947.865	52.135	116386.55	5.21
S2000	2000.000	1939.181	60.819	238072.87	3.04
S5000	5000.000	4829.932	170.068	592919.03	3.40
S50000	50000.000	49763.337	236.663	6108595.47	0.47
S100000	100000.000	100128.689	128.689	12291055.64	0.13

26Mg FQ Block 1

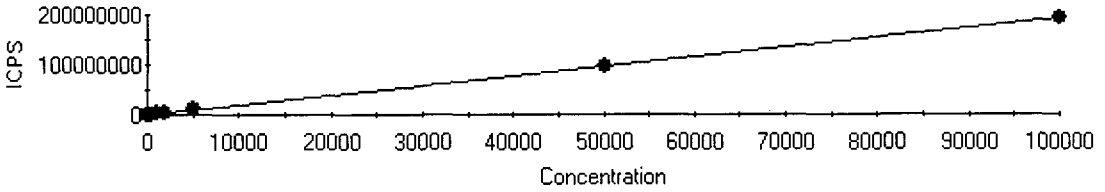


Intercept CPS=40.993849 Intercept Conc=0.286007
Sensitivity=143.331599 Correlation Coeff=0.999982

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	40.99	0.00
S50	50.000	47.612	2.388	6865.35	4.78
S200	200.000	193.393	6.607	27760.26	3.30
S500	500.000	485.330	14.670	69604.07	2.93
S1000	1000.000	953.777	46.223	136747.33	4.62
S2000	2000.000	1958.858	41.142	280807.26	2.06

S5000	5000.000	4830.348	169.652	692382.47	3.39
S50000	50000.000	49462.740	537.260	7089614.62	1.07
S100000	100000.000	100278.485	278.485	14373116.63	0.28

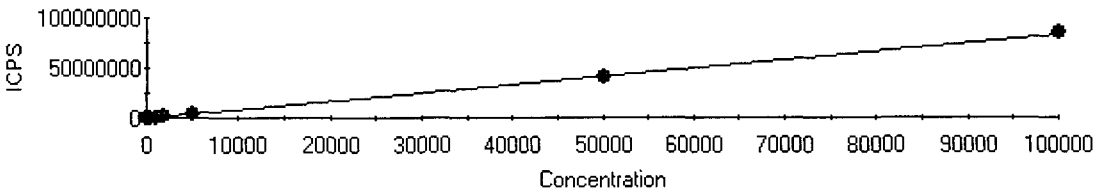
27Al FQ Block 1



Intercept CPS=4279.520000 Intercept Conc=2.227263
Sensitivity=1921.425753 Correlation Coeff=0.999996

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	4279.52	0.00
S10	10.000	10.415	0.415	24291.91	4.15
S50	50.000	51.037	1.037	102342.93	2.07
S200	200.000	208.852	8.852	405572.21	4.43
S500	500.000	522.868	22.868	1008931.33	4.57
S1000	1000.000	1025.699	25.699	1975083.15	2.57
S2000	2000.000	2086.100	86.100	4012566.10	4.31
S5000	5000.000	5092.025	92.025	9788226.67	1.84
S50000	50000.000	49767.731	232.269	95629278.80	0.46
S100000	100000.000	100109.422	109.422	192357100.79	0.11

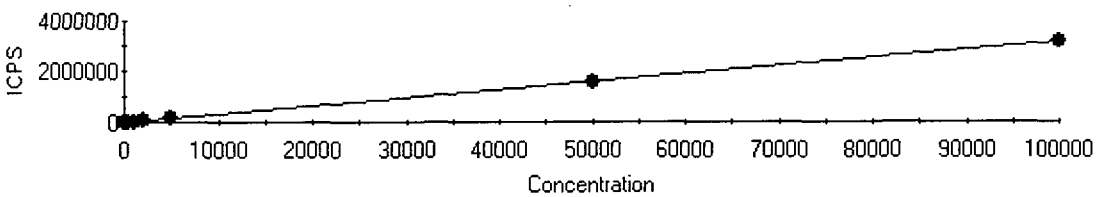
39K FQ Block 1



Intercept CPS=66449.860939 Intercept Conc=79.668334
Sensitivity=834.081212 Correlation Coeff=0.999969

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	66449.86	0.00
S50	50.000	50.435	0.435	108516.53	0.87
S200	200.000	197.564	2.436	231234.03	1.22
S500	500.000	485.037	14.963	471009.71	2.99
S1000	1000.000	969.459	30.541	875057.64	3.05
S2000	2000.000	2005.900	5.900	1739533.36	0.29
S5000	5000.000	4925.543	74.457	4174753.00	1.49
S50000	50000.000	49287.312	712.688	41176070.46	1.43
S100000	100000.000	100360.334	360.334	83775118.80	0.36

44Ca FQ Block 1

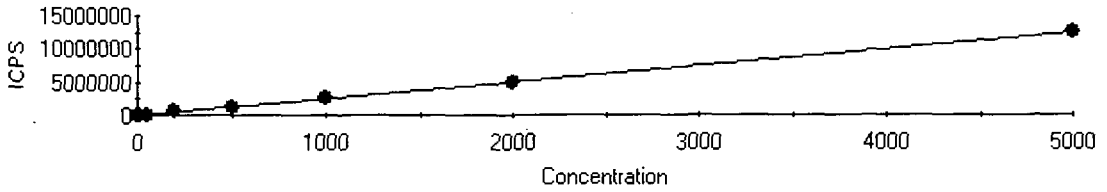


Intercept CPS=407.448585 Intercept Conc=12.858574
Sensitivity=31.686918 Correlation Coeff=0.999929

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	407.45	0.00

S50	50.000	44.330	5.670	1812.14	11.34
S200	200.000	180.350	19.650	6122.18	9.83
S500	500.000	449.966	50.034	14665.50	10.01
S1000	1000.000	890.114	109.886	28612.42	10.99
S2000	2000.000	1833.810	166.190	58515.25	8.31
S5000	5000.000	4502.385	497.615	143074.15	9.95
S50000	50000.000	48973.418	1026.582	1552224.14	2.05
S100000	100000.000	100542.887	542.887	3186301.69	0.54

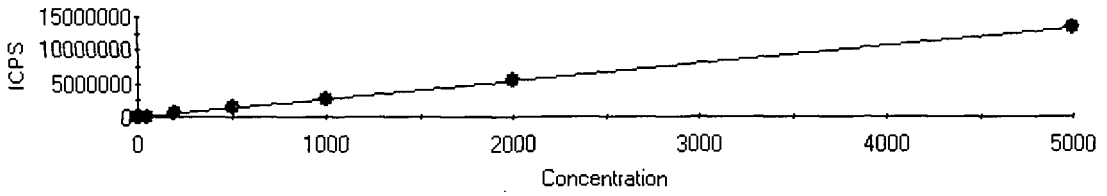
51V FQ Block 1



Intercept CPS=79.209746 Intercept Conc=0.032102
Sensitivity=2467.467203 Correlation Coeff=0.999991

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	79.21	0.00
S	5.000	5.056	0.056	12555.84	1.13
S10	10.000	9.700	0.300	24014.61	3.00
S50	50.000	47.652	2.348	117659.01	4.70
S200	200.000	195.961	4.039	483605.70	2.02
S500	500.000	504.956	4.956	1246042.78	0.99
S1000	1000.000	1001.334	1.334	2470836.84	0.13
S2000	2000.000	2017.100	17.100	4977206.56	0.85
S5000	5000.000	4992.583	7.417	12319114.92	0.15

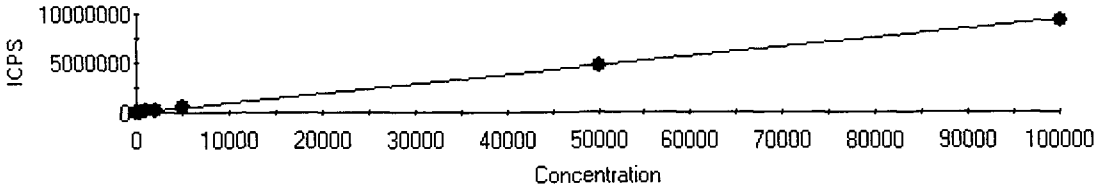
52Cr FQ Block 1



Intercept CPS=464.502474 Intercept Conc=0.174087
Sensitivity=2668.221160 Correlation Coeff=0.999990

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	464.50	0.00
S	2.000	1.964	0.036	5706.08	1.78
S10	10.000	9.781	0.219	26561.74	2.19
S50	50.000	47.989	2.011	128508.53	4.02
S200	200.000	196.859	3.141	525728.26	1.57
S500	500.000	503.434	3.434	1343737.73	0.69
S1000	1000.000	994.646	5.354	2654399.07	0.54
S2000	2000.000	2018.001	18.001	5384937.85	0.90
S5000	5000.000	4993.673	6.327	13324689.04	0.13

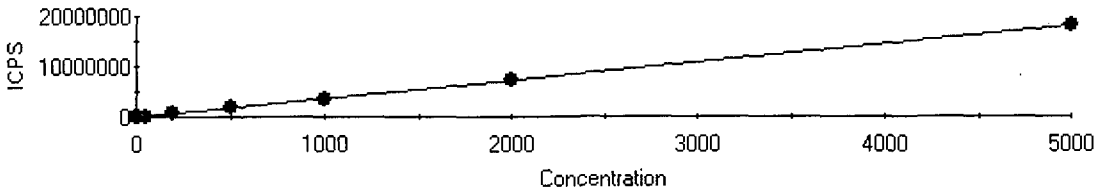
54Fe FQ Block 1



Intercept CPS=2231.897769 Intercept Conc=23.923394
Sensitivity=93.293525 Correlation Coeff=0.999826

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	2231.90	0.00
S50	50.000	67.890	17.890	8565.59	35.78
S200	200.000	274.626	74.626	27852.71	37.31
S500	500.000	699.794	199.794	67518.11	39.96
S1000	1000.000	1370.061	370.061	130049.73	37.01
S2000	2000.000	2796.901	796.901	263164.67	39.85
S5000	5000.000	7017.799	2017.799	656947.10	40.36
S50000	50000.000	49889.530	110.470	4656602.01	0.22
S100000	100000.000	99933.549	66.451	9325384.94	0.07

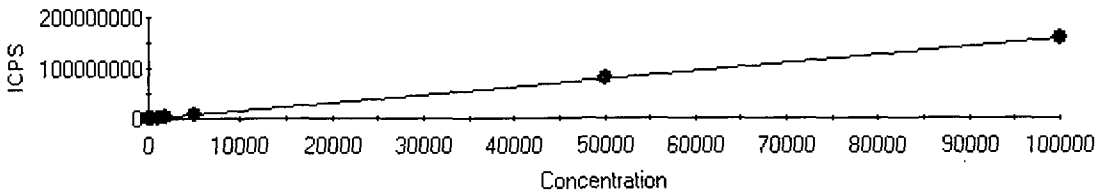
55Mn FQ Block 1



Intercept CPS=116.016904 Intercept Conc=0.031775
Sensitivity=3651.189292 Correlation Coeff=0.999994

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	116.02	0.00
S	1.000	0.943	0.057	3557.48	5.74
S10	10.000	9.584	0.416	35110.50	4.16
S50	50.000	46.933	3.067	171476.86	6.13
S200	200.000	194.003	5.997	708456.33	3.00
S500	500.000	506.342	6.342	1848868.17	1.27
S1000	1000.000	994.182	5.818	3630061.74	0.58
S2000	2000.000	2010.860	10.860	7342147.41	0.54
S5000	5000.000	4996.457	3.543	18243125.28	0.07

56Fe FQ Block 1

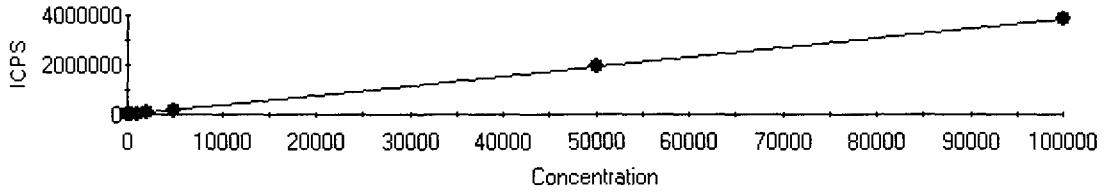


Intercept CPS=102341.452208 Intercept Conc=64.582805
Sensitivity=1584.654811 Correlation Coeff=0.999997

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	102341.45	0.00
S50	50.000	49.290	0.710	180449.70	1.42
S200	200.000	197.349	2.651	415071.74	1.33
S500	500.000	501.430	1.430	896935.05	0.29
S1000	1000.000	1010.417	10.417	1703503.49	1.04
S2000	2000.000	2066.197	66.197	3376550.27	3.31

S5000	5000.000	5096.341	96.341	8178283.48	1.93
S50000	50000.000	49822.821	177.179	79054314.71	0.35
S100000	100000.000	100082.343	82.343	158698307.36	0.08

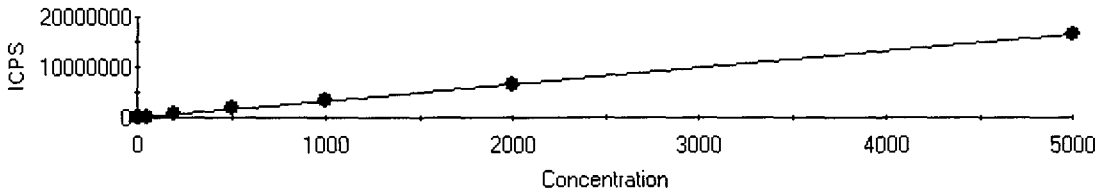
57Fe FQ Block 1



Intercept CPS=642.892197 Intercept Conc=16.691955
Sensitivity=38.515092 Correlation Coeff=0.999999

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	642.89	0.00
S50	50.000	48.573	1.427	2513.68	2.85
S200	200.000	192.081	7.919	8040.90	3.96
S500	500.000	486.978	13.022	19398.88	2.60
S1000	1000.000	962.759	37.241	37723.63	3.72
S2000	2000.000	1959.030	40.970	76095.12	2.05
S5000	5000.000	4842.475	157.525	187151.25	3.15
S50000	50000.000	50044.810	44.810	1928123.34	0.09
S100000	100000.000	99986.745	13.255	3851641.57	0.01

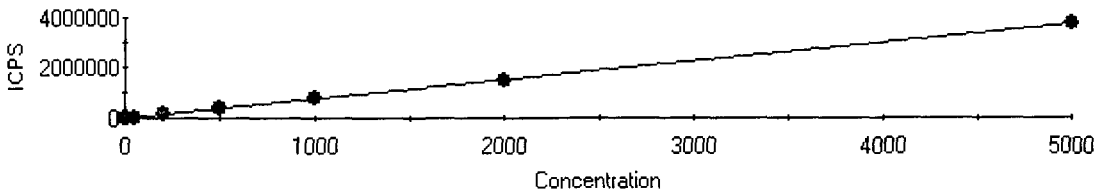
59Co FQ Block 1



Intercept CPS=62.975404 Intercept Conc=0.018864
Sensitivity=3338.396461 Correlation Coeff=0.999988

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	62.98	0.00
S	1.000	0.987	0.013	3357.46	1.32
S10	10.000	9.890	0.110	33079.14	1.10
S50	50.000	49.397	0.603	164970.29	1.21
S200	200.000	202.729	2.729	676851.49	1.36
S500	500.000	523.036	23.036	1746164.27	4.61
S1000	1000.000	1004.430	4.430	3353247.51	0.44
S2000	2000.000	2007.063	7.063	6700434.31	0.35
S5000	5000.000	4993.882	6.118	16671622.49	0.12

60Ni FQ Block 1

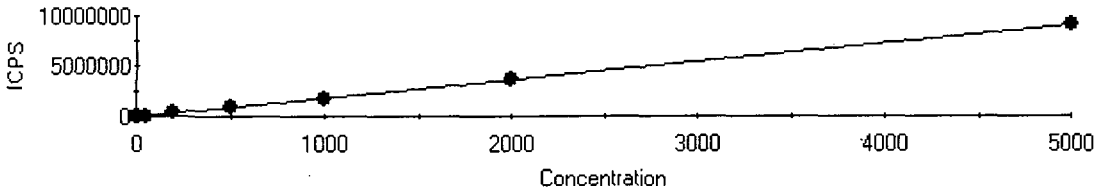


Intercept CPS=25.512423 Intercept Conc=0.034093
Sensitivity=748.308147 Correlation Coeff=0.999996

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	25.51	0.00
S	1.000	0.953	0.047	738.80	4.68

S10	10.000	9.822	0.178	7375.46	1.78
S50	50.000	48.937	1.063	36645.35	2.13
S200	200.000	196.607	3.393	147148.47	1.70
S500	500.000	498.780	1.220	373266.33	0.24
S1000	1000.000	986.449	13.551	738193.10	1.36
S2000	2000.000	2003.938	3.938	1499588.38	0.20
S5000	5000.000	5001.404	1.404	3742616.83	0.03

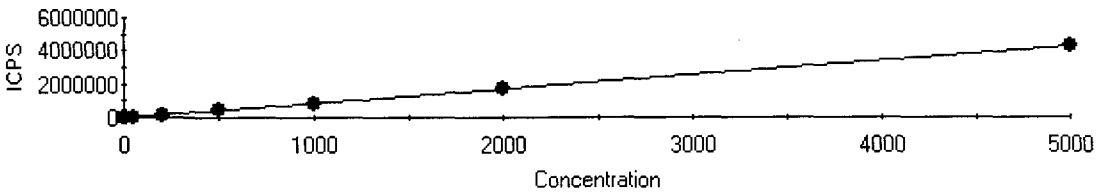
63Cu FQ Block 1



Intercept CPS=659.116816 Intercept Conc=0.367009
Sensitivity=1795.915547 Correlation Coeff=0.999967

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	659.12	0.00
S	2.000	1.887	0.113	4048.48	5.64
S10	10.000	9.901	0.099	18439.84	0.99
S50	50.000	49.080	0.920	88803.22	1.84
S200	200.000	198.978	1.022	358006.52	0.51
S500	500.000	504.651	4.651	906969.71	0.93
S1000	1000.000	1006.611	6.611	1808448.23	0.66
S2000	2000.000	2035.327	35.327	3655935.32	1.77
S5000	5000.000	4984.132	15.868	8951739.19	0.32

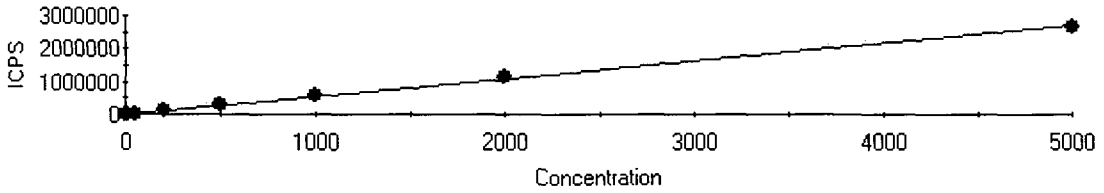
65Cu FQ Block 1



Intercept CPS=289.047472 Intercept Conc=0.341238
Sensitivity=847.054439 Correlation Coeff=0.999934

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	289.05	0.00
S	2.000	1.884	0.116	1884.95	5.80
S10	10.000	10.143	0.143	8880.61	1.43
S50	50.000	49.422	0.578	42152.17	1.16
S200	200.000	201.050	1.050	170589.59	0.53
S500	500.000	507.303	7.303	430002.43	1.46
S1000	1000.000	994.072	5.928	842322.00	0.59
S2000	2000.000	2050.437	50.437	1737120.55	2.52
S5000	5000.000	4980.244	19.756	4218826.98	0.40

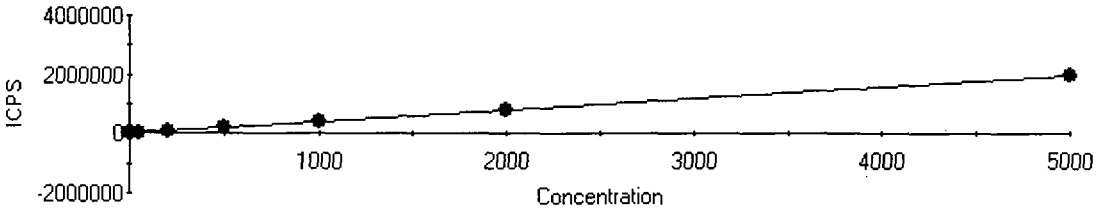
66Zn FQ Block 1



Intercept CPS=403.563771 Intercept Conc=0.747239
Sensitivity=540.073142 Correlation Coeff=0.999498

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	403.56	0.00
S	2.000	1.604	0.396	1269.61	19.82
S10	10.000	10.705	0.705	6185.20	7.05
S50	50.000	50.923	0.923	27905.86	1.85
S200	200.000	211.179	11.179	114455.78	5.59
S500	500.000	525.071	25.071	283980.46	5.01
S1000	1000.000	1036.421	36.421	560146.70	3.64
S2000	2000.000	2136.291	136.291	1154156.97	6.81
S5000	5000.000	4935.235	64.765	2665791.23	1.30

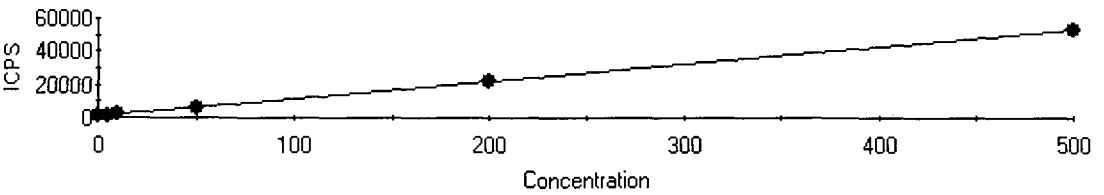
75As FQ Block 1



Intercept CPS=-8.721173 Intercept Conc=-0.022129
Sensitivity=394.105599 Correlation Coeff=0.999996

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	-8.72	0.00
S	1.000	0.901	0.099	346.27	9.93
S10	10.000	10.093	0.093	3969.00	0.93
S50	50.000	49.263	0.737	19405.94	1.47
S200	200.000	200.193	0.193	78888.49	0.10
S500	500.000	496.931	3.069	195834.71	0.61
S1000	1000.000	987.504	12.496	389171.98	1.25
S2000	2000.000	2004.057	4.057	789801.54	0.20
S5000	5000.000	5001.183	1.183	1970985.37	0.02

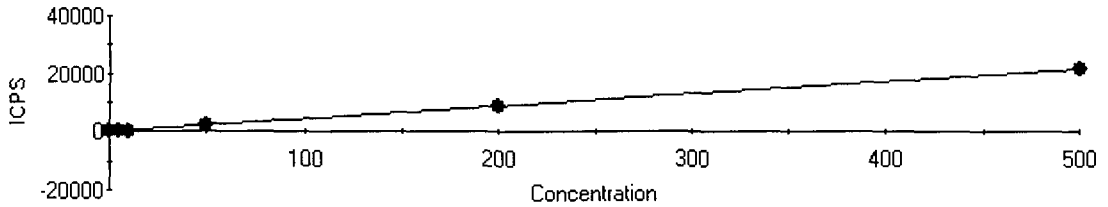
78Se FQ Block 1



Intercept CPS=745.130408 Intercept Conc=7.112268
Sensitivity=104.766914 Correlation Coeff=0.999996

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	745.13	0.00
S	5.000	4.736	0.264	1241.27	5.29
S10	10.000	10.086	0.086	1801.81	0.86
S50	50.000	49.817	0.183	5964.28	0.37
S200	200.000	201.121	1.121	21815.91	0.56
S500	500.000	499.571	0.429	53083.64	0.09

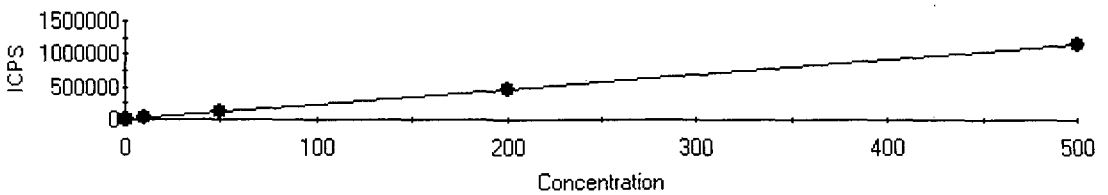
82Se FQ Block 1



Intercept CPS=-0.095539 Intercept Conc=-0.002222
Sensitivity=42.992891 Correlation Coeff=0.999990

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	-0.10	0.00
S	5.000	4.746	0.254	203.93	5.09
S10	10.000	10.011	0.011	430.30	0.11
S50	50.000	49.542	0.458	2129.87	0.92
S200	200.000	201.794	1.794	8675.61	0.90
S500	500.000	499.330	0.670	21467.57	0.13

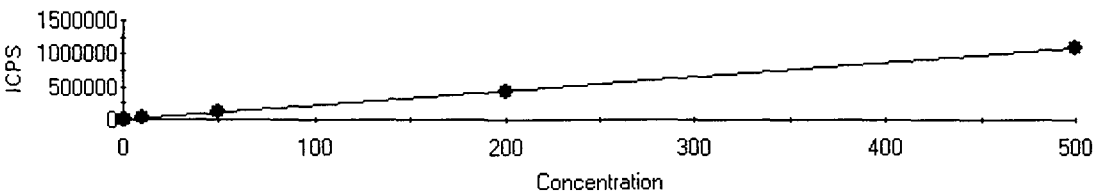
107Ag FQ Block 1



Intercept CPS=46.062170 Intercept Conc=0.020160
Sensitivity=2284.814608 Correlation Coeff=0.999981

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	46.06	0.00
S	1.000	0.961	0.039	2241.62	3.91
S10	10.000	9.726	0.274	22268.07	2.74
S50	50.000	48.084	1.916	109907.96	3.83
S200	200.000	197.705	2.295	451766.23	1.15
S500	500.000	501.115	1.115	1145001.05	0.22

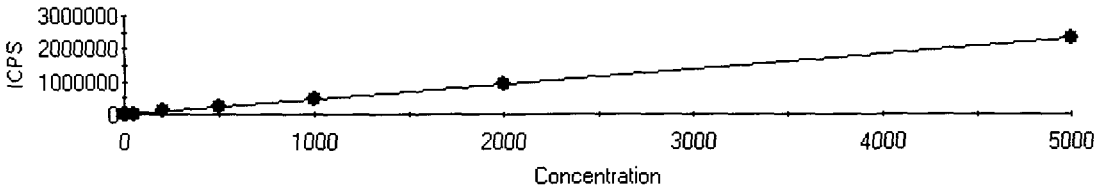
109Ag FQ Block 1



Intercept CPS=41.296981 Intercept Conc=0.018655
Sensitivity=2213.702397 Correlation Coeff=0.999986

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	41.30	0.00
S	1.000	0.931	0.069	2102.17	6.90
S10	10.000	9.685	0.315	21481.68	3.15
S50	50.000	47.842	2.158	105950.08	4.32
S200	200.000	198.327	1.673	439077.20	0.84
S500	500.000	500.892	0.892	1108866.20	0.18

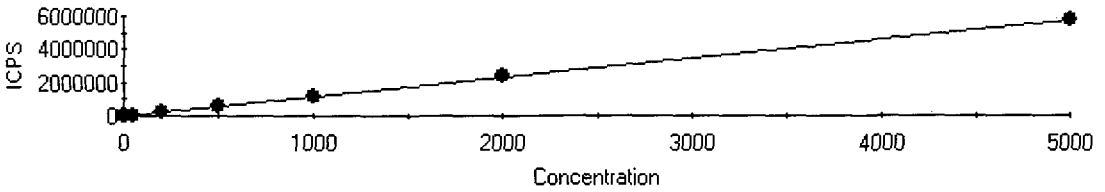
111Cd FQ Block 1



Intercept CPS=149.134746 Intercept Conc=0.323361
Sensitivity=461.202512 Correlation Coeff=0.999971

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	149.13	0.00
S	1.000	0.923	0.077	574.66	7.73
S10	10.000	9.679	0.321	4613.21	3.21
S50	50.000	47.630	2.370	22116.14	4.74
S200	200.000	196.603	3.397	90823.16	1.70
S500	500.000	491.862	8.138	226996.99	1.63
S1000	1000.000	962.791	37.209	444190.92	3.72
S2000	2000.000	1999.966	0.034	922538.38	0.00
S5000	5000.000	5008.429	8.429	2310049.39	0.17

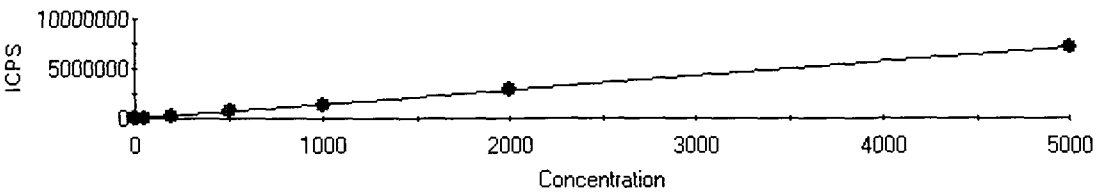
114Cd FQ Block 1



Intercept CPS=8.290872 Intercept Conc=0.007159
Sensitivity=1158.163891 Correlation Coeff=0.999813

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	8.29	0.00
S	1.000	0.903	0.097	1054.42	9.67
S10	10.000	9.974	0.026	11560.00	0.26
S50	50.000	48.180	1.820	55808.96	3.64
S200	200.000	198.105	1.895	229446.19	0.95
S500	500.000	500.450	0.450	579611.50	0.09
S1000	1000.000	985.949	14.051	1141899.36	1.41
S2000	2000.000	2084.569	84.569	2414280.37	4.23
S5000	5000.000	4969.032	30.968	5754961.42	0.62

121Sb FQ Block 1

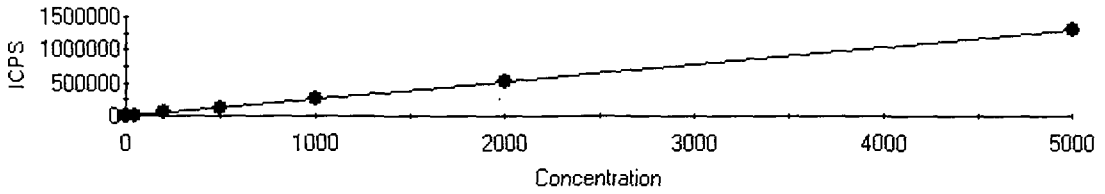


Intercept CPS=11.992950 Intercept Conc=0.008497
Sensitivity=1411.408121 Correlation Coeff=0.999911

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	11.99	0.00
S	2.000	1.881	0.119	2667.08	5.94
S10	10.000	9.333	0.667	13184.20	6.67
S50	50.000	45.754	4.246	64588.96	8.49
S200	200.000	189.113	10.887	266928.04	5.44
S500	500.000	476.907	23.093	673121.79	4.62

S1000	1000.000	952.168	47.832	1343909.90	4.78
S2000	2000.000	2036.812	36.812	2874784.61	1.84
S5000	5000.000	4997.630	2.370	7053708.03	0.05

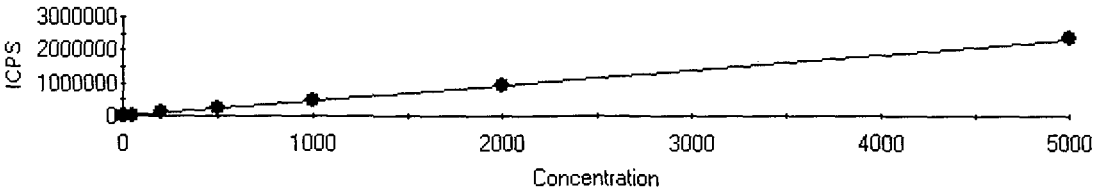
135Ba FQ Block 1



Intercept CPS=7.013552 Intercept Conc=0.027178
Sensitivity=258.061723 Correlation Coeff=0.999974

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	7.01	0.00
S	10.000	9.771	0.229	2528.54	2.29
S50	50.000	48.289	1.711	12468.67	3.42
S200	200.000	195.990	4.010	50584.50	2.01
S500	500.000	491.044	8.956	126726.70	1.79
S1000	1000.000	964.654	35.346	248947.37	3.53
S2000	2000.000	1995.365	4.635	514934.34	0.23
S5000	5000.000	5009.997	9.997	1292895.40	0.20

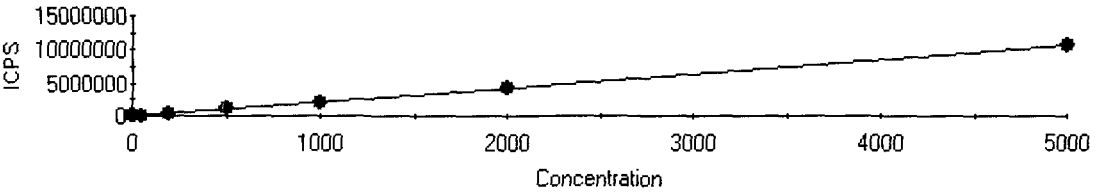
137Ba FQ Block 1



Intercept CPS=9.007672 Intercept Conc=0.019303
Sensitivity=466.637675 Correlation Coeff=0.999926

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	9.01	0.00
S	10.000	9.543	0.457	4462.30	4.57
S50	50.000	47.364	2.636	22110.83	5.27
S200	200.000	191.568	8.432	89401.73	4.22
S500	500.000	481.418	18.582	224656.87	3.72
S1000	1000.000	948.327	51.673	442534.07	5.17
S2000	2000.000	1971.655	28.345	920057.73	1.42
S5000	5000.000	5023.895	23.895	2344347.78	0.48

203Tl FQ Block 1

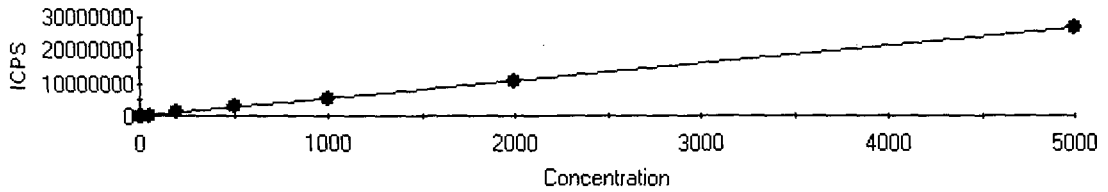


Intercept CPS=242.562449 Intercept Conc=0.113085
Sensitivity=2144.958824 Correlation Coeff=0.999967

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	242.56	0.00
S	1.000	0.901	0.099	2175.13	9.90
S10	10.000	9.548	0.452	20722.67	4.52
S50	50.000	46.733	3.267	100482.23	6.53

S200	200.000	192.967	7.033	414148.41	3.52
S500	500.000	489.562	10.438	1050333.82	2.09
S1000	1000.000	970.452	29.548	2081822.91	2.95
S2000	2000.000	2022.887	22.887	4339251.25	1.14
S5000	5000.000	4998.114	1.886	10720990.28	0.04

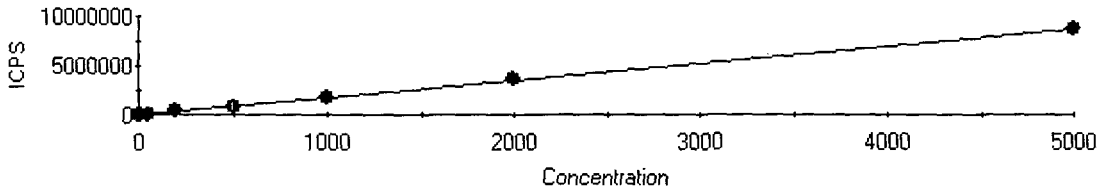
205Tl FQ Block 1



Intercept CPS=592.191483 Intercept Conc=0.112521
Sensitivity=5262.938202 Correlation Coeff=0.999971

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	592.19	0.00
S	1.000	0.906	0.094	5361.78	9.37
S10	10.000	9.399	0.601	50060.11	6.01
S50	50.000	46.041	3.959	242903.92	7.92
S200	200.000	192.768	7.232	1015118.18	3.62
S500	500.000	500.837	0.837	2636466.80	0.17
S1000	1000.000	973.338	26.662	5123209.14	2.67
S2000	2000.000	2022.562	22.562	10645209.66	1.13
S5000	5000.000	4996.554	3.446	26297147.72	0.07

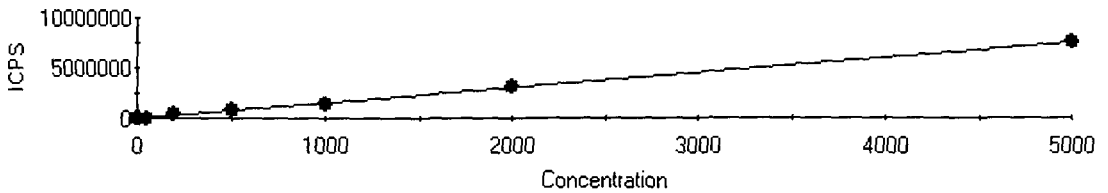
206Pb FQ Block 1



Intercept CPS=51.066178 Intercept Conc=0.029189
Sensitivity=1749.525174 Correlation Coeff=0.999942

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	51.07	0.00
S	1.000	0.950	0.050	1712.67	5.03
S10	10.000	9.525	0.475	16714.52	4.75
S50	50.000	46.589	3.411	81558.97	6.82
S200	200.000	191.666	8.334	335375.62	4.17
S500	500.000	489.017	10.983	855598.61	2.20
S1000	1000.000	965.802	34.198	1689746.04	3.42
S2000	2000.000	2035.297	35.297	3560855.07	1.76
S5000	5000.000	4994.187	5.813	8737507.60	0.12

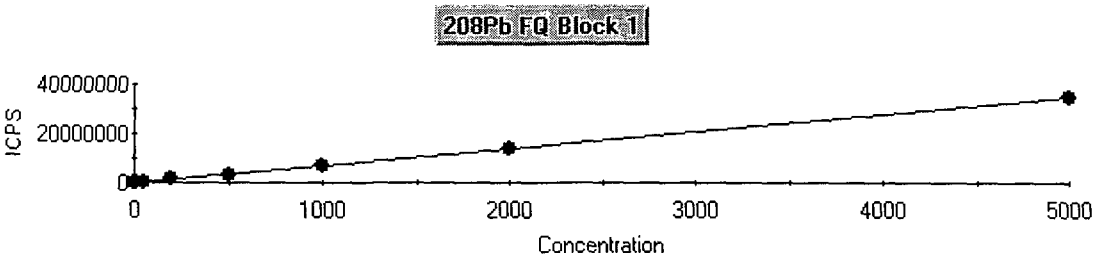
207Pb FQ Block 1



Intercept CPS=45.651787 Intercept Conc=0.030675
Sensitivity=1488.247700 Correlation Coeff=0.999934

Label	Defined	Measured	Error	Mean CPS	% Error

S0	0.000	-0.000	0.000	45.65	0.00
S	1.000	0.958	0.042	1471.95	4.16
S10	10.000	9.699	0.301	14479.57	3.01
S50	50.000	47.652	2.348	70963.46	4.70
S200	200.000	196.330	3.670	292233.53	1.83
S500	500.000	496.842	3.158	739469.37	0.63
S1000	1000.000	960.263	39.737	1429154.27	3.97
S2000	2000.000	2035.748	35.748	3029742.74	1.79
S5000	5000.000	4994.135	5.865	7432555.63	0.12



Intercept CPS=218.942624 Intercept Conc=0.031519
Sensitivity=6946.316438 Correlation Coeff=0.999962

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	218.94	0.00
S	1.000	0.936	0.064	6721.10	6.39
S10	10.000	9.580	0.420	66763.18	4.20
S50	50.000	46.900	3.100	326003.59	6.20
S200	200.000	193.924	6.076	1347276.48	3.04
S500	500.000	495.659	4.341	3443224.93	0.87
S1000	1000.000	968.846	31.154	6730131.61	3.12
S2000	2000.000	2026.089	26.089	14074077.74	1.30
S5000	5000.000	4996.504	3.496	34707516.21	0.07

Dilution Corrected Concentrations

S0 09/13/2011 13:32:00

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:32:42	92.68%	0.0039	-0.0354	0.0466	-0.1133	-0.0410	0.1614	-0.0485
2	13:33:24	93.31%	0.0003	0.1570	0.0006	0.1704	0.0273	0.0277	0.8323
3	13:34:06	95.86%	-0.0013	0.2039	-0.0152	-0.0727	-0.0064	0.0276	-0.1607
4	13:34:48	T 108.20%	0.0072	-0.2392	0.0230	0.0080	0.0276	-0.0132	0.2267
5	13:35:30	T 109.96%	-0.0101	-0.0863	-0.0551	0.0076	-0.0076	-0.2035	-0.8498
x		T 100.00%	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000
%RSD		T 8.40	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:32:42	1.7046	99.65%	-0.0073	0.0422	-0.0054	0.3427	0.0074	-0.4743
2	13:33:24	0.9971	100.20%	-0.0074	-0.0268	0.0138	0.1584	0.0024	0.4940
3	13:34:06	-0.2139	99.79%	-0.0018	-0.0014	-0.0070	0.2698	-0.0064	1.1396
4	13:34:48	-0.5667	100.10%	0.0055	-0.0124	0.0009	-0.5509	-0.0045	-1.1696
5	13:35:30	-1.9210	100.25%	0.0110	-0.0016	-0.0022	-0.2201	0.0010	0.0103
x		0.0000	100.00%	0.0000	0.0000	-0.0000	-0.0000	0.0000	-0.0000
%RSD		0.0000	0.26	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:32:42	1.4303	0.0014	0.0129	0.0132	0.0618	0.0616	-0.0772	0.1999
2	13:33:24	-2.4018	-0.0009	0.0227	0.0120	-0.0428	0.0408	-0.0775	0.1588
3	13:34:06	0.3811	-0.0053	-0.0140	0.0145	-0.0093	-0.0313	0.0777	-0.0176
4	13:34:48	0.4509	0.0065	-0.0008	0.0081	-0.0127	-0.0113	0.0503	-0.2965
5	13:35:30	0.1395	-0.0017	-0.0208	-0.0479	0.0029	-0.0599	0.0266	-0.0446
x		-0.0000	-0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0000
%RSD		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:32:42	-0.4083	1.3148	99.50%	0.0000	0.0000	0.0000	0.0000	0.0000
2	13:33:24	-0.2519	-0.1445	99.49%	0.0000	0.0000	0.0000	0.0000	0.0000
3	13:34:06	0.2350	0.0262	99.34%	0.0000	0.0000	0.0000	0.0000	0.0000
4	13:34:48	0.3081	-0.6123	101.24%	0.0000	0.0000	0.0000	0.0000	0.0000
5	13:35:30	0.1170	-0.5842	100.44%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-0.0000	0.0000	100.00%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		0.0000	0.0000	0.82	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:32:42	98.05%	0.0044	1.1152	0.0015	-0.0223	-0.0020	0.0000	0.0000
2	13:33:24	99.76%	0.0007	0.0524	0.0029	-0.0078	0.0008	0.0000	0.0000
3	13:34:06	99.34%	-0.0025	0.1412	0.0007	-0.0126	0.0000	0.0000	0.0000
4	13:34:48	100.92%	0.0021	-1.1653	-0.0030	0.0317	-0.0013	0.0000	0.0000
5	13:35:30	101.93%	-0.0046	-0.1435	-0.0020	0.0109	0.0024	0.0000	0.0000
x		100.00%	0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000
%RSD		1.49	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:32:42	0.0005	0.0023	0.0133	98.72%	-0.0095	0.0035	0.0199	0.0338
2	13:33:24	0.0022	-0.0077	-0.0085	99.16%	0.0103	0.0032	-0.0004	0.0032
3	13:34:06	-0.0049	0.0214	-0.0086	100.13%	0.0055	-0.0003	-0.0119	-0.0137
4	13:34:48	0.0020	0.0112	-0.0087	101.21%	0.0011	0.0006	-0.0037	-0.0157
5	13:35:30	0.0002	-0.0272	0.0125	100.78%	-0.0074	-0.0070	-0.0039	-0.0075
x		-0.0000	0.0000	-0.0000	100.00%	0.0000	0.0000	-0.0000	-0.0000
%RSD		0.0000	0.0000	0.0000	1.05	0.0000	0.0000	0.0000	0.0000

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	13:32:42	0.0204	99.08%	-0.1385
2	13:33:24	0.0004	99.17%	0.5540
3	13:34:06	-0.0065	99.15%	-0.1385
4	13:34:48	-0.0087	101.00%	-0.1385
5	13:35:30	-0.0057	101.61%	-0.1385
x		-0.0000	100.00%	0.0000
%RSD		0.0000	1.21	0.0000

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Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:36:58	T 108.46%	0.9555	-0.5078	-0.0526	-0.2356	-0.1803	-0.9716	0.8357
2	13:37:40	96.59%	0.9615	-0.8217	-0.0591	-0.2358	-0.1457	-1.1907	0.0864
3	13:38:22	96.38%	1.0239	-0.4874	-0.0326	0.0080	0.0276	-1.0911	0.6452
4	13:39:04	98.09%	0.8932	-0.8361	-0.0119	-0.1151	-0.1476	-1.0884	0.9712
5	13:39:46	T 110.92%	0.9272	-0.6141	-0.0978	-0.1580	-0.1842	-1.1337	0.0927
X		T 102.09%	0.9523	-0.6534	-0.0508	-0.1473	-0.1260	-1.0951	0.5263
%RSD		T 6.88	5.0757	25.6070	63.2460	68.6600	69.6160	7.3553	78.8850

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:36:58	0.4528	98.97%	0.0020	4.9128	1.9907	-0.3669	0.9387	-0.1860
2	13:37:40	-1.0363	99.42%	-0.0017	5.0431	2.0065	0.7623	0.9573	2.0155
3	13:38:22	-0.4075	100.11%	-0.0018	5.0572	1.9467	2.9272	0.9044	1.1950
4	13:39:04	-2.3710	100.78%	0.0163	5.1985	1.9276	2.3852	0.9813	-0.1225
5	13:39:46	-1.5042	102.81%	-0.0023	5.0707	1.9507	2.1107	0.9311	-1.5797
X		-0.9732	100.42%	0.0025	5.0565	1.9644	1.5637	0.9426	0.2645
%RSD		110.1000	1.50	316.2200	2.0073	1.6724	85.8170	3.0585	524.1300

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:36:58	0.1570	0.9648	1.0700	1.7170	1.9163	1.6045	0.7849	4.7466
2	13:37:40	1.0459	1.0314	0.9114	1.9096	1.9439	1.7778	1.1117	5.1168
3	13:38:22	-1.7539	0.9912	0.8684	1.9893	1.9515	1.3659	0.7575	4.5755
4	13:39:04	-0.9831	0.9963	0.9776	1.9343	1.8697	1.6358	0.7810	4.7881
5	13:39:46	0.2710	0.9506	0.9387	1.8860	1.7389	1.6337	1.0687	4.4513
X		-0.2526	0.9869	0.9532	1.8873	1.8841	1.6036	0.9008	4.7357
%RSD		438.8200	3.1607	8.0204	5.4358	4.6299	9.2911	19.3080	5.3277

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:36:58	4.3813	1.0955	100.73%	0.0000	0.0000	0.0000	0.0000	0.0000
2	13:37:40	4.6931	-0.0025	100.08%	0.0000	0.0000	0.0000	0.0000	0.0000
3	13:38:22	4.5680	0.8983	99.67%	0.0000	0.0000	0.0000	0.0000	0.0000
4	13:39:04	5.0104	0.3291	99.65%	0.0000	0.0000	0.0000	0.0000	0.0000
5	13:39:46	5.0755	-0.5203	100.48%	0.0000	0.0000	0.0000	0.0000	0.0000
X		4.7457	0.3600	100.12%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		6.1971	183.0900	0.48	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:36:58	99.97%	0.9354	1.2581	0.9057	0.9405	0.9170	0.0000	0.0000
2	13:37:40	101.54%	0.9636	1.3146	0.9451	0.8845	0.8374	0.0000	0.0000
3	13:38:22	100.59%	0.9413	0.6477	0.8856	0.9039	0.9140	0.0000	0.0000
4	13:39:04	100.49%	1.0059	1.5019	0.9815	0.8622	0.8780	0.0000	0.0000
5	13:39:46	100.30%	0.9586	0.4683	0.9370	1.0221	0.9700	0.0000	0.0000
X		100.58%	0.9609	1.0381	0.9310	0.9227	0.9033	0.0000	0.0000
%RSD		0.58	2.8858	43.5360	3.9781	6.7828	5.4616	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:36:58	1.8746	9.4944	9.5824	100.97%	0.8724	0.8839	0.9255	0.9144
2	13:37:40	1.8911	9.3615	9.4947	101.01%	0.9044	0.9228	0.9934	0.9478
3	13:38:22	1.8638	9.4103	9.5407	100.27%	0.9100	0.9111	0.9844	0.9316
4	13:39:04	1.8410	10.1450	9.4332	100.16%	0.9206	0.9160	0.9482	1.0173
5	13:39:46	1.9353	10.4440	9.6658	100.14%	0.8976	0.8976	0.8972	0.9808
X		1.8812	9.7710	9.5434	100.51%	0.9010	0.9063	0.9497	0.9584
%RSD		1.8783	5.0321	0.9229	0.44	2.0048	1.7148	4.2303	4.2859

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	13:36:58	0.9051	100.41%	-0.1385
2	13:37:40	0.9331	100.60%	-0.1385
3	13:38:22	0.9649	100.39%	-0.1385
4	13:39:04	0.9473	99.69%	-0.1385
5	13:39:46	0.9300	99.46%	-0.1385
X		0.9361	100.11%	-0.1385
%RSD		2.3678	0.50	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:41:14	97.75%	9.8686	9.3830	9.6499	10.4160	9.9858	10.4760	12.4300
2	13:41:56	T 112.84%	9.9808	9.2640	9.9971	9.0714	9.3075	10.1340	11.4950
3	13:42:39	98.58%	9.8654	8.6194	9.4521	10.0340	9.9214	10.4860	10.3360
4	13:43:21	T 113.29%	9.8878	10.0550	9.6240	10.4180	10.4410	10.6400	13.6740
5	13:44:03	98.05%	10.4290	9.5181	9.6873	10.6660	9.2240	10.3400	12.4670
x		T 104.10%	10.0060	9.3680	9.6821	10.1210	9.7759	10.4150	12.0810
%RSD		T 7.87	2.4092	5.5116	2.0433	6.2125	5.1934	1.8205	10.3020

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:41:14	9.0298	100.19%	1.3454	9.8945	9.9038	15.1880	9.8201	11.9290
2	13:41:56	6.3380	101.09%	1.3086	9.8417	9.8076	12.7420	9.4866	11.1570
3	13:42:39	10.2230	103.90%	1.4191	9.5712	9.5610	11.9460	9.4014	10.1420
4	13:43:21	12.8940	100.17%	1.2692	9.3799	9.7639	12.6780	9.5081	11.7450
5	13:44:03	10.3670	100.88%	1.3560	9.8147	9.8675	15.2240	9.7059	11.6470
x		9.7704	101.25%	1.3397	9.7004	9.7808	13.5560	9.5844	11.3240
%RSD		24.3530	1.52	4.1798	2.2473	1.3713	11.3520	1.8010	6.3574

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:41:14	8.7643	9.8903	9.9581	9.8329	10.0400	11.0350	10.3720	9.9203
2	13:41:56	10.9590	10.1120	9.8077	9.8824	10.1620	10.6030	9.7768	10.3350
3	13:42:39	7.1063	9.6521	9.6592	9.8276	10.1440	10.3890	9.8878	9.9233
4	13:43:21	12.1720	9.8316	9.6761	9.9835	10.5650	10.8470	10.1150	9.9336
5	13:44:03	8.5673	9.9627	10.0090	9.9768	9.8034	10.6530	10.3140	10.3180
x		9.5136	9.8898	9.8221	9.9006	10.1430	10.7050	10.0930	10.0860
%RSD		21.2870	1.7127	1.6227	0.7646	2.7216	2.2987	2.5705	2.1773

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:41:14	9.5815	-0.4564	99.18%	0.0000	0.0000	0.0000	0.0000	0.0000
2	13:41:56	9.8848	-0.7670	98.66%	0.0000	0.0000	0.0000	0.0000	0.0000
3	13:42:39	10.3240	0.3805	99.83%	0.0000	0.0000	0.0000	0.0000	0.0000
4	13:43:21	9.9910	-0.0563	101.27%	0.0000	0.0000	0.0000	0.0000	0.0000
5	13:44:03	10.2730	1.0332	100.07%	0.0000	0.0000	0.0000	0.0000	0.0000
x		10.0110	0.0268	99.80%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		3.0286	2641.8000	0.99	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:41:14	98.56%	9.8289	0.2628	9.8928	9.9867	10.0170	0.0000	0.0000
2	13:41:56	100.75%	9.6036	0.6657	9.7483	9.5251	10.0470	0.0000	0.0000
3	13:42:39	101.68%	9.8577	0.3267	9.6138	9.5345	10.0310	0.0000	0.0000
4	13:43:21	100.34%	9.6435	0.1128	9.6600	9.4948	10.0930	0.0000	0.0000
5	13:44:03	100.69%	9.6960	0.1683	9.5117	9.8549	9.6820	0.0000	0.0000
x		100.40%	9.7260	0.3072	9.6853	9.6792	9.9742	0.0000	0.0000
%RSD		1.14	1.1566	70.5480	1.4866	2.3338	1.6624	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:41:14	9.7255	9.9970	9.9266	98.27%	9.6337	9.4245	9.7638	9.8786
2	13:41:56	9.3278	9.9304	9.6160	99.16%	9.4968	9.3124	9.3848	9.6409
3	13:42:39	9.1762	9.8197	9.8820	99.06%	9.5483	9.3549	9.4369	9.7948
4	13:43:21	9.2157	9.8834	9.5227	98.08%	9.4916	9.4823	9.5007	9.8864
5	13:44:03	9.2182	9.5578	9.4334	97.36%	9.5696	9.4224	9.5367	9.2923
x		9.3327	9.8376	9.6762	98.39%	9.5480	9.3993	9.5246	9.6986
%RSD		2.4292	1.7216	2.2592	0.76	0.6112	0.7052	1.5321	2.5536

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	13:41:14	9.7681	98.27%	-0.1385
2	13:41:56	9.5329	99.01%	-0.1385
3	13:42:39	9.5436	98.63%	0.5578
4	13:43:21	9.5224	98.18%	-0.1385
5	13:44:03	9.5319	98.07%	-0.1385
x		9.5798	98.43%	0.0008
%RSD		1.1019	0.39	41471.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:45:31	T 110.40%	48.6770	43.8450	49.1680	45.4690	45.8230	49.8780	51.5970
2	13:46:14	96.61%	50.2520	44.9010	47.6350	46.8970	48.4500	50.9180	48.6440
3	13:46:56	97.30%	49.2110	43.6260	47.6880	48.8480	47.1900	51.3760	50.3410
4	13:47:38	T 110.97%	49.7350	44.8800	48.7160	46.9690	47.2640	52.0350	51.8170
5	13:48:20	T 110.30%	49.8210	43.4040	47.4640	48.0040	49.3360	50.9770	49.7740
x		T 105.11%	49.5390	44.1310	48.1340	47.2380	47.6120	51.0370	50.4350
%RSD		T 7.10	1.2263	1.6100	1.5769	2.6977	2.8130	1.5401	2.6065

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:45:31	44.0830	100.74%	6.2733	46.4010	47.0090	65.6220	46.1170	48.9960
2	13:46:14	45.2260	100.11%	6.1474	47.7690	47.9120	70.4600	46.9440	48.7410
3	13:46:56	45.4670	100.78%	6.5252	48.4660	47.7920	69.2120	46.9970	49.4010
4	13:47:38	43.0860	99.01%	6.5271	48.2420	48.8170	66.3700	47.3140	50.6190
5	13:48:20	43.7890	99.59%	6.4380	47.3800	48.4110	67.7860	47.2920	48.6940
x		44.3300	100.04%	6.3822	47.6520	47.9890	67.8900	46.9330	49.2900
%RSD		2.2552	0.76	2.6167	1.7123	1.4242	2.9289	1.0350	1.6106

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:45:31	49.0860	48.2990	49.2390	49.3780	49.4560	50.4670	48.8400	50.1440
2	13:46:14	45.8070	49.7210	48.8070	48.6400	49.3830	50.0820	49.1790	47.7480
3	13:46:56	48.7590	49.5680	49.7900	49.4370	49.2580	50.3780	49.9120	50.2630
4	13:47:38	51.6920	50.4360	49.6700	49.6560	49.3190	52.5660	49.6480	50.3060
5	13:48:20	47.5210	48.9610	47.1780	48.2900	49.6940	51.1230	48.7350	50.6230
x		48.5730	49.3970	48.9370	49.0800	49.4220	50.9230	49.2630	49.8170
%RSD		4.4611	1.6349	2.1589	1.1907	0.3424	1.9518	1.0319	2.3488

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:45:31	49.3510	0.1934	97.23%	0.0000	0.0000	0.0000	0.0000	0.0000
2	13:46:14	49.6480	0.5516	98.45%	0.0000	0.0000	0.0000	0.0000	0.0000
3	13:46:56	51.0790	-0.4736	99.55%	0.0000	0.0000	0.0000	0.0000	0.0000
4	13:47:38	48.0730	0.7549	97.80%	0.0000	0.0000	0.0000	0.0000	0.0000
5	13:48:20	49.5600	-0.4930	98.11%	0.0000	0.0000	0.0000	0.0000	0.0000
x		49.5420	0.1066	98.23%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		2.1575	539.0700	0.88	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:45:31	98.60%	47.0740	1.4531	47.4970	47.7650	48.7940	0.0000	0.0000
2	13:46:14	99.24%	47.6690	1.8112	47.1710	46.9700	47.8130	0.0000	0.0000
3	13:46:56	99.70%	48.3870	2.6380	47.9820	47.5230	47.5910	0.0000	0.0000
4	13:47:38	99.92%	48.3120	0.6098	47.6370	47.3110	47.7210	0.0000	0.0000
5	13:48:20	98.22%	48.9760	0.6077	48.9240	48.5800	48.9830	0.0000	0.0000
x		99.13%	48.0840	1.4240	47.8420	47.6300	48.1800	0.0000	0.0000
%RSD		0.73	1.5176	60.3480	1.4024	1.2728	1.3587	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:45:31	45.7170	47.6960	46.4330	97.48%	46.1950	45.6680	46.7980	47.3400
2	13:46:14	45.2380	48.2360	46.9970	97.14%	46.6390	46.0020	46.4710	47.8020
3	13:46:56	45.5200	47.9830	47.0280	97.73%	46.7380	45.9470	46.2060	47.5510
4	13:47:38	45.7780	48.2990	47.5920	98.19%	47.0250	46.2580	46.9910	47.6140
5	13:48:20	46.5150	49.2330	48.7690	97.65%	47.0670	46.3300	46.4770	47.9520
x		45.7540	48.2890	47.3640	97.64%	46.7330	46.0410	46.5890	47.6520
%RSD		1.0377	1.1982	1.8710	0.39	0.7528	0.5753	0.6596	0.4937

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	13:45:31	46.8210	96.49%	-0.1385
2	13:46:14	46.7920	96.67%	-0.1385
3	13:46:56	46.7190	97.41%	-0.1385
4	13:47:38	47.0430	97.75%	-0.1385
5	13:48:20	47.1270	98.39%	-0.1385
x		46.9000	97.34%	-0.1385
%RSD		0.3733	0.80	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:49:49	94.43%	200.5800	179.4700	198.6000	198.2300	193.4300	211.7100	199.5200
2	13:50:31	94.04%	194.3500	177.5500	194.6900	191.9500	189.4400	208.8900	198.5500
3	13:51:13	T103.56%	189.8500	179.8200	195.5500	196.6200	192.7400	207.1000	196.4500
4	13:51:54	T105.30%	194.7700	182.3600	198.1100	191.6000	192.3600	206.0800	198.8600
5	13:52:36	91.39%	191.7400	174.1100	193.2200	193.0500	198.9900	210.4700	194.4400
x		T97.74%	194.2600	178.6600	196.0300	194.2900	193.3900	208.8500	197.5600
%RSD		T6.39	2.0904	1.7162	1.1640	1.5253	1.8003	1.1122	1.0583

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:49:49	182.2500	97.53%	26.3020	200.8400	202.0100	271.4900	194.9000	197.8400
2	13:50:31	177.2000	97.46%	26.0090	198.0300	197.9300	275.5600	192.2000	196.0500
3	13:51:13	183.4500	97.49%	25.5800	192.1000	193.8500	268.5400	191.5100	193.7500
4	13:51:54	177.1000	96.89%	25.6200	195.1700	195.6400	276.7700	196.2800	202.8100
5	13:52:36	181.7400	97.58%	25.9130	193.6700	194.8600	280.7700	195.1200	196.3000
x		180.3500	97.39%	25.8850	195.9600	196.8600	274.6300	194.0000	197.3500
%RSD		1.6556	0.29	1.1472	1.7837	1.6504	1.7287	1.0532	1.7144

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:49:49	190.8800	204.0600	197.1600	200.8500	201.5300	209.5900	199.7600	200.2900
2	13:50:31	190.8100	202.1500	195.6300	196.6300	200.7100	213.6000	200.7200	201.5100
3	13:51:13	191.6800	202.8300	195.5700	198.9400	200.1600	210.0200	197.4900	200.7100
4	13:51:54	198.7800	203.0300	197.5000	200.6000	202.9000	212.5200	201.4800	202.5700
5	13:52:36	188.2600	201.5700	197.1700	197.8700	199.9500	210.1600	201.5200	200.5300
x		192.0800	202.7300	196.6100	198.9800	201.0500	211.1800	200.1900	201.1200
%RSD		2.0612	0.4642	0.4729	0.9012	0.5968	0.8391	0.8350	0.4617

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:49:49	198.9300	1.3453	97.76%	0.0000	0.0000	0.0000	0.0000	0.0000
2	13:50:31	204.8900	-0.2704	96.97%	0.0000	0.0000	0.0000	0.0000	0.0000
3	13:51:13	199.3800	0.2626	98.02%	0.0000	0.0000	0.0000	0.0000	0.0000
4	13:51:54	202.4400	-0.7613	96.87%	0.0000	0.0000	0.0000	0.0000	0.0000
5	13:52:36	203.3300	0.0673	96.82%	0.0000	0.0000	0.0000	0.0000	0.0000
x		201.7900	0.1287	97.29%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		1.2721	608.4100	0.58	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:49:49	98.87%	197.5000	1.5290	196.9300	197.0000	197.5200	0.0000	0.0000
2	13:50:31	98.07%	197.4000	0.9788	197.6200	195.3700	198.6200	0.0000	0.0000
3	13:51:13	97.42%	198.8000	4.1587	200.9900	199.1200	198.3600	0.0000	0.0000
4	13:51:54	98.77%	198.5900	0.3165	197.7900	196.6200	198.0400	0.0000	0.0000
5	13:52:36	98.37%	196.2400	1.8055	198.3000	194.9000	197.9900	0.0000	0.0000
x		98.30%	197.7100	1.7577	198.3300	196.6000	198.1000	0.0000	0.0000
%RSD		0.60	0.5230	82.9520	0.7894	0.8400	0.2100	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:49:49	188.8200	195.3600	192.6800	98.48%	192.1000	193.2100	191.6100	196.5600
2	13:50:31	189.0000	196.7900	190.0600	97.89%	191.6300	191.4300	190.3000	195.4700
3	13:51:13	190.4600	197.4100	192.9500	98.66%	193.1300	192.7600	191.3600	196.0800
4	13:51:54	188.7800	194.4300	191.9700	99.42%	193.7300	193.9100	192.8700	197.2100
5	13:52:36	188.5100	195.9600	190.1900	99.27%	194.2300	192.5300	192.1900	196.3400
x		189.1100	195.9900	191.5700	98.74%	192.9700	192.7700	191.6700	196.3300
%RSD		0.4078	0.5973	0.7141	0.63	0.5652	0.4735	0.5006	0.3255

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	13:49:49	194.2400	98.32%	-0.1385
2	13:50:31	193.1600	99.31%	-0.1385
3	13:51:13	193.2900	99.24%	-0.1385
4	13:51:54	194.5100	99.66%	-0.1385
5	13:52:36	194.4200	99.78%	0.5498
x		193.9200	99.26%	-0.0009
%RSD		0.3340	0.58	36205.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:54:05	T 107.89%	502.3500	460.3100	497.9300	487.2700	499.5400	528.2100	481.6000
2	13:54:47	T 102.27%	494.8600	453.6600	493.2400	480.5000	490.6900	524.2600	483.5400
3	13:55:29	92.03%	494.6700	452.4600	495.7400	475.1100	470.2600	523.9300	490.8500
4	13:56:11	92.16%	493.6900	463.6100	497.7000	479.8500	476.0500	518.0900	487.0700
5	13:56:53	T 107.50%	497.7400	442.5400	477.3600	474.1100	490.1100	519.8500	482.1300
x		T 100.37%	496.6600	454.5200	492.3900	479.3700	485.3300	522.8700	485.0400
%RSD		T 7.84	0.7086	1.7901	1.7490	1.0928	2.4529	0.7624	0.8012

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:54:05	455.0500	98.19%	65.8550	504.4200	504.5200	702.3500	T 514.1300	507.6900
2	13:54:47	441.5000	96.26%	65.2630	504.1300	510.8100	699.8100	T 507.8300	500.7100
3	13:55:29	456.7500	95.91%	64.9910	511.6700	504.5500	709.3600	506.7900	500.3600
4	13:56:11	444.0300	95.42%	64.6740	496.0600	492.9100	690.6300	492.7800	498.9900
5	13:56:53	452.5000	96.89%	65.0380	508.5100	504.3800	696.8200	T 510.1800	499.4100
x		449.9700	96.53%	65.1640	504.9600	503.4300	699.7900	T 506.3400	501.4300
%RSD		1.5120	1.11	0.6749	1.1621	1.2889	0.9870	T 1.5978	0.7115

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:54:05	502.2300	527.9100	501.1000	497.1400	506.5800	525.2600	500.0700	494.5700
2	13:54:47	474.7500	519.3900	496.0100	501.9100	506.6200	524.2300	497.8300	497.5800
3	13:55:29	479.8300	526.0500	497.4200	502.6300	506.3600	523.5700	496.0800	499.7900
4	13:56:11	492.5600	T 518.1400	504.7000	515.3900	503.7400	525.8200	496.0800	M 506.0900
5	13:56:53	485.5100	523.6900	494.6700	506.1900	513.2100	526.4800	494.5900	499.8200
x		486.9800	T 523.0400	498.7800	504.6500	507.3000	525.0700	496.9300	M 499.5700
%RSD		2.2181	T 0.8027	0.8197	1.3505	0.6932	0.2242	0.4215	M 0.8471

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:54:05	M 502.7200	0.6215	97.29%	0.0000	0.0000	0.0000	0.0000	0.0000
2	13:54:47	499.4400	0.8710	95.93%	0.0000	0.0000	0.0000	0.0000	0.0000
3	13:55:29	496.7800	0.2904	95.84%	0.0000	0.0000	0.0000	0.0000	0.0000
4	13:56:11	M 504.2100	0.8950	93.97%	0.0000	0.0000	0.0000	0.0000	0.0000
5	13:56:53	493.5000	0.2650	94.42%	0.0000	0.0000	0.0000	0.0000	0.0000
x		M 499.3300	0.5886	95.49%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		M 0.8722	51.5590	1.39	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:54:05	97.72%	M 500.0300	8.5145	499.9800	490.6200	502.9300	0.0000	0.0000
2	13:54:47	96.74%	499.9100	3.9489	M 500.1400	492.0100	502.7000	0.0000	0.0000
3	13:55:29	96.30%	M 503.1500	0.4292	M 501.5600	494.7400	503.6800	0.0000	0.0000
4	13:56:11	94.71%	M 505.3900	5.4789	M 505.2900	493.6800	499.7300	0.0000	0.0000
5	13:56:53	96.57%	497.0900	-1.5270	497.4900	488.2600	493.2100	0.0000	0.0000
x		96.41%	M 501.1200	3.3689	M 500.8900	491.8600	500.4500	0.0000	0.0000
%RSD		1.13	M 0.6408	118.6200	M 0.5712	0.5202	0.8633	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:54:05	477.9300	486.7300	482.2400	97.27%	488.1300	499.6900	488.8300	498.6800
2	13:54:47	476.9900	492.4300	480.8300	95.78%	490.7000	502.3100	487.5400	493.2400
3	13:55:29	475.9400	488.3800	482.9300	96.04%	492.2600	502.9400	491.8500	501.5000
4	13:56:11	482.3100	494.7100	483.8400	95.27%	486.3900	498.0800	487.4600	492.9800
5	13:56:53	471.3500	492.9600	477.2500	94.36%	490.3400	501.1500	489.4000	497.8100
x		476.9100	491.0400	481.4200	95.74%	489.5600	500.8400	489.0200	496.8400
%RSD		0.8254	0.6808	0.5345	1.12	0.4715	0.3942	0.3658	0.7388

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	13:54:05	496.2900	98.16%	0.5611
2	13:54:47	495.1600	97.58%	-0.1385
3	13:55:29	495.7400	96.65%	-0.1385
4	13:56:11	494.2500	96.80%	0.5709
5	13:56:53	496.8500	95.41%	0.5812
x		495.6600	96.92%	0.2873
%RSD		0.2035	1.07	135.3200

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:58:21	91.34%	990.2600	┬983.6900	978.0800	956.8800	954.8400	┬1021.6000	958.2800
2	13:59:04	92.74%	984.9300	┬977.3700	973.3500	921.7700	944.8400	┬1015.6000	973.4100
3	13:59:46	91.18%	992.4400	┬982.4000	984.8800	969.4300	972.8600	┬1037.2000	976.0900
4	14:00:28	90.37%	990.7000	┬991.1000	980.0600	950.2300	965.1900	┬1042.0000	972.2300
5	14:01:10	┬103.63%	964.6200	┬973.7900	967.5700	941.0200	931.1500	┬1012.1000	967.2900
x		┬93.85%	984.5900	┬981.6700	976.7900	947.8700	953.7800	┬1025.7000	969.4600
%RSD		┬5.90	1.1690	┬0.6719	0.6763	1.8873	1.7285	┬1.2926	0.7236

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:58:21	885.7900	93.98%	0.0423	┬997.8800	┬975.4600	1367.6000	┬990.5700	1014.5000
2	13:59:04	896.2700	93.58%	0.0347	┬1006.6000	┬1005.1000	1382.0000	┬985.5700	┬1030.8000
3	13:59:46	911.0600	92.24%	0.0155	┬1008.6000	┬1011.7000	1390.7000	┬1002.2000	1002.7000
4	14:00:28	887.0400	93.49%	0.0052	┬997.5100	┬1003.3000	1372.3000	┬1005.2000	1008.4000
5	14:01:10	870.4100	95.22%	0.0203	┬996.0500	┬977.6900	1337.7000	┬987.3500	995.7000
x		890.1100	93.70%	0.0236	┬1001.3000	┬994.6500	1370.1000	┬994.1800	┬1010.4000
%RSD		1.6786	1.14	63.0650	┬0.5808	┬1.6899	1.4713	┬0.8996	┬1.3201

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:58:21	966.9200	┬1002.8000	993.2300	1006.4000	993.8200	1037.9000	984.6400	-0.0547
2	13:59:04	966.4200	┬1011.2000	991.0700	1009.3000	999.3800	1036.5000	991.3100	-0.1496
3	13:59:46	966.3300	┬1010.8000	1009.8000	1027.0000	1012.0000	1044.5000	990.5100	-0.2651
4	14:00:28	959.9300	┬1004.7000	973.0800	1016.4000	995.8500	1038.6000	988.8300	-0.5909
5	14:01:10	954.2100	┬992.6500	965.0400	973.9200	969.2800	1024.6000	982.2200	-0.0241
x		962.7600	┬1004.4000	986.4500	1006.6000	994.0700	1036.4000	987.5000	-0.2169
%RSD		0.5796	┬0.7508	1.7922	1.9798	1.5657	0.7019	0.3968	105.7000

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:58:21	0.2305	0.6300	92.66%	0.0000	0.0000	0.0000	0.0000	0.0000
2	13:59:04	-0.0416	1.2400	91.14%	0.0000	0.0000	0.0000	0.0000	0.0000
3	13:59:46	0.2329	1.0400	91.78%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:00:28	0.2937	-0.2317	92.60%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:01:10	-0.2298	1.6977	92.03%	0.0000	0.0000	0.0000	0.0000	0.0000
x		0.0972	0.8752	92.04%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		230.7300	83.2250	0.68	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:58:21	93.61%	0.4373	-10.2400	0.4392	965.2500	987.8600	0.0000	0.0000
2	13:59:04	93.33%	0.3013	-2.4269	0.3072	958.2000	978.2100	0.0000	0.0000
3	13:59:46	93.51%	0.2537	-0.6952	0.2949	961.3300	980.9300	0.0000	0.0000
4	14:00:28	93.58%	0.2442	-4.6635	0.2724	969.6300	989.1100	0.0000	0.0000
5	14:01:10	93.90%	0.3872	1.6262	0.3940	959.5400	993.6400	0.0000	0.0000
x		93.59%	0.3247	-3.2799	0.3415	962.7900	985.9500	0.0000	0.0000
%RSD		0.22	26.0540	137.9100	20.9180	0.4832	0.6372	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	13:58:21	957.9900	967.9400	948.4000	92.58%	977.5500	┬982.9400	982.8600	971.3300
2	13:59:04	944.9300	954.1000	944.1200	92.45%	970.0400	┬966.2000	958.0100	958.2000
3	13:59:46	948.1100	964.3200	944.2600	93.18%	972.4200	┬972.9500	┬962.0200	955.7600
4	14:00:28	957.8300	970.2700	953.1700	92.89%	972.6100	┬974.7300	┬962.6100	955.2500
5	14:01:10	951.9700	966.6400	951.6900	93.65%	959.6400	┬969.8800	┬963.5100	960.7800
x		952.1700	964.6500	948.3300	92.95%	970.4500	┬973.3400	┬965.8000	960.2600
%RSD		0.6098	0.6510	0.4379	0.52	0.6836	┬0.6440	┬1.0109	0.6836

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	13:58:21	┬982.9800	93.37%	0.5970
2	13:59:04	┬964.4200	┬94.71%	-0.1385
3	13:59:46	┬965.4900	┬94.91%	-0.1385
4	14:00:28	┬966.9300	┬95.89%	-0.1385
5	14:01:10	┬964.4000	┬97.08%	-0.1385
x		┬968.8500	┬95.19%	0.0086
%RSD		┬0.8226	┬1.46	3823.5000

S2000 09/13/2011 14:01:57

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:02:39	87.99%	↑2121.8000	↑2017.1000	↑2076.3000	1992.3000	2020.0000	↑2128.0000	↑2054.5000
2	14:03:21	88.92%	1995.3000	↑1956.3000	↑2007.9000	1942.2000	1966.9000	↑2115.1000	↑2010.0000
3	14:04:03	89.28%	↑1991.4000	↑1968.2000	↑2005.7000	1906.8000	1940.6000	↑2057.7000	↑1974.6000
4	14:04:46	90.15%	↑1999.6000	↑1993.1000	↑2020.4000	1917.1000	1906.1000	↑2061.4000	↑1985.2000
5	14:05:28	88.73%	1961.9000	↑1980.5000	↑2029.1000	1937.5000	1960.7000	↑2068.2000	↑2005.1000
X		89.01%	↑2014.0000	↑1983.1000	↑2027.9000	1939.2000	1958.9000	↑2086.1000	↑2005.9000
%RSD		0.89	↑3.0807	↑1.1834	↑1.4141	1.7031	2.1246	↑1.5779	↑1.5341

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:02:39	1876.2000	90.64%	0.0060	↑2063.5000	↑2066.0000	2830.5000	↑2043.1000	↑2071.8000
2	14:03:21	1833.0000	90.94%	0.0241	↑2043.1000	↑2059.2000	2787.7000	↑2015.3000	↑2064.1000
3	14:04:03	1812.2000	91.52%	0.0057	↑1990.0000	↑1993.0000	2825.8000	↑1994.2000	↑2064.2000
4	14:04:46	1827.6000	91.61%	0.0057	↑1989.6000	↑1998.6000	2799.2000	↑2017.7000	↑2092.0000
5	14:05:28	1820.1000	91.71%	0.0177	↑1999.2000	↑1973.3000	2741.3000	↑1984.0000	↑2038.9000
X		1833.8000	91.29%	0.0118	↑2017.1000	↑2018.0000	2796.9000	↑2010.9000	↑2066.2000
%RSD		1.3607	0.51	72.3650	↑1.6887	↑2.0727	1.2836	↑1.1417	↑0.9212

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:02:39	1990.8000	↑2089.5000	2045.9000	↑2092.5000	2145.6000	2221.0000	2059.3000	-0.4425
2	14:03:21	1971.8000	↑1993.9000	1998.8000	↑2033.6000	2043.7000	2135.3000	2009.5000	-0.4550
3	14:04:03	1941.3000	↑1999.7000	2001.2000	↑2010.9000	2004.4000	2090.1000	1970.5000	0.0812
4	14:04:46	1947.7000	↑1996.2000	2002.7000	↑2039.4000	2054.9000	2129.2000	1995.7000	0.0440
5	14:05:28	1943.6000	↑1956.0000	1971.0000	↑2000.3000	2003.5000	2105.8000	1985.4000	-0.1875
X		1959.0000	↑2007.1000	2003.9000	↑2035.3000	2050.4000	2136.3000	2004.1000	-0.1920
%RSD		1.0984	↑2.4610	1.3397	↑1.7570	2.8272	2.3741	1.6973	133.4000

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:02:39	0.1518	-1.3537	90.16%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:03:21	0.1925	0.5594	91.08%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:04:03	-0.0203	0.8737	91.72%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:04:46	-0.1048	0.6090	91.73%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:05:28	0.2751	0.5966	91.96%	0.0000	0.0000	0.0000	0.0000	0.0000
X		0.0988	0.2570	91.33%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		158.5600	353.7100	0.80	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:02:39	91.97%	0.1144	-4.2372	0.1067	2024.9000	2087.3000	0.0000	0.0000
2	14:03:21	93.12%	0.0962	-4.9950	0.0869	1980.9000	2056.8000	0.0000	0.0000
3	14:04:03	93.14%	0.0956	-12.4520	0.1021	1970.6000	2068.3000	0.0000	0.0000
4	14:04:46	91.75%	0.1079	-0.7012	0.1147	2008.3000	2096.6000	0.0000	0.0000
5	14:05:28	91.68%	0.1342	-6.2893	0.1209	2015.1000	2113.9000	0.0000	0.0000
X		92.33%	0.1097	-5.7349	0.1063	2000.0000	2084.6000	0.0000	0.0000
%RSD		0.80	14.4560	74.7740	12.2350	1.1587	1.0868	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:02:39	2061.6000	2008.5000	2006.8000	91.13%	↑2035.3000	↑2040.6000	↑2068.8000	↑2055.7000
2	14:03:21	2015.7000	1991.1000	1966.9000	92.45%	↑2014.6000	↑2029.1000	↑2032.6000	↑2028.0000
3	14:04:03	2011.0000	1987.7000	1950.0000	92.57%	↑2017.4000	↑2013.7000	↑2019.7000	↑2030.1000
4	14:04:46	↑2058.3000	1985.1000	1969.9000	93.20%	↑2017.3000	↑2004.3000	↑2025.1000	↑2033.3000
5	14:05:28	2037.4000	2004.5000	1964.7000	93.36%	↑2029.8000	↑2025.2000	↑2030.3000	↑2031.6000
X		↑2036.8000	1995.4000	1971.7000	92.54%	↑2022.9000	↑2022.6000	↑2035.3000	↑2035.7000
%RSD		↑1.1472	0.5258	1.0706	0.95	↑0.4504	↑0.6937	↑0.9511	↑0.5569

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	14:02:39	↑2050.1000	92.99%	-0.1385
2	14:03:21	↑2021.5000	93.81%	-0.1385
3	14:04:03	↑2016.6000	94.27%	1.3185
4	14:04:46	↑2019.7000	94.87%	0.5853
5	14:05:28	↑2022.6000	94.80%	-0.1385
X		↑2026.1000	94.15%	0.2977
%RSD		↑0.6709	0.82	218.7300

S5000 09/13/2011 14:06:15

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:06:57	87.46%	T 4935.9000	T 4873.5000	T 4956.5000	4776.7000	4851.8000	T 5006.2000	T 4862.3000
2	14:07:39	89.57%	T 4922.2000	T 4856.5000	T 4931.5000	4736.6000	4735.5000	T 4991.9000	T 4867.2000
3	14:08:21	91.48%	T 4947.4000	T 4870.5000	T 4957.7000	4856.7000	4825.3000	T 5126.2000	T 4929.3000
4	14:09:03	91.81%	TM 5043.1000	T 4922.8000	T 4959.2000	4830.1000	4800.9000	T 5127.2000	T 4911.2000
5	14:09:45	T 106.82%	TM 5141.6000	T 5126.3000	T 5109.1000	4949.5000	4938.2000	T 5208.7000	T 5057.6000
X		T 93.43%	TM 4998.0000	T 4929.9000	T 4982.8000	4829.9000	4830.3000	T 5092.0000	T 4925.5000
%RSD		T 8.23	TM 1.8671	T 2.2845	T 1.4351	1.6869	1.5352	T 1.7948	T 1.6067
Run	**Time**	**44Ca**	**45Sc**	**47Ti**	**51V**	**52Cr**	**54Fe**	**55Mn**	**56Fe**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:06:57	4459.7000	89.62%	0.0206	T 4970.0000	TM 5027.9000	7038.7000	TM 5015.5000	T 5009.0000
2	14:07:39	4462.5000	91.57%	0.0097	T 4903.3000	T 4925.6000	6889.2000	T 4928.1000	T 5031.4000
3	14:08:21	4521.6000	91.22%	0.0280	T 4951.2000	T 4940.5000	7040.5000	TM 5051.0000	T 5141.5000
4	14:09:03	4488.5000	93.54%	0.0328	TM 5038.9000	T 4995.7000	6991.2000	T 4971.2000	T 5120.2000
5	14:09:45	4579.5000	93.24%	0.0389	TM 5099.6000	TM 5078.7000	7129.4000	TM 5016.5000	T 5179.5000
X		4502.4000	91.84%	0.0260	TM 4992.6000	TM 4993.7000	7017.8000	TM 4996.5000	T 5096.3000
%RSD		1.1061	1.74	43.3780	TM 1.5444	TM 1.2608	1.2476	TM 0.9516	T 1.4342
Run	**Time**	**57Fe**	**59Co**	**60Ni**	**63Cu**	**65Cu**	**66Zn**	**75As**	**78Se**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:06:57	4781.4000	T 4915.4000	T 4899.2000	T 4949.9000	T 4972.6000	T 4955.5000	4970.5000	-0.1681
2	14:07:39	4812.3000	T 4935.3000	T 4898.4000	T 4912.2000	T 4911.7000	T 4846.7000	4956.7000	0.1390
3	14:08:21	4873.3000	T 4956.4000	TM 5005.3000	T 4979.4000	T 4973.9000	T 4971.6000	M 5031.2000	0.3627
4	14:09:03	4830.6000	TM 5049.4000	TM 5106.8000	TM 5001.4000	T 4935.2000	T 4910.4000	4970.7000	-0.0512
5	14:09:45	4914.8000	TM 5113.0000	TM 5097.4000	TM 5077.7000	TM 5107.8000	T 4992.0000	M 5076.8000	-0.0986
X		4842.5000	TM 4993.9000	TM 5001.4000	TM 4984.1000	TM 4980.2000	T 4935.2000	M 5001.2000	0.0368
%RSD		1.0817	TM 1.6836	TM 2.0341	TM 1.2459	TM 1.5260	T 1.1735	M 1.0232	584.7000
Run	**Time**	**82Se**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:06:57	0.4349	0.9361	89.26%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:07:39	0.0864	0.9431	90.44%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:08:21	0.1298	0.4317	90.06%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:09:03	0.5936	-0.1731	91.25%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:09:45	-0.1055	1.2617	90.82%	0.0000	0.0000	0.0000	0.0000	0.0000
X		0.2278	0.6799	90.37%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		123.6300	82.6320	0.84	0.0000	0.0000	0.0000	0.0000	0.0000
Run	**Time**	**103Rh**	**107Ag**	**108Mo O**	**109Ag**	**111Cd**	**114Cd**	**115In**	**118Sn**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:06:57	90.88%	0.0388	-19.0990	0.0317	4990.3000	T 4963.4000	0.0000	0.0000
2	14:07:39	91.02%	0.0267	-15.5640	0.0347	4964.5000	T 4917.9000	0.0000	0.0000
3	14:08:21	91.98%	0.0400	-14.0580	0.0312	4994.5000	T 4941.5000	0.0000	0.0000
4	14:09:03	92.22%	0.0505	-21.6490	0.0464	5047.6000	T 4967.3000	0.0000	0.0000
5	14:09:45	92.70%	0.0514	-24.2930	0.0590	5045.2000	T 5055.0000	0.0000	0.0000
X		91.76%	0.0415	-18.9330	0.0406	5008.4000	T 4969.0000	0.0000	0.0000
%RSD		0.86	24.3190	22.2940	29.5180	0.7297	T 1.0461	0.0000	0.0000
Run	**Time**	**121Sb**	**135Ba**	**137Ba**	**159Tb**	**203Tl**	**205Tl**	**206Pb**	**207Pb**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:06:57	T 4964.6000	4982.3000	M 5020.6000	90.92%	T 4936.8000	T 4959.9000	T 4968.5000	T 4970.5000
2	14:07:39	T 4960.3000	4949.4000	4974.2000	91.11%	T 4930.1000	T 4917.1000	T 4930.2000	T 4957.3000
3	14:08:21	T 4989.7000	M 5005.7000	4983.6000	90.29%	TM 5021.7000	T 4994.6000	T 4992.6000	T 4994.7000
4	14:09:03	TM 5015.6000	M 5039.9000	M 5070.0000	90.64%	TM 5054.3000	T 5041.3000	T 5020.4000	T 5011.8000
5	14:09:45	TM 5058.0000	M 5072.8000	M 5071.0000	90.03%	TM 5047.7000	T 5070.0000	T 5059.3000	T 5036.3000
X		TM 4997.6000	M 5010.0000	M 5023.9000	90.60%	TM 4998.1000	T 4996.6000	T 4994.2000	T 4994.1000
%RSD		TM 0.8070	M 0.9623	M 0.9153	0.49	TM 1.2071	T 1.2279	T 0.9856	T 0.6335
Run	**Time**	**208Pb**	**209Bi**	**220Bkg**					
		ug/L	ug/L	ug/L					
1	14:06:57	T 4973.4000	90.45%	-0.1385					
2	14:07:39	T 4937.5000	90.92%	-0.1385					
3	14:08:21	T 4990.6000	90.46%	0.6206					
4	14:09:03	T 5026.8000	90.06%	0.6240					
5	14:09:45	T 5054.3000	90.13%	2.9091					
X		T 4996.5000	90.40%	0.7753					
%RSD		T 0.9125	0.37	161.4800					

S50000 09/13/2011 14:10:32

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:11:14	85.95%	3.6574	T50365.0000	T50231.0000	T49617.0000	T49972.0000	T50393.0000	T49921.0000
2	14:11:57	85.99%	2.5401	T49242.0000	T49453.0000	T49325.0000	T48489.0000	T48802.0000	T48162.0000
3	14:12:39	85.28%	1.3589	T50659.0000	T50549.0000	T50063.0000	T49525.0000	T50149.0000	T48677.0000
4	14:13:21	86.19%	0.6348	T49349.0000	T49662.0000	T49331.0000	T49122.0000	T48838.0000	T48941.0000
5	14:14:04	84.74%	0.3766	T51176.0000	T51001.0000	T50480.0000	T50205.0000	T50657.0000	T50736.0000
x		85.63%	1.7136	T50159.0000	T50179.0000	T49763.0000	T49463.0000	T49768.0000	T49287.0000
%RSD		0.70	80.1150	T1.6752	T1.2641	T1.0069	T1.3852	T1.7760	T2.0935

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:11:14	T49369.0000	86.01%	0.0073	3.3876	4.4661	T50721.0000	4.2531	T50488.0000
2	14:11:57	45944.0000	89.73%	0.0104	2.1620	3.4796	T48754.0000	3.1571	T48878.0000
3	14:12:39	T49290.0000	89.77%	0.0186	1.0655	2.2519	T50252.0000	2.0863	T49776.0000
4	14:13:21	T49995.0000	90.96%	0.0019	0.3534	1.5151	T49653.0000	1.4915	T49938.0000
5	14:14:04	T50269.0000	90.84%	0.0161	0.1572	1.2963	T50067.0000	1.1743	T50033.0000
x		T48973.0000	89.46%	0.0108	1.4251	2.6018	T49890.0000	2.4324	T49823.0000
%RSD		T3.5600	2.25	61.8560	94.6640	51.7590	T1.4865	52.1160	T1.1853

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:11:14	50054.0000	4.2550	4.4948	3.8236	4.2020	4.4884	3.4456	0.6795
2	14:11:57	T49279.0000	3.2825	3.6141	2.9855	3.0271	3.7366	2.5053	0.8290
3	14:12:39	T49470.0000	1.9889	2.4028	1.7340	1.7509	2.2164	1.4533	1.0180
4	14:13:21	T50746.0000	1.3758	1.8252	1.0112	1.0117	1.6842	0.5981	0.8255
5	14:14:04	T50675.0000	1.1468	1.3542	0.5844	0.7977	1.2581	0.4287	1.5255
x		T50045.0000	2.4098	2.7382	2.0277	2.1579	2.6767	1.6862	0.9755
%RSD		T1.3424	54.9270	47.3140	66.8280	66.6080	51.5470	76.0980	33.8420

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:11:14	-0.2070	0.5439	83.51%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:11:57	-0.1352	1.5689	84.88%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:12:39	0.1572	0.2683	86.34%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:13:21	-0.0435	0.7906	86.78%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:14:04	0.3965	0.2809	87.74%	0.0000	0.0000	0.0000	0.0000	0.0000
x		0.0336	0.6905	85.85%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		727.8000	77.6240	1.94	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:11:14	83.46%	0.0106	0.3502	0.0057	3.0919	3.4581	0.0000	0.0000
2	14:11:57	84.43%	0.0103	-0.6144	0.0014	2.4055	2.4448	0.0000	0.0000
3	14:12:39	86.77%	0.0045	0.3377	0.0009	1.0979	1.1827	0.0000	0.0000
4	14:13:21	86.98%	0.0044	-0.7452	0.0171	0.5053	0.4848	0.0000	0.0000
5	14:14:04	87.52%	0.0192	-0.5568	0.0175	0.2975	0.2530	0.0000	0.0000
x		85.83%	0.0098	-0.2457	0.0085	1.4796	1.5647	0.0000	0.0000
%RSD		2.07	61.9790	220.8500	96.5190	82.4250	86.8820	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:11:14	3.4650	3.5181	3.3378	83.74%	3.4629	3.4164	3.3260	3.5528
2	14:11:57	2.3626	2.4361	2.2742	84.65%	2.3856	2.3565	2.5785	2.5190
3	14:12:39	1.2751	1.3267	1.3606	85.20%	1.3503	1.2921	1.2574	1.3451
4	14:13:21	0.5278	0.5422	0.7279	86.61%	0.6265	0.5816	0.6482	0.5425
5	14:14:04	0.2665	0.3928	0.3107	87.77%	0.3122	0.3035	0.3034	0.2736
x		1.5794	1.6432	1.6022	85.59%	1.6275	1.5900	1.6227	1.6466
%RSD		84.3010	80.6200	76.1500	1.87	79.8330	81.2980	79.3900	83.6560

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	14:11:14	3.4340	81.40%	-0.1385
2	14:11:57	2.4912	82.41%	-0.1385
3	14:12:39	1.3219	83.07%	-0.1385
4	14:13:21	0.6030	84.02%	-0.1385
5	14:14:04	0.3129	84.91%	-0.1385
x		1.6326	83.16%	-0.1385
%RSD		80.3350	1.64	0.0000

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Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:15:33	79.16%	0.1995	T 99873.0000	T 99378.0000	T 99538.0000	T 99667.0000	TM 100730.0000	T 98877.0000
2	14:16:16	79.27%	0.1287	T 99848.0000	T 99361.0000	TM 100750.0000	TM 100480.0000	T 100000.0000	TM 100460.0000
3	14:16:58	81.81%	0.1048	TM 100910.0000	TM 100880.0000	TM 101020.0000	TM 100550.0000	TM 100430.0000	TM 101340.0000
4	14:17:40	81.40%	0.0807	T 98852.0000	T 99963.0000	T 99496.0000	T 99954.0000	T 99146.0000	T 99430.0000
5	14:18:22	82.03%	0.0508	TM 100140.0000	T 99972.0000	T 99834.0000	TM 100740.0000	TM 100240.0000	TM 101690.0000
x		80.73%	0.1129	TM 99925.0000	TM 99911.0000	TM 100130.0000	TM 100280.0000	TM 100110.0000	TM 100360.0000
%RSD		1.74	49.9210	TM 0.7391	TM 0.6193	TM 0.7108	TM 0.4482	TM 0.6012	TM 1.2008

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:15:33	T 99116.0000	86.98%	0.0092	-0.1805	2.1675	T 99699.0000	1.8197	TM 100540.0000
2	14:16:16	TM 101460.0000	87.61%	0.0384	-0.1767	2.0776	TM 100240.0000	2.0869	TM 100430.0000
3	14:16:58	TM 100310.0000	89.07%	0.0519	-0.2405	2.1207	TM 100010.0000	1.8240	TM 100040.0000
4	14:17:40	TM 100710.0000	89.67%	0.0248	-0.2457	2.1617	T 98401.0000	1.7936	T 98936.0000
5	14:18:22	TM 101110.0000	90.82%	0.0324	-0.2528	2.0470	TM 101320.0000	1.8511	TM 100460.0000
x		TM 100540.0000	88.83%	0.0313	-0.2193	2.1149	TM 99934.0000	1.8751	TM 100080.0000
%RSD		TM 0.9005	1.75	50.7360	17.0510	2.4796	TM 1.0513	6.4076	TM 0.6687

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:15:33	TM 100610.0000	1.7288	2.1637	0.6365	0.9069	1.3212	0.1300	1.6972
2	14:16:16	TM 101030.0000	1.6508	2.2264	0.6952	0.8073	1.3032	0.1004	1.4183
3	14:16:58	T 99548.0000	1.6703	2.2499	0.6005	0.6477	1.4010	0.0703	2.0965
4	14:17:40	T 98686.0000	1.5493	2.2167	0.5993	0.6416	1.2293	0.0517	2.3929
5	14:18:22	TM 100060.0000	1.6537	2.2846	0.6029	0.6996	1.3378	0.1547	3.0344
x		TM 99987.0000	1.6506	2.2283	0.6269	0.7406	1.3185	0.1014	2.1279
%RSD		TM 0.9177	3.9238	2.0004	6.5737	15.4270	4.7017	41.5470	29.5560

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:15:33	-0.5560	2.9732	83.02%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:16:16	-0.5020	1.8146	84.34%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:16:58	-0.4071	2.2294	84.96%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:17:40	-0.4722	1.5339	85.43%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:18:22	-0.2681	1.9634	85.82%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-0.4411	2.1029	84.71%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		25.0830	26.0440	1.29	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:15:33	82.49%	0.0044	0.5052	0.0183	0.0993	0.0898	0.0000	0.0000
2	14:16:16	84.19%	0.0136	-0.0944	0.0102	0.0582	0.0618	0.0000	0.0000
3	14:16:58	84.71%	0.0115	1.1370	0.0093	0.0036	0.0417	0.0000	0.0000
4	14:17:40	84.90%	0.0301	1.7629	0.0140	-0.0129	0.0262	0.0000	0.0000
5	14:18:22	85.21%	0.0254	0.4043	0.0165	0.0255	0.0210	0.0000	0.0000
x		84.30%	0.0170	0.7430	0.0136	0.0347	0.0481	0.0000	0.0000
%RSD		1.28	62.0160	96.7710	28.3460	129.0700	58.6500	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:15:33	0.1797	0.2876	0.3545	83.54%	0.1193	0.1125	0.1958	0.1920
2	14:16:16	0.1452	0.2149	0.3122	83.94%	0.0891	0.0956	0.1312	0.1041
3	14:16:58	0.1149	0.2589	0.2718	84.61%	0.0948	0.0830	0.1206	0.1104
4	14:17:40	0.1024	0.1906	0.2280	84.25%	0.0617	0.0494	0.0918	0.0890
5	14:18:22	0.1227	0.1667	0.2646	84.76%	0.0577	0.0344	0.0579	0.0513
x		0.1330	0.2237	0.2862	84.22%	0.0845	0.0750	0.1195	0.1093
%RSD		22.8820	22.0680	16.9480	0.59	30.0160	43.2150	42.9380	47.2020

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	14:15:33	0.1897	79.82%	-0.1385
2	14:16:16	0.1361	80.92%	-0.1385
3	14:16:58	0.1153	80.85%	-0.1385
4	14:17:40	0.0835	81.33%	-0.1385
5	14:18:22	0.0545	81.91%	-0.1385
x		0.1158	80.97%	-0.1385
%RSD		44.5940	0.95	0.0000

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Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:19:52	┬106.36%	97.7560	┬2120.9000	1294.4000	1236.9000	1221.5000	596.8200	┬2113.6000
2	14:20:34	93.30%	94.3000	┬2025.9000	1242.6000	1190.2000	1195.9000	573.3400	┬2075.4000
3	14:21:16	92.27%	95.8640	┬2031.0000	1248.5000	1206.6000	1188.8000	┬547.6200	┬2061.7000
4	14:21:57	93.62%	99.1440	┬2027.6000	1214.2000	1170.5000	1185.5000	┬537.2400	┬2016.5000
5	14:22:39	93.59%	97.9830	┬2010.1000	┬1231.8000	1180.9000	1173.1000	536.3800	┬2031.9000
x		┬95.83%	97.0090	┬2043.1000	┬1246.3000	1197.0000	1193.0000	┬558.2800	┬2059.8000
%RSD		┬6.17	1.9772	┬2.1636	┬2.3966	2.1669	1.5059	┬4.6948	┬1.8472

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:19:52	1885.6000	98.12%	-0.0052	98.9530	98.1520	1080.6000	96.7150	┬1125.4000
2	14:20:34	1842.3000	99.56%	0.0149	98.5060	97.7060	1068.2000	97.6380	┬1110.8000
3	14:21:16	1837.4000	99.16%	0.0057	97.8750	97.3900	1054.7000	96.7580	┬1079.1000
4	14:21:57	1800.3000	101.25%	0.0035	97.0140	99.2370	1033.6000	95.7240	┬1069.8000
5	14:22:39	1853.5000	101.24%	0.0016	99.2550	97.6460	1033.8000	96.9470	┬1070.2000
x		1843.8000	99.87%	0.0041	98.3200	98.0260	1054.2000	96.7560	┬1091.0000
%RSD		1.6658	1.37	178.1500	0.9113	0.7451	1.9751	0.7088	┬2.3361

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:19:52	1022.1000	101.1100	100.1800	100.7800	101.0600	211.7800	199.7800	201.5200
2	14:20:34	1044.3000	102.0500	100.6200	100.4300	100.9100	212.7200	199.8900	204.0100
3	14:21:16	996.3200	100.5800	100.8800	99.4330	99.2710	210.1700	200.6800	204.9600
4	14:21:57	986.1500	100.5400	99.6010	100.9900	100.0700	213.2500	201.0400	203.9600
5	14:22:39	973.9300	101.5900	99.3670	99.7150	100.2300	211.5400	201.0000	206.6600
x		1004.6000	101.1700	100.1300	100.2700	100.3100	211.8900	200.4800	204.2200
%RSD		2.8290	0.6432	0.6457	0.6706	0.7161	0.5592	0.3012	0.9128

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:19:52	202.1000	-0.4376	96.90%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:20:34	202.9100	0.4167	96.16%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:21:16	204.9500	-0.0497	97.37%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:21:57	201.8100	0.0842	97.77%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:22:39	201.4700	1.6925	96.89%	0.0000	0.0000	0.0000	0.0000	0.0000
x		202.6500	0.3412	97.02%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		0.6880	238.8700	0.62	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:19:52	97.30%	96.2810	1.5204	96.3890	96.7010	98.3080	0.0000	0.0000
2	14:20:34	97.13%	97.8030	2.4754	98.1560	97.4840	98.4970	0.0000	0.0000
3	14:21:16	98.30%	97.2230	-0.7859	96.9890	96.4720	96.6920	0.0000	0.0000
4	14:21:57	98.90%	97.9490	2.7477	97.6620	95.9340	97.0140	0.0000	0.0000
5	14:22:39	98.40%	97.2140	0.6863	97.9590	97.5920	98.7680	0.0000	0.0000
x		98.01%	97.2940	1.3288	97.4310	96.8360	97.8560	0.0000	0.0000
%RSD		0.78	0.6754	108.0700	0.7506	0.7220	0.9572	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:19:52	185.9700	98.3790	96.8480	95.82%	197.3100	196.7200	190.2700	199.9500
2	14:20:34	187.8100	98.8910	99.0090	95.99%	198.5900	197.7400	191.8600	198.4100
3	14:21:16	187.5200	100.4500	97.8730	95.20%	199.8000	197.9700	190.8700	199.5600
4	14:21:57	185.5700	98.4370	97.0230	96.20%	199.9600	199.5800	192.5300	198.7200
5	14:22:39	187.0700	103.5600	98.4120	95.36%	199.2100	200.0300	192.5300	200.4400
x		186.7900	99.9430	97.8330	95.72%	198.9800	198.4100	191.6100	199.4200
%RSD		0.5222	2.1907	0.9352	0.44	0.5398	0.6912	0.5285	0.4220

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	14:19:52	195.2700	95.48%	-0.1385
2	14:20:34	194.8500	95.85%	-0.1385
3	14:21:16	195.5900	95.43%	-0.1385
4	14:21:57	196.2000	95.82%	-0.1385
5	14:22:39	196.2600	95.37%	-0.1385
x		195.6400	95.59%	-0.1385
%RSD		0.3080	0.24	0.0000

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Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:24:10	96.16%	0.1473	9.7925	3.1383	3.0362	2.9274	2.7226	7.7059
2	14:24:52	r110.01%	0.1093	7.5551	1.9104	1.6292	1.7884	1.5492	5.3227
3	14:25:34	97.57%	0.0627	5.6475	1.2630	1.4107	1.2600	0.8714	4.0400
4	14:26:16	96.44%	0.0767	5.0151	0.7757	0.5918	0.5255	0.4586	3.5542
5	14:26:58	r112.38%	0.0574	4.2028	0.4991	0.5056	0.6521	0.2366	2.9560
x		r102.51%	0.0907	6.4426	1.5173	1.4347	1.4307	1.1677	4.7158
%RSD		r7.79	41.4170	34.8340	69.3880	71.2250	68.3290	85.8640	39.9700

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:24:10	3.0607	102.05%	-0.0003	0.0693	0.0702	3.8885	0.0930	6.3812
2	14:24:52	0.9070	102.58%	-0.0040	0.0778	0.0851	1.6798	0.0566	4.9755
3	14:25:34	-0.1712	103.79%	0.0029	0.0327	0.0895	1.5035	0.0274	4.4862
4	14:26:16	-1.4675	103.17%	-0.0059	0.0076	0.0249	0.8017	0.0205	4.8067
5	14:26:58	-3.1631	104.12%	-0.0007	0.0063	0.0256	-0.1095	0.0027	3.6568
x		-0.1668	103.14%	-0.0016	0.0387	0.0591	1.5528	0.0400	4.8613
%RSD		1413.5000	0.82	214.7500	86.7540	53.6340	95.5300	88.4480	20.3580

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:24:10	0.0323	0.0705	0.1089	0.3044	0.1638	0.1894	0.0755	1.0753
2	14:24:52	1.5016	0.0352	0.0486	0.2176	0.0698	0.1240	0.3158	1.3775
3	14:25:34	2.5019	0.0278	0.0408	0.1810	0.0832	0.1500	0.0929	1.1377
4	14:26:16	1.8180	0.0201	0.0020	0.1213	0.1103	0.2589	0.0549	1.4348
5	14:26:58	0.2606	0.0066	0.0374	0.1205	0.1259	0.1219	-0.0069	1.3113
x		1.2229	0.0320	0.0475	0.1890	0.1106	0.1688	0.1064	1.2673
%RSD		85.8750	74.7700	81.3840	40.5570	33.4610	33.8940	115.5100	12.2110

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:24:10	-0.1173	-0.3203	97.52%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:24:52	0.9035	-0.9197	98.15%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:25:34	0.1547	-0.0444	100.42%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:26:16	0.0399	0.0924	99.17%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:26:58	-0.2681	0.6771	100.31%	0.0000	0.0000	0.0000	0.0000	0.0000
x		0.1425	-0.1030	99.11%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		318.7700	567.1400	1.30	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:24:10	98.55%	0.0934	1.7738	0.0682	0.0366	0.0866	0.0000	0.0000
2	14:24:52	99.71%	0.0409	0.8380	0.0388	0.0323	0.0358	0.0000	0.0000
3	14:25:34	100.35%	0.0219	0.5142	0.0209	0.0402	0.0270	0.0000	0.0000
4	14:26:16	101.42%	0.0112	-0.1904	0.0032	0.0132	0.0349	0.0000	0.0000
5	14:26:58	102.45%	0.0050	-0.1680	0.0062	0.0433	0.0133	0.0000	0.0000
x		100.49%	0.0345	0.5535	0.0274	0.0331	0.0395	0.0000	0.0000
%RSD		1.50	103.3400	146.9200	97.6390	35.8440	70.4620	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:24:10	0.1952	0.0431	0.0696	95.11%	0.1190	0.1342	0.1726	0.1570
2	14:24:52	0.1101	0.0323	0.0521	96.26%	0.0835	0.0794	0.1137	0.1040
3	14:25:34	0.0844	0.0221	0.0080	96.78%	0.0523	0.0473	0.0630	0.0567
4	14:26:16	0.0658	0.0217	0.0240	97.59%	0.0296	0.0401	0.0495	0.0379
5	14:26:58	0.0491	0.0017	-0.0033	99.42%	0.0065	0.0198	0.0260	0.0257
x		0.1009	0.0242	0.0301	97.03%	0.0582	0.0642	0.0849	0.0762
%RSD		56.8360	63.4160	100.9900	1.66	76.1590	69.5710	68.9240	70.9160

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	14:24:10	0.1702	94.90%	-0.1385
2	14:24:52	0.1031	96.01%	-0.1385
3	14:25:34	0.0557	96.10%	-0.1385
4	14:26:16	0.0412	98.06%	-0.1385
5	14:26:58	0.0168	98.29%	-0.1385
x		0.0774	96.67%	-0.1385
%RSD		78.4120	1.51	0.0000

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Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:28:28	75.35%	0.2633	T 98851.0000	T 99256.0000	T 99983.0000	T 99634.0000	TM 100360.0000	TM 100490.0000
2	14:29:10	74.76%	0.2557	T 97863.0000	T 99613.0000	TM 100710.0000	TM 100730.0000	TM 100430.0000	TM 101300.0000
3	14:29:52	72.19%	0.2669	T 98127.0000	T 99677.0000	T 99188.0000	T 98995.0000	T 99141.0000	TM 101310.0000
4	14:30:34	73.25%	0.2471	T 98044.0000	T 98542.0000	TM 100750.0000	TM 100660.0000	TM 101020.0000	TM 102200.0000
5	14:31:16	72.73%	0.2754	T 99452.0000	TM 100720.0000	TM 101370.0000	TM 102020.0000	TM 103180.0000	TM 102760.0000
x		73.66%	0.2617	T 98467.0000	TM 99561.0000	TM 100400.0000	TM 100410.0000	TM 100830.0000	TM 101610.0000
%RSD		1.83	4.1295	T 0.6770	TM 0.7928	TM 0.8341	TM 1.1513	TM 1.4708	TM 0.8665

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:28:28	TM 102220.0000	85.15%	290.2200	-2.4287	19.2840	TM 101960.0000	7.3886	TM 101550.0000
2	14:29:10	TM 102090.0000	84.39%	287.3500	-1.8643	19.5190	TM 102710.0000	7.6154	TM 102270.0000
3	14:29:52	TM 103540.0000	84.71%	288.1200	-2.5993	19.0570	TM 102940.0000	7.4535	TM 102720.0000
4	14:30:34	TM 102920.0000	85.15%	284.7500	-2.1836	19.2390	TM 101970.0000	7.4472	TM 102490.0000
5	14:31:16	TM 105200.0000	84.62%	284.9500	-2.2894	19.4600	TM 104320.0000	7.6210	TM 103080.0000
x		TM 103190.0000	84.80%	287.0800	-2.2730	19.3120	TM 102780.0000	7.5051	TM 102420.0000
%RSD		TM 1.2257	0.40	0.7973	12.1680	0.9540	TM 0.9386	1.4163	TM 0.5585

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:28:28	TM 102300.0000	1.3474	6.2799	7.5247	8.3562	10.7800	0.1108	1.3564
2	14:29:10	TM 101000.0000	1.3226	5.7336	7.7109	7.9729	10.9430	-0.0551	1.7352
3	14:29:52	TM 102250.0000	1.3361	5.7628	7.4775	8.3408	10.9250	0.4940	0.8741
4	14:30:34	TM 102090.0000	1.2480	5.8855	7.3976	8.1965	10.8620	0.0805	1.0440
5	14:31:16	TM 102020.0000	1.3203	5.8971	7.6843	8.0541	11.3960	0.1682	1.9754
x		TM 101930.0000	1.3149	5.9118	7.5590	8.1841	10.9810	0.1597	1.3970
%RSD		TM 0.5234	2.9637	3.6903	1.7827	2.0791	2.1899	127.8300	32.9730

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:28:28	-0.5286	1.9532	84.08%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:29:10	-0.9072	4.1562	83.12%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:29:52	-0.0923	2.7725	83.45%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:30:34	-0.6854	3.4264	84.75%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:31:16	-0.4361	2.1348	84.30%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-0.5299	2.8886	83.94%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		57.1510	31.6950	0.78	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:28:28	83.85%	0.0124	12.3380	0.0129	0.1391	0.6480	0.0000	0.0000
2	14:29:10	83.35%	0.0054	11.6510	0.0151	0.1696	0.4671	0.0000	0.0000
3	14:29:52	83.01%	0.0068	10.3050	0.0138	0.4362	0.4448	0.0000	0.0000
4	14:30:34	84.18%	0.0123	11.7410	0.0074	0.2825	0.4271	0.0000	0.0000
5	14:31:16	83.71%	0.0013	10.9120	0.0028	0.5911	0.5191	0.0000	0.0000
x		83.62%	0.0076	11.3890	0.0104	0.3237	0.5012	0.0000	0.0000
%RSD		0.54	61.9810	6.9356	49.5310	58.5490	17.7670	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:28:28	1.0938	1.3965	1.5792	85.99%	0.2972	0.2735	4.5343	4.3326
2	14:29:10	1.1517	1.4819	1.5407	85.82%	0.2048	0.2247	4.3704	4.2431
3	14:29:52	1.1073	1.3170	1.4526	86.64%	0.1383	0.1639	4.4096	4.3694
4	14:30:34	1.1226	1.3742	1.5851	86.91%	0.1230	0.0922	4.4693	4.1492
5	14:31:16	1.1598	1.5071	1.5441	87.58%	0.0666	0.0531	4.4000	4.3143
x		1.1270	1.4153	1.5403	86.59%	0.1660	0.1615	4.4367	4.2817
%RSD		2.5072	5.5366	3.4398	0.83	53.2280	56.3210	1.4721	2.0357

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	14:28:28	4.3027	82.23%	-0.1385
2	14:29:10	4.2082	83.50%	-0.1385
3	14:29:52	4.3046	83.55%	-0.1385
4	14:30:34	4.3096	84.11%	-0.1385
5	14:31:16	4.2890	83.90%	-0.1385
x		4.2828	83.46%	-0.1385
%RSD		0.9903	0.88	0.0000

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Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:32:45	73.92%	16.9020	T 96448.0000	T 96865.0000	T 97812.0000	T 98992.0000	T 99468.0000	TM 100090.0000
2	14:33:28	75.31%	16.8510	T 99962.0000	TM 101160.0000	TM 102310.0000	TM 101340.0000	TM 101870.0000	TM 102450.0000
3	14:34:10	76.40%	17.0270	T 99909.0000	TM 102040.0000	TM 102300.0000	TM 103200.0000	TM 103230.0000	TM 104850.0000
4	14:34:52	76.14%	17.3550	T 99643.0000	TM 101170.0000	TM 101830.0000	TM 103170.0000	TM 103600.0000	TM 103580.0000
5	14:35:36	76.64%	17.5540	TM 100870.0000	TM 101240.0000	TM 102650.0000	TM 102660.0000	TM 102460.0000	TM 104070.0000
x		75.68%	17.1380	TM 99367.0000	TM 100490.0000	TM 101380.0000	TM 101870.0000	TM 102130.0000	TM 103010.0000
%RSD		1.46	1.7758	TM 1.7069	TM 2.0515	TM 1.9889	TM 1.7462	TM 1.5970	TM 1.7954

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:32:45	TM 100740.0000	86.41%	281.2400	17.1250	38.7700	TM 102560.0000	26.8130	TM 101460.0000
2	14:33:28	TM 102560.0000	86.15%	287.6500	16.7380	38.9780	TM 102080.0000	26.9630	TM 103010.0000
3	14:34:10	TM 104850.0000	85.50%	287.6100	17.3330	39.4160	TM 103240.0000	27.0580	TM 102690.0000
4	14:34:52	TM 104500.0000	86.30%	287.8300	17.5430	39.0060	TM 103640.0000	27.4570	TM 103460.0000
5	14:35:36	TM 104650.0000	86.32%	290.1500	18.1500	39.5630	TM 103970.0000	27.4260	TM 103470.0000
x		TM 103460.0000	86.13%	286.9000	17.3780	39.1470	TM 103100.0000	27.1430	TM 102820.0000
%RSD		TM 1.7171	0.43	1.1639	3.0149	0.8429	TM 0.7517	1.0539	TM 0.8021

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:32:45	TM 100740.0000	20.8070	24.3960	25.7370	26.4110	28.7920	18.8640	21.2080
2	14:33:28	TM 101400.0000	21.1680	25.2880	26.2960	27.0490	29.5550	18.6650	20.8930
3	14:34:10	TM 103290.0000	21.4730	24.9000	25.9200	27.2980	30.0470	19.4630	20.4820
4	14:34:52	TM 102380.0000	20.9630	24.2710	27.0590	26.6360	29.6390	19.0950	21.2730
5	14:35:36	TM 103400.0000	20.8950	24.6880	26.2070	27.1730	29.0430	19.0520	20.8530
x		TM 102240.0000	21.0610	24.7080	26.2440	26.9130	29.4150	19.0280	20.9420
%RSD		TM 1.1405	1.2621	1.6466	1.9337	1.3941	1.6971	1.5598	1.5136

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:32:45	18.7350	1.9413	84.06%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:33:28	18.0830	1.3409	84.54%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:34:10	17.3710	3.5067	83.75%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:34:52	18.0880	2.5208	85.25%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:35:36	18.4460	1.6622	85.40%	0.0000	0.0000	0.0000	0.0000	0.0000
x		18.1450	2.1944	84.60%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		2.8165	38.8320	0.85	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:32:45	83.97%	18.2840	11.2060	17.9140	19.0990	19.2890	0.0000	0.0000
2	14:33:28	83.98%	18.3110	12.4110	18.3890	18.8530	19.6320	0.0000	0.0000
3	14:34:10	84.46%	18.2210	10.7630	18.4510	19.3240	19.5980	0.0000	0.0000
4	14:34:52	84.30%	18.6230	12.1150	18.4920	19.8240	19.5210	0.0000	0.0000
5	14:35:36	85.11%	18.2820	11.0030	18.3470	19.0630	20.0170	0.0000	0.0000
x		84.37%	18.3440	11.4990	18.3190	19.2330	19.6110	0.0000	0.0000
%RSD		0.56	0.8680	6.2776	1.2709	1.9252	1.3427	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:32:45	20.3260	21.5510	21.8220	86.53%	20.4690	20.0220	23.9660	24.0030
2	14:33:28	20.8300	21.4800	21.7110	86.39%	20.3700	20.2230	24.4290	24.7640
3	14:34:10	20.7680	22.0760	21.5250	86.12%	20.6350	20.3760	25.2050	24.5270
4	14:34:52	20.3340	22.0560	21.9250	86.00%	20.6840	20.4540	24.6260	24.5510
5	14:35:36	20.8270	22.7350	22.1780	86.29%	20.5750	20.5950	24.9350	25.0710
x		20.6170	21.9800	21.8320	86.27%	20.5470	20.3340	24.6320	24.5830
%RSD		1.2772	2.2968	1.1155	0.24	0.6191	1.0834	1.9308	1.5905

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	14:32:45	23.7960	82.45%	0.6944
2	14:33:28	24.3910	82.57%	-0.1385
3	14:34:10	24.6180	82.53%	-0.1385
4	14:34:52	24.4090	81.91%	-0.1385
5	14:35:36	24.6400	81.63%	-0.1385
x		24.3710	82.22%	0.0281
%RSD		1.4016	0.51	1326.8000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:37:07	80.83%	0.1720	T49454.0000	T49470.0000	T48819.0000	T49900.0000	T50138.0000	T50612.0000
2	14:37:49	81.03%	0.1289	T49118.0000	T49363.0000	T50047.0000	T49812.0000	T49106.0000	T49304.0000
3	14:38:31	79.29%	0.1254	T49144.0000	T49363.0000	T49599.0000	T49615.0000	T50007.0000	T49790.0000
4	14:39:13	79.87%	0.1517	T49613.0000	T50467.0000	T50470.0000	T50521.0000	T51014.0000	T49915.0000
5	14:39:55	80.64%	0.1299	T49306.0000	T50085.0000	T50193.0000	T49873.0000	T50743.0000	T50335.0000
x		80.33%	0.1416	T49327.0000	T49750.0000	T49826.0000	T49944.0000	T50202.0000	T49991.0000
%RSD		0.91	14.0610	T0.4246	T1.0065	T1.2945	T0.6829	T1.4755	T1.0112
Run	**Time**	**44Ca**	**45Sc**	**47Ti**	**51V**	**52Cr**	**54Fe**	**55Mn**	**56Fe**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:37:07	46953.0000	90.32%	140.3200	-1.0276	9.6474	T49996.0000	3.6603	T50342.0000
2	14:37:49	T50629.0000	91.92%	140.7500	-1.2864	9.3556	T49649.0000	3.6453	T50473.0000
3	14:38:31	T50796.0000	91.81%	141.6700	-1.3652	9.4941	T50610.0000	3.7299	T51010.0000
4	14:39:13	T51139.0000	90.89%	141.6700	-1.4428	10.0230	T51678.0000	3.8399	T50659.0000
5	14:39:55	47529.0000	91.38%	138.8600	-1.1546	9.5021	T50595.0000	3.7591	T50676.0000
x		T49409.0000	91.26%	140.6500	-1.2553	9.6045	T50506.0000	3.7269	T50632.0000
%RSD		T4.0440	0.73	0.8261	13.2220	2.6640	T1.5291	2.1170	T0.4981
Run	**Time**	**57Fe**	**59Co**	**60Ni**	**63Cu**	**65Cu**	**66Zn**	**75As**	**78Se**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:37:07	T50104.0000	0.6358	3.0575	4.3366	4.1912	5.9974	0.0897	1.8580
2	14:37:49	T50900.0000	0.6934	2.9545	4.4945	4.4775	5.9275	0.0949	2.0980
3	14:38:31	50115.0000	0.6399	3.0349	4.2083	4.3655	6.1540	0.1799	2.2479
4	14:39:13	T50675.0000	0.6996	3.1093	4.3656	4.7121	6.1756	0.2303	2.5803
5	14:39:55	50579.0000	0.6345	2.9733	4.2039	4.3208	5.6084	0.1556	2.1658
x		T50475.0000	0.6606	3.0259	4.3218	4.4134	5.9726	0.1501	2.1900
%RSD		T0.6994	4.9747	2.0834	2.8037	4.4396	3.8313	39.4890	11.9720
Run	**Time**	**82Se**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:37:07	-0.4737	1.1695	89.79%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:37:49	-0.3226	1.7932	89.60%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:38:31	-0.3229	1.9784	89.52%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:39:13	0.1737	0.0074	89.64%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:39:55	-0.2991	0.5094	90.26%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-0.2489	1.0916	89.76%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		98.9180	76.6360	0.33	0.0000	0.0000	0.0000	0.0000	0.0000
Run	**Time**	**103Rh**	**107Ag**	**108Mo O**	**109Ag**	**111Cd**	**114Cd**	**115In**	**118Sn**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:37:07	88.33%	0.0108	6.0096	0.0043	0.3107	0.3450	0.0000	0.0000
2	14:37:49	89.51%	0.0049	6.7228	0.0103	0.4268	0.2747	0.0000	0.0000
3	14:38:31	89.96%	0.0005	5.7547	0.0039	0.1980	0.3452	0.0000	0.0000
4	14:39:13	89.99%	-0.0056	7.0708	0.0014	0.1039	0.3289	0.0000	0.0000
5	14:39:55	88.50%	0.0033	5.9733	-0.0059	0.3306	0.3379	0.0000	0.0000
x		89.26%	0.0028	6.3062	0.0028	0.2740	0.3263	0.0000	0.0000
%RSD		0.89	215.9000	8.9040	209.2600	45.6650	9.0817	0.0000	0.0000
Run	**Time**	**121Sb**	**135Ba**	**137Ba**	**159Tb**	**203Tl**	**205Tl**	**206Pb**	**207Pb**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:37:07	0.5342	0.7446	0.7077	89.72%	-0.0181	-0.0266	2.2543	2.0772
2	14:37:49	0.4631	0.5650	0.7307	90.33%	-0.0408	-0.0473	2.1925	2.0361
3	14:38:31	0.4449	0.7867	0.7858	90.85%	-0.0495	-0.0507	2.1699	2.0817
4	14:39:13	0.4951	0.8117	0.8073	90.15%	-0.0481	-0.0614	2.4009	2.1436
5	14:39:55	0.5587	0.8235	0.8790	91.10%	-0.0522	-0.0604	2.2779	2.0197
x		0.4992	0.7463	0.7821	90.43%	-0.0417	-0.0493	2.2591	2.0716
%RSD		9.5203	14.1700	8.6285	0.61	33.3080	28.5610	4.0133	2.3240
Run	**Time**	**208Pb**	**209Bi**	**220Bkg**					
		ug/L	ug/L	ug/L					
1	14:37:07	2.0711	87.43%	-0.1385					
2	14:37:49	2.0885	87.52%	-0.1385					
3	14:38:31	2.1200	87.69%	-0.1385					
4	14:39:13	2.1753	87.61%	-0.1385					
5	14:39:55	2.1390	87.71%	-0.1385					
x		2.1188	87.59%	-0.1385					
%RSD		1.9447	0.13	0.0000					

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:41:24	80.61%	8.6655	↓48061.0000	↓48909.0000	↓50010.0000	↓49589.0000	↓50130.0000	↓49928.0000
2	14:42:06	↓93.83%	8.8665	↓48871.0000	↓50230.0000	↓50402.0000	↓49867.0000	↓50053.0000	↓50381.0000
3	14:42:49	79.51%	8.5910	↓47554.0000	↓49045.0000	↓49263.0000	↓49716.0000	↓50629.0000	↓50340.0000
4	14:43:31	77.61%	8.7326	↓49249.0000	↓50094.0000	↓50517.0000	↓50017.0000	↓50352.0000	↓50990.0000
5	14:44:13	77.32%	8.1103	↓48650.0000	↓49803.0000	↓49692.0000	↓50169.0000	↓49830.0000	↓50021.0000
x		↓81.77%	8.5932	↓48477.0000	↓49616.0000	↓49977.0000	↓49871.0000	↓50199.0000	↓50332.0000
%RSD		↓8.41	3.3553	↓1.3862	↓1.2201	↓1.0321	↓0.4631	↓0.6063	↓0.8283

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:41:24	↓51379.0000	92.15%	137.7400	8.2804	19.0440	↓50539.0000	13.1370	↓50135.0000
2	14:42:06	↓51036.0000	91.23%	138.5900	8.5802	19.1950	↓50106.0000	13.3140	↓50178.0000
3	14:42:49	47625.0000	90.75%	138.9700	8.5138	18.9910	↓50706.0000	13.1080	↓50433.0000
4	14:43:31	↓51860.0000	89.62%	139.6300	8.3715	18.9630	↓50885.0000	13.5600	↓51410.0000
5	14:44:13	↓51776.0000	90.16%	138.3800	8.6593	19.0690	↓49994.0000	13.1240	↓49048.0000
x		↓50735.0000	90.78%	138.6600	8.4810	19.0520	↓50446.0000	13.2480	↓50241.0000
%RSD		↓3.4882	1.07	0.5065	1.8165	0.4746	↓0.7606	1.4567	↓1.6774

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:41:24	↓50626.0000	10.3550	12.1030	13.7640	13.6620	15.5680	9.8729	10.7320
2	14:42:06	↓50466.0000	10.2240	12.4660	13.5150	13.2240	15.8110	9.2872	11.9440
3	14:42:49	↓51338.0000	10.2830	12.7280	13.4690	13.0780	15.3940	9.5207	11.1340
4	14:43:31	49988.0000	10.5160	12.9590	13.2400	12.9460	15.8410	9.4047	12.2670
5	14:44:13	49319.0000	10.2320	12.2880	13.4980	12.9580	14.9640	9.3713	10.7910
x		↓50347.0000	10.3220	12.5090	13.4970	13.1730	15.5160	9.4914	11.3740
%RSD		↓1.4932	1.1672	2.7282	1.3770	2.2401	2.3126	2.4143	6.1125

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:41:24	9.5636	1.8493	90.08%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:42:06	8.2548	1.3848	90.54%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:42:49	9.1337	0.8936	89.85%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:43:31	9.5588	1.3673	91.09%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:44:13	8.9825	1.6340	90.99%	0.0000	0.0000	0.0000	0.0000	0.0000
x		9.0987	1.4258	90.51%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		5.9052	25.0700	0.60	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:41:24	89.51%	9.1528	7.4034	9.0429	9.8127	9.6704	0.0000	0.0000
2	14:42:06	89.57%	9.0087	7.6867	9.0536	9.5512	9.9829	0.0000	0.0000
3	14:42:49	89.71%	9.1071	8.7951	9.0366	9.1886	9.9512	0.0000	0.0000
4	14:43:31	90.56%	9.1443	6.4705	9.0730	9.9142	9.8303	0.0000	0.0000
5	14:44:13	90.08%	9.2903	4.8868	9.0671	10.0640	10.2600	0.0000	0.0000
x		89.88%	9.1407	7.0485	9.0546	9.7061	9.9389	0.0000	0.0000
%RSD		0.49	1.1088	20.7920	0.1705	3.5479	2.1862	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:41:24	9.9828	10.6130	10.2090	91.12%	9.8081	9.7051	12.1940	11.9470
2	14:42:06	9.8935	11.0660	10.6460	92.29%	9.8489	9.8192	12.3860	11.5760
3	14:42:49	10.0820	10.2140	10.6930	92.03%	9.9613	9.6949	12.0670	11.8710
4	14:43:31	9.8270	10.9720	11.1230	93.21%	9.7243	9.6812	11.8060	11.7900
5	14:44:13	10.3140	11.0770	10.3320	93.27%	9.9719	9.6983	11.9190	12.1000
x		10.0200	10.7880	10.6010	92.39%	9.8629	9.7197	12.0740	11.8570
%RSD		1.9010	3.4540	3.3648	0.97	1.0629	0.5792	1.8848	1.6349

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	14:41:24	11.7580	88.68%	-0.1385
2	14:42:06	11.7140	88.93%	-0.1385
3	14:42:49	11.7660	89.43%	-0.1385
4	14:43:31	11.7390	90.56%	-0.1385
5	14:44:13	11.9230	90.43%	-0.1385
x		11.7800	89.61%	-0.1385
%RSD		0.6981	0.96	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:45:42	81.97%	┬2184.7000	┬47333.0000	┬48426.0000	┬48340.0000	┬48993.0000	┬49691.0000	┬47952.0000
2	14:46:24	81.76%	2156.5000	┬47367.0000	┬47854.0000	┬48206.0000	┬48507.0000	┬48960.0000	┬47945.0000
3	14:47:06	83.07%	┬2256.4000	┬47755.0000	┬48293.0000	┬48201.0000	┬48972.0000	┬49486.0000	┬48535.0000
4	14:47:48	83.89%	┬2212.8000	┬48498.0000	┬49095.0000	┬48810.0000	┬49049.0000	┬50055.0000	┬47751.0000
5	14:48:30	84.11%	┬2294.1000	┬48396.0000	┬48523.0000	┬48300.0000	┬49172.0000	┬50291.0000	┬48553.0000
X		82.96%	┬2220.9000	┬47870.0000	┬48438.0000	┬48371.0000	┬48939.0000	┬49697.0000	┬48147.0000
%RSD		1.29	┬2.4803	┬1.1560	┬0.9241	┬0.5216	┬0.5179	┬1.0400	┬0.7707

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:45:42	44473.0000	92.03%	0.1015	┬2456.6000	┬2427.7000	┬50600.0000	┬2447.3000	┬48852.0000
2	14:46:24	┬48689.0000	92.97%	0.0667	┬2551.6000	┬2490.7000	┬50567.0000	┬2426.0000	┬48894.0000
3	14:47:06	44091.0000	92.76%	0.0431	┬2536.1000	┬2491.1000	┬50637.0000	┬2456.8000	┬49637.0000
4	14:47:48	┬48494.0000	94.07%	0.0462	┬2523.9000	┬2430.5000	┬50374.0000	┬2473.3000	┬48916.0000
5	14:48:30	44833.0000	94.22%	0.0539	┬2558.8000	┬2474.2000	┬50354.0000	┬2451.7000	┬49520.0000
X		┬46116.0000	93.21%	0.0623	┬2525.4000	┬2462.8000	┬50506.0000	┬2451.0000	┬49164.0000
%RSD		┬4.9356	0.99	38.1450	┬1.6152	┬1.2820	┬0.2627	┬0.6980	┬0.7760

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:45:42	48215.0000	┬2453.2000	2375.1000	┬2381.4000	2352.0000	2365.2000	2388.6000	239.6600
2	14:46:24	┬48790.0000	┬2402.4000	2334.2000	┬2318.5000	2340.8000	2383.3000	2381.2000	240.1200
3	14:47:06	48215.0000	┬2415.3000	2326.8000	┬2368.9000	2397.7000	2386.7000	2394.5000	237.2100
4	14:47:48	48443.0000	┬2417.8000	2364.1000	┬2336.1000	2410.1000	2420.7000	2424.0000	239.3900
5	14:48:30	┬49767.0000	┬2475.1000	2361.2000	┬2353.8000	2357.1000	2375.2000	2392.9000	241.0700
X		┬48686.0000	┬2432.8000	2352.3000	┬2351.7000	2371.5000	2386.2000	2396.2000	239.4900
%RSD		┬1.3321	┬1.2440	0.8801	┬1.0685	1.2833	0.8805	0.6832	0.5963

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:45:42	241.4200	2.1592	90.79%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:46:24	235.8200	1.8277	91.69%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:47:06	235.3000	1.1355	91.56%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:47:48	235.9100	1.1377	91.32%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:48:30	240.5200	0.4051	91.90%	0.0000	0.0000	0.0000	0.0000	0.0000
X		237.8000	1.3330	91.45%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		1.2309	51.2310	0.47	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:45:42	90.74%	234.5800	-8.5062	232.4400	2376.7000	2474.8000	0.0000	0.0000
2	14:46:24	91.75%	235.7900	-14.1240	234.6900	2366.0000	2471.8000	0.0000	0.0000
3	14:47:06	91.36%	239.5100	-6.4205	236.3200	2360.6000	2483.2000	0.0000	0.0000
4	14:47:48	90.79%	240.2500	-7.1548	239.5500	2397.7000	2501.8000	0.0000	0.0000
5	14:48:30	91.63%	240.3900	10.2220	238.6300	2388.7000	┬2470.2000	0.0000	0.0000
X		91.25%	238.1000	-5.1968	236.3200	2377.9000	┬2480.4000	0.0000	0.0000
%RSD		0.51	1.1410	175.7600	1.2235	0.6475	┬0.5232	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:45:42	┬2542.6000	2445.1000	2423.3000	92.67%	┬2492.1000	┬2506.0000	┬2515.5000	┬2526.6000
2	14:46:24	┬2530.8000	2452.8000	2412.9000	92.98%	┬2518.4000	┬2522.6000	┬2509.6000	┬2524.9000
3	14:47:06	┬2536.0000	2479.3000	2447.9000	92.18%	┬2535.5000	┬2528.7000	┬2503.8000	┬2515.2000
4	14:47:48	┬2546.1000	2481.9000	2451.2000	92.10%	┬2538.1000	┬2553.8000	┬2542.9000	┬2532.4000
5	14:48:30	┬2551.3000	2488.5000	2451.9000	91.64%	┬2532.6000	┬2545.5000	┬2546.0000	┬2556.2000
X		┬2541.4000	2469.5000	2437.4000	92.31%	┬2523.3000	┬2531.3000	┬2523.6000	┬2531.1000
%RSD		┬0.3190	0.7800	0.7425	0.57	┬0.7546	┬0.7472	┬0.7752	┬0.6059

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	14:45:42	┬2517.5000	89.49%	-0.1385
2	14:46:24	┬2520.0000	89.05%	-0.1385
3	14:47:06	┬2509.2000	89.16%	-0.1385
4	14:47:48	┬2532.0000	88.70%	-0.1385
5	14:48:30	┬2547.5000	88.22%	0.6400
X		┬2525.2000	88.92%	0.0172
%RSD		┬0.5897	0.54	2025.2000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:50:12	94.09%	1.3227	46.7250	27.1190	27.7300	28.0310	28.0280	52.8160
2	14:50:55	┌112.52%	1.0280	35.2010	19.2680	20.5960	17.8960	19.0050	41.4970
3	14:51:37	97.60%	0.5377	25.4540	9.2291	10.1870	9.9069	9.2116	32.7830
4	14:52:19	99.39%	0.2434	17.8060	4.3655	3.9971	3.9732	3.5850	23.6170
5	14:53:01	┌113.53%	0.1613	14.6720	2.0762	1.9428	2.0484	1.6889	19.8590
X		┌103.43%	0.6586	27.9710	12.4110	12.8910	12.3710	12.3040	34.1140
%RSD		┌8.68	76.3650	46.9720	84.9820	85.4960	86.5810	89.9940	39.3130

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:50:12	22.1050	101.54%	0.0143	1.2533	1.3747	26.2710	1.2753	29.8080
2	14:50:55	13.6530	102.66%	-0.0022	0.8600	0.9920	18.8200	0.9006	23.6420
3	14:51:37	3.6134	102.00%	0.0033	0.4473	0.5463	10.9490	0.4519	13.3700
4	14:52:19	0.6104	104.84%	-0.0026	0.1981	0.2132	5.3521	0.1773	8.1677
5	14:53:01	-2.0012	104.61%	0.0010	0.0899	0.1395	3.1461	0.0829	7.3591
X		7.5961	103.13%	0.0027	0.5697	0.6531	12.9080	0.5776	16.4690
%RSD		132.3000	1.47	250.4600	84.8580	80.4520	74.4870	87.0750	60.0230

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:50:12	28.1690	1.3249	1.4004	2.0758	1.5214	1.3908	1.2546	2.6061
2	14:50:55	18.7420	0.9202	0.8922	1.4968	1.0910	1.0024	0.9692	1.6735
3	14:51:37	9.5621	0.4578	0.4235	1.0613	0.5503	0.5555	0.5100	1.9418
4	14:52:19	5.2911	0.1991	0.1988	0.6873	0.3134	0.1949	0.2279	2.2210
5	14:53:01	3.2758	0.0802	0.1111	0.4657	0.2366	0.0833	0.1195	1.8166
X		13.0080	0.5964	0.6052	1.1574	0.7425	0.6454	0.6162	2.0518
%RSD		79.6020	87.0830	88.8670	55.7830	73.9200	85.2210	78.7070	18.0120

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:50:12	-0.0770	-0.0469	98.88%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:50:55	0.0012	-0.5786	99.92%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:51:37	0.0395	0.2838	100.49%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:52:19	0.0779	-0.5300	100.44%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:53:01	0.0962	-0.3314	101.52%	0.0000	0.0000	0.0000	0.0000	0.0000
X		0.0275	-0.2406	100.25%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		250.3400	149.6600	0.96	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:50:12	98.83%	0.1637	0.5088	0.1654	1.2689	1.2913	0.0000	0.0000
2	14:50:55	100.51%	0.1150	0.5247	0.1125	0.9943	0.8782	0.0000	0.0000
3	14:51:37	101.75%	0.0628	0.9444	0.0586	0.4943	0.4628	0.0000	0.0000
4	14:52:19	101.43%	0.0441	0.0184	0.0210	0.1949	0.1718	0.0000	0.0000
5	14:53:01	101.64%	0.0219	0.5409	0.0164	0.0919	0.0777	0.0000	0.0000
X		100.83%	0.0815	0.5074	0.0748	0.6089	0.5764	0.0000	0.0000
%RSD		1.21	70.4530	64.7290	85.1140	83.5850	87.9300	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:50:12	1.2629	1.4185	1.3733	98.27%	1.2557	1.2961	1.3136	1.3604
2	14:50:55	0.9150	0.9075	0.8697	98.75%	0.8813	0.8949	0.9998	0.9224
3	14:51:37	0.5081	0.5116	0.4492	99.92%	0.4817	0.4589	0.4937	0.4892
4	14:52:19	0.1830	0.2238	0.1730	99.61%	0.2187	0.2102	0.2018	0.1970
5	14:53:01	0.1265	0.0017	0.0340	99.89%	0.1152	0.1030	0.0742	0.1246
X		0.5991	0.6126	0.5798	99.29%	0.5905	0.5926	0.6166	0.6187
%RSD		81.1450	92.0170	94.2340	0.74	80.4590	83.9570	85.5850	84.0200

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	14:50:12	1.3527	97.56%	-0.1385
2	14:50:55	0.9473	98.89%	-0.1385
3	14:51:37	0.4925	99.17%	-0.1385
4	14:52:19	0.2023	99.60%	-0.1385
5	14:53:01	0.1009	99.51%	-0.1385
X		0.6191	98.94%	-0.1385
%RSD		84.8640	0.83	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:54:31	95.67%	0.0784	11.3960	0.8104	0.4987	0.7627	0.4673	17.6220
2	14:55:13	T111.07%	0.0367	9.9151	0.7533	0.3347	0.5868	0.2775	17.1200
3	14:55:56	93.98%	0.0390	8.5901	0.5705	0.5862	0.7346	-0.0201	15.6420
4	14:56:38	T112.62%	0.0406	7.8845	0.5123	1.1167	0.0299	-0.1373	13.7420
5	14:57:20	T108.55%	0.0444	7.0074	0.4825	0.2176	0.3844	-0.0948	13.9230
x		T104.38%	0.0478	8.9586	0.6258	0.5508	0.4997	0.0985	15.6100
%RSD		T8.49	36.2490	19.2950	23.5420	63.0240	60.5340	266.1800	11.3980

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:54:31	0.4988	99.79%	0.0056	-0.6977	0.3923	4.3598	0.0328	4.0564
2	14:55:13	4.4292	99.92%	0.0037	-0.4188	0.4024	4.4617	0.0232	3.9142
3	14:55:56	1.5452	99.12%	0.0020	-0.5572	0.3827	3.1094	0.0000	2.9736
4	14:56:38	1.9053	99.38%	-0.0073	-0.2596	0.3427	1.7154	0.0019	2.3739
5	14:57:20	1.3429	98.87%	0.0002	-0.0247	0.3759	2.4632	0.0036	3.2843
x		1.9443	99.42%	0.0009	-0.3916	0.3792	3.2219	0.0123	3.3205
%RSD		76.2290	0.45	579.6400	66.8190	5.9930	37.0170	120.0800	20.8210

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:54:31	-0.0159	0.0142	0.0296	0.4997	0.2250	-0.1427	-0.0143	0.8172
2	14:55:13	-1.6881	0.0022	0.0533	0.4265	0.2298	-0.2153	-0.0777	-0.0274
3	14:55:56	-0.3690	0.0038	0.0098	0.3785	0.2195	-0.2186	0.0563	-0.5215
4	14:56:38	-0.6502	0.0014	0.0095	0.2966	0.2006	-0.2086	0.2092	-1.0193
5	14:57:20	-2.1055	-0.0083	0.0065	0.3165	0.2235	-0.2270	0.0425	-0.8192
x		-0.9658	0.0027	0.0217	0.3836	0.2197	-0.2025	0.0432	-0.3140
%RSD		92.3080	297.2500	91.5100	21.5890	5.1291	16.8100	247.2800	233.8700

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:54:31	-0.4283	0.6766	99.29%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:55:13	-0.1758	0.3088	98.43%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:55:56	0.0992	-0.4335	98.76%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:56:38	0.4279	-0.5644	100.04%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:57:20	0.1191	-0.9181	98.67%	0.0000	0.0000	0.0000	0.0000	0.0000
x		0.0084	-0.1861	99.04%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		3844.3000	353.2800	0.65	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:54:31	99.34%	0.0030	0.7202	0.0058	0.0273	0.0619	0.0000	0.0000
2	14:55:13	98.49%	0.0071	1.1212	0.0083	0.0173	0.0446	0.0000	0.0000
3	14:55:56	99.06%	0.0030	1.4956	0.0007	-0.0014	0.0576	0.0000	0.0000
4	14:56:38	99.98%	0.0017	1.4894	-0.0011	0.0092	0.0502	0.0000	0.0000
5	14:57:20	99.80%	0.0012	1.2577	-0.0017	0.0251	0.0482	0.0000	0.0000
x		99.33%	0.0032	1.2168	0.0024	0.0155	0.0525	0.0000	0.0000
%RSD		0.60	71.6080	26.2950	184.0800	76.4260	13.4650	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:54:31	0.0452	0.0415	0.0079	98.19%	0.6143	0.6306	0.0444	0.0698
2	14:55:13	0.0312	0.0123	0.0135	97.86%	0.2543	0.2647	0.0326	0.0246
3	14:55:56	0.0542	-0.0076	0.0187	98.58%	0.1525	0.1576	0.0333	0.0189
4	14:56:38	0.0253	0.0119	-0.0085	98.64%	0.0970	0.1085	0.0012	0.0322
5	14:57:20	0.0286	-0.0175	-0.0086	100.96%	0.0705	0.0677	0.0052	0.0031
x		0.0369	0.0081	0.0046	98.85%	0.2377	0.2458	0.0233	0.0297
%RSD		33.2830	278.7400	275.5400	1.24	93.3950	92.4860	81.4780	83.5000

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	14:54:31	0.0494	96.96%	-0.1385
2	14:55:13	0.0300	97.16%	0.5683
3	14:55:56	0.0282	98.28%	-0.1385
4	14:56:38	0.0188	98.79%	-0.1385
5	14:57:20	0.0025	99.52%	-0.1385
x		0.0257	98.14%	0.0029
%RSD		66.5070	1.10	11067.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:58:50	T106.77%	1.7375	T973.2300	959.8200	946.7700	952.1700	38.5850	971.4800
2	14:59:33	92.60%	1.7995	T963.1000	969.5500	954.1500	954.8500	38.0320	972.5600
3	15:00:17	T107.17%	1.9034	T975.4500	966.0900	932.8100	936.2900	38.0720	970.6100
4	15:00:59	92.22%	1.7418	T994.2600	974.8200	932.2400	944.2500	39.8050	985.7200
5	15:01:41	91.66%	1.7420	T971.5400	968.8100	929.9100	937.6400	39.0400	991.8600
x		T98.09%	1.7848	T975.5200	967.8200	939.1800	945.0400	38.7070	978.4500
%RSD		T8.28	3.9808	T1.1761	0.5659	1.1371	0.8835	1.9113	0.9926
Run	**Time**	**44Ca**	**45Sc**	**47Ti**	**51V**	**52Cr**	**54Fe**	**55Mn**	**56Fe**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:58:50	846.3400	97.68%	0.0061	9.2678	3.9082	374.4900	1.8051	378.7800
2	14:59:33	871.9100	98.54%	-0.0016	9.0991	3.8310	366.6900	1.8823	373.8400
3	15:00:17	877.1600	98.53%	0.0059	9.1318	3.9436	375.2900	1.8648	381.2600
4	15:00:59	890.2500	96.96%	0.0101	9.5078	4.0185	362.5200	1.8599	377.4400
5	15:01:41	867.3400	97.73%	0.0174	9.5458	3.8449	369.2200	1.7948	376.6600
x		870.6000	97.89%	0.0076	9.3105	3.9093	369.6400	1.8414	377.6000
%RSD		1.8433	0.68	91.2340	2.2318	1.9549	1.4503	2.1130	0.7227
Run	**Time**	**57Fe**	**59Co**	**60Ni**	**63Cu**	**65Cu**	**66Zn**	**75As**	**78Se**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:58:50	364.4100	1.8272	1.8154	3.9823	3.9592	3.8467	1.6491	9.1743
2	14:59:33	366.6500	1.8583	1.9624	3.9919	3.6234	3.5976	1.9266	7.9081
3	15:00:17	370.4500	1.8400	1.6782	3.8448	3.8358	3.4337	1.8763	8.3823
4	15:00:59	380.2600	1.9013	1.7150	3.8803	3.7983	3.4298	1.9085	8.7066
5	15:01:41	377.7000	1.9231	1.9500	3.9539	3.9968	3.5150	1.9425	8.4464
x		371.8900	1.8700	1.8242	3.9306	3.8427	3.5646	1.8606	8.5235
%RSD		1.8499	2.1846	7.1603	1.6519	3.8469	4.8284	6.4910	5.4453
Run	**Time**	**82Se**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:58:50	8.7404	1.3148	96.78%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:59:33	9.5935	0.0857	98.14%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:00:17	9.1165	1.6848	97.43%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:00:59	10.0330	-1.0677	96.08%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:01:41	9.8926	-0.5436	97.56%	0.0000	0.0000	0.0000	0.0000	0.0000
x		9.4753	0.2948	97.20%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		5.7040	400.4900	0.81	0.0000	0.0000	0.0000	0.0000	0.0000
Run	**Time**	**103Rh**	**107Ag**	**108Mo O**	**109Ag**	**111Cd**	**114Cd**	**115In**	**118Sn**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:58:50	97.79%	1.8563	0.8423	1.7699	1.8021	1.8169	0.0000	0.0000
2	14:59:33	97.51%	1.8362	0.8900	1.8066	1.9125	2.0284	0.0000	0.0000
3	15:00:17	97.56%	1.8481	1.1272	1.8518	2.1095	1.9551	0.0000	0.0000
4	15:00:59	97.31%	1.8982	2.4573	1.8655	1.7550	2.0187	0.0000	0.0000
5	15:01:41	98.35%	1.7927	1.3573	1.7935	1.9434	2.0716	0.0000	0.0000
x		97.70%	1.8463	1.3348	1.8175	1.9045	1.9781	0.0000	0.0000
%RSD		0.41	2.0587	49.4690	2.2075	7.2583	5.0182	0.0000	0.0000
Run	**Time**	**121Sb**	**135Ba**	**137Ba**	**159Tb**	**203Tl**	**205Tl**	**206Pb**	**207Pb**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:58:50	3.5177	18.1030	18.1530	99.33%	1.8892	1.8066	1.8363	1.8220
2	14:59:33	3.6096	17.6550	17.4150	T107.60%	1.8434	1.8090	1.7955	1.9976
3	15:00:17	3.7281	18.3630	18.6820	99.28%	1.7969	1.8250	1.8668	1.8309
4	15:00:59	3.4780	18.8670	18.5070	99.27%	1.8249	1.7947	1.8035	1.7889
5	15:01:41	3.6220	18.2830	18.0710	98.78%	1.7873	1.8105	1.8331	1.8177
x		3.5911	18.2540	18.1660	T100.85%	1.8283	1.8092	1.8270	1.8514
%RSD		2.7230	2.4037	2.6896	T3.75	2.2231	0.5994	1.5610	4.4957
Run	**Time**	**208Pb**	**209Bi**	**220Bkg**					
		ug/L	ug/L	ug/L					
1	14:58:50	1.8541	98.64%	-0.1385					
2	14:59:33	1.8568	99.00%	-0.1385					
3	15:00:17	1.8230	99.28%	-0.1385					
4	15:00:59	1.8161	99.36%	-0.1385					
5	15:01:41	1.8188	99.18%	-0.1385					
x		1.8337	99.09%	-0.1385					
%RSD		1.0896	0.29	0.0000					

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:03:12	77.89%	0.0301	TM 257270.0000	T 57796.0000	T 57811.0000	T 57726.0000	2.7757	T 9579.2000
2	15:03:54	77.16%	0.0465	TM 254570.0000	T 57029.0000	T 57789.0000	T 57783.0000	2.8479	T 9549.1000
3	15:04:38	76.84%	0.0302	TM 260020.0000	T 57929.0000	T 59065.0000	T 58566.0000	2.9929	T 9568.7000
4	15:05:20	77.31%	0.0321	TM 263240.0000	T 58793.0000	T 58420.0000	T 57858.0000	2.8396	T 9624.2000
5	15:06:02	80.46%	0.0449	TM 257000.0000	T 57886.0000	T 57464.0000	T 57766.0000	2.6792	T 9274.3000
x		77.93%	0.0367	TM 258420.0000	T 57887.0000	T 58110.0000	T 57940.0000	2.8271	T 9519.1000
%RSD		1.88	22.3600	TM 1.2815	T 1.0808	T 1.0948	T 0.6097	4.0564	T 1.4666

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:03:12	TM 203850.0000	87.35%	0.4136	42.1750	4.0054	7.6215	0.1426	3.2810
2	15:03:54	TM 206760.0000	86.75%	0.4146	41.5700	3.8177	6.3935	0.1680	1.6095
3	15:04:38	TM 206530.0000	84.24%	0.4160	41.7980	3.9216	5.9690	0.1751	0.0065
4	15:05:20	TM 206270.0000	84.45%	0.3781	42.2370	4.0438	9.8706	0.1766	1.5231
5	15:06:02	TM 203490.0000	86.23%	0.4043	40.8260	3.8825	7.0628	0.1753	0.2324
x		TM 205380.0000	85.80%	0.4053	41.7210	3.9342	7.3835	0.1675	1.3305
%RSD		TM 0.7680	1.62	3.9240	1.3677	2.3260	20.6800	8.5491	98.5590

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:03:12	1740.8000	0.6968	3.6244	21.3910	21.1860	23.5290	7.2790	8.7452
2	15:03:54	1539.8000	0.6668	3.7604	21.1110	21.8650	24.3700	7.5843	7.8962
3	15:04:38	1510.3000	0.6434	3.9394	21.3520	21.5840	24.6070	7.9496	8.0599
4	15:05:20	1581.1000	0.6447	3.6876	21.4700	21.8460	23.7780	8.0012	8.0437
5	15:06:02	1597.1000	0.7000	3.7073	21.2090	21.3000	23.8670	7.9034	8.9617
x		1593.8000	0.6703	3.7438	21.3070	21.5560	24.0300	7.7435	8.3413
%RSD		5.5829	4.0696	3.1965	0.6797	1.4340	1.8481	3.9571	5.7306

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:03:12	13.2780	0.3634	84.88%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:03:54	12.6680	0.8151	83.69%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:04:38	13.9470	0.2672	83.56%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:05:20	13.5340	-0.6719	82.99%	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*
5	15:06:02	14.2580	-0.1431	83.78%	0.0000	0.0000	0.0000	0.0000	0.0000
x		13.5370	0.1262	83.78%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		4.5381	444.9400	0.82	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:03:12	80.33%	0.0076	1.5571	-0.0026	-0.0399	0.0336	0.0000	0.0000
2	15:03:54	79.16%	0.0011	2.1138	-0.0059	-0.0114	0.0593	0.0000	0.0000
3	15:04:38	78.77%	-0.0022	1.2955	-0.0094	0.0230	0.0297	0.0000	0.0000
4	15:05:20	78.26%	0.0035	2.9018	-0.0058	-0.0472	0.0784	0.0000	0.0000
5	15:06:02	79.06%	0.0060	2.8586	-0.0059	-0.0067	0.0420	0.0000	0.0000
x		79.12%	0.0032	2.1453	-0.0059	-0.0164	0.0486	0.0000	0.0000
%RSD		0.96	122.2000	34.1750	40.3360	171.7200	41.5160	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:03:12	0.1177	43.5310	42.6670	88.52%	0.0329	0.0247	3.8569	4.0677
2	15:03:54	0.1285	43.5350	42.9330	86.85%	0.0285	0.0367	3.8530	4.0208
3	15:04:38	0.0767	44.0880	42.7370	86.34%	0.0292	0.0117	3.7847	4.0132
4	15:05:20	0.0728	43.2310	42.8010	86.09%	0.0046	0.0007	3.7970	3.9913
5	15:06:02	0.0872	43.4280	42.4200	86.90%	-0.0166	0.0040	3.8325	3.8660
x		0.0966	43.5630	42.7120	86.94%	0.0157	0.0156	3.8248	3.9918
%RSD		25.9420	0.7319	0.4460	1.09	135.4200	96.3840	0.8537	1.8954

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	15:03:12	3.9128	80.99%	-0.1385
2	15:03:54	3.9373	80.39%	-0.1385
3	15:04:38	3.9025	80.00%	-0.1385
4	15:05:20	3.8508	79.47%	-0.1385
5	15:06:02	3.8543	79.55%	-0.1385
x		3.8915	80.08%	-0.1385
%RSD		0.9709	0.78	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:07:32	79.97%	0.0313	TM 259680.0000	T 58840.0000	T 59583.0000	T 59842.0000	7.2376	T 9450.4000
2	15:08:14	79.77%	0.0188	TM 259240.0000	T 57716.0000	T 58300.0000	T 58050.0000	7.0292	T 9323.5000
3	15:08:57	80.41%	0.0245	TM 254590.0000	T 57868.0000	T 58568.0000	T 58637.0000	7.3323	T 9520.0000
4	15:09:38	78.22%	-0.0016	TM 252900.0000	T 58148.0000	T 58510.0000	T 57681.0000	7.3047	T 9394.2000
5	15:10:21	78.96%	0.0145	TM 255930.0000	T 57429.0000	T 57679.0000	T 58557.0000	7.7194	T 9415.9000
x		79.47%	0.0175	TM 256470.0000	T 58000.0000	T 58528.0000	T 58553.0000	7.3247	T 9420.8000
%RSD		1.09	70.7220	TM 1.1451	T 0.9249	T 1.1740	T 1.3988	3.4212	T 0.7677

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:07:32	TM 204370.0000	85.57%	0.4181	-0.4231	0.7841	6.9890	0.1507	3.4278
2	15:08:14	TM 202200.0000	86.30%	0.4336	-0.5583	0.7092	7.0999	0.1714	4.6401
3	15:08:57	TM 204210.0000	86.85%	0.4159	-0.4546	0.7584	5.4588	0.1417	1.8657
4	15:09:38	TM 204050.0000	87.23%	0.4098	-0.2335	0.7805	4.6879	0.1678	0.3521
5	15:10:21	TM 203340.0000	86.81%	0.3313	-0.4062	0.7241	6.0564	0.1592	1.5795
x		TM 203640.0000	86.55%	0.4017	-0.4151	0.7513	6.0584	0.1582	2.3730
%RSD		TM 0.4374	0.74	10.0390	28.2910	4.4592	16.8910	7.7235	70.5880

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:07:32	1694.6000	0.7324	4.1369	39.7480	40.0530	50.0910	8.0101	7.9258
2	15:08:14	1612.7000	0.6483	3.7776	39.2600	39.8230	50.5500	7.7859	8.7959
3	15:08:57	1523.5000	0.6714	3.7289	39.3140	38.6990	48.5330	7.8320	8.1690
4	15:09:38	1389.1000	0.6573	3.7520	38.8150	39.2920	50.0450	7.6201	8.3508
5	15:10:21	1450.8000	0.6481	3.6830	38.3960	38.5270	49.4070	8.0324	8.1579
x		1534.1000	0.6715	3.8157	39.1070	39.2790	49.7250	7.8561	8.2799
%RSD		7.9839	5.2665	4.7931	1.3217	1.7068	1.5699	2.1677	3.9317

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:07:32	12.6670	0.1425	83.91%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:08:14	13.4470	-0.4701	84.65%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:08:57	13.3390	-1.5292	85.03%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:09:38	12.9930	1.0920	85.35%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:10:21	12.0410	0.4527	85.05%	0.0000	0.0000	0.0000	0.0000	0.0000
x		12.8970	-0.0624	84.80%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		4.4081	1593.6000	0.65	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:07:32	79.05%	0.0067	1.1180	0.0054	0.0044	0.0422	0.0000	0.0000
2	15:08:14	79.81%	0.0085	1.6078	0.0052	-0.0280	0.0307	0.0000	0.0000
3	15:08:57	80.68%	0.0169	2.6049	0.0042	-0.0021	0.0405	0.0000	0.0000
4	15:09:38	80.34%	0.0096	1.6934	-0.0040	-0.0173	0.0471	0.0000	0.0000
5	15:10:21	80.81%	0.0081	2.1404	0.0000	-0.0071	0.0563	0.0000	0.0000
x		80.14%	0.0099	1.8329	0.0022	-0.0100	0.0434	0.0000	0.0000
%RSD		0.90	40.5240	30.7640	190.2900	127.7400	21.5890	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:07:32	0.1091	43.6410	41.5580	86.73%	-0.0108	-0.0277	3.9837	4.1177
2	15:08:14	0.1017	42.3510	42.0830	87.08%	-0.0246	-0.0290	3.9649	4.1919
3	15:08:57	0.0767	45.3730	42.8280	88.96%	-0.0187	-0.0280	4.0089	4.2566
4	15:09:38	0.0833	44.1240	41.7960	89.02%	-0.0350	-0.0239	4.0090	4.1052
5	15:10:21	0.1167	42.8540	42.2330	89.81%	-0.0295	-0.0285	3.9257	3.9930
x		0.0975	43.6690	42.1000	88.32%	-0.0237	-0.0274	3.9784	4.1329
%RSD		17.4040	2.6883	1.1480	1.52	39.5630	7.3927	0.8758	2.4001

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	15:07:32	4.0233	79.57%	-0.1385
2	15:08:14	4.0648	80.29%	-0.1385
3	15:08:57	4.1194	81.24%	-0.1385
4	15:09:38	4.0320	82.06%	-0.1385
5	15:10:21	3.9452	82.89%	-0.1385
x		4.0369	81.21%	-0.1385
%RSD		1.5773	1.64	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:11:51	80.36%	0.0279	TM 159230.0000	T 59001.0000	T 58328.0000	T 59244.0000	T 30.9040	T 3770.9000
2	15:12:33	79.20%	0.0216	TM 158760.0000	T 58740.0000	T 59978.0000	T 60190.0000	1.5439	T 3708.4000
3	15:13:15	80.34%	0.0280	TM 160020.0000	T 60289.0000	T 60999.0000	T 60631.0000	1.3977	T 3802.0000
4	15:13:57	80.60%	0.0293	TM 162610.0000	T 59454.0000	T 59851.0000	T 59280.0000	1.5389	T 3818.5000
5	15:14:39	80.45%	0.0237	TM 162240.0000	T 60558.0000	T 60530.0000	T 60758.0000	1.6622	T 3853.7000
X		80.19%	0.0261	TM 160570.0000	T 59608.0000	T 59937.0000	T 60020.0000	T 7.4094	T 3790.7000
%RSD		0.70	12.5080	TM 1.0926	T 1.3292	T 1.6844	T 1.2061	T 177.2700	T 1.4469

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:11:51	TM 168340.0000	87.73%	0.4407	37.4080	199.4600	90.3640	0.2282	-0.5277
2	15:12:33	TM 169670.0000	88.36%	0.4916	37.1500	199.3900	89.9800	0.2077	-0.3496
3	15:13:15	TM 170420.0000	87.61%	0.4434	37.8930	203.2500	87.0200	0.2362	1.8024
4	15:13:57	TM 168340.0000	88.58%	0.4553	38.9510	199.4200	88.1430	0.2016	-1.1254
5	15:14:39	TM 170390.0000	88.08%	0.4202	36.6000	202.9000	95.6570	0.2282	2.1537
X		TM 169430.0000	88.07%	0.4503	37.6000	200.8800	90.2330	0.2204	0.3907
%RSD		TM 0.6144	0.46	5.8493	2.3603	0.9979	3.6838	6.7629	379.4700

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:11:51	1250.3000	0.3730	3.0998	0.6575	0.8877	0.8622	10.5640	10.4880
2	15:12:33	1306.8000	0.3779	2.9028	0.5948	0.9126	0.6556	10.4820	10.4990
3	15:13:15	1223.2000	0.3277	3.0362	0.5189	0.9353	0.8410	10.5760	10.4480
4	15:13:57	1135.5000	0.3256	2.7753	0.5594	0.9068	0.8726	11.1070	11.2140
5	15:14:39	1269.5000	0.3609	3.1731	0.5553	0.7978	0.8173	10.8110	10.1100
X		1237.1000	0.3530	2.9974	0.5772	0.8881	0.8097	10.7080	10.5520
%RSD		5.2088	7.0363	5.3046	9.0686	5.9922	10.9590	2.3737	3.8240

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:11:51	14.8880	0.3671	86.53%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:12:33	15.2920	1.2523	87.15%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:13:15	16.4150	0.5476	86.65%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:13:57	16.1600	-0.2759	86.24%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:14:39	16.0550	0.5553	86.43%	0.0000	0.0000	0.0000	0.0000	0.0000
X		15.7620	0.4893	86.60%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		4.0826	111.4900	0.39	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:11:51	81.88%	-0.0102	1.4537	-0.0125	-0.0242	0.0235	0.0000	0.0000
2	15:12:33	81.82%	-0.0122	1.3558	-0.0091	-0.0128	0.0394	0.0000	0.0000
3	15:13:15	82.00%	-0.0062	2.4798	-0.0152	-0.0256	0.0446	0.0000	0.0000
4	15:13:57	81.56%	-0.0115	1.9336	-0.0084	-0.0180	0.0239	0.0000	0.0000
5	15:14:39	82.46%	-0.0057	2.1066	-0.0159	-0.0573	0.0284	0.0000	0.0000
X		81.94%	-0.0092	1.8659	-0.0122	-0.0276	0.0319	0.0000	0.0000
%RSD		0.41	33.0060	24.9860	28.1970	63.0560	29.8730	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:11:51	0.0754	73.7830	72.2430	90.60%	-0.0488	-0.0505	0.0163	-0.0010
2	15:12:33	0.0796	73.5270	73.8550	90.63%	-0.0647	-0.0476	0.0044	-0.0010
3	15:13:15	0.0942	74.4360	72.7520	90.39%	-0.0428	-0.0501	0.0094	-0.0050
4	15:13:57	0.0882	75.2480	71.7350	90.61%	-0.0506	-0.0505	-0.0089	0.0052
5	15:14:39	0.0792	73.9380	72.1310	90.43%	-0.0638	-0.0510	0.0112	-0.0089
X		0.0833	74.1860	72.5430	90.53%	-0.0541	-0.0499	0.0065	-0.0021
%RSD		9.2331	0.9166	1.1278	0.13	17.8590	2.7056	147.8700	244.7400

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	15:11:51	0.0067	84.55%	-0.1385
2	15:12:33	-0.0018	84.79%	0.6714
3	15:13:15	-0.0023	84.76%	-0.1385
4	15:13:57	0.0005	84.15%	-0.1385
5	15:14:39	-0.0026	84.50%	-0.1385
X		0.0001	84.55%	0.0235
%RSD		3518.4000	0.31	1542.5000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:16:10	81.68%	0.0005	TM 158400.0000	T 58222.0000	T 58383.0000	T 58955.0000	4.3092	T 3717.9000
2	15:16:52	81.52%	0.0196	TM 158560.0000	T 57787.0000	T 57916.0000	T 58399.0000	4.4255	T 3645.1000
3	15:17:34	82.27%	0.0248	TM 156270.0000	T 57132.0000	T 58058.0000	T 58403.0000	4.1835	T 3644.8000
4	15:18:18	80.98%	0.0273	TM 158720.0000	T 57141.0000	T 56814.0000	T 57239.0000	4.1622	T 3611.1000
5	15:19:00	81.88%	0.0252	TM 159100.0000	T 57718.0000	T 58829.0000	T 59095.0000	4.1613	T 3676.0000
x		81.67%	0.0195	TM 158210.0000	T 57600.0000	T 58000.0000	T 58418.0000	4.2484	T 3659.0000
%RSD		0.58	56.2840	TM 0.7039	T 0.8076	T 1.2933	T 1.2510	2.7425	T 1.0963

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:16:10	TM 165420.0000	86.90%	0.4347	25.0880	1.4409	4.9695	0.3284	2.7997
2	15:16:52	TM 162710.0000	88.46%	0.3895	24.3740	1.4504	6.3842	0.2972	0.5840
3	15:17:34	TM 162230.0000	89.58%	0.4215	23.9140	1.2751	4.8201	0.3277	0.3031
4	15:18:18	TM 162830.0000	88.68%	0.4487	24.2900	1.3508	4.9246	0.3339	1.3697
5	15:19:00	TM 166470.0000	89.00%	0.4698	24.3580	1.4784	4.9667	0.3186	1.7779
x		TM 163930.0000	88.53%	0.4328	24.4050	1.3991	5.2130	0.3212	1.3669
%RSD		TM 1.1524	1.13	6.9583	1.7435	6.0210	12.6130	4.5072	72.8510

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:16:10	1292.5000	0.3376	3.0708	2.7269	3.1554	2.8619	10.1030	10.6840
2	15:16:52	1374.6000	0.3616	2.8403	2.7863	2.9380	3.1566	10.3480	11.4130
3	15:17:34	1225.6000	0.3291	3.1869	2.7624	3.0471	2.7705	10.1630	10.6670
4	15:18:18	1429.8000	0.3823	3.1748	2.7403	3.1533	2.7430	10.5440	10.9690
5	15:19:00	1228.5000	0.3476	2.9838	2.6612	2.8530	2.7552	10.6080	10.4140
x		1310.2000	0.3516	3.0513	2.7354	3.0294	2.8574	10.3530	10.8300
%RSD		6.8892	5.9690	4.7240	1.7265	4.3984	6.0764	2.1596	3.5172

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:16:10	13.2270	1.1998	85.17%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:16:52	13.8530	0.1199	85.79%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:17:34	13.0840	0.4656	86.15%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:18:18	14.4540	0.6788	85.79%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:19:00	14.2330	-0.4622	86.19%	0.0000	0.0000	0.0000	0.0000	0.0000
x		13.7700	0.4004	85.82%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		4.3800	155.1400	0.48	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:16:10	81.00%	-0.0047	2.1228	-0.0117	-0.0347	0.0246	0.0000	0.0000
2	15:16:52	82.23%	0.0010	2.2899	-0.0132	-0.0265	0.0483	0.0000	0.0000
3	15:17:34	81.63%	-0.0042	2.1251	-0.0097	0.0070	0.0310	0.0000	0.0000
4	15:18:18	82.20%	-0.0003	0.5738	-0.0064	0.0209	0.0476	0.0000	0.0000
5	15:19:00	82.00%	-0.0042	3.0392	-0.0125	-0.0718	0.0373	0.0000	0.0000
x		81.81%	-0.0025	2.0301	-0.0107	-0.0210	0.0378	0.0000	0.0000
%RSD		0.63	106.2100	44.2240	25.6420	173.8000	27.3340	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:16:10	0.0871	71.5820	69.5900	88.78%	-0.0629	-0.0573	0.0823	0.1308
2	15:16:52	0.0900	72.4510	70.4120	89.75%	-0.0595	-0.0741	0.0822	0.0944
3	15:17:34	0.0931	72.3620	69.9590	88.43%	-0.0656	-0.0672	0.0962	0.0785
4	15:18:18	0.0883	71.1570	70.6180	88.78%	-0.0714	-0.0631	0.0717	0.1102
5	15:19:00	0.0776	74.4360	70.5370	89.94%	-0.0735	-0.0612	0.0837	0.0941
x		0.0872	72.3980	70.2230	89.14%	-0.0666	-0.0646	0.0832	0.1016
%RSD		6.7037	1.7422	0.6211	0.75	8.7305	9.9388	10.4610	19.4830

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	15:16:10	0.0936	83.02%	-0.1385
2	15:16:52	0.0823	83.03%	-0.1385
3	15:17:34	0.0830	82.88%	-0.1385
4	15:18:18	0.0872	83.24%	-0.1385
5	15:19:00	0.0937	83.20%	-0.1385
x		0.0880	83.07%	-0.1385
%RSD		6.2899	0.18	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:20:29	78.81%	41.3680	TM 163900.0000	T 59958.0000	T 60439.0000	T 60491.0000	T 1966.9000	T 3825.2000
2	15:21:11	79.92%	40.9750	TM 164120.0000	T 60168.0000	T 61323.0000	T 61249.0000	T 1972.6000	T 3817.2000
3	15:21:53	78.28%	41.3360	TM 159790.0000	T 59175.0000	T 59900.0000	T 60419.0000	T 1944.0000	T 3749.6000
4	15:22:35	77.30%	39.9040	TM 160290.0000	T 58890.0000	T 59355.0000	T 59090.0000	T 1958.4000	T 3774.0000
5	15:23:17	78.30%	40.9860	TM 158060.0000	T 59290.0000	T 59744.0000	T 60307.0000	T 1964.1000	T 3773.7000
X		78.52%	40.9140	TM 161230.0000	T 59496.0000	T 60152.0000	T 60311.0000	T 1961.2000	T 3787.9000
%RSD		1.21	1.4528	TM 1.6540	T 0.9124	T 1.2657	T 1.2887	T 0.5554	T 0.8463

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:20:29	TM 169170.0000	87.67%	0.4815	518.5700	175.9200	77.3470	447.6300	1.3825
2	15:21:11	TM 171330.0000	86.43%	0.4966	522.5900	180.4200	81.9020	449.8800	2.3955
3	15:21:53	TM 171240.0000	86.82%	0.4604	522.4600	176.8200	82.4230	451.8900	1.7811
4	15:22:35	TM 170250.0000	86.39%	0.4925	522.6200	177.8600	80.2370	444.6100	0.3668
5	15:23:17	TM 169560.0000	86.01%	0.5034	518.7100	178.7600	79.9270	445.5600	1.3454
X		TM 170310.0000	86.66%	0.4869	520.9900	177.9500	80.3670	447.9100	1.4543
%RSD		TM 0.5702	0.73	3.4469	0.4119	0.9783	2.4819	0.6713	50.9060

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:20:29	1462.3000	451.2300	418.9300	206.3800	214.6500	445.4800	48.6540	19.9010
2	15:21:11	1479.8000	457.4200	416.7900	206.2600	211.0100	441.2500	46.2560	19.5110
3	15:21:53	1205.9000	451.5900	424.9400	207.6000	208.5400	439.4600	46.7590	19.4030
4	15:22:35	1314.6000	446.6500	417.5700	208.4900	206.9800	438.8200	46.3320	19.5250
5	15:23:17	1179.0000	445.8300	412.6600	203.9200	209.1400	435.7900	46.8440	20.0550
X		1328.3000	450.5500	418.1800	206.5300	210.0600	440.1600	46.9690	19.6790
%RSD		10.5380	1.0304	1.0630	0.8360	1.3987	0.8104	2.0792	1.4337

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:20:29	24.2680	0.1862	84.60%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:21:11	25.8110	0.5326	85.38%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:21:53	23.2020	0.5218	85.52%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:22:35	24.3520	1.2718	85.61%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:23:17	23.2300	0.1809	84.95%	0.0000	0.0000	0.0000	0.0000	0.0000
X		24.1730	0.5387	85.21%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		4.4158	82.5080	0.50	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:20:29	80.22%	46.4040	-0.1133	45.9240	47.7920	47.2780	0.0000	0.0000
2	15:21:11	80.82%	45.8220	1.2174	45.4750	46.0900	46.8360	0.0000	0.0000
3	15:21:53	80.91%	45.3200	2.8386	44.8650	46.7160	47.2880	0.0000	0.0000
4	15:22:35	81.81%	45.0570	1.2051	44.6760	46.2140	45.5080	0.0000	0.0000
5	15:23:17	80.97%	45.2920	1.6811	44.5900	46.0330	46.6040	0.0000	0.0000
X		80.95%	45.5790	1.3658	45.1060	46.5690	46.7030	0.0000	0.0000
%RSD		0.70	1.1822	77.6970	1.2706	1.5782	1.5615	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:20:29	94.9780	2021.5000	1980.4000	89.13%	47.9370	47.5320	18.9570	20.7110
2	15:21:11	95.0320	2013.4000	1993.4000	89.39%	47.3570	47.1260	18.5850	19.9440
3	15:21:53	93.7630	2007.6000	1974.6000	90.00%	47.7910	47.0660	18.2420	20.7510
4	15:22:35	93.9410	1986.7000	1955.9000	90.10%	47.3950	47.0400	18.4280	19.9950
5	15:23:17	92.6220	1963.1000	1948.5000	90.53%	46.9260	46.4450	18.2180	20.1140
X		94.0670	1998.5000	1970.6000	89.83%	47.4810	47.0420	18.4860	20.3030
%RSD		1.0576	1.1812	0.9276	0.63	0.8387	0.8262	1.6386	1.9500

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	15:20:29	19.5950	82.76%	-0.1385
2	15:21:11	19.2350	83.29%	-0.1385
3	15:21:53	19.2800	83.64%	-0.1385
4	15:22:35	19.3000	84.05%	-0.1385
5	15:23:17	19.2210	84.68%	-0.1385
X		19.3260	83.68%	-0.1385
%RSD		0.7954	0.87	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:24:47	78.20%	0.0536	TM 153730.0000	T 57447.0000	T 58175.0000	T 58359.0000	5.4894	T 3598.5000
2	15:25:29	79.99%	0.0123	TM 156980.0000	T 57653.0000	T 57167.0000	T 57760.0000	5.3767	T 3649.0000
3	15:26:11	79.28%	0.0199	TM 154450.0000	T 56632.0000	T 57747.0000	T 57952.0000	5.0274	T 3661.9000
4	15:26:53	79.19%	0.0185	TM 159650.0000	T 58590.0000	T 58600.0000	T 58650.0000	4.8955	T 3665.9000
5	15:27:35	79.69%	0.0164	TM 158440.0000	T 57824.0000	T 58121.0000	T 58929.0000	5.0156	T 3678.4000
x		79.27%	0.0241	TM 156650.0000	T 57629.0000	T 57962.0000	T 58330.0000	5.1609	T 3650.7000
%RSD		0.86	69.3730	TM 1.6179	T 1.2240	T 0.9279	T 0.8265	4.9765	T 0.8505

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:24:47	TM 164230.0000	87.66%	0.3596	24.6560	1.5455	5.2087	0.5440	1.3641
2	15:25:29	TM 162680.0000	87.40%	0.3730	24.5730	1.3694	6.3339	0.4523	2.3720
3	15:26:11	TM 164910.0000	87.95%	0.3936	23.7650	1.4409	7.7158	0.4042	1.3774
4	15:26:53	TM 165140.0000	86.90%	0.3962	24.3740	1.4489	4.6072	0.4048	0.2619
5	15:27:35	TM 166330.0000	87.05%	0.3829	24.6570	1.4197	6.7158	0.3833	1.9027
x		TM 164660.0000	87.39%	0.3811	24.4050	1.4449	6.1163	0.4377	1.4556
%RSD		TM 0.8143	0.49	3.9740	1.5396	4.4447	20.1340	14.7480	54.0850

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:24:47	1138.0000	0.5582	3.0774	2.7817	3.0554	3.0565	10.4380	10.2610
2	15:25:29	1178.0000	0.4794	2.9807	2.6976	3.0263	3.0485	10.7190	9.8234
3	15:26:11	1157.8000	0.4586	2.9370	2.8161	2.9268	2.8582	9.9273	9.8574
4	15:26:53	1156.6000	0.4130	3.0732	2.6974	2.9477	2.7751	10.5010	10.3160
5	15:27:35	1186.0000	0.3629	3.1693	2.6519	3.0039	2.4681	10.4210	10.8640
x		1163.3000	0.4544	3.0475	2.7289	2.9920	2.8413	10.4010	10.2240
%RSD		1.6335	16.1330	2.9839	2.4781	1.7958	8.4986	2.7919	4.1320

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:24:47	14.7860	-0.3099	85.08%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:25:29	15.2540	-0.9195	86.23%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:26:11	14.2420	0.1746	86.63%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:26:53	14.0830	0.5429	86.84%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:27:35	14.6310	0.2773	86.58%	0.0000	0.0000	0.0000	0.0000	0.0000
x		14.5990	-0.0469	86.27%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		3.1734	1229.8000	0.81	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:24:47	80.14%	0.0198	3.5150	0.0092	-0.0607	0.0606	0.0000	0.0000
2	15:25:29	81.19%	0.0079	3.1733	0.0075	-0.0263	0.0425	0.0000	0.0000
3	15:26:11	82.09%	0.0056	2.0426	0.0031	0.0047	0.0259	0.0000	0.0000
4	15:26:53	80.75%	-0.0007	2.1816	-0.0062	-0.0366	0.0419	0.0000	0.0000
5	15:27:35	80.95%	-0.0094	1.9872	-0.0104	-0.0285	0.0422	0.0000	0.0000
x		81.03%	0.0047	2.5799	0.0006	-0.0295	0.0426	0.0000	0.0000
%RSD		0.88	232.2200	27.5790	1341.7000	79.6520	28.8560	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:24:47	0.1577	73.7930	71.3630	90.33%	-0.0475	-0.0411	0.1070	0.0999
2	15:25:29	0.1077	70.1650	69.5440	90.12%	-0.0535	-0.0557	0.0838	0.0507
3	15:26:11	0.0958	73.3030	71.5830	91.50%	-0.0585	-0.0659	0.0919	0.1099
4	15:26:53	0.0867	72.3650	71.3670	90.87%	-0.0730	-0.0715	0.1028	0.0716
5	15:27:35	0.0761	72.1540	70.4810	90.37%	-0.0791	-0.0711	0.0812	0.0796
x		0.1048	72.3560	70.8680	90.64%	-0.0623	-0.0611	0.0933	0.0823
%RSD		30.3070	1.9300	1.2034	0.61	21.3530	21.0620	12.1670	28.4590

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	15:24:47	0.0844	84.68%	-0.1385
2	15:25:29	0.0660	84.44%	-0.1385
3	15:26:11	0.0858	84.58%	-0.1385
4	15:26:53	0.0887	85.24%	-0.1385
5	15:27:35	0.0719	85.13%	-0.1385
x		0.0793	84.81%	-0.1385
%RSD		12.4010	0.41	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:29:04	89.57%	-0.0034	T 33293.0000	T 12191.0000	T 12215.0000	T 12356.0000	1.0919	745.2900
2	15:29:46	90.90%	0.0186	T 33685.0000	T 12462.0000	T 12696.0000	T 12434.0000	0.8159	753.8000
3	15:30:28	90.83%	0.0075	T 33063.0000	T 12211.0000	T 12260.0000	T 12278.0000	0.9295	755.4000
4	15:31:10	93.00%	0.0110	T 33519.0000	T 12345.0000	T 12583.0000	T 12327.0000	0.8516	734.3900
5	15:31:52	91.24%	-0.0148	T 33193.0000	T 12184.0000	T 12078.0000	T 12077.0000	0.8896	737.1000
x		91.11%	0.0038	T 33351.0000	T 12279.0000	T 12367.0000	T 12294.0000	0.9157	745.2000
%RSD		1.36	344.5000	T 0.7516	T 0.9914	T 2.1134	T 1.0902	11.7120	1.2736

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:29:04	30725.0000	94.04%	0.0931	5.2320	0.3594	2.7786	0.1094	4.7162
2	15:29:46	31109.0000	94.22%	0.1124	4.8555	0.3067	1.1106	0.1025	5.2136
3	15:30:28	30774.0000	94.30%	0.1103	5.0778	0.3346	1.2339	0.1026	5.8378
4	15:31:10	30974.0000	94.65%	0.1234	5.1932	0.3410	0.5342	0.1044	6.4872
5	15:31:52	31165.0000	96.30%	0.0886	4.8853	0.3009	-0.3350	0.0805	2.9802
x		30949.0000	94.70%	0.1056	5.0488	0.3285	1.0645	0.0999	5.0470
%RSD		0.6331	0.97	13.6300	3.4217	7.4276	107.2000	11.1870	26.4130

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:29:04	262.6300	0.0950	0.7422	0.6541	0.6534	1.1913	2.2228	2.2317
2	15:29:46	264.9500	0.0866	0.8077	0.5630	0.8870	1.3185	2.3706	2.1500
3	15:30:28	294.8900	0.0876	0.7279	0.6299	0.7422	1.2270	2.0579	1.8686
4	15:31:10	259.3900	0.0699	0.7542	0.5893	0.5649	1.2818	1.8357	1.9262
5	15:31:52	268.1600	0.0658	0.6485	0.6062	0.7165	1.3605	2.1851	1.6906
x		270.0000	0.0810	0.7361	0.6085	0.7128	1.2758	2.1344	1.9734
%RSD		5.2875	15.4210	7.8115	5.7973	16.6910	5.3384	9.4077	11.0750

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:29:04	2.9362	0.1323	92.16%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:29:46	3.3826	-0.4972	92.61%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:30:28	3.0044	-0.9890	94.22%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:31:10	2.5494	0.8868	94.24%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:31:52	2.9023	-0.7292	93.82%	0.0000	0.0000	0.0000	0.0000	0.0000
x		2.9550	-0.2393	93.41%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		10.0510	315.1700	1.03	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:29:04	90.45%	-0.0099	2.0320	-0.0124	-0.0344	0.0215	0.0000	0.0000
2	15:29:46	91.43%	-0.0136	1.1314	-0.0125	-0.0314	0.0171	0.0000	0.0000
3	15:30:28	92.73%	-0.0107	1.5173	-0.0126	-0.0382	0.0137	0.0000	0.0000
4	15:31:10	93.28%	-0.0073	2.0614	-0.0114	-0.0524	0.0050	0.0000	0.0000
5	15:31:52	92.37%	-0.0060	1.4509	-0.0126	-0.0281	0.0073	0.0000	0.0000
x		92.05%	-0.0095	1.6386	-0.0123	-0.0369	0.0129	0.0000	0.0000
%RSD		1.21	31.4900	24.4240	4.0619	25.5890	52.8060	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:29:04	0.0089	13.9490	14.8330	95.09%	-0.0907	-0.0886	0.0136	0.0359
2	15:29:46	0.0183	14.8940	14.4850	95.49%	-0.0912	-0.0906	0.0169	0.0272
3	15:30:28	0.0142	14.6180	13.8070	95.49%	-0.0951	-0.0862	0.0257	0.0231
4	15:31:10	0.0009	15.0220	13.7840	96.16%	-0.0902	-0.0873	0.0315	0.0086
5	15:31:52	0.0067	14.3110	14.1620	95.39%	-0.0882	-0.0897	0.0181	0.0088
x		0.0098	14.5590	14.2140	95.52%	-0.0911	-0.0885	0.0212	0.0207
%RSD		68.6950	3.0031	3.1646	0.41	2.7380	2.0130	34.4500	57.4920

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	15:29:04	0.0240	93.34%	-0.1385
2	15:29:46	0.0200	92.85%	-0.1385
3	15:30:28	0.0165	93.59%	-0.1385
4	15:31:10	0.0152	94.01%	-0.1385
5	15:31:52	0.0111	93.66%	-0.1385
x		0.0174	93.49%	-0.1385
%RSD		28.1130	0.46	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:33:21	79.75%	0.0125	TM 232130.0000	T 59799.0000	T 59917.0000	T 60805.0000	1.9120	T 6482.4000
2	15:34:03	78.51%	0.0028	TM 231830.0000	T 59675.0000	T 59938.0000	T 61043.0000	1.9445	T 6587.4000
3	15:34:45	79.52%	0.0084	TM 237170.0000	T 60146.0000	T 60617.0000	T 60739.0000	1.6861	T 6471.2000
4	15:35:27	77.44%	0.0228	TM 234680.0000	T 59448.0000	T 59330.0000	T 59843.0000	1.7105	T 6642.4000
5	15:36:09	77.69%	0.0066	TM 232320.0000	T 60039.0000	T 59964.0000	T 60003.0000	1.5124	T 6398.8000
x		78.58%	0.0106	TM 233630.0000	T 59821.0000	T 59953.0000	T 60487.0000	1.7531	T 6516.4000
%RSD		1.33	72.2890	TM 0.9774	T 0.4685	T 0.7599	T 0.8761	10.1290	T 1.4944

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:33:21	TM 169970.0000	86.95%	0.4643	16.5360	1.2038	4.2754	0.1094	1.7308
2	15:34:03	TM 172320.0000	86.18%	0.3657	17.1710	1.1039	5.5472	0.0988	1.9974
3	15:34:45	TM 171610.0000	87.24%	0.4710	16.6060	1.1081	4.9515	0.1016	2.1821
4	15:35:27	TM 173170.0000	86.21%	0.4508	16.5180	1.1411	4.0794	0.1018	-1.9321
5	15:36:09	TM 171910.0000	86.60%	0.4299	16.8410	1.2518	4.0420	0.0731	-0.8346
x		TM 171800.0000	86.64%	0.4363	16.7340	1.1617	4.5791	0.0969	0.6287
%RSD		TM 0.6848	0.54	9.7400	1.6504	5.5350	14.2630	14.3550	299.6800

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:33:21	1230.4000	0.4692	4.9455	10.1140	10.5500	21.8980	11.5200	11.7110
2	15:34:03	1373.8000	0.5153	5.3128	9.8461	10.1220	21.4700	10.6130	12.0610
3	15:34:45	1308.8000	0.4693	4.6373	9.8336	10.0100	21.6390	10.9980	11.7290
4	15:35:27	1363.9000	0.4361	4.9808	9.8875	10.4580	21.6640	10.4600	11.5560
5	15:36:09	1266.1000	0.4528	4.9340	10.0000	10.1100	21.8950	10.2020	11.9770
x		1308.6000	0.4685	4.9621	9.9362	10.2500	21.7130	10.7580	11.8070
%RSD		4.7161	6.3034	4.8312	1.1974	2.3241	0.8440	4.7796	1.7526

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:33:21	18.5590	0.5877	84.30%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:34:03	17.3080	-0.3166	85.46%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:34:45	18.4580	-1.1542	85.04%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:35:27	17.0130	-0.8976	85.86%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:36:09	17.0650	0.9333	84.94%	0.0000	0.0000	0.0000	0.0000	0.0000
x		17.6800	-0.1695	85.12%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		4.3270	536.8800	0.69	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:33:21	79.96%	-0.0045	1.9732	-0.0110	-0.0174	0.0869	0.0000	0.0000
2	15:34:03	80.51%	-0.0033	1.2279	-0.0110	-0.0155	0.0465	0.0000	0.0000
3	15:34:45	81.23%	-0.0061	2.3295	-0.0077	-0.0376	0.0256	0.0000	0.0000
4	15:35:27	80.06%	-0.0086	0.7330	-0.0152	0.0068	0.0367	0.0000	0.0000
5	15:36:09	80.03%	-0.0032	2.0647	-0.0138	-0.0115	0.0601	0.0000	0.0000
x		80.36%	-0.0052	1.6657	-0.0117	-0.0150	0.0512	0.0000	0.0000
%RSD		0.67	44.0610	39.7800	24.7930	105.4500	46.2520	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:33:21	0.0816	56.9100	54.6290	88.60%	-0.0787	-0.0744	1.9244	2.0819
2	15:34:03	0.0618	56.8790	55.6930	89.23%	-0.0762	-0.0810	1.9648	2.0161
3	15:34:45	0.0654	55.9910	56.7180	90.12%	-0.0793	-0.0759	1.9454	2.0878
4	15:35:27	0.1109	56.9620	54.4790	90.17%	-0.0786	-0.0745	2.1149	2.2417
5	15:36:09	0.0830	57.6320	55.3360	90.88%	-0.0682	-0.0803	2.0112	1.9687
x		0.0806	56.8750	55.3710	89.80%	-0.0762	-0.0772	1.9921	2.0792
%RSD		24.1250	1.0264	1.6315	0.99	6.0847	4.1287	3.8031	4.9684

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	15:33:21	2.0272	82.32%	-0.1385
2	15:34:03	1.9995	83.09%	-0.1385
3	15:34:45	2.0087	83.75%	-0.1385
4	15:35:27	2.1065	83.90%	-0.1385
5	15:36:09	2.0081	84.99%	-0.1385
x		2.0300	83.61%	-0.1385
%RSD		2.1655	1.19	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:37:38	78.24%	0.0205	TM 229980.0000	T 60195.0000	T 59698.0000	T 60436.0000	8.8231	T 6397.0000
2	15:38:20	75.97%	0.0115	TM 235810.0000	T 61459.0000	T 61269.0000	T 62070.0000	9.1203	T 6592.4000
3	15:39:02	76.57%	0.0250	TM 232050.0000	T 59065.0000	T 59672.0000	T 60437.0000	9.0754	T 6607.1000
4	15:39:45	78.53%	0.0052	TM 239480.0000	T 61189.0000	T 61468.0000	T 61149.0000	8.9399	T 6558.4000
5	15:40:27	78.70%	-0.0011	TM 241340.0000	T 62149.0000	T 62301.0000	T 62818.0000	9.4870	T 6788.2000
x		77.60%	0.0122	TM 235730.0000	T 60811.0000	T 60881.0000	T 61382.0000	9.0892	T 6588.6000
%RSD		1.60	87.4560	TM 2.0365	T 1.9772	T 1.9040	T 1.7041	2.7643	T 2.1167

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:37:38	TM 171940.0000	86.85%	0.4559	-1.0421	3.7765	6.7108	0.1365	3.0257
2	15:38:20	TM 174720.0000	84.61%	0.4053	-0.9420	3.8474	7.7668	0.1196	3.7541
3	15:39:02	TM 174000.0000	85.97%	0.4268	-0.9560	3.7663	8.4308	0.1348	3.1048
4	15:39:45	TM 172560.0000	85.08%	0.4701	-0.9204	3.9441	9.1518	0.1408	2.2978
5	15:40:27	TM 177620.0000	85.56%	0.3855	-0.9769	3.9480	8.1691	0.1394	3.1473
x		TM 174170.0000	85.61%	0.4287	-0.9675	3.8565	8.0458	0.1342	3.0659
%RSD		TM 1.2779	1.00	8.1411	4.8094	2.2704	11.1970	6.3263	16.8970

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:37:38	1292.4000	0.4308	4.6115	15.2000	15.8710	17.9390	8.4517	8.5756
2	15:38:20	1266.0000	0.4506	4.5148	15.4260	15.6550	17.9650	8.9481	9.4993
3	15:39:02	1236.7000	0.4831	4.7683	15.2920	15.7720	17.9550	9.2096	8.3707
4	15:39:45	1304.7000	0.4596	4.3191	15.6950	16.1150	18.6670	8.3119	10.1050
5	15:40:27	1247.7000	0.4316	4.4847	15.8670	16.1930	18.1880	8.5260	10.4650
x		1269.5000	0.4511	4.5397	15.4960	15.9210	18.1430	8.6895	9.4030
%RSD		2.2724	4.8176	3.6482	1.8003	1.4296	1.7103	4.3183	9.7746

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:37:38	14.8360	-1.2854	86.12%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:38:20	15.4240	-0.1624	84.43%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:39:02	15.5830	-0.1539	84.04%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:39:45	15.4040	0.4116	84.32%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:40:27	15.5560	-0.3265	85.77%	0.0000	0.0000	0.0000	0.0000	0.0000
x		15.3610	-0.3033	84.94%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		1.9755	203.1100	1.11	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:37:38	80.17%	-0.0033	1.8422	-0.0089	-0.0222	0.0298	0.0000	0.0000
2	15:38:20	79.70%	-0.0059	2.0907	-0.0068	-0.0411	0.0313	0.0000	0.0000
3	15:39:02	80.25%	-0.0073	2.2537	-0.0131	-0.0511	0.0344	0.0000	0.0000
4	15:39:45	80.98%	-0.0068	2.3259	-0.0131	-0.0315	0.0081	0.0000	0.0000
5	15:40:27	80.38%	-0.0026	2.6583	-0.0124	-0.0431	0.0373	0.0000	0.0000
x		80.30%	-0.0052	2.2342	-0.0109	-0.0378	0.0282	0.0000	0.0000
%RSD		0.58	41.0040	13.4810	26.4800	29.5980	41.1950	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:37:38	0.0700	58.0290	53.5140	91.53%	-0.0774	-0.0747	0.4962	0.4666
2	15:38:20	0.0706	56.6140	54.4620	90.57%	-0.0804	-0.0827	0.4050	0.4587
3	15:39:02	0.0828	54.7840	54.7370	90.98%	-0.0866	-0.0825	0.4612	0.4539
4	15:39:45	0.0885	54.2850	54.8000	91.31%	-0.0742	-0.0818	0.4518	0.5000
5	15:40:27	0.0511	56.9030	55.7420	90.13%	-0.0878	-0.0818	0.4552	0.4879
x		0.0726	56.1230	54.6510	90.90%	-0.0813	-0.0807	0.4539	0.4734
%RSD		19.8580	2.7685	1.4608	0.62	7.1945	4.2117	7.1715	4.1727

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	15:37:38	0.4858	84.19%	-0.1385
2	15:38:20	0.4481	84.93%	-0.1385
3	15:39:02	0.4528	85.05%	-0.1385
4	15:39:45	0.4601	84.59%	-0.1385
5	15:40:27	0.4733	84.66%	-0.1385
x		0.4640	84.69%	-0.1385
%RSD		3.3351	0.40	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:41:56	80.48%	0.0063	TM 186390.0000	T 41426.0000	T 42041.0000	T 42562.0000	1.0023	T 6956.2000
2	15:42:38	80.41%	0.0107	TM 190190.0000	T 42329.0000	T 42239.0000	T 42728.0000	1.0216	T 7077.0000
3	15:43:20	80.15%	0.0022	TM 193690.0000	T 42221.0000	T 42381.0000	T 42620.0000	1.1098	T 6949.7000
4	15:44:03	81.63%	0.0131	TM 188030.0000	T 41325.0000	T 41109.0000	T 41699.0000	1.0304	T 6743.2000
5	15:44:45	80.53%	0.0100	TM 193910.0000	T 41799.0000	T 42184.0000	T 42062.0000	0.9850	T 6987.6000
x		80.64%	0.0084	TM 190440.0000	T 41820.0000	T 41991.0000	T 42334.0000	1.0298	T 6942.7000
%RSD		0.71	50.7180	TM 1.7583	T 1.0833	T 1.2096	T 1.0334	4.6669	T 1.7655
Run	**Time**	**44Ca**	**45Sc**	**47Ti**	**51V**	**52Cr**	**54Fe**	**55Mn**	**56Fe**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:41:56	TM 213330.0000	87.45%	0.3435	26.0110	117.4200	55.3060	0.1051	2.0352
2	15:42:38	TM 215620.0000	86.49%	0.3705	24.7910	117.1800	56.9250	0.1091	1.5836
3	15:43:20	TM 210480.0000	87.99%	0.3370	27.3190	117.8900	56.1550	0.0831	0.9714
4	15:44:03	TM 208690.0000	89.81%	0.3218	25.8060	113.9800	52.3020	0.0994	-0.0043
5	15:44:45	TM 212600.0000	88.01%	0.4037	26.0040	117.7800	55.9820	0.1062	0.9302
x		TM 212140.0000	87.95%	0.3553	25.9860	116.8500	55.3340	0.1006	1.1032
%RSD		TM 1.2551	1.38	9.0910	3.4628	1.3949	3.2352	10.3450	69.8210
Run	**Time**	**57Fe**	**59Co**	**60Ni**	**63Cu**	**65Cu**	**66Zn**	**75As**	**78Se**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:41:56	1510.3000	0.7155	3.1474	16.0610	16.7930	26.9260	6.3491	8.8912
2	15:42:38	1553.8000	0.7421	3.3335	16.3780	16.7290	26.6260	6.6849	8.6954
3	15:43:20	1486.9000	0.7164	3.2359	16.3130	17.0940	27.5180	6.6156	9.1094
4	15:44:03	1657.7000	0.7044	3.2544	15.6620	16.2440	27.1520	6.1018	8.8145
5	15:44:45	1553.4000	0.7093	3.5504	16.2170	16.7830	26.8260	6.7498	9.0758
x		1552.4000	0.7175	3.3043	16.1260	16.7290	27.0100	6.5002	8.9173
%RSD		4.2196	2.0293	4.6194	1.7705	1.8324	1.2656	4.1516	1.9626
Run	**Time**	**82Se**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:41:56	11.6100	0.6932	85.71%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:42:38	12.8770	0.8398	86.58%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:43:20	11.9600	2.3188	86.47%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:44:03	11.0780	0.7603	87.48%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:44:45	12.1250	1.1626	87.16%	0.0000	0.0000	0.0000	0.0000	0.0000
x		11.9300	1.1550	86.68%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		5.5658	58.4500	0.79	0.0000	0.0000	0.0000	0.0000	0.0000
Run	**Time**	**103Rh**	**107Ag**	**108Mo O**	**109Ag**	**111Cd**	**114Cd**	**115In**	**118Sn**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:41:56	81.53%	0.0018	2.9388	-0.0132	-0.0101	0.0462	0.0000	0.0000
2	15:42:38	81.79%	-0.0089	2.8509	-0.0091	-0.0219	0.0489	0.0000	0.0000
3	15:43:20	82.23%	-0.0076	2.8551	-0.0112	-0.0255	0.0617	0.0000	0.0000
4	15:44:03	81.74%	-0.0082	1.1141	-0.0139	0.0043	0.0673	0.0000	0.0000
5	15:44:45	83.14%	-0.0077	2.8799	-0.0099	-0.0295	0.0423	0.0000	0.0000
x		82.09%	-0.0061	2.5278	-0.0114	-0.0165	0.0533	0.0000	0.0000
%RSD		0.78	72.9450	31.2930	17.9250	82.9410	20.0600	0.0000	0.0000
Run	**Time**	**121Sb**	**135Ba**	**137Ba**	**159Tb**	**203Tl**	**205Tl**	**206Pb**	**207Pb**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:41:56	0.0629	43.6780	42.5880	91.11%	-0.0838	-0.0849	3.0087	2.9283
2	15:42:38	0.0628	44.5790	41.8010	90.76%	-0.0837	-0.0860	3.1192	3.0678
3	15:43:20	0.0708	42.4300	42.2340	90.93%	-0.0829	-0.0786	3.0158	3.1025
4	15:44:03	0.0710	43.3100	41.8980	91.48%	-0.0865	-0.0821	3.0280	2.9791
5	15:44:45	0.0576	44.0400	42.5590	91.97%	-0.0845	-0.0831	3.0275	3.0297
x		0.0650	43.6070	42.2160	91.25%	-0.0843	-0.0829	3.0399	3.0215
%RSD		8.9343	1.8531	0.8622	0.53	1.6172	3.4593	1.4837	2.2958
Run	**Time**	**208Pb**	**209Bi**	**220Bkg**					
		ug/L	ug/L	ug/L					
1	15:41:56	2.9452	84.71%	-0.1385					
2	15:42:38	3.0517	84.69%	-0.1385					
3	15:43:20	3.0351	84.21%	-0.1385					
4	15:44:03	2.9783	84.71%	-0.1385					
5	15:44:45	3.0037	84.95%	-0.1385					
x		3.0028	84.66%	-0.1385					
%RSD		1.4277	0.32	0.0000					

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:46:14	82.12%	0.0153	TM 186850.0000	T 41333.0000	T 41493.0000	T 41747.0000	1.4129	T 6782.2000
2	15:46:56	81.34%	0.0119	TM 184870.0000	T 40890.0000	T 41407.0000	T 42054.0000	1.7610	T 6880.3000
3	15:47:38	80.77%	0.0134	TM 181390.0000	T 40055.0000	T 40510.0000	T 40771.0000	1.5493	T 6640.0000
4	15:48:20	82.15%	0.0002	TM 183700.0000	T 40100.0000	T 40867.0000	T 40967.0000	1.4179	T 6821.9000
5	15:49:02	79.75%	0.0211	TM 179190.0000	T 38922.0000	T 39456.0000	T 39739.0000	1.3807	T 6562.4000
x		81.23%	0.0124	TM 183200.0000	T 40260.0000	T 40747.0000	T 41056.0000	1.5044	T 6737.4000
%RSD		1.24	61.9280	TM 1.6308	T 2.2918	T 2.0268	T 2.2115	10.4590	T 1.9592

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:46:14	TM 205840.0000	89.36%	0.3295	-0.2258	2.1474	7.0530	0.1365	-0.9683
2	15:46:56	TM 207490.0000	88.19%	0.3737	0.1914	2.3158	6.6996	0.1434	1.4438
3	15:47:38	TM 205680.0000	89.20%	0.3652	-0.0327	2.1668	6.1445	0.1332	-1.3050
4	15:48:20	TM 203280.0000	87.98%	0.2824	0.0624	2.1228	6.7398	0.1586	-0.5241
5	15:49:02	TM 202520.0000	89.22%	0.3114	0.2210	2.0207	4.3555	0.1220	-1.3779
x		TM 204960.0000	88.79%	0.3324	0.0433	2.1547	6.1985	0.1388	-0.5463
%RSD		TM 0.9896	0.73	11.3940	420.1000	4.9287	17.4390	9.7609	212.8200

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:46:14	1634.0000	0.7033	3.5830	44.1140	45.4230	63.3110	5.7928	8.8540
2	15:46:56	1548.4000	0.7324	3.5848	44.2690	45.5140	63.7600	6.4047	9.0056
3	15:47:38	1460.5000	0.6745	3.5805	44.0400	44.3420	62.6530	7.0183	9.1951
4	15:48:20	1397.2000	0.6556	3.1638	42.5270	43.4110	62.3250	6.2809	8.0817
5	15:49:02	1444.0000	0.6248	3.4686	42.4070	42.7140	60.6050	5.8083	8.1258
x		1496.8000	0.6781	3.4761	43.4720	44.2810	62.5310	6.2610	8.6525
%RSD		6.2941	6.1447	5.2208	2.1205	2.7753	1.9402	8.0605	5.9576

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:46:14	11.8000	1.1805	88.20%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:46:56	12.3300	1.4424	87.09%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:47:38	14.0770	-0.0666	87.61%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:48:20	12.6410	1.0800	88.58%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:49:02	11.3220	0.9771	88.59%	0.0000	0.0000	0.0000	0.0000	0.0000
x		12.4340	0.9227	88.01%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		8.4270	62.7970	0.74	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:46:14	82.33%	0.0082	2.0130	-0.0010	0.0214	0.0503	0.0000	0.0000
2	15:46:56	82.86%	-0.0018	0.2323	-0.0058	0.0293	0.0406	0.0000	0.0000
3	15:47:38	82.58%	0.0048	1.8855	-0.0038	-0.0420	0.0332	0.0000	0.0000
4	15:48:20	83.37%	-0.0013	2.5389	-0.0019	-0.0338	0.0550	0.0000	0.0000
5	15:49:02	83.92%	-0.0040	1.8631	0.0046	0.0020	0.0379	0.0000	0.0000
x		83.01%	0.0012	1.7066	-0.0016	-0.0046	0.0434	0.0000	0.0000
%RSD		0.77	425.7900	50.8880	249.2200	694.9400	20.7960	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:46:14	0.0812	44.4790	42.0770	90.93%	-0.0863	-0.0833	2.7919	2.9382
2	15:46:56	0.0806	42.2150	41.1100	91.64%	-0.0885	-0.0829	2.5721	2.7486
3	15:47:38	0.0808	40.8700	40.0230	91.60%	-0.0868	-0.0839	2.6133	2.8843
4	15:48:20	0.0962	42.9660	40.7760	93.21%	-0.0829	-0.0919	2.6682	2.7498
5	15:49:02	0.1037	42.0910	41.1950	93.72%	-0.0926	-0.0785	2.5955	2.7164
x		0.0885	42.5240	41.0360	92.22%	-0.0874	-0.0841	2.6482	2.8074
%RSD		12.1780	3.1183	1.8103	1.28	4.0617	5.7777	3.3156	3.4753

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	15:46:14	2.7785	84.13%	-0.1385
2	15:46:56	2.7127	84.49%	-0.1385
3	15:47:38	2.6709	85.78%	-0.1385
4	15:48:20	2.6270	86.03%	-0.1385
5	15:49:02	2.6229	87.60%	-0.1385
x		2.6824	85.61%	-0.1385
%RSD		2.4228	1.61	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:50:32	91.46%	0.0034	101.4900	22.7470	24.1540	23.6260	19.3680	1.3623
2	15:51:14	T 107.28%	0.0127	61.4990	13.5160	12.5750	13.1420	19.5170	-0.0790
3	15:51:56	92.42%	-0.0112	40.0090	8.4984	8.2666	8.8057	19.2020	-0.3454
4	15:52:38	92.60%	-0.0091	30.6190	6.0679	6.4301	5.7525	20.3150	-0.9747
5	15:53:21	92.37%	-0.0019	22.2830	4.2392	4.4697	3.4860	20.0940	-0.2022
x		T 95.23%	-0.0012	51.1800	11.0140	11.1790	10.9630	19.6990	-0.0478
%RSD		T 7.09	794.9400	61.9430	67.4310	70.1990	72.5200	2.4420	1800.5000

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:50:32	103.1900	95.72%	0.0085	-0.8963	0.1682	3.8117	-0.0018	2.8639
2	15:51:14	62.8110	95.09%	-0.0010	-0.1886	0.1718	4.5775	0.0157	3.2949
3	15:51:56	38.3910	96.31%	0.0045	-0.3614	0.1351	4.9478	0.0045	2.6752
4	15:52:38	21.5180	94.75%	0.0068	-0.3106	0.1496	5.9437	0.0099	2.6805
5	15:53:21	13.9990	95.26%	-0.0049	-0.4053	0.1690	3.5766	0.0098	3.1060
x		47.9820	95.43%	0.0028	-0.4324	0.1588	4.5715	0.0076	2.9241
%RSD		75.2530	0.64	199.3600	62.8230	9.9905	20.7290	86.3430	9.2950

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:50:32	-2.7946	-0.0087	-0.0097	0.0071	0.0829	0.6938	0.0077	-0.8719
2	15:51:14	-1.5043	-0.0134	-0.0131	-0.0125	-0.0104	0.6927	-0.3438	-1.2944
3	15:51:56	-1.7099	-0.0095	0.0248	0.0084	0.0812	0.5491	-0.0678	-1.0276
4	15:52:38	-2.8830	-0.0110	0.0114	0.0040	-0.0115	0.6439	-0.0440	-1.2578
5	15:53:21	-2.6369	-0.0095	-0.0096	-0.0917	0.0385	0.6132	-0.0416	-0.8201
x		-2.3057	-0.0104	0.0008	-0.0169	0.0361	0.6385	-0.0979	-1.0543
%RSD		28.1010	17.7290	2183.5000	251.8400	128.8100	9.4825	143.1800	20.5590

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:50:32	-0.1401	1.2685	96.41%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:51:14	-0.0803	1.8896	95.92%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:51:56	0.2420	0.4224	96.53%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:52:38	0.0814	-0.5890	97.06%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:53:21	0.0819	-0.1328	96.02%	0.0000	0.0000	0.0000	0.0000	0.0000
x		0.0370	0.5717	96.39%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		408.3500	176.8300	0.47	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:50:32	94.94%	-0.0133	2.5166	-0.0098	-0.0426	-0.0056	0.0000	0.0000
2	15:51:14	96.00%	-0.0133	2.4769	-0.0128	-0.0419	0.0169	0.0000	0.0000
3	15:51:56	96.47%	-0.0105	3.5138	-0.0146	-0.0743	0.0035	0.0000	0.0000
4	15:52:38	96.89%	-0.0106	2.5059	-0.0163	-0.0395	0.0146	0.0000	0.0000
5	15:53:21	96.35%	-0.0139	1.9689	-0.0134	-0.0226	0.0038	0.0000	0.0000
x		96.13%	-0.0123	2.5964	-0.0134	-0.0442	0.0066	0.0000	0.0000
%RSD		0.77	13.2800	21.6530	18.0840	42.3310	137.7900	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:50:32	0.0025	-0.0173	0.0081	99.86%	-0.0985	-0.0954	-0.0192	-0.0055
2	15:51:14	-0.0031	-0.0076	0.0131	101.51%	-0.0953	-0.0940	-0.0053	-0.0108
3	15:51:56	-0.0085	0.0023	0.0132	100.47%	-0.0963	-0.0887	-0.0065	0.0026
4	15:52:38	0.0114	0.0024	0.0025	99.48%	-0.0980	-0.0962	-0.0007	-0.0173
5	15:53:21	-0.0031	-0.0272	0.0187	100.37%	-0.0900	-0.0930	-0.0080	0.0026
x		-0.0001	-0.0095	0.0111	100.34%	-0.0956	-0.0935	-0.0079	-0.0057
%RSD		5862.2000	134.9800	55.0750	0.76	3.5529	3.1246	86.4630	152.2600

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	15:50:32	-0.0096	100.01%	-0.1385
2	15:51:14	-0.0106	101.52%	-0.1385
3	15:51:56	-0.0101	100.89%	-0.1385
4	15:52:38	-0.0089	100.40%	-0.1385
5	15:53:21	-0.0112	101.04%	-0.1385
x		-0.0101	100.77%	-0.1385
%RSD		8.7890	0.58	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:54:51	85.07%	↑2342.8000	↑47770.0000	↑47777.0000	↑48263.0000	↑48111.0000	↑49467.0000	↑47222.0000
2	15:55:33	87.65%	↑2371.5000	↑47319.0000	↑46999.0000	↑47584.0000	↑47969.0000	↑49274.0000	↑46889.0000
3	15:56:15	88.27%	↑2416.1000	↑46856.0000	↑46950.0000	↑47530.0000	↑47451.0000	↑48004.0000	↑46472.0000
4	15:56:57	90.57%	↑2493.1000	↑48681.0000	↑47705.0000	↑47353.0000	↑47569.0000	↑50075.0000	↑47635.0000
5	15:57:40	92.04%	↑2454.2000	↑47504.0000	↑47579.0000	↑47516.0000	↑48237.0000	↑48929.0000	↑46985.0000
x		88.72%	↑2415.5000	↑47626.0000	↑47402.0000	↑47649.0000	↑47867.0000	↑49150.0000	↑47041.0000
%RSD		3.04	↑2.5128	↑1.4229	↑0.8380	↑0.7422	↑0.7156	↑1.5537	↑0.9115

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:54:51	↑48211.0000	89.45%	0.0392	↑2436.9000	↑2376.8000	↑49313.0000	↑2410.1000	↑48114.0000
2	15:55:33	43408.0000	90.64%	0.0222	↑2433.9000	↑2411.0000	↑49353.0000	↑2397.9000	↑48422.0000
3	15:56:15	42689.0000	92.80%	0.0292	↑2425.2000	↑2364.5000	↑48989.0000	↑2380.0000	↑47870.0000
4	15:56:57	43818.0000	92.96%	0.0351	↑2465.1000	↑2428.9000	↑49310.0000	↑2399.4000	↑49230.0000
5	15:57:40	43125.0000	94.70%	0.0400	↑2520.5000	↑2407.6000	↑49918.0000	↑2395.2000	↑48472.0000
x		↑44250.0000	92.11%	0.0332	↑2456.3000	↑2397.8000	↑49377.0000	↑2396.5000	↑48422.0000
%RSD		↑5.0893	2.25	22.4740	↑1.5823	↑1.1018	↑0.6811	↑0.4519	↑1.0611

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:54:51	47495.0000	↑2424.3000	2279.3000	↑2358.8000	2333.4000	2332.3000	2319.8000	229.3600
2	15:55:33	↑48126.0000	↑2417.4000	2310.6000	↑2309.4000	↑2336.1000	2300.0000	2302.3000	227.6800
3	15:56:15	47208.0000	↑2362.5000	2257.9000	↑2274.6000	2258.2000	2296.1000	2300.1000	226.8300
4	15:56:57	↑49514.0000	↑2423.9000	2339.7000	↑2343.4000	2339.9000	2317.0000	2336.6000	230.8200
5	15:57:40	↑49149.0000	↑2403.5000	2366.1000	↑2377.2000	2356.7000	2333.9000	2341.2000	234.3400
x		↑48298.0000	↑2406.3000	2310.7000	↑2332.7000	↑2324.9000	2315.9000	2320.0000	229.8100
%RSD		↑2.0872	↑1.0756	1.8962	↑1.7539	↑1.6495	0.7600	0.8157	1.2893

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:54:51	233.0600	-0.0474	87.17%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:55:33	230.3400	1.8055	88.20%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:56:15	231.9200	0.1669	89.76%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:56:57	234.4200	1.0555	89.82%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:57:40	232.8300	-0.1019	89.50%	0.0000	0.0000	0.0000	0.0000	0.0000
x		232.5200	0.5757	88.89%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		0.6494	144.2000	1.31	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:54:51	86.83%	230.0900	-11.3940	231.8100	2327.3000	2430.8000	0.0000	0.0000
2	15:55:33	88.45%	228.5300	-3.9577	227.5300	2292.6000	2376.9000	0.0000	0.0000
3	15:56:15	89.04%	229.8800	-8.5754	229.3600	2290.8000	2390.8000	0.0000	0.0000
4	15:56:57	89.23%	231.5600	-4.5080	231.9900	2307.1000	2399.3000	0.0000	0.0000
5	15:57:40	89.23%	233.6300	-6.4118	232.6900	2334.9000	2433.4000	0.0000	0.0000
x		88.55%	230.7400	-6.9694	230.6800	2310.5000	2406.3000	0.0000	0.0000
%RSD		1.15	0.8417	43.9900	0.9377	0.8649	1.0352	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:54:51	↑2489.6000	2386.4000	2348.5000	88.28%	↑2493.8000	↑2503.2000	↑2508.3000	↑2511.8000
2	15:55:33	↑2444.7000	2346.1000	2326.8000	89.09%	↑2448.0000	↑2469.8000	↑2460.6000	↑2485.3000
3	15:56:15	↑2446.0000	2359.7000	2314.9000	88.79%	↑2478.8000	↑2478.5000	↑2480.4000	↑2492.3000
4	15:56:57	↑2479.9000	2393.8000	2360.3000	87.85%	↑2485.9000	↑2489.7000	↑2500.2000	↑2498.2000
5	15:57:40	2417.5000	2406.5000	2364.3000	88.48%	↑2493.6000	↑2501.5000	↑2496.3000	↑2498.0000
x		↑2455.5000	2378.5000	2342.9000	88.50%	↑2480.0000	↑2488.6000	↑2489.1000	↑2497.1000
%RSD		↑1.1890	1.0476	0.9139	0.54	↑0.7645	↑0.5801	↑0.7613	↑0.3895

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	15:54:51	↑2493.7000	86.05%	-0.1385
2	15:55:33	↑2467.2000	86.55%	-0.1385
3	15:56:15	↑2471.0000	85.79%	0.6619
4	15:56:57	↑2487.5000	85.76%	0.6623
5	15:57:40	↑2484.0000	85.46%	-0.1385
x		↑2480.7000	85.92%	0.1817
%RSD		↑0.4523	0.48	241.2800

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:59:11	T 114.58%	1.6353	34.0460	29.2540	28.8680	29.2360	30.2740	33.0280
2	15:59:53	T 116.79%	1.1123	27.5550	21.6180	20.3940	22.0330	22.1680	24.2960
3	16:00:35	T 118.35%	0.6874	21.3830	13.8370	12.6400	12.5860	14.0960	17.1620
4	16:01:18	T 116.59%	0.3681	14.8090	6.7523	6.2849	6.1851	6.1329	10.7680
5	16:02:00	T 116.88%	0.1615	10.9030	3.0537	3.1536	3.0859	2.8075	4.6543
X		T 116.64%	0.7929	21.7390	14.9030	14.2680	14.6250	15.0960	17.9820
%RSD		T 1.15	74.6640	43.0810	71.8800	73.5570	74.6590	75.0000	61.9650

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:59:11	20.9490	98.69%	0.0059	1.4179	1.4924	30.1910	1.4251	29.9800
2	15:59:53	14.7830	101.30%	-0.0057	1.0040	1.1048	20.5140	1.0350	23.8250
3	16:00:35	7.4434	102.18%	-0.0004	0.6503	0.6917	15.4550	0.6643	16.8480
4	16:01:18	1.4621	102.43%	0.0086	0.3226	0.3360	5.2569	0.2887	9.9483
5	16:02:00	-3.2769	104.49%	0.0116	0.1283	0.1560	3.4537	0.1396	4.7453
X		8.2720	101.82%	0.0040	0.7046	0.7562	14.9740	0.7105	17.0690
%RSD		118.3700	2.07	174.1200	73.7240	72.5740	73.8860	74.5390	59.6700

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:59:11	26.8740	1.4400	1.4418	1.7408	1.8372	1.6224	1.5125	0.0592
2	15:59:53	22.8850	1.1142	1.0745	1.4607	1.1929	0.9751	1.0443	-0.3000
3	16:00:35	12.9560	0.6775	0.6746	0.8574	0.8149	0.7693	0.6602	-0.2430
4	16:01:18	6.6839	0.2899	0.2495	0.4853	0.3662	0.3493	0.3638	0.1790
5	16:02:00	3.2938	0.1494	0.1207	0.2817	0.2043	0.0686	0.2899	-0.2112
X		14.5390	0.7342	0.7122	0.9652	0.8831	0.7569	0.7742	-0.1032
%RSD		69.8470	74.1380	77.8320	64.6280	74.6600	79.1800	65.6740	203.2600

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:59:11	0.2198	-1.1207	97.40%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:59:53	-0.0772	-0.3586	98.59%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:00:35	0.0398	-0.0897	99.82%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:01:18	0.1177	-0.3918	99.27%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:02:00	0.5883	-0.8201	101.96%	0.0000	0.0000	0.0000	0.0000	0.0000
X		0.1777	-0.5562	99.41%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		142.9100	73.6920	1.70	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:59:11	97.09%	0.1637	0.2766	0.1578	1.3240	1.4294	0.0000	0.0000
2	15:59:53	98.70%	0.1469	1.5296	0.1303	1.0360	1.1001	0.0000	0.0000
3	16:00:35	100.97%	0.0814	0.4150	0.0868	0.5565	0.6416	0.0000	0.0000
4	16:01:18	100.48%	0.0659	-0.0140	0.0494	0.2681	0.3368	0.0000	0.0000
5	16:02:00	100.37%	0.0338	1.2243	0.0286	0.1250	0.1799	0.0000	0.0000
X		99.52%	0.0983	0.6863	0.0906	0.6619	0.7376	0.0000	0.0000
%RSD		1.61	55.9980	95.8900	59.5640	76.7720	70.8060	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:59:11	1.4063	1.3173	1.5571	96.16%	1.4161	1.3266	1.4548	1.4868
2	15:59:53	1.0679	1.0613	1.1196	97.30%	0.9874	0.9562	1.1420	1.0847
3	16:00:35	0.6391	0.6060	0.6817	98.33%	0.6283	0.6147	0.6692	0.7254
4	16:01:18	0.3167	0.4280	0.3182	99.69%	0.3129	0.2974	0.3551	0.2598
5	16:02:00	0.2016	0.1563	0.1943	100.29%	0.1477	0.1359	0.1613	0.1998
X		0.7263	0.7138	0.7742	98.36%	0.6985	0.6661	0.7565	0.7513
%RSD		69.8580	66.0500	73.2100	1.72	73.5390	72.7780	71.1670	72.8560

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	15:59:11	1.4819	96.22%	-0.1385
2	15:59:53	1.1324	97.77%	-0.1385
3	16:00:35	0.6856	98.44%	-0.1385
4	16:01:18	0.3221	100.05%	0.5479
5	16:02:00	0.1692	101.36%	-0.1385
X		0.7582	98.77%	-0.0012
%RSD		72.4240	2.02	24954.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:03:31	83.15%	0.0603	TM 223090.0000	T 55085.0000	T 56031.0000	T 55575.0000	1.3315	T 7747.2000
2	16:04:13	79.29%	0.0615	TM 222000.0000	T 54329.0000	T 55208.0000	T 55409.0000	1.1473	T 7788.1000
3	16:04:55	79.71%	0.0496	TM 220630.0000	T 53914.0000	T 54738.0000	T 55139.0000	0.9980	T 7601.3000
4	16:05:37	82.00%	0.0389	TM 228480.0000	T 55412.0000	T 55939.0000	T 56263.0000	0.7740	T 7709.2000
5	16:06:19	82.06%	0.0495	TM 229950.0000	T 56797.0000	T 56632.0000	T 57300.0000	0.8917	T 7813.7000
x		81.24%	0.0519	TM 224830.0000	T 55107.0000	T 55710.0000	T 55937.0000	1.0285	T 7731.9000
%RSD		2.05	17.8330	TM 1.8362	T 2.0247	T 1.3317	T 1.5512	21.2120	T 1.0757

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:03:31	TM 234480.0000	88.88%	0.3707	28.0920	126.4800	58.1360	1.2668	4.6007
2	16:04:13	TM 238180.0000	87.67%	0.3320	25.9680	123.6700	59.2860	1.1726	2.1609
3	16:04:55	TM 232200.0000	87.77%	0.3339	26.7990	125.4600	57.7360	1.2445	1.1816
4	16:05:37	TM 237770.0000	86.25%	0.3698	27.5080	128.9600	61.9700	1.2784	2.0386
5	16:06:19	TM 239710.0000	85.55%	0.3447	26.4510	128.8600	60.7870	1.1957	1.5317
x		TM 236470.0000	87.22%	0.3502	26.9640	126.6900	59.5830	1.2316	2.3027
%RSD		TM 1.2906	1.51	5.3991	3.1313	1.7891	2.9953	3.7118	58.3530

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:03:31	1825.4000	0.6921	3.1120	1.1436	1.4264	1.5332	7.2842	12.9140
2	16:04:13	1619.8000	0.6390	3.3119	1.1438	1.3107	1.4348	7.4304	13.2990
3	16:04:55	1588.3000	0.6278	2.9258	0.9971	1.3042	1.2524	6.9765	12.7380
4	16:05:37	1606.4000	0.6529	3.1121	1.0188	1.1773	1.3322	6.7859	12.3980
5	16:06:19	1741.2000	0.6961	3.2099	1.0264	1.3352	1.4930	7.1541	12.4990
x		1676.2000	0.6616	3.1343	1.0659	1.3108	1.4091	7.1262	12.7700
%RSD		6.1325	4.6894	4.5597	6.7355	6.8048	8.2133	3.5536	2.8084

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:03:31	18.3530	0.2068	87.69%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:04:13	17.3740	-0.0834	86.25%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:04:55	18.5260	-0.4155	85.32%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:05:37	18.2410	-0.4703	84.66%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:06:19	18.2760	0.5072	85.99%	0.0000	0.0000	0.0000	0.0000	0.0000
x		18.1540	-0.0510	85.98%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		2.4762	812.5800	1.32	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:03:31	81.52%	0.0098	1.8770	0.0046	0.0234	0.0478	0.0000	0.0000
2	16:04:13	81.51%	0.0078	1.7689	-0.0029	0.0093	0.0292	0.0000	0.0000
3	16:04:55	80.87%	0.0007	2.7828	-0.0055	-0.0620	0.0398	0.0000	0.0000
4	16:05:37	79.73%	-0.0018	2.8287	-0.0075	-0.0176	0.0334	0.0000	0.0000
5	16:06:19	81.06%	-0.0034	1.1411	-0.0083	-0.0099	0.0326	0.0000	0.0000
x		80.94%	0.0026	2.0797	-0.0039	-0.0114	0.0365	0.0000	0.0000
%RSD		0.91	224.6400	34.6240	133.2900	286.5500	20.1560	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:03:31	0.0924	22.9290	21.2670	90.65%	0.8240	0.8091	0.0588	0.0829
2	16:04:13	0.0820	21.7590	21.7560	90.52%	0.3189	0.2936	0.0491	0.0415
3	16:04:55	0.0508	21.7210	21.8960	90.30%	0.1320	0.1425	0.0373	0.0818
4	16:05:37	0.0857	22.3360	22.1230	89.98%	0.0642	0.0688	0.0513	0.0318
5	16:06:19	0.0611	22.5310	21.2990	90.87%	0.0110	0.0200	0.0371	0.0433
x		0.0744	22.2550	21.6680	90.46%	0.2700	0.2668	0.0467	0.0563
%RSD		23.7060	2.3216	1.7325	0.38	122.5100	120.0500	20.1580	43.0300

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	16:03:31	0.0715	84.03%	-0.1385
2	16:04:13	0.0567	83.53%	-0.1385
3	16:04:55	0.0495	83.39%	-0.1385
4	16:05:37	0.0351	83.07%	-0.1385
5	16:06:19	0.0312	83.71%	1.5022
x		0.0488	83.55%	0.1896
%RSD		33.6630	0.43	386.9200

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:07:48	82.62%	0.0260	TM 230030.0000	T 55824.0000	T 56084.0000	T 56818.0000	1.8151	T 7872.9000
2	16:08:30	82.62%	0.0257	TM 232970.0000	T 56571.0000	T 56908.0000	T 57786.0000	1.7119	T 8019.2000
3	16:09:12	82.92%	0.0422	TM 238560.0000	T 58045.0000	T 57840.0000	T 57880.0000	1.8216	T 8075.6000
4	16:09:54	82.39%	0.0295	TM 235260.0000	T 57235.0000	T 57978.0000	T 57166.0000	1.6567	T 7990.4000
5	16:10:36	84.14%	0.0225	TM 233540.0000	T 57215.0000	T 56959.0000	T 56454.0000	1.6275	T 7858.7000
x		82.94%	0.0292	TM 234070.0000	T 56978.0000	T 57154.0000	T 57221.0000	1.7266	T 7963.4000
%RSD		0.84	26.3580	TM 1.3410	T 1.4579	T 1.3536	T 1.0731	5.1615	T 1.1846

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:07:48	TM 239180.0000	87.58%	0.2990	25.7950	13.0320	8.9435	0.0682	0.3844
2	16:08:30	TM 240450.0000	88.16%	0.3469	25.5930	12.8140	11.7210	0.0588	-0.3297
3	16:09:12	TM 245530.0000	87.09%	0.3153	25.7020	13.2800	11.4690	0.0345	1.5724
4	16:09:54	TM 243540.0000	88.31%	0.3669	25.7440	13.0160	10.6490	0.0670	0.3998
5	16:10:36	TM 240330.0000	90.22%	0.4163	26.0810	12.9210	12.0720	0.0600	0.7076
x		TM 241810.0000	88.27%	0.3489	25.7830	13.0130	10.9710	0.0577	0.5469
%RSD		TM 1.0901	1.35	13.2040	0.7072	1.3310	11.3810	23.6390	125.8200

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:07:48	1722.5000	0.6196	3.1556	9.7817	10.1990	15.5270	7.1919	13.0750
2	16:08:30	1779.1000	0.6862	3.4188	9.9417	10.3830	15.4860	7.6062	13.2350
3	16:09:12	1894.0000	0.6789	3.3763	10.1550	10.3230	16.3800	7.8271	13.2800
4	16:09:54	1728.8000	0.6608	3.2499	10.3500	10.6120	15.4290	8.1901	13.0410
5	16:10:36	1851.6000	0.6955	3.1031	10.3360	9.9445	16.1810	7.4365	12.6750
x		1795.2000	0.6682	3.2607	10.1130	10.2920	15.8010	7.6503	13.0610
%RSD		4.2142	4.4933	4.1812	2.4581	2.3869	2.8168	4.9790	1.8280

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:07:48	18.7340	-0.7706	84.84%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:08:30	19.2500	0.2881	86.19%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:09:12	19.1260	0.1208	85.98%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:09:54	21.2890	-1.3293	87.14%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:10:36	19.8260	-0.0512	87.13%	0.0000	0.0000	0.0000	0.0000	0.0000
x		19.6450	-0.3484	86.26%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		5.0837	195.3900	1.11	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:07:48	80.25%	-0.0026	1.6631	-0.0054	-0.0232	0.0158	0.0000	0.0000
2	16:08:30	79.75%	-0.0004	1.7435	-0.0047	-0.0258	0.0314	0.0000	0.0000
3	16:09:12	81.83%	0.0018	1.4947	-0.0125	-0.0352	0.0147	0.0000	0.0000
4	16:09:54	81.39%	-0.0075	1.8242	-0.0159	-0.0653	0.0123	0.0000	0.0000
5	16:10:36	80.94%	0.0053	1.2662	-0.0104	-0.0449	0.0314	0.0000	0.0000
x		80.83%	-0.0007	1.5983	-0.0098	-0.0389	0.0211	0.0000	0.0000
%RSD		1.04	715.2500	13.8950	48.6680	43.9400	44.8180	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:07:48	0.0598	21.8150	20.2020	89.30%	-0.0129	-0.0097	0.4349	0.4664
2	16:08:30	0.0516	23.0400	21.7900	88.98%	-0.0339	-0.0287	0.3994	0.4125
3	16:09:12	0.0694	21.4360	21.3950	89.35%	-0.0451	-0.0282	0.4565	0.4384
4	16:09:54	0.0400	22.5080	21.0340	89.83%	-0.0453	-0.0446	0.4863	0.4554
5	16:10:36	0.0740	21.7310	21.3960	90.49%	-0.0472	-0.0534	0.4342	0.4743
x		0.0590	22.1060	21.1630	89.59%	-0.0369	-0.0329	0.4423	0.4494
%RSD		23.1700	2.9547	2.8360	0.65	38.9720	51.2730	7.2355	5.4856

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	16:07:48	0.4427	81.15%	-0.1385
2	16:08:30	0.4361	81.61%	-0.1385
3	16:09:12	0.4459	81.36%	-0.1385
4	16:09:54	0.4620	81.61%	-0.1385
5	16:10:36	0.4458	82.20%	-0.1385
x		0.4465	81.58%	-0.1385
%RSD		2.1375	0.48	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:12:05	83.07%	0.0294	TM 245260.0000	T 58873.0000	T 58640.0000	T 58748.0000	0.1867	T 8232.8000
2	16:12:47	81.22%	0.0277	TM 253410.0000	T 59896.0000	T 59017.0000	T 60034.0000	0.1880	T 8398.2000
3	16:13:29	79.98%	0.0236	TM 248630.0000	T 58909.0000	T 59551.0000	T 59253.0000	0.1264	T 8172.6000
4	16:14:11	81.81%	0.0287	TM 242300.0000	T 57962.0000	T 58129.0000	T 58307.0000	-0.0175	T 7910.6000
5	16:14:53	83.30%	0.0238	TM 241590.0000	T 57589.0000	T 57503.0000	T 58489.0000	0.2015	T 8076.7000
X		81.88%	0.0266	TM 246240.0000	T 58646.0000	T 58568.0000	T 58966.0000	0.1370	T 8158.2000
%RSD		1.67	10.3730	TM 1.9815	T 1.5414	T 1.3499	T 1.1791	66.4960	T 2.2209

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:12:05	TM 243100.0000	88.42%	0.3791	-0.1986	1.3516	8.3685	0.1972	3.3638
2	16:12:47	TM 250310.0000	88.10%	0.3804	-0.2095	1.4345	8.2566	0.1805	4.6421
3	16:13:29	TM 242170.0000	88.30%	0.3525	0.2355	1.3191	9.8073	0.2029	2.8073
4	16:14:11	TM 243480.0000	89.52%	0.3681	-0.0635	1.3209	7.9359	0.1776	2.3439
5	16:14:53	TM 239480.0000	88.04%	0.3032	0.1517	1.3202	5.6420	0.1752	2.5834
X		TM 243710.0000	88.48%	0.3567	-0.0169	1.3493	8.0021	0.1867	3.1481
%RSD		TM 1.6454	0.68	8.9561	1200.2000	3.6727	18.7780	6.7019	29.1140

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:12:05	1813.0000	0.8861	4.5617	9.2114	9.7451	93.7590	7.3495	13.8240
2	16:12:47	1871.5000	0.9267	4.3844	9.4966	10.0170	97.5580	7.5311	13.4820
3	16:13:29	1710.0000	0.9058	4.3830	9.1514	9.6015	93.9010	7.0016	12.8830
4	16:14:11	1629.1000	0.8287	4.1378	9.0057	9.1701	93.0220	7.3615	12.9350
5	16:14:53	1760.8000	0.8619	4.2145	8.9425	9.6581	92.9350	7.3539	12.6830
X		1756.9000	0.8818	4.3363	9.1615	9.6384	94.2350	7.3195	13.1610
%RSD		5.3116	4.3252	3.8160	2.3608	3.1806	2.0235	2.6432	3.6047

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:12:05	20.4300	-0.1844	86.30%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:12:47	20.0080	0.2692	86.57%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:13:29	18.9170	0.4690	86.27%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:14:11	18.0020	0.5103	87.05%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:14:53	19.5040	-0.1654	87.94%	0.0000	0.0000	0.0000	0.0000	0.0000
X		19.3720	0.1798	86.83%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		4.9132	187.1500	0.80	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:12:05	81.32%	0.0046	2.2991	-0.0118	-0.0008	0.0148	0.0000	0.0000
2	16:12:47	81.34%	-0.0048	1.2485	-0.0035	0.0031	0.0353	0.0000	0.0000
3	16:13:29	80.89%	-0.0007	2.3289	-0.0111	-0.0502	0.0322	0.0000	0.0000
4	16:14:11	82.75%	-0.0090	2.4870	-0.0018	-0.0664	0.0143	0.0000	0.0000
5	16:14:53	82.85%	-0.0057	3.2539	-0.0112	-0.0899	0.0315	0.0000	0.0000
X		81.83%	-0.0031	2.3235	-0.0079	-0.0408	0.0256	0.0000	0.0000
%RSD		1.11	167.1700	30.8020	61.1760	100.1500	39.7610	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:12:05	0.0593	23.3410	22.8640	89.03%	-0.0400	-0.0547	4.1811	4.3041
2	16:12:47	0.0592	24.2350	23.0200	89.10%	-0.0593	-0.0610	4.4241	4.5696
3	16:13:29	0.0635	25.1050	23.0360	90.26%	-0.0643	-0.0595	4.1403	4.4093
4	16:14:11	0.0744	23.5360	22.3270	91.71%	-0.0678	-0.0680	4.2728	4.3045
5	16:14:53	0.0597	22.6460	22.3590	92.48%	-0.0580	-0.0683	4.1647	4.2859
X		0.0632	23.7730	22.7210	90.51%	-0.0579	-0.0623	4.2366	4.3747
%RSD		10.3040	3.9352	1.5498	1.71	18.5910	9.3269	2.7429	2.7284

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	16:12:05	4.2128	82.12%	-0.1385
2	16:12:47	4.4300	81.43%	-0.1385
3	16:13:29	4.2996	82.76%	-0.1385
4	16:14:11	4.2537	84.18%	-0.1385
5	16:14:53	4.1665	84.90%	-0.1385
X		4.2725	83.08%	-0.1385
%RSD		2.3603	1.73	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:16:22	87.73%	0.0202	TM 245630.0000	T 58843.0000	T 58019.0000	T 58539.0000	0.4308	T 8035.4000
2	16:17:04	86.72%	0.0261	TM 241660.0000	T 57258.0000	T 57585.0000	T 57770.0000	0.2822	T 7970.3000
3	16:17:46	90.02%	0.0132	TM 239500.0000	T 56628.0000	T 56637.0000	T 56578.0000	0.2472	T 7930.7000
4	16:18:28	89.20%	0.0089	TM 246320.0000	T 58328.0000	T 58360.0000	T 59228.0000	0.3884	T 8192.3000
5	16:19:10	90.30%	0.0029	TM 244620.0000	T 58522.0000	T 58690.0000	T 58221.0000	0.3757	T 8239.5000
X		88.79%	0.0143	TM 243550.0000	T 57916.0000	T 57858.0000	T 58067.0000	0.3448	T 8073.6000
%RSD		1.72	64.0730	TM 1.1808	T 1.6120	T 1.3763	T 1.7002	22.3180	T 1.6865

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:16:22	TM 238460.0000	94.70%	0.3528	-0.6082	0.5799	4.2317	0.1174	1.1169
2	16:17:04	TM 238680.0000	97.09%	0.3765	-0.2788	0.6219	5.2933	0.1011	4.6317
3	16:17:46	TM 236200.0000	98.09%	0.3553	-0.1849	0.6354	2.6171	0.0861	5.2693
4	16:18:28	TM 240120.0000	95.44%	0.3480	-0.9755	0.6481	4.9564	0.1176	4.4546
5	16:19:10	TM 239730.0000	97.25%	0.3603	-0.2049	0.6774	7.2314	0.0947	4.6140
X		TM 238640.0000	96.51%	0.3586	-0.4505	0.6325	4.8660	0.1034	4.0173
%RSD		TM 0.6422	1.45	3.0495	75.3540	5.6737	34.4590	13.5020	41.0990

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:16:22	1646.0000	0.4552	3.4292	12.8860	13.3990	40.2390	-0.0580	0.2246
2	16:17:04	1774.5000	0.5114	3.3736	13.4210	14.1980	40.4060	-0.1974	0.2822
3	16:17:46	1784.6000	0.5563	3.3031	13.1830	13.8040	39.4030	0.1529	-0.2915
4	16:18:28	1788.4000	0.5001	3.7591	13.7710	13.0550	40.3850	-0.0643	0.2620
5	16:19:10	1845.0000	0.4735	3.4954	13.5040	13.8850	39.1510	0.0203	0.1655
X		1767.7000	0.4993	3.4721	13.3530	13.6680	39.9170	-0.0293	0.1286
%RSD		4.1515	7.7600	5.0516	2.5092	3.2603	1.4890	438.3500	185.8600

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:16:22	-0.0202	1.0914	92.05%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:17:04	-0.1246	0.1292	91.78%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:17:46	0.1656	-0.3894	93.62%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:18:28	0.1880	-0.8669	93.04%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:19:10	0.1455	-0.2035	93.39%	0.0000	0.0000	0.0000	0.0000	0.0000
X		0.0709	-0.0478	92.78%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		192.9000	1529.4000	0.88	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:16:22	87.45%	-0.0040	1.7118	-0.0078	-0.0106	0.0550	0.0000	0.0000
2	16:17:04	87.93%	-0.0072	1.5814	-0.0110	-0.0073	0.0334	0.0000	0.0000
3	16:17:46	87.53%	0.0022	2.4209	-0.0071	-0.0553	0.0326	0.0000	0.0000
4	16:18:28	88.26%	-0.0023	2.2807	-0.0129	-0.0171	0.0234	0.0000	0.0000
5	16:19:10	87.51%	-0.0046	0.9485	-0.0103	0.0028	0.0536	0.0000	0.0000
X		87.74%	-0.0032	1.7887	-0.0098	-0.0175	0.0396	0.0000	0.0000
%RSD		0.40	110.1300	33.0350	24.2910	127.6100	35.3550	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:16:22	0.0747	23.4930	23.2570	93.97%	-0.0669	-0.0597	1.8781	1.8013
2	16:17:04	0.0762	24.3870	23.7090	94.44%	-0.0715	-0.0693	1.7572	1.7851
3	16:17:46	0.0684	23.7330	23.2740	94.92%	-0.0685	-0.0695	1.6853	1.9149
4	16:18:28	0.0719	24.0310	23.7660	94.95%	-0.0712	-0.0644	1.7837	1.7490
5	16:19:10	0.0668	24.0020	22.8140	93.86%	-0.0710	-0.0710	1.7373	1.8244
X		0.0716	23.9290	23.3640	94.43%	-0.0698	-0.0668	1.7683	1.8149
%RSD		5.5960	1.4075	1.6606	0.54	2.8936	7.0133	4.0245	3.4322

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	16:16:22	1.8319	86.19%	-0.1385
2	16:17:04	1.7593	87.46%	-0.1385
3	16:17:46	1.7795	86.65%	-0.1385
4	16:18:28	1.7666	86.74%	-0.1385
5	16:19:10	1.7923	86.40%	-0.1385
X		1.7859	86.69%	-0.1385
%RSD		1.6032	0.55	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:20:39	85.10%	0.0299	TM 242670.0000	T 58126.0000	T 58468.0000	T 58648.0000	0.0884	T 7831.1000
2	16:21:21	84.53%	0.0261	TM 242600.0000	T 57445.0000	T 56913.0000	T 57167.0000	0.0523	T 8005.7000
3	16:22:03	84.44%	0.0434	TM 246050.0000	T 57216.0000	T 57868.0000	T 57760.0000	-0.0461	T 8039.9000
4	16:22:45	82.98%	0.0242	TM 241740.0000	T 57434.0000	T 57981.0000	T 58320.0000	-0.0421	T 8030.0000
5	16:23:27	84.56%	0.0072	TM 245770.0000	T 57798.0000	T 58656.0000	T 58795.0000	0.0764	T 8106.3000
x		84.32%	0.0261	TM 243770.0000	T 57604.0000	T 57977.0000	T 58138.0000	0.0258	T 8002.6000
%RSD		0.94	49.6320	TM 0.8180	T 0.6231	T 1.1720	T 1.1570	252.3400	T 1.2849

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:20:39	TM 237730.0000	90.77%	0.3527	-0.9550	1.2099	5.3965	0.2667	4.9552
2	16:21:21	TM 240180.0000	90.72%	0.3591	-0.3362	1.2785	4.5390	0.3097	1.7739
3	16:22:03	TM 240910.0000	90.57%	0.3575	-0.0618	1.1953	3.6507	0.2549	-0.1945
4	16:22:45	TM 241880.0000	90.70%	0.3347	-0.7837	1.2661	6.4808	0.2912	0.5412
5	16:23:27	TM 241880.0000	90.17%	0.3531	-0.3734	1.3548	6.2191	0.2722	0.9451
x		TM 240520.0000	90.59%	0.3514	-0.5020	1.2609	5.2572	0.2789	1.6042
%RSD		TM 0.7123	0.27	2.7722	71.9850	5.0261	22.3830	7.7447	124.9000

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:20:39	1830.7000	0.8857	4.3798	25.2770	26.1160	99.0170	6.7444	13.0180
2	16:21:21	1714.0000	0.8871	4.4241	24.9340	25.8570	99.6720	7.3175	12.6080
3	16:22:03	1867.0000	0.8673	4.3647	25.4120	25.0980	98.0280	7.2013	12.5810
4	16:22:45	1907.5000	0.9302	4.1841	24.9030	25.7320	100.7000	7.4731	12.7570
5	16:23:27	1880.3000	0.8803	4.2222	25.7430	26.1430	99.1200	7.3713	12.5380
x		1839.9000	0.8901	4.3150	25.2540	25.7890	99.3080	7.2215	12.7010
%RSD		4.1086	2.6658	2.4392	1.3863	1.6431	0.9858	3.9348	1.5408

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:20:39	16.8980	0.9884	88.16%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:21:21	19.2560	-0.1795	87.84%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:22:03	18.5180	0.7994	88.32%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:22:45	18.4050	-0.9229	88.19%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:23:27	19.3540	-0.7303	88.00%	0.0000	0.0000	0.0000	0.0000	0.0000
x		18.4860	-0.0090	88.10%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		5.3255	9677.9000	0.21	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:20:39	82.69%	-0.0031	1.2736	-0.0132	-0.0137	0.0409	0.0000	0.0000
2	16:21:21	81.64%	-0.0015	1.8253	-0.0125	-0.0150	0.0494	0.0000	0.0000
3	16:22:03	83.16%	-0.0058	0.6769	-0.0126	-0.0233	0.0331	0.0000	0.0000
4	16:22:45	82.65%	-0.0037	1.1366	-0.0132	0.0129	0.0209	0.0000	0.0000
5	16:23:27	82.28%	-0.0043	1.9868	-0.0132	-0.0285	0.0466	0.0000	0.0000
x		82.49%	-0.0037	1.3798	-0.0130	-0.0135	0.0382	0.0000	0.0000
%RSD		0.69	42.5680	38.5450	2.9267	118.1600	30.0940	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:20:39	0.0622	22.9390	22.8330	90.88%	-0.0749	-0.0750	6.9420	6.9998
2	16:21:21	0.0778	22.8630	22.3230	90.04%	-0.0741	-0.0795	6.8693	7.1346
3	16:22:03	0.0599	22.1370	22.3370	90.54%	-0.0859	-0.0729	6.9739	7.2368
4	16:22:45	0.0582	22.9210	22.0150	90.40%	-0.0712	-0.0757	6.8859	7.2748
5	16:23:27	0.0522	23.6220	22.7030	90.28%	-0.0724	-0.0827	6.9184	7.2955
x		0.0621	22.8960	22.4420	90.43%	-0.0757	-0.0772	6.9179	7.1883
%RSD		15.3910	2.2966	1.4572	0.34	7.7427	5.0899	0.6090	1.7001

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	16:20:39	6.9626	83.02%	-0.1385
2	16:21:21	7.0098	83.03%	-0.1385
3	16:22:03	7.0043	82.64%	-0.1385
4	16:22:45	7.0753	82.63%	-0.1385
5	16:23:27	7.1082	82.25%	-0.1385
x		7.0321	82.72%	-0.1385
%RSD		0.8340	0.39	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:24:56	88.96%	0.0326	TM 249740.0000	T 59283.0000	T 58455.0000	T 58877.0000	2.2177	T 8149.8000
2	16:25:38	91.89%	0.0205	TM 242770.0000	T 57407.0000	T 57893.0000	T 58385.0000	2.3769	T 8067.7000
3	16:26:20	89.96%	0.0216	TM 239510.0000	T 56794.0000	T 56666.0000	T 57800.0000	2.0932	T 7993.4000
4	16:27:02	87.53%	0.0404	TM 297210.0000	T 69540.0000	T 69402.0000	T 68939.0000	2.8445	T 9765.4000
5	16:27:44	87.79%	0.0091	TM 270520.0000	T 63892.0000	T 63802.0000	T 64145.0000	2.5534	T 8946.9000
x		89.23%	0.0249	TM 259950.0000	T 61383.0000	T 61243.0000	T 61629.0000	2.4171	T 8584.6000
%RSD		1.99	48.4840	TM 9.2600	T 8.7012	T 8.6811	T 7.8039	12.1940	T 8.8930

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:24:56	TM 243020.0000	95.24%	0.3779	-0.6956	0.7069	10.9470	0.2560	7.7490
2	16:25:38	TM 240730.0000	97.66%	0.3794	-0.5318	0.7613	9.4511	0.2496	8.1398
3	16:26:20	TM 241540.0000	98.95%	0.3336	-0.7924	0.7302	10.5740	0.2540	6.4337
4	16:27:02	TM 285180.0000	91.92%	0.4925	-0.7499	0.8789	13.6730	0.3027	19.1150
5	16:27:44	TM 266080.0000	94.98%	0.4258	-0.3577	0.7408	9.5433	0.2869	11.8290
x		TM 255310.0000	95.75%	0.4018	-0.6255	0.7636	10.8380	0.2698	10.6530
%RSD		TM 7.7399	2.83	14.9960	28.6830	8.8219	15.7920	8.7362	48.2170

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:24:56	1886.9000	0.6056	4.5832	20.4230	20.6700	229.5500	0.1363	0.1365
2	16:25:38	1788.2000	0.6065	4.5218	20.5580	20.7500	227.6200	0.1236	-0.4162
3	16:26:20	1833.4000	0.5984	4.3490	20.2500	20.1120	224.9900	0.0103	-0.1427
4	16:27:02	2400.6000	0.6478	5.2862	23.9120	24.5850	263.0800	-0.3217	0.1767
5	16:27:44	2134.4000	0.6380	4.8857	22.7090	22.3580	248.0300	0.2814	0.4034
x		2008.7000	0.6192	4.7252	21.5700	21.6950	238.6600	0.0460	0.0316
%RSD		12.7790	3.5683	7.8019	7.6401	8.3853	6.8719	493.9000	1003.8000

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:24:56	0.5883	-0.3007	91.92%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:25:38	0.2669	0.6955	94.19%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:26:20	0.3285	-0.3250	94.00%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:27:02	-0.3261	1.5073	88.42%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:27:44	0.5754	-0.5894	90.46%	0.0000	0.0000	0.0000	0.0000	0.0000
x		0.2866	0.1976	91.80%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		129.6300	445.9300	2.66	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:24:56	87.07%	-0.0070	0.7983	-0.0083	-0.0022	0.0488	0.0000	0.0000
2	16:25:38	88.71%	0.0026	1.8199	-0.0111	-0.0358	0.0367	0.0000	0.0000
3	16:26:20	89.77%	-0.0001	0.9385	-0.0093	0.0087	0.0547	0.0000	0.0000
4	16:27:02	83.45%	0.0001	2.4936	-0.0099	-0.0380	0.0483	0.0000	0.0000
5	16:27:44	84.94%	-0.0009	0.9105	-0.0107	-0.0037	0.0292	0.0000	0.0000
x		86.79%	-0.0011	1.3922	-0.0099	-0.0142	0.0435	0.0000	0.0000
%RSD		3.01	329.4800	53.1110	11.1630	149.8200	23.8030	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:24:56	0.1012	24.7260	23.0110	92.70%	-0.0839	-0.0814	4.4576	4.7421
2	16:25:38	0.0973	23.4410	22.6060	94.10%	-0.0743	-0.0789	4.3156	4.4916
3	16:26:20	0.1001	23.3230	23.1580	94.90%	-0.0825	-0.0826	4.3539	4.6195
4	16:27:02	0.1108	28.1550	27.3030	87.33%	-0.0812	-0.0755	5.2032	5.4428
5	16:27:44	0.1098	26.6460	26.2030	91.12%	-0.0685	-0.0723	4.8835	4.8337
x		0.1038	25.2580	24.4560	92.03%	-0.0781	-0.0782	4.6428	4.8259
%RSD		5.8370	8.3159	8.7592	3.26	8.3328	5.4483	8.3193	7.6278

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	16:24:56	4.5129	84.99%	-0.1385
2	16:25:38	4.3952	86.37%	-0.1385
3	16:26:20	4.4626	86.83%	-0.1385
4	16:27:02	5.2645	79.57%	-0.1385
5	16:27:44	4.8800	82.71%	-0.1385
x		4.7030	84.09%	-0.1385
%RSD		7.7781	3.56	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:29:14	80.16%	0.0081	TM 261050.0000	T 61376.0000	T 62061.0000	T 61628.0000	2.1549	T 8486.2000
2	16:29:56	79.33%	0.0164	TM 262130.0000	T 61478.0000	T 61982.0000	T 61403.0000	2.2291	T 8462.1000
3	16:30:38	81.63%	0.0145	TM 261730.0000	T 62637.0000	T 62939.0000	T 63067.0000	2.3612	T 8806.8000
4	16:31:20	78.98%	0.0374	TM 258410.0000	T 61717.0000	T 61953.0000	T 61966.0000	2.0332	T 8774.3000
5	16:32:03	81.81%	0.0056	TM 257140.0000	T 61119.0000	T 61358.0000	T 61739.0000	2.1056	T 8693.9000
X		80.38%	0.0164	TM 260090.0000	T 61665.0000	T 62059.0000	T 61961.0000	2.1768	T 8644.7000
%RSD		1.61	76.6260	TM 0.8438	T 0.9474	T 0.9126	T 1.0507	5.7607	T 1.8652
Run	**Time**	**44Ca**	**45Sc**	**47Ti**	**51V**	**52Cr**	**54Fe**	**55Mn**	**56Fe**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:29:14	TM 255970.0000	87.93%	0.3562	0.2329	1.7346	10.0230	0.1724	6.9103
2	16:29:56	TM 253730.0000	87.02%	0.3068	0.1931	1.6359	11.2040	0.2079	7.1121
3	16:30:38	TM 256870.0000	86.90%	0.3352	0.7729	1.6414	9.1256	0.2422	9.4321
4	16:31:20	TM 259290.0000	88.17%	0.4302	0.2221	1.5614	8.9217	0.2390	6.7621
5	16:32:03	TM 254710.0000	89.29%	0.3917	0.2957	1.6033	10.4420	0.2248	7.3604
X		TM 256110.0000	87.86%	0.3640	0.3434	1.6353	9.9433	0.2173	7.5154
%RSD		TM 0.8370	1.11	13.2550	70.7860	3.9143	9.4825	13.1130	14.5670
Run	**Time**	**57Fe**	**59Co**	**60Ni**	**63Cu**	**65Cu**	**66Zn**	**75As**	**78Se**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:29:14	1844.2000	0.9389	4.7189	17.9430	18.4230	85.9260	7.2362	12.9420
2	16:29:56	1910.8000	0.9002	4.7054	17.3320	17.4840	83.2020	7.8223	13.3020
3	16:30:38	1734.7000	0.8270	4.9925	17.6840	18.2290	83.6270	7.9261	13.8150
4	16:31:20	1885.7000	0.9046	4.9121	17.3720	17.7600	84.5280	7.5645	13.4860
5	16:32:03	1810.2000	0.9007	4.7449	17.2140	17.4210	83.9000	7.1940	13.3090
X		1837.1000	0.8943	4.8148	17.5090	17.8630	84.2370	7.5486	13.3710
%RSD		3.7552	4.5731	2.6897	1.7031	2.4991	1.2584	4.3986	2.3737
Run	**Time**	**82Se**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:29:14	19.1970	1.7828	86.16%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:29:56	18.0340	0.0424	87.59%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:30:38	19.3600	-0.4012	85.13%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:31:20	18.0520	0.3716	86.38%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:32:03	17.9810	-1.1623	87.47%	0.0000	0.0000	0.0000	0.0000	0.0000
X		18.5250	0.1266	86.55%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		3.7298	860.4900	1.17	0.0000	0.0000	0.0000	0.0000	0.0000
Run	**Time**	**103Rh**	**107Ag**	**108Mo O**	**109Ag**	**111Cd**	**114Cd**	**115In**	**118Sn**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:29:14	80.97%	-0.0088	2.3222	-0.0124	-0.0341	0.0407	0.0000	0.0000
2	16:29:56	80.89%	-0.0000	1.8890	-0.0104	-0.0071	0.0243	0.0000	0.0000
3	16:30:38	80.66%	-0.0107	2.1313	-0.0097	-0.0264	0.0321	0.0000	0.0000
4	16:31:20	80.38%	-0.0107	1.5326	-0.0062	-0.0063	0.0271	0.0000	0.0000
5	16:32:03	81.08%	0.0046	1.9683	-0.0090	0.0005	0.0458	0.0000	0.0000
X		80.80%	-0.0051	1.9687	-0.0095	-0.0147	0.0340	0.0000	0.0000
%RSD		0.34	137.1200	14.9800	23.9930	100.7000	26.6890	0.0000	0.0000
Run	**Time**	**121Sb**	**135Ba**	**137Ba**	**159Tb**	**203Tl**	**205Tl**	**206Pb**	**207Pb**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:29:14	0.0761	24.4000	23.2480	90.15%	-0.0810	-0.0809	8.8578	9.0229
2	16:29:56	0.0613	24.2530	23.4780	90.37%	-0.0859	-0.0829	8.5524	8.9857
3	16:30:38	0.0743	25.1500	23.7020	89.95%	-0.0809	-0.0839	8.8383	8.9739
4	16:31:20	0.0660	24.4070	24.4960	89.96%	-0.0893	-0.0836	8.6892	9.1887
5	16:32:03	0.0528	24.7620	23.0640	89.96%	-0.0900	-0.0851	8.7014	9.2448
X		0.0661	24.5940	23.5970	90.08%	-0.0854	-0.0833	8.7279	9.0832
%RSD		14.4780	1.4753	2.3586	0.20	5.1055	1.8604	1.4271	1.3742
Run	**Time**	**208Pb**	**209Bi**	**220Bkg**					
		ug/L	ug/L	ug/L					
1	16:29:14	8.9157	82.85%	-0.1385					
2	16:29:56	8.7850	82.85%	-0.1385					
3	16:30:38	8.8376	82.48%	-0.1385					
4	16:31:20	8.9475	82.49%	-0.1385					
5	16:32:03	8.9526	82.60%	-0.1385					
X		8.8877	82.66%	-0.1385					
%RSD		0.8275	0.23	0.0000					

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:33:32	88.65%	0.0040	TM 264290.0000	T 62404.0000	T 61763.0000	T 61659.0000	0.0631	T 8618.5000
2	16:34:14	90.05%	0.0129	TM 264830.0000	T 61968.0000	T 62136.0000	T 62028.0000	0.1372	T 8781.0000
3	16:34:56	91.03%	0.0158	TM 265750.0000	T 62519.0000	T 62896.0000	T 63443.0000	0.1836	T 8908.2000
4	16:35:38	90.60%	0.0194	TM 265010.0000	T 62179.0000	T 62233.0000	T 62589.0000	0.1957	T 8883.5000
5	16:36:20	89.46%	0.0359	TM 264780.0000	T 62514.0000	T 62152.0000	T 62493.0000	0.1397	T 8809.5000
x		89.96%	0.0176	TM 264930.0000	T 62317.0000	T 62236.0000	T 62442.0000	0.1439	T 8800.2000
%RSD		1.05	66.5150	TM 0.2001	T 0.3830	T 0.6603	T 1.0776	36.2170	T 1.2965

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:33:32	TM 256130.0000	93.93%	0.4089	-0.4620	0.5657	9.1765	0.5663	9.0995
2	16:34:14	TM 251520.0000	94.56%	0.4119	-0.6130	0.6117	7.8927	0.5094	11.4480
3	16:34:56	TM 255950.0000	96.31%	0.4334	-0.3342	0.6327	7.6274	0.5338	10.9920
4	16:35:38	TM 258480.0000	96.20%	0.3454	-1.0585	0.6346	9.0559	0.5478	9.9016
5	16:36:20	TM 261270.0000	95.84%	0.4583	-0.1943	0.6831	9.5093	0.5128	10.0750
x		TM 256670.0000	95.37%	0.4116	-0.5324	0.6255	8.6524	0.5340	10.3030
%RSD		TM 1.4021	1.11	10.1970	62.4260	6.7871	9.6688	4.4770	9.0098

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:33:32	2017.8000	0.6009	5.9509	9.5407	9.8357	216.5100	-0.1460	-0.3382
2	16:34:14	2135.7000	0.5903	5.7997	9.5587	9.7008	220.7200	-0.3807	-0.0203
3	16:34:56	2321.3000	0.6763	5.7634	9.6757	9.4822	220.9500	-0.0317	0.1256
4	16:35:38	2010.5000	0.6452	6.1377	9.1672	9.3082	214.8700	-0.2471	0.3405
5	16:36:20	2125.6000	0.6419	6.3013	9.4286	9.5702	217.2900	-0.1179	-0.1155
x		2122.2000	0.6309	5.9906	9.4742	9.5794	218.0700	-0.1847	-0.0016
%RSD		5.9234	5.5699	3.8046	2.0335	2.1109	1.2269	72.4960	15973.0000

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:33:32	-0.2542	2.3134	90.84%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:34:14	-0.0836	0.2646	91.14%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:34:56	0.0223	0.0195	90.49%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:35:38	-0.3127	0.5562	92.07%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:36:20	-0.0202	1.0257	91.49%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-0.1297	0.8359	91.21%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		113.1900	108.5000	0.67	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:33:32	85.47%	0.0022	1.6145	-0.0062	0.0996	0.0602	0.0000	0.0000
2	16:34:14	85.97%	0.0033	0.8707	0.0003	0.0871	0.0626	0.0000	0.0000
3	16:34:56	86.12%	-0.0024	0.7602	-0.0102	0.0652	0.0749	0.0000	0.0000
4	16:35:38	87.74%	0.0047	-0.4100	-0.0103	0.0849	0.0819	0.0000	0.0000
5	16:36:20	87.09%	-0.0020	1.1039	-0.0115	0.0312	0.0620	0.0000	0.0000
x		86.47%	0.0012	0.7879	-0.0076	0.0736	0.0683	0.0000	0.0000
%RSD		1.06	278.3500	94.6780	63.9000	36.2800	14.0110	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:33:32	0.0729	24.5780	24.0570	90.63%	-0.0747	-0.0797	3.9068	3.8493
2	16:34:14	0.0564	25.1360	24.3800	90.29%	-0.0823	-0.0859	3.8439	3.9636
3	16:34:56	0.0744	24.5150	24.4350	90.94%	-0.0830	-0.0859	4.0051	4.0978
4	16:35:38	0.0514	25.1490	24.2340	90.86%	-0.0739	-0.0842	3.8401	3.8581
5	16:36:20	0.0700	24.8100	24.3540	89.93%	-0.0857	-0.0818	3.8472	4.0345
x		0.0650	24.8380	24.2920	90.53%	-0.0799	-0.0835	3.8886	3.9607
%RSD		16.0230	1.2054	0.6207	0.46	6.5879	3.2259	1.8169	2.7432

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	16:33:32	3.9138	82.73%	-0.1385
2	16:34:14	3.8307	82.46%	-0.1385
3	16:34:56	3.9391	82.23%	-0.1385
4	16:35:38	3.8090	82.44%	-0.1385
5	16:36:20	3.9271	82.13%	-0.1385
x		3.8839	82.40%	-0.1385
%RSD		1.5361	0.28	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:37:50	T 105.72%	0.0158	TM 238630.0000	T 32458.0000	T 31765.0000	T 31853.0000	6.7409	T 5999.0000
2	16:38:32	81.82%	0.0098	TM 239880.0000	T 32363.0000	T 32090.0000	T 32123.0000	6.8601	T 5865.5000
3	16:39:14	81.59%	0.0341	TM 238280.0000	T 31767.0000	T 31785.0000	T 31827.0000	6.9637	T 5965.1000
4	16:39:56	81.56%	0.0080	TM 231370.0000	T 31170.0000	T 31486.0000	T 31379.0000	6.5460	T 5932.1000
5	16:40:38	79.92%	0.0106	TM 232170.0000	T 31342.0000	T 31587.0000	T 31863.0000	6.8520	T 5994.6000
x		T 86.12%	0.0157	TM 236060.0000	T 31820.0000	T 31742.0000	T 31809.0000	6.7925	T 5951.3000
%RSD		T 12.75	68.4200	TM 1.6856	T 1.8287	T 0.7265	T 0.8453	2.3376	T 0.9230

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:37:50	TM 152900.0000	92.26%	0.4030	1.3029	0.7372	9.7435	0.2408	4.4399
2	16:38:32	TM 151310.0000	88.48%	0.3272	1.5545	0.7944	9.2038	0.2371	3.7965
3	16:39:14	TM 154760.0000	87.28%	0.3316	1.3410	0.7344	7.9470	0.2435	3.1026
4	16:39:56	TM 152150.0000	88.16%	0.3385	1.1659	0.6741	7.1608	0.2758	1.6063
5	16:40:38	TM 153890.0000	86.65%	0.3106	1.3615	0.7377	6.6362	0.2410	0.1808
x		TM 153000.0000	88.57%	0.3422	1.3451	0.7356	8.1383	0.2476	2.6252
%RSD		TM 0.8938	2.47	10.3760	10.3830	5.7887	16.2090	6.4195	65.7200

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:37:50	1212.8000	0.6633	3.1529	75.1670	76.3060	77.0480	6.5307	7.0119
2	16:38:32	1143.0000	0.6617	3.0432	75.4240	76.6800	76.9570	6.4614	8.2153
3	16:39:14	1098.3000	0.5767	3.1260	73.6830	72.9440	75.7990	6.4694	7.5208
4	16:39:56	1014.9000	0.6175	2.8292	73.3110	74.1030	76.0830	6.7708	6.9147
5	16:40:38	1166.6000	0.6776	3.0394	73.2520	74.0520	76.4650	6.4324	7.7691
x		1127.1000	0.6394	3.0381	74.1670	74.8170	76.4710	6.5329	7.4863
%RSD		6.6675	6.5144	4.1820	1.4115	2.1439	0.7078	2.1081	7.2071

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:37:50	11.0640	-0.7345	87.80%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:38:32	11.3780	-0.3963	84.79%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:39:14	11.9120	-0.3169	85.29%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:39:56	11.1030	0.3750	86.31%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:40:38	11.7570	-0.1279	85.37%	0.0000	0.0000	0.0000	0.0000	0.0000
x		11.4430	-0.2401	85.91%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		3.3324	169.8900	1.38	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:37:50	84.28%	0.0115	1.3473	0.0126	0.0028	0.0233	0.0000	0.0000
2	16:38:32	81.89%	0.0144	3.4184	0.0080	-0.0846	0.0417	0.0000	0.0000
3	16:39:14	80.76%	0.0128	1.7757	0.0035	-0.0357	0.0391	0.0000	0.0000
4	16:39:56	81.15%	0.0080	2.3049	0.0076	-0.0466	0.0346	0.0000	0.0000
5	16:40:38	79.51%	0.0126	2.4939	0.0073	-0.0413	0.0254	0.0000	0.0000
x		81.52%	0.0119	2.2680	0.0078	-0.0411	0.0328	0.0000	0.0000
%RSD		2.17	20.2440	34.6190	41.5810	75.8610	24.8030	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:37:50	0.1048	25.5820	26.0450	89.86%	-0.0956	-0.0891	5.0776	5.5041
2	16:38:32	0.1162	26.0000	25.8310	88.13%	-0.0942	-0.0899	5.1768	5.4317
3	16:39:14	0.0703	26.0200	24.8430	88.94%	-0.0908	-0.0912	5.3768	5.3260
4	16:39:56	0.0489	25.1880	25.3070	88.53%	-0.0943	-0.0926	5.2136	5.5549
5	16:40:38	0.0948	26.3230	25.3640	88.99%	-0.0972	-0.0893	5.1977	5.3807
x		0.0870	25.8230	25.4780	88.89%	-0.0944	-0.0904	5.2085	5.4395
%RSD		31.3050	1.7121	1.8530	0.73	2.5032	1.6069	2.0727	1.6925

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	16:37:50	5.2503	82.72%	-0.1385
2	16:38:32	5.2546	82.71%	-0.1385
3	16:39:14	5.3382	82.91%	-0.1385
4	16:39:56	5.3540	83.11%	-0.1385
5	16:40:38	5.2258	83.55%	-0.1385
x		5.2846	83.00%	-0.1385
%RSD		1.0881	0.42	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:42:17	77.78%	0.0163	TM 244810.0000	T 56607.0000	T 57160.0000	T 57856.0000	19.8670	T 7623.8000
2	16:42:59	78.47%	0.0127	TM 245090.0000	T 56509.0000	T 56741.0000	T 56475.0000	19.3260	T 7542.8000
3	16:43:41	81.84%	0.0048	TM 247850.0000	T 58108.0000	T 59238.0000	T 58917.0000	20.2480	T 7772.4000
4	16:44:24	80.10%	0.0004	TM 251890.0000	T 57773.0000	T 58129.0000	T 58718.0000	20.6360	T 7747.3000
5	16:45:06	80.30%	-0.0038	TM 252970.0000	T 58788.0000	T 58167.0000	T 59374.0000	20.4300	T 7608.7000
x		79.70%	0.0061	TM 248520.0000	T 57557.0000	T 57887.0000	T 58268.0000	20.1010	T 7659.0000
%RSD		2.01	138.0000	TM 1.5205	T 1.7077	T 1.6847	T 1.9628	2.5735	T 1.2712

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:42:17	TM 216490.0000	87.16%	0.3657	4.8669	1.9174	18.6790	0.9475	12.9470
2	16:42:59	TM 214050.0000	86.44%	0.4027	5.2395	1.9243	18.2460	0.9601	14.8900
3	16:43:41	TM 218300.0000	86.21%	0.3695	5.0229	1.8722	19.2470	0.9704	14.7700
4	16:44:24	TM 218380.0000	87.38%	0.4026	5.1352	1.9841	19.1610	0.9350	14.9200
5	16:45:06	TM 214670.0000	88.23%	0.3717	5.2645	1.8788	19.1280	0.9080	16.4250
x		TM 216380.0000	87.08%	0.3824	5.1058	1.9154	18.8920	0.9442	14.7900
%RSD		TM 0.9247	0.92	4.8513	3.2159	2.3356	2.2397	2.5650	8.3487

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:42:17	1560.1000	0.8680	3.2456	2.9081	3.3594	3.0413	7.3586	10.1090
2	16:42:59	1645.9000	0.8259	3.5105	2.8772	3.2135	2.9105	7.8916	10.3900
3	16:43:41	1510.3000	0.7947	3.5521	2.9181	3.3560	3.0873	7.8509	10.2060
4	16:44:24	1471.0000	0.8176	3.7026	2.9856	3.2228	3.3783	7.4825	10.1190
5	16:45:06	1609.9000	0.8437	3.9271	3.0957	3.4031	3.2144	7.7354	9.7909
x		1559.5000	0.8300	3.5876	2.9569	3.3110	3.1264	7.6638	10.1230
%RSD		4.5622	3.3267	7.0060	2.9454	2.6212	5.6897	3.0465	2.1444

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:42:17	15.6160	-0.9018	85.82%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:42:59	14.7770	-0.1773	86.45%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:43:41	15.2700	-0.5696	86.96%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:44:24	15.0670	0.8483	86.29%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:45:06	16.2390	-1.0015	85.82%	0.0000	0.0000	0.0000	0.0000	0.0000
x		15.3940	-0.3604	86.27%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		3.6554	207.7600	0.55	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:42:17	78.75%	-0.0023	1.5424	-0.0130	-0.0065	0.0249	0.0000	0.0000
2	16:42:59	80.26%	-0.0087	1.7213	-0.0131	-0.0448	0.0161	0.0000	0.0000
3	16:43:41	80.12%	-0.0059	2.4628	-0.0124	-0.0707	0.0242	0.0000	0.0000
4	16:44:24	80.05%	-0.0018	2.5875	-0.0138	-0.0634	0.0162	0.0000	0.0000
5	16:45:06	80.57%	-0.0013	1.8168	-0.0145	-0.0471	0.0163	0.0000	0.0000
x		79.95%	-0.0040	2.0262	-0.0133	-0.0465	0.0196	0.0000	0.0000
%RSD		0.87	79.8040	23.1050	6.0416	53.5280	23.4930	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:42:17	0.0629	25.0500	24.3060	89.27%	-0.0928	-0.0879	0.1158	0.1116
2	16:42:59	0.0702	24.5940	24.5650	90.50%	-0.0874	-0.0924	0.1041	0.1041
3	16:43:41	0.0746	24.3520	24.7740	90.43%	-0.0929	-0.0846	0.0891	0.0925
4	16:44:24	0.0579	26.2400	25.0500	88.93%	-0.0837	-0.0885	0.1036	0.0952
5	16:45:06	0.0682	24.8810	24.9070	89.36%	-0.0859	-0.0877	0.0911	0.1271
x		0.0667	25.0230	24.7200	89.70%	-0.0885	-0.0882	0.1007	0.1061
%RSD		9.7101	2.9203	1.1823	0.80	4.6852	3.1388	10.8070	13.1550

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	16:42:17	0.1093	82.40%	-0.1385
2	16:42:59	0.0907	83.22%	-0.1385
3	16:43:41	0.0903	82.91%	-0.1385
4	16:44:24	0.0922	82.53%	1.5257
5	16:45:06	0.0969	82.81%	-0.1385
x		0.0959	82.77%	0.1944
%RSD		8.3253	0.39	382.9600

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:46:36	89.21%	0.0105	TM 262880.0000	T 59566.0000	T 59829.0000	T 59332.0000	10.3600	T 7962.9000
2	16:47:18	90.10%	0.0020	TM 260790.0000	T 58829.0000	T 58896.0000	T 59412.0000	10.6980	T 7775.5000
3	16:48:00	82.18%	-0.0061	TM 254870.0000	T 59150.0000	T 58664.0000	T 58444.0000	10.0590	T 7796.9000
4	16:48:41	81.99%	0.0139	TM 255530.0000	T 58740.0000	T 58532.0000	T 59316.0000	10.3330	T 7751.4000
5	16:49:23	81.92%	-0.0138	TM 254870.0000	T 57913.0000	T 57818.0000	T 58514.0000	9.6144	T 7679.8000
X		85.08%	0.0013	TM 257790.0000	T 58840.0000	T 58748.0000	T 59004.0000	10.2130	T 7793.3000
%RSD		4.92	894.6500	TM 1.4653	T 1.0382	T 1.2363	T 0.8148	3.9564	T 1.3413

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:46:36	TM 223410.0000	91.50%	0.4142	-0.2977	1.8232	11.6500	1.4498	7.8228
2	16:47:18	TM 218990.0000	94.34%	0.4410	-0.8177	1.8174	10.0790	1.4092	5.3695
3	16:48:00	TM 218730.0000	89.62%	0.4132	-0.1814	1.6860	11.2230	1.4259	7.9361
4	16:48:41	TM 217690.0000	88.17%	0.3971	-0.5144	1.7092	10.8530	1.4550	9.9838
5	16:49:23	TM 218200.0000	89.60%	0.3741	-1.3231	1.6262	10.8540	1.4219	7.5232
X		TM 219400.0000	90.65%	0.4079	-0.6269	1.7324	10.9320	1.4324	7.7271
%RSD		TM 1.0468	2.62	6.0361	73.1290	4.9514	5.2967	1.3536	21.2110

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:46:36	1686.6000	0.9369	9.2227	179.9500	180.9500	604.6200	7.7682	10.7230
2	16:47:18	1615.7000	0.8417	9.3762	182.7800	181.8600	603.4200	8.2577	10.9540
3	16:48:00	1705.3000	0.8986	8.8084	178.5400	176.0600	597.1700	7.8741	10.7550
4	16:48:41	1777.2000	0.9096	9.1245	178.8100	184.8500	602.9700	7.9039	10.9120
5	16:49:23	1778.1000	0.8336	8.7276	175.2600	179.2600	598.7900	7.9284	10.1850
X		1712.6000	0.8841	9.0519	179.0700	180.6000	601.3900	7.9465	10.7060
%RSD		3.9800	5.0587	3.0460	1.5131	1.7985	0.5368	2.3209	2.8694

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:46:36	15.3890	0.4212	88.46%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:47:18	16.4990	0.0688	87.85%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:48:00	16.8100	-0.2682	85.92%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:48:41	15.9980	-0.6014	85.21%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:49:23	17.5980	-0.7545	86.42%	0.0000	0.0000	0.0000	0.0000	0.0000
X		16.4590	-0.2268	86.77%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		5.0646	212.3200	1.56	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:46:36	82.38%	0.0122	2.3630	0.0038	0.2152	0.2662	0.0000	0.0000
2	16:47:18	83.02%	0.0179	2.4131	0.0138	0.0781	0.1944	0.0000	0.0000
3	16:48:00	80.74%	0.0115	2.3953	-0.0013	0.1373	0.2515	0.0000	0.0000
4	16:48:41	80.49%	0.0109	2.7402	0.0050	0.1072	0.2335	0.0000	0.0000
5	16:49:23	80.77%	0.0169	1.0524	0.0104	0.1975	0.1623	0.0000	0.0000
X		81.48%	0.0139	2.1928	0.0063	0.1470	0.2216	0.0000	0.0000
%RSD		1.40	23.4260	29.8940	93.1590	39.6930	19.2490	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:46:36	0.1954	25.6170	24.9880	88.60%	-0.0881	-0.0774	38.4200	39.5430
2	16:47:18	0.2152	25.2030	24.4430	88.52%	-0.0773	-0.0809	38.7270	40.1280
3	16:48:00	0.1796	25.3230	24.2660	87.82%	-0.0888	-0.0810	38.2990	39.8790
4	16:48:41	0.1988	25.2970	24.2000	88.43%	-0.0803	-0.0804	38.0260	39.2750
5	16:49:23	0.1942	25.4220	24.6470	88.25%	-0.0826	-0.0835	38.0020	39.2500
X		0.1966	25.3720	24.5090	88.32%	-0.0834	-0.0807	38.2950	39.6150
%RSD		6.4827	0.6211	1.3031	0.35	5.9482	2.7035	0.7836	0.9666

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	16:46:36	39.0590	80.60%	-0.1385
2	16:47:18	39.4150	80.60%	-0.1385
3	16:48:00	38.9440	80.94%	-0.1385
4	16:48:41	38.6980	80.89%	-0.1385
5	16:49:23	38.5250	81.42%	-0.1385
X		38.9290	80.89%	-0.1385
%RSD		0.8803	0.42	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:50:53	82.01%	0.0064	TM 233800.0000	T 31821.0000	T 32364.0000	T 32301.0000	0.8446	T 5912.4000
2	16:51:36	81.66%	-0.0056	TM 236520.0000	T 31773.0000	T 31800.0000	T 31881.0000	0.9356	T 5974.3000
3	16:52:18	82.27%	0.0085	TM 235420.0000	T 32218.0000	T 32231.0000	T 32512.0000	0.8710	T 5908.7000
4	16:53:00	78.83%	0.0147	TM 236310.0000	T 31864.0000	T 31647.0000	T 31391.0000	0.6758	T 5938.4000
5	16:53:42	78.59%	-0.0070	TM 233090.0000	T 31838.0000	T 31856.0000	T 31954.0000	0.8882	T 6077.3000
x		80.67%	0.0034	TM 235030.0000	T 31903.0000	T 31980.0000	T 32008.0000	0.8430	T 5962.2000
%RSD		2.24	274.9100	TM 0.6492	T 0.5615	T 0.9508	T 1.3436	11.7670	T 1.1651
Run	**Time**	**44Ca**	**45Sc**	**47Ti**	**51V**	**52Cr**	**54Fe**	**55Mn**	**56Fe**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:50:53	TM 153730.0000	87.28%	0.3843	1.4516	1.0520	8.7581	0.1015	2.6332
2	16:51:36	TM 153720.0000	87.53%	0.3475	1.7888	0.9156	5.8993	0.0895	1.7414
3	16:52:18	TM 155030.0000	86.83%	0.2909	1.3238	0.9425	6.2905	0.0861	0.3736
4	16:53:00	TM 151430.0000	86.35%	0.2799	1.5885	0.9012	4.9719	0.0932	-3.0565
5	16:53:42	TM 155070.0000	84.89%	0.2999	0.5664	0.9900	5.5946	0.0884	0.1178
x		TM 153790.0000	86.58%	0.3205	1.3438	0.9603	6.3029	0.0917	0.3619
%RSD		TM 0.9606	1.21	13.7380	34.7910	6.3991	23.0800	6.5832	599.1800
Run	**Time**	**57Fe**	**59Co**	**60Ni**	**63Cu**	**65Cu**	**66Zn**	**75As**	**78Se**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:50:53	1245.5000	0.5821	2.7220	6.1432	6.6769	11.3180	6.5806	7.3201
2	16:51:36	1173.5000	0.5651	2.8120	6.2122	6.4046	11.2900	6.4392	7.6271
3	16:52:18	1095.9000	0.5617	2.7346	5.9680	5.8497	11.0070	6.6078	6.6768
4	16:53:00	1132.0000	0.5930	2.7122	6.2450	6.1491	10.8190	6.3915	7.1749
5	16:53:42	1009.3000	0.6031	2.5280	5.9757	6.2867	11.1160	6.6046	6.7074
x		1131.2000	0.5810	2.7018	6.1088	6.2734	11.1100	6.5247	7.1013
%RSD		7.7766	3.0543	3.8794	2.1340	4.8822	1.8606	1.5605	5.7427
Run	**Time**	**82Se**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:50:53	10.8800	-0.1240	85.20%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:51:36	11.2180	-0.5869	84.97%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:52:18	11.2760	0.7053	85.59%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:53:00	10.8030	0.3633	85.03%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:53:42	10.5710	0.9508	84.91%	0.0000	0.0000	0.0000	0.0000	0.0000
x		10.9500	0.2617	85.14%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		2.6937	237.9200	0.32	0.0000	0.0000	0.0000	0.0000	0.0000
Run	**Time**	**103Rh**	**107Ag**	**108Mo O**	**109Ag**	**111Cd**	**114Cd**	**115In**	**118Sn**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:50:53	81.05%	-0.0094	1.0348	-0.0159	0.0086	0.0134	0.0000	0.0000
2	16:51:36	81.04%	-0.0061	1.2802	-0.0152	-0.0392	-0.0024	0.0000	0.0000
3	16:52:18	80.19%	-0.0053	1.7770	-0.0103	-0.0391	0.0268	0.0000	0.0000
4	16:53:00	80.84%	-0.0034	1.9271	-0.0111	-0.0274	0.0054	0.0000	0.0000
5	16:53:42	80.68%	-0.0047	2.3982	-0.0117	-0.0492	0.0136	0.0000	0.0000
x		80.76%	-0.0058	1.6835	-0.0128	-0.0293	0.0114	0.0000	0.0000
%RSD		0.44	39.5240	32.0210	19.7860	77.0680	95.8740	0.0000	0.0000
Run	**Time**	**121Sb**	**135Ba**	**137Ba**	**159Tb**	**203Tl**	**205Tl**	**206Pb**	**207Pb**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:50:53	0.0703	25.7860	25.1690	88.15%	-0.0871	-0.0893	1.0396	1.1033
2	16:51:36	0.0659	25.1720	25.0150	88.44%	-0.0977	-0.0951	1.1115	1.1886
3	16:52:18	0.0620	25.6530	25.2960	89.20%	-0.0965	-0.0933	1.0430	1.0931
4	16:53:00	0.0849	25.7430	24.9590	89.39%	-0.0938	-0.0917	1.1230	1.0323
5	16:53:42	0.0616	25.4530	24.6260	89.73%	-0.0980	-0.0943	1.0928	1.0158
x		0.0690	25.5610	25.0130	88.98%	-0.0946	-0.0927	1.0820	1.0866
%RSD		13.9170	0.9885	1.0139	0.75	4.7825	2.5066	3.5752	6.2890
Run	**Time**	**208Pb**	**209Bi**	**220Bkg**					
		ug/L	ug/L	ug/L					
1	16:50:53	1.0906	82.30%	-0.1385					
2	16:51:36	1.1206	82.88%	-0.1385					
3	16:52:18	1.0923	83.66%	-0.1385					
4	16:53:00	1.0937	84.04%	-0.1385					
5	16:53:42	1.0552	84.40%	-0.1385					
x		1.0905	83.45%	-0.1385					
%RSD		2.1347	1.03	0.0000					

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Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:55:12	90.88%	-0.0051	157.4600	22.3020	22.2710	20.9700	-1.0325	3.2812
2	16:55:54	92.36%	-0.0072	103.3100	14.2990	13.6160	13.6070	-1.0999	0.4380
3	16:56:36	T 110.73%	-0.0040	66.4430	8.1301	8.2931	8.0659	-1.0135	-0.6257
4	16:57:18	T 111.08%	-0.0200	46.7270	5.4311	5.2300	5.8672	-1.1250	1.8731
5	16:58:01	T 109.44%	-0.0128	34.4040	3.6633	4.0582	4.5294	-1.0686	0.5618
x		T 102.90%	-0.0098	81.6680	10.7650	10.6940	10.6080	-1.0679	1.1057
%RSD		T 10.04	67.5570	60.9130	70.6560	69.6990	63.6330	4.3164	136.1200

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:55:12	86.0620	93.23%	0.0033	-0.4376	0.2071	6.9247	0.0034	4.8012
2	16:55:54	51.8230	94.42%	-0.0028	-0.3186	0.1531	5.1112	0.0016	5.2684
3	16:56:36	34.2530	96.49%	-0.0012	-0.5867	0.1476	4.3092	0.0082	5.3568
4	16:57:18	18.4070	94.68%	-0.0028	-0.6136	0.1892	5.6532	0.0160	5.9792
5	16:58:01	13.3140	94.90%	-0.0009	-0.3873	0.2167	5.7542	0.0073	5.3993
x		40.7720	94.75%	-0.0009	-0.4688	0.1827	5.5505	0.0073	5.3610
%RSD		72.2390	1.24	281.8000	27.2020	17.0990	17.2670	76.2710	7.8345

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:55:12	-2.7824	-0.0076	0.0053	-0.0272	0.0379	-0.5292	-0.0240	-1.4309
2	16:55:54	-4.1292	-0.0117	-0.0305	-0.0126	0.0346	-0.5508	-0.0796	-1.4335
3	16:56:36	-3.4010	-0.0087	0.0078	-0.0119	0.0356	-0.5534	0.0140	-1.7430
4	16:57:18	-2.7943	-0.0109	-0.0058	-0.0557	0.0124	-0.5656	0.1069	-1.4297
5	16:58:01	-2.8054	-0.0070	-0.0164	0.0342	-0.0064	-0.4625	0.0717	-1.6091
x		-3.1825	-0.0092	-0.0079	-0.0146	0.0228	-0.5323	0.0178	-1.5292
%RSD		18.5690	22.4070	199.9100	222.5700	84.7140	7.7300	418.0700	9.2953

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:55:12	0.0218	-0.0152	93.62%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:55:54	0.0629	-0.1272	94.03%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:56:36	0.3900	-1.5193	94.46%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:57:18	0.3931	-1.0641	93.86%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:58:01	0.3111	-0.8001	93.64%	0.0000	0.0000	0.0000	0.0000	0.0000
x		0.2358	-0.7052	93.92%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		76.4320	89.9880	0.37	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:55:12	92.47%	-0.0119	2.0356	-0.0162	-0.0352	0.0017	0.0000	0.0000
2	16:55:54	94.03%	-0.0132	2.1646	-0.0151	-0.0583	0.0083	0.0000	0.0000
3	16:56:36	94.87%	-0.0121	1.1107	-0.0169	-0.0136	0.0061	0.0000	0.0000
4	16:57:18	95.32%	-0.0121	2.7843	-0.0157	-0.0764	0.0129	0.0000	0.0000
5	16:58:01	94.17%	-0.0138	1.8612	-0.0151	-0.0361	0.0151	0.0000	0.0000
x		94.17%	-0.0126	1.9913	-0.0158	-0.0439	0.0088	0.0000	0.0000
%RSD		1.15	6.5043	30.2700	4.9315	54.7470	60.5310	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:55:12	0.0010	-0.0067	0.0034	95.92%	-0.0981	-0.0986	-0.0058	-0.0117
2	16:55:54	-0.0029	-0.0070	-0.0026	97.62%	-0.0964	-0.0989	-0.0160	-0.0066
3	16:56:36	0.0008	0.0134	0.0143	96.15%	-0.1005	-0.0971	-0.0159	-0.0134
4	16:57:18	0.0045	0.0031	0.0086	96.54%	-0.0998	-0.0946	-0.0115	-0.0116
5	16:58:01	-0.0010	-0.0169	0.0147	94.71%	-0.1015	-0.0996	-0.0158	-0.0149
x		0.0005	-0.0028	0.0077	96.19%	-0.0993	-0.0978	-0.0130	-0.0116
%RSD		586.9900	406.3200	96.2530	1.09	2.0461	2.0387	34.4560	26.8680

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	16:55:12	-0.0105	97.67%	-0.1385
2	16:55:54	-0.0171	97.65%	-0.1385
3	16:56:36	-0.0163	97.02%	-0.1385
4	16:57:18	-0.0148	96.89%	-0.1385
5	16:58:01	-0.0180	95.94%	-0.1385
x		-0.0154	97.04%	-0.1385
%RSD		19.2560	0.73	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:59:30	86.58%	↑2597.4000	↑50727.0000	↑50573.0000	↑50594.0000	↑50294.0000	↑52109.0000	↑50299.0000
2	17:00:12	88.64%	↑2605.7000	↑49549.0000	↑49821.0000	↑50324.0000	↑49783.0000	↑51668.0000	↑49824.0000
3	17:00:54	91.41%	↑2585.3000	↑50050.0000	↑49141.0000	↑48904.0000	↑49172.0000	↑50957.0000	↑49402.0000
4	17:01:36	91.93%	↑2603.2000	↑49226.0000	↑48642.0000	↑49269.0000	↑50138.0000	↑51942.0000	↑49251.0000
5	17:02:18	91.81%	↑2658.1000	↑50634.0000	↑49505.0000	↑50492.0000	↑49929.0000	↑52324.0000	↑49924.0000
x		90.07%	↑2609.9000	↑50037.0000	↑49536.0000	↑49917.0000	↑49863.0000	↑51800.0000	↑49740.0000
%RSD		2.64	↑1.0742	↑1.3137	↑1.4674	↑1.5526	↑0.8686	↑1.0208	↑0.8444
Run	**Time**	**44Ca**	**45Sc**	**47Ti**	**51V**	**52Cr**	**54Fe**	**55Mn**	**56Fe**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:59:30	45100.0000	88.58%	0.0149	↑2668.0000	↑2561.6000	↑52318.0000	↑2534.1000	↑50863.0000
2	17:00:12	45061.0000	91.02%	0.0403	↑2623.8000	↑2536.7000	↑51378.0000	↑2509.4000	↑51216.0000
3	17:00:54	↑49726.0000	92.80%	0.0233	↑2560.5000	↑2546.9000	↑51313.0000	↑2506.6000	↑50066.0000
4	17:01:36	45570.0000	93.75%	0.0308	↑2584.1000	↑2484.2000	↑51233.0000	↑2509.8000	↑50083.0000
5	17:02:18	46066.0000	93.04%	0.0153	↑2646.1000	↑2574.8000	↑52989.0000	↑2552.1000	↑51209.0000
x		↑46305.0000	91.84%	0.0249	↑2616.5000	↑2540.8000	↑51846.0000	↑2522.4000	↑50687.0000
%RSD		↑4.2234	2.27	43.3570	↑1.6848	↑1.3695	↑1.4963	↑0.7917	↑1.1395
Run	**Time**	**57Fe**	**59Co**	**60Ni**	**63Cu**	**65Cu**	**66Zn**	**75As**	**78Se**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:59:30	↑51439.0000	↑2536.1000	2405.1000	↑2464.9000	2440.6000	2425.8000	2430.0000	237.1000
2	17:00:12	50103.0000	↑2534.1000	2450.6000	↑2476.7000	2431.4000	2401.2000	2399.6000	241.8800
3	17:00:54	↑50622.0000	↑2496.3000	2388.6000	↑2463.4000	↑2535.8000	2406.7000	2418.9000	238.8100
4	17:01:36	↑50656.0000	↑2522.0000	2406.8000	↑2420.2000	2437.9000	2397.2000	2394.9000	239.8200
5	17:02:18	↑51565.0000	↑2558.9000	2448.7000	↑2495.2000	↑2529.2000	2433.2000	2449.4000	242.7900
x		↑50877.0000	↑2529.5000	2420.0000	↑2464.1000	↑2475.0000	2412.8000	2418.6000	240.0800
%RSD		↑1.2044	↑0.9025	1.1586	↑1.1224	↑2.1273	0.6549	0.9252	0.9569
Run	**Time**	**82Se**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:59:30	243.2400	1.3110	84.65%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:00:12	242.6000	1.3676	86.38%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:00:54	240.8900	2.0119	87.53%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:01:36	236.6000	0.9795	89.46%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:02:18	245.0800	0.7780	88.34%	0.0000	0.0000	0.0000	0.0000	0.0000
x		241.6800	1.2896	87.27%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		1.3303	36.4970	2.12	0.0000	0.0000	0.0000	0.0000	0.0000
Run	**Time**	**103Rh**	**107Ag**	**108Mo O**	**109Ag**	**111Cd**	**114Cd**	**115In**	**118Sn**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:59:30	85.92%	235.9800	-18.1260	235.2300	2404.8000	2486.1000	0.0000	0.0000
2	17:00:12	86.99%	238.0900	-6.6022	235.2700	2371.8000	2468.4000	0.0000	0.0000
3	17:00:54	87.95%	238.1600	-1.4154	237.2400	2354.6000	2456.9000	0.0000	0.0000
4	17:01:36	88.01%	240.3300	-14.0110	238.1400	2381.5000	2494.6000	0.0000	0.0000
5	17:02:18	89.54%	239.5300	-19.9660	238.1900	2367.5000	2471.0000	0.0000	0.0000
x		87.68%	238.4200	-12.0240	236.8100	2376.0000	2475.4000	0.0000	0.0000
%RSD		1.53	0.6961	65.2470	0.6232	0.7887	0.6031	0.0000	0.0000
Run	**Time**	**121Sb**	**135Ba**	**137Ba**	**159Tb**	**203Tl**	**205Tl**	**206Pb**	**207Pb**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:59:30	↑2576.3000	2462.1000	2431.4000	85.13%	↑2610.6000	↑2603.5000	↑2605.5000	↑2628.5000
2	17:00:12	↑2564.5000	2486.6000	2443.6000	85.08%	↑2596.1000	↑2597.6000	↑2594.3000	↑2598.9000
3	17:00:54	↑2553.7000	2455.1000	2425.9000	86.33%	↑2597.4000	↑2593.4000	↑2592.3000	↑2599.9000
4	17:01:36	↑2559.9000	2483.3000	2450.6000	85.82%	↑2613.5000	↑2629.5000	↑2614.2000	↑2609.4000
5	17:02:18	↑2548.4000	2497.0000	2456.0000	86.48%	↑2587.7000	↑2597.7000	↑2598.4000	↑2598.8000
x		↑2560.6000	2476.8000	2441.5000	85.77%	↑2601.1000	↑2604.3000	↑2600.9000	↑2607.1000
%RSD		↑0.4187	0.7075	0.5198	0.76	↑0.4136	↑0.5567	↑0.3437	↑0.4896
Run	**Time**	**208Pb**	**209Bi**	**220Bkg**					
		ug/L	ug/L	ug/L					
1	16:59:30	↑2611.1000	83.07%	-0.1385					
2	17:00:12	↑2581.8000	83.48%	-0.1385					
3	17:00:54	↑2586.8000	83.72%	0.6817					
4	17:01:36	↑2611.0000	83.23%	0.6866					
5	17:02:18	↑2591.3000	84.01%	-0.1385					
x		↑2596.4000	83.50%	0.1906					
%RSD		↑0.5307	0.45	236.4500					

CCB3 09/13/2011 17:03:07

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:03:50	T118.56%	1.6019	40.3080	28.1980	28.9420	29.5700	30.3140	33.3870
2	17:04:32	T119.98%	1.2662	33.5670	23.2050	23.0300	21.8390	23.0040	25.6720
3	17:05:14	T119.33%	0.7585	25.3780	13.8180	13.7740	16.0990	14.3130	18.9880
4	17:05:56	104.80%	0.4013	17.9750	6.5007	5.9007	6.0426	6.0546	10.3100
5	17:06:38	T122.94%	0.1900	14.9450	3.0847	2.1627	3.0501	2.5074	7.8487
x		T117.12%	0.8436	26.4350	14.9610	14.7620	15.3200	15.2390	19.2410
%RSD		T6.05	69.7230	40.0370	71.4510	76.3180	71.7110	75.8820	55.1900

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:03:50	21.0010	100.39%	-0.0055	1.4303	1.4515	30.0460	1.3899	31.3900
2	17:04:32	14.6350	101.56%	-0.0093	0.9935	1.2314	22.6210	1.1084	28.5020
3	17:05:14	7.0429	102.64%	-0.0004	0.6071	0.7218	15.8890	0.6524	18.3910
4	17:05:56	-0.0669	104.18%	-0.0007	0.3253	0.3599	6.3404	0.3280	12.0210
5	17:06:38	-3.0351	103.52%	-0.0041	0.1965	0.1885	4.5005	0.1725	8.5284
x		7.9154	102.46%	-0.0040	0.7105	0.7906	15.8790	0.7302	19.7670
%RSD		126.4600	1.48	91.5490	71.1220	68.8130	68.0160	70.3980	50.5640

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:03:50	27.5310	1.5047	1.3411	1.8393	1.6034	1.4531	1.3452	-0.5487
2	17:04:32	28.9620	1.1417	1.2147	1.3648	1.4526	1.1165	1.0414	-0.7412
3	17:05:14	14.8060	0.6944	0.5599	1.0189	0.8244	0.7286	0.6685	-0.3404
4	17:05:56	9.1522	0.3135	0.3369	0.4872	0.3984	0.2824	0.3661	-1.2613
5	17:06:38	4.4073	0.1358	0.1939	0.2637	0.1810	0.0904	0.1574	-0.4985
x		16.9720	0.7580	0.7293	0.9948	0.8920	0.7342	0.7157	-0.6780
%RSD		64.4760	75.0230	71.2240	64.4240	70.3290	77.0930	67.6770	52.5190

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:03:50	-0.0599	0.4783	94.76%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:04:32	-0.0187	-0.7754	96.56%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:05:14	-0.1163	0.8496	98.64%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:05:56	0.1942	-1.1448	99.82%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:06:38	-0.0753	-0.6973	100.86%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-0.0152	-0.2579	98.13%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		804.0600	336.6900	2.52	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:03:50	96.19%	0.1693	0.5064	0.1895	1.5178	1.4723	0.0000	0.0000
2	17:04:32	98.26%	0.1362	0.9702	0.1129	1.0733	1.0989	0.0000	0.0000
3	17:05:14	99.30%	0.0853	-0.7466	0.0646	0.6784	0.7122	0.0000	0.0000
4	17:05:56	100.77%	0.0424	1.7911	0.0370	0.2399	0.3199	0.0000	0.0000
5	17:06:38	100.82%	0.0168	0.4472	0.0178	0.1075	0.1560	0.0000	0.0000
x		99.07%	0.0900	0.5937	0.0844	0.7234	0.7518	0.0000	0.0000
%RSD		1.95	70.4090	155.3300	81.5320	80.8640	72.3230	0.0000	0.0000

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:03:50	1.4050	1.7789	1.4440	92.20%	1.4694	1.4197	1.4895	1.5345
2	17:04:32	1.0294	1.2311	1.1122	94.78%	1.0293	0.9745	1.0864	1.1585
3	17:05:14	0.6653	0.7273	0.6017	96.35%	0.6365	0.6390	0.7687	0.7411
4	17:05:56	0.3321	0.2659	0.2457	98.01%	0.3215	0.2769	0.3418	0.3520
5	17:06:38	0.1580	0.0898	0.0886	98.27%	0.1134	0.1127	0.1685	0.1778
x		0.7179	0.8186	0.6985	95.92%	0.7140	0.6846	0.7710	0.7928
%RSD		70.8260	85.0150	82.0380	2.62	76.4140	77.2900	69.9360	70.7650

Run	Time	208Pb	209Bi	220Bkg
		ug/L	ug/L	ug/L
1	17:03:50	1.5311	93.33%	-0.1385
2	17:04:32	1.1187	94.79%	-0.1385
3	17:05:14	0.7170	95.98%	-0.1385
4	17:05:56	0.3353	97.43%	-0.1385
5	17:06:38	0.1582	98.29%	-0.1385
x		0.7721	95.96%	-0.1385
%RSD		72.8970	2.08	0.0000

Mass Uncorrected ICPS

S0 09/13/2011 13:32:00

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	13:32:42	400879.9800	15.0000	27879.0570	265.0042	20.0000	35.0001	4573.7548	66179.2420
2	13:33:24	403590.3800	13.3333	28323.0500	225.0030	55.0002	45.0001	4341.1304	67275.4680
3	13:34:06	414640.1800	12.5000	28280.4060	210.0027	25.0000	40.0001	4323.6213	66179.2420
4	13:34:48	т467856.3300	16.6667	27695.9480	245.0036	35.0001	45.0001	4258.5879	66708.4370
5	13:35:30	т475443.8900	8.3333	27969.3580	175.0018	35.0001	40.0001	3898.4116	65907.0980
x		т432482.1500	13.1667	28029.5640	224.0031	34.0001	41.0001	4279.1012	66449.8970
%RSD		т8.376	23.850	0.955	15.336	39.460	10.203	5.700	0.821

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	13:32:42	460.0127	650848.5000	15.0000	407.5100	865.0449	2255.3051	142.5012	101198.2600
2	13:33:24	440.0116	654390.4000	15.0000	247.5037	932.5522	2247.8031	125.0009	103141.8700
3	13:34:06	400.0096	651767.5800	22.5000	200.0024	865.0449	2250.3038	92.5005	103812.6200
4	13:34:48	390.0091	653793.6800	32.5001	120.0009	910.0497	2187.7871	100.0006	100874.3700
5	13:35:30	347.5073	654761.6800	40.0001	117.5008	880.0465	2217.7951	120.0009	102663.5200
x		407.5101	653112.3700	25.0000	218.5036	890.5476	2231.7989	116.0008	102338.1300
%RSD		10.819	0.262	44.159	54.542	3.348	1.284	17.282	1.233

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	13:32:42	695.0290	67.5003	35.0001	680.0278	340.0069	435.0114	9.1667	762.5349
2	13:33:24	550.0181	60.0002	42.5001	680.0278	252.5038	425.0108	6.6667	759.2013
3	13:34:06	655.0257	45.0001	15.0000	682.5280	280.0047	385.0089	4.1667	739.1995
4	13:34:48	662.5263	85.0004	25.0000	677.5275	280.0047	400.0096	4.1667	720.8645
5	13:35:30	650.0254	57.5002	10.0000	575.0198	292.5051	372.5083	0.8333	743.3665
x		642.5249	63.0002	25.5000	659.0262	289.0051	403.5098	5.0000	745.0333
%RSD		8.498	23.376	52.978	7.131	11.088	6.522	62.361	2.254

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	13:32:42	45.8335	63.3336	984798.1700	12.5000	2.5000	5.0000	2.5000	2.5000
2	13:33:24	37.5001	48.3335	984677.5900	7.5000	0.0000	10.0000	0.0000	2.5000
3	13:34:06	60.0002	50.0001	983180.3100	10.0000	5.0000	5.0000	2.5000	0.0000
4	13:34:48	57.5002	44.1668	1002007.3000	15.0000	0.0000	0.0000	0.0000	10.0000
5	13:35:30	49.1668	44.1668	994098.8800	10.0000	0.0000	5.0000	0.0000	0.0000
x		50.0002	50.0002	989752.4500	11.0000	1.5000	5.0000	1.0000	3.0000
%RSD		18.181	15.767	0.819	25.913	149.071	70.711	136.931	136.931

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	13:32:42	1119194.0000	55.0002	2.5000	43.7501	3.7500	7.5000	1056340.9000	65.0003
2	13:33:24	1138634.8000	47.5001	5.0000	47.5001	0.0000	10.0000	1068417.3000	32.5001
3	13:34:06	1133936.7000	40.0001	10.0000	42.5001	3.7500	10.0000	1067803.1000	70.0003
4	13:34:48	1151898.0000	51.2502	2.5000	35.0001	1.2500	10.0000	1077582.5000	125.0009
5	13:35:30	1163515.7000	36.2501	5.0000	37.5001	6.2500	12.5000	1086794.1000	47.5001
x		1141435.8000	46.0001	5.0000	41.2501	3.0000	10.0000	1071387.6000	68.0003
%RSD		1.489	16.905	61.237	12.121	81.223	17.678	1.068	51.694

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	13:32:42	12.5000	7.5000	15.0000	1831745.1000	220.0029	605.0220	85.0004	95.0005
2	13:33:24	15.0000	5.0000	5.0000	1839854.5000	262.5041	603.7719	50.0001	50.0001
3	13:34:06	5.0000	12.5000	5.0000	1857830.1000	252.5038	586.2706	30.0001	25.0000
4	13:34:48	15.0000	10.0000	5.0000	1877898.7000	247.5037	601.2717	45.0001	22.5000
5	13:35:30	12.5000	0.0000	15.0000	1869845.7000	230.0032	563.7691	45.0001	35.0001
x		12.0000	7.0000	9.0000	1855434.8000	242.5035	592.0210	51.0002	45.5002
%RSD		34.233	68.698	60.858	1.051	7.105	2.955	40.064	65.290

Run	Time	208Pb	209Bi	220Bkg
1	13:32:42	177.5019	1348402.2000	0.0000
2	13:33:24	120.0009	1349605.7000	2.5000
3	13:34:06	117.5008	1349418.8000	0.0000
4	13:34:48	92.5005	1374621.7000	0.0000
5	13:35:30	102.5006	1382823.3000	0.0000
x		122.0010	1360974.3000	0.5000
%RSD		27.046	1.210	223.607

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	13:36:58	T468925.8100	468.3465	26978.6000	175.0018	5.0000	15.0000	2387.8421	66453.9150
2	13:37:40	417818.1600	473.3468	26629.9810	170.0017	5.0000	20.0000	1980.2353	66138.9240
3	13:38:22	416847.1300	506.6821	27319.7090	195.0023	35.0001	45.0001	2185.2865	67058.7310
4	13:39:04	424283.7000	446.6786	26971.0760	215.0028	20.0000	20.0000	2205.2918	67784.5680
5	13:39:46	T479606.2100	472.5134	27861.4980	140.0012	15.0000	15.0000	2160.2800	68399.5630
X		T441496.2000	473.5135	27152.1730	179.0020	16.0000	23.0000	2183.7871	67167.1400
%RSD		T6.860	4.539	1.714	15.727	77.812	54.565	6.639	1.388

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	13:36:58	417.5105	646371.9100	27.5000	13162.8870	6164.7794	2182.7858	3520.7436	101436.1200
2	13:37:40	372.5083	649352.0000	22.5000	13270.5580	6222.3222	2292.8154	3595.7756	105098.5900
3	13:38:22	395.0094	653801.7800	22.5000	13258.0380	6099.7316	2505.3766	3418.2009	104230.2900
4	13:39:04	335.0067	658206.5800	47.5001	13929.1320	6102.2334	2467.8654	3718.3294	102653.3900
5	13:39:46	370.0082	671493.9600	22.5000	13708.7670	6257.3484	2485.3706	3595.7756	102056.1200
X		378.0086	655845.2500	28.5001	13465.8760	6169.2830	2386.8427	3569.7650	103094.9000
%RSD		8.146	1.499	38.034	2.482	1.144	5.955	3.094	1.481

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	13:36:58	645.0250	3268.1407	822.5406	3730.8350	1907.7183	1267.5964	411.6768	1245.9265
2	13:37:40	680.0278	3493.2320	705.0298	4075.9966	1930.2235	1360.1110	411.6768	1280.0983
3	13:38:22	575.0198	3370.6816	675.0273	4228.5726	1940.2258	1140.0780	355.8409	1221.7562
4	13:39:04	607.5221	3403.1948	760.0347	4146.0311	1877.7115	1290.0999	423.3441	1245.9265
5	13:39:46	667.5267	3303.1545	742.5331	4121.0187	1792.6928	1307.6026	423.3441	1224.2566
X		635.0243	3367.6807	741.0331	4060.4908	1889.7144	1273.0976	405.1766	1243.5928
%RSD		6.836	2.619	7.592	4.740	3.139	6.427	6.957	1.883

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	13:36:58	250.8371	61.6669	996968.2300	2.5000	5.0000	7.5000	0.0000	0.0000
2	13:37:40	251.6705	50.0001	990528.9500	10.0000	0.0000	2.5000	2.5000	2.5000
3	13:38:22	255.0039	59.1669	986461.2000	5.0000	0.0000	10.0000	0.0000	2.5000
4	13:39:04	268.3377	53.3335	986318.1600	10.0000	2.5000	0.0000	5.0000	7.5000
5	13:39:46	265.0042	45.0001	994514.3500	10.0000	0.0000	5.0000	0.0000	5.0000
X		258.1707	53.8335	990958.1800	7.5000	1.5000	5.0000	1.5000	3.5000
%RSD		3.099	12.557	0.481	47.140	149.071	79.057	149.071	81.441

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	13:36:58	1141086.1000	2184.0362	30.0001	2047.7516	476.2636	1072.5690	1063043.3000	20.0000
2	13:37:40	1159059.0000	2281.5623	40.0001	2165.2813	466.2630	992.5591	1077647.7000	15.0000
3	13:38:22	1148138.4000	2209.0428	30.0001	2012.7430	453.7624	1072.5690	1074245.0000	5.0000
4	13:39:04	1147061.6000	2355.3328	42.5001	2224.0467	456.2625	1030.0637	1076007.1000	22.5000
5	13:39:46	1144905.6000	2242.8018	60.0002	2121.5200	533.7671	1135.0773	1077418.2000	12.5000
X		1148050.1000	2254.5552	40.5001	2114.2685	477.2637	1060.5676	1073672.3000	15.0000
%RSD		0.585	2.981	30.366	4.058	6.876	5.033	0.568	45.644

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	13:36:58	2665.4262	2470.3661	4506.2180	1873402.6000	2124.0207	5267.9145	1677.6689	1412.6197
2	13:37:40	2717.9432	2452.8609	4493.7113	1874182.2000	2196.5394	5483.0532	1800.1944	1465.1288
3	13:38:22	2655.4230	2445.3587	4478.7032	1860474.2000	2202.7911	5408.0042	1780.1901	1437.6240
4	13:39:04	2620.4119	2632.9159	4423.6738	1858379.9000	2211.5434	5397.9977	1705.1744	1555.1451
5	13:39:46	2750.4538	2707.9399	4528.7302	1858077.2000	2157.7793	5290.4288	1612.6560	1497.6346
X		2681.9316	2541.8883	4486.2073	1864903.2000	2178.5348	5369.4797	1715.1768	1473.6304
%RSD		1.933	4.746	0.880	0.438	1.687	1.660	4.466	3.765

Run	Time	208Pb	209Bi	220Bkg
1	13:36:58	3443.2112	1366619.2000	0.0000
2	13:37:40	3475.7247	1369141.0000	0.0000
3	13:38:22	3730.8350	1366344.1000	0.0000
4	13:39:04	3518.2425	1356742.3000	0.0000
5	13:39:46	3533.2489	1353592.7000	0.0000
X		3540.2524	1362487.9000	0.0000
%RSD		3.172	0.504	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	13:41:14	422822.1500	4773.8670	42334.7610	8909.7605	1315.1038	1475.1305	24455.8330	76966.2950
2	13:41:56	T 487921.2200	4871.4234	42533.2680	9305.1923	1160.0807	1390.1159	24012.0450	76870.4160
3	13:42:39	426419.5100	4948.9691	42699.1130	9054.9168	1315.1038	1520.1386	25381.0930	78000.8470
4	13:43:21	T 489848.2200	4782.2051	43347.4480	8884.7338	1315.1038	1540.1423	24766.7490	77990.7540
5	13:44:03	424097.9200	5079.0473	42832.2940	9004.8626	1355.1102	1375.1134	24360.5540	77526.4510
X		T 450221.8000	4891.1024	42749.3770	9031.8932	1292.1004	1460.1282	24595.2550	77470.9530
%RSD		T 7.846	2.599	0.895	1.857	5.867	5.120	2.095	0.698
Run	**Time**	**44Ca**	**45Sc**	**47Ti**	**51V**	**52Cr**	**54Fe**	**55Mn**	**56Fe**
1	13:41:14	695.0290	654376.9000	1857.7070	27314.6920	27407.4960	3648.2984	35957.4090	121172.1000
2	13:41:56	615.0227	660263.9200	1822.6993	27141.6280	27324.7250	3440.7102	34938.0870	120593.8000
3	13:42:39	760.0347	678598.8200	2027.7467	27525.3840	27344.7910	3448.2133	35457.7750	121793.5600
4	13:43:21	817.5401	654249.9900	1755.1848	26785.4790	27121.5630	3428.2050	34978.2550	121491.7100
5	13:44:03	742.5331	658875.2000	1885.2132	27555.4830	27515.3510	3678.3116	35801.7410	121618.5400
X		726.0319	661272.9700	1869.7102	27264.5330	27342.7850	3528.7477	35426.6530	121333.9400
%RSD		10.464	1.519	5.394	1.160	0.528	3.500	1.311	0.389
Run	**Time**	**57Fe**	**59Co**	**60Ni**	**63Cu**	**65Cu**	**66Zn**	**75As**	**78Se**
1	13:41:14	980.0576	33037.8600	7465.8428	18277.5220	8769.6119	6344.9146	4138.5274	1774.3555
2	13:41:56	1070.0687	33926.4200	7383.2693	18422.8420	8894.7445	6124.7499	3932.5944	1814.3642
3	13:42:39	942.5533	33115.6680	7433.3138	18710.9820	9059.9223	6129.7536	3980.9507	1799.3609
4	13:43:21	1117.5749	33055.4300	7305.7010	18703.4660	9300.1867	6304.8842	4088.5027	1803.5285
5	13:44:03	980.0576	33529.8190	7560.9285	18678.4100	8636.9735	6187.2961	4093.5052	1831.0345
X		1018.0624	33333.0400	7429.8111	18558.6440	8932.2878	6218.3197	4046.8161	1804.5287
%RSD		7.151	1.164	1.278	1.064	2.891	1.630	2.130	1.155
Run	**Time**	**82Se**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
1	13:41:14	454.1790	45.0001	981672.0800	3980.9507	6915.3681	7290.6879	4136.0261	11037.3040
2	13:41:56	462.5128	41.6668	976510.1400	3785.8598	6652.6544	7233.1377	4151.0336	10987.2380
3	13:42:39	500.0150	54.1668	988068.4400	3910.9175	6677.6744	7188.0988	4438.6818	10822.0220
4	13:43:21	484.1807	50.0001	1002279.8000	3783.3586	6972.9161	7348.2384	4193.5549	10942.1790
5	13:44:03	503.3485	60.8336	990430.7400	3930.9269	6795.2694	7405.7893	4038.4783	10519.1350
X		480.8472	50.3335	987792.2400	3878.4027	6802.7765	7293.1904	4191.5550	10861.5760
%RSD		4.571	15.020	0.989	2.304	2.077	1.195	3.563	1.909
Run	**Time**	**103Rh**	**107Ag**	**108Mo O**	**109Ag**	**111Cd**	**114Cd**	**115In**	**118Sn**
1	13:41:14	1125057.9000	22175.7170	300.0054	21619.2570	4825.1465	11733.2540	1063439.3000	11633.1140
2	13:41:56	1149995.1000	22128.0900	360.0078	21745.8360	4765.1120	11973.5960	1060446.5000	10912.1400
3	13:42:39	1160620.6000	22905.1860	295.0052	21620.5100	4737.5963	12043.6970	1067571.0000	11114.9080
4	13:43:21	1145368.2000	22119.3170	325.0063	21446.3110	4688.8187	11973.5960	1063711.0000	11310.1700
5	13:44:03	1149323.8000	22298.5440	327.5064	21165.5950	4866.4205	11510.4440	1062488.8000	11240.0750
X		1146073.1000	22325.3710	321.5062	21519.5020	4776.6188	11846.9170	1063531.3000	11242.0810
%RSD		1.137	1.487	8.074	1.044	1.472	1.873	0.244	2.364
Run	**Time**	**121Sb**	**135Ba**	**137Ba**	**159Tb**	**203Tl**	**205Tl**	**206Pb**	**207Pb**
1	13:41:14	13528.4720	2545.3887	4566.2507	1823356.7000	20545.2950	49325.5500	16836.9920	14492.5910
2	13:41:56	13207.9590	2565.3948	4486.2072	1839805.2000	20412.4700	49118.0800	16308.4420	14252.1770
3	13:42:39	13070.2420	2545.3887	4623.7824	1838036.0000	20450.0620	49160.8310	16338.5010	14424.9740
4	13:43:21	12967.5820	2532.8849	4406.1645	1819745.1000	20224.5120	49574.5210	16368.5600	14490.0870
5	13:44:03	12970.0860	2442.8580	4351.1356	1806455.2000	20351.0700	49185.9790	16406.1340	13603.5940
X		13148.8680	2526.3830	4486.7081	1825479.6000	20396.6820	49272.9920	16451.7260	14252.6850
%RSD		1.778	1.905	2.491	0.756	0.585	0.377	1.327	2.637
Run	**Time**	**208Pb**	**209Bi**	**220Bkg**					
1	13:41:14	35565.7340	1337458.5000	0.0000					
2	13:41:56	35221.7770	1347508.5000	0.0000					
3	13:42:39	34842.6890	1342328.8000	2.5000					
4	13:43:21	34297.9360	1336228.9000	0.0000					
5	13:44:03	35131.3970	1334758.9000	0.0000					
X		35011.9070	1339656.7000	0.5000					
%RSD		1.357	0.390	223.607					

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	13:45:31	T 477341.9900	23623.4370	95190.5870	44719.6700	5656.9194	6657.6584	100856.6500	110295.1000
2	13:46:14	417854.0600	24234.3540	96197.0460	43060.9680	5797.0156	6992.9328	102225.6800	107139.3300
3	13:46:56	420824.7600	23891.7000	94894.7420	43397.7080	6077.2151	6857.8206	103797.4300	109284.4200
4	13:47:38	T 479794.0900	23721.2140	95107.1430	43548.4920	5741.9775	6747.7308	103225.3900	108580.3000
5	13:48:20	T 476922.8600	23901.7280	93435.8960	42684.0360	5902.0893	7083.0089	101805.5900	107519.1800
x		T 454547.5500	23874.4860	94965.0830	43482.1750	5835.0434	6867.8303	102382.1500	108563.6700
%RSD		T 7.079	0.976	1.044	1.766	2.776	2.529	1.135	1.187

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	13:45:31	1817.6982	657939.1500	8606.9425	129506.0500	126563.8600	8354.1854	168363.7700	179704.4500
2	13:46:14	1842.7037	653820.6800	8389.2206	131065.1400	128571.7500	8784.6277	171050.1600	179027.6200
3	13:46:56	1862.7082	658206.5800	8964.8195	134054.6400	129183.6000	8734.5752	172565.9300	181482.3600
4	13:47:38	1755.1848	646625.4900	8809.6541	130585.2000	129630.4600	8319.1504	170672.5300	180194.8700
5	13:48:20	1787.6917	650413.9600	8739.5804	130704.5400	129254.6900	8494.3270	171486.4900	178100.5700
x		1813.1973	653401.1800	8702.0434	131183.1100	128640.8700	8537.3732	170827.7800	179701.9700
%RSD		2.365	0.760	2.498	1.301	0.950	2.506	0.907	0.706

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	13:45:31	2532.8849	160653.7900	36693.1060	88689.4510	41807.1080	27392.4470	19263.0720	5883.7430
2	13:46:14	2402.8464	165346.7600	36379.2340	87504.5230	41844.7960	27262.0200	19278.9420	5681.9364
3	13:46:56	2537.8864	166178.0500	37416.3110	89687.5480	42103.5950	27663.3400	19711.6190	6002.1608
4	13:47:38	2602.9064	166114.3000	36670.5060	88499.9520	41415.1580	28340.6100	19518.6650	5901.2554
5	13:48:20	2457.8624	162060.6400	35003.3600	86489.0040	41920.1740	27698.4560	19272.2590	5956.2946
x		2506.8773	164070.7100	36432.5030	88174.0960	41818.1660	27671.3740	19408.9110	5885.0780
%RSD		3.095	1.553	2.431	1.383	0.604	1.505	1.032	2.086

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	13:45:31	2125.2710	50.8335	962351.3500	18655.8590	32771.8130	35121.3550	20517.7280	52640.7390
2	13:46:14	2161.9471	55.0002	974406.4400	18154.7540	32505.7740	34395.8380	20089.1850	51969.0430
3	13:46:56	2235.2998	45.0001	985263.6700	18680.9150	33406.8270	35445.2220	20472.6170	52741.3730
4	13:47:38	2081.9267	56.6669	968005.9800	18778.6340	33025.3110	34541.4390	20923.7350	52955.2220
5	13:48:20	2139.4413	44.1668	970998.4400	18588.2080	33733.1380	35136.4180	20467.6050	53493.6450
x		2148.7772	50.3335	972205.1700	18571.6740	33088.5730	34928.0540	20494.1740	52760.0050
%RSD		2.629	11.266	0.878	1.308	1.481	1.265	1.444	1.045

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	13:45:31	1125394.1000	106003.7000	1572.6484	103581.0200	23198.4950	56961.5140	1036427.7000	53327.5860
2	13:46:14	1132724.8000	107962.3500	1615.1565	103427.8800	22990.4200	56073.0180	1050960.0000	52701.1190
3	13:46:56	1137990.0000	110108.9100	1670.1674	105710.0000	23410.3370	56108.2540	1057844.9000	53498.6770
4	13:47:38	1140486.7000	110198.8400	1552.6446	105209.9800	23232.3390	56412.8000	1047742.7000	53765.3850
5	13:48:20	1121090.3000	109905.0000	1605.1546	106346.7800	23523.1540	57031.9930	1048824.4000	53614.4170
x		1131537.2000	108835.7600	1603.1543	104855.1300	23270.9490	56517.5160	1048359.9000	53381.4370
%RSD		0.726	1.682	2.811	1.238	0.882	0.810	0.738	0.773

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	13:45:31	63397.7430	12063.7260	21224.4940	1808682.1000	95958.0640	232668.3500	79096.0990	68051.7320
2	13:46:14	62936.7680	12208.9370	21490.1740	1802294.5000	97000.0240	234710.7000	78669.5900	68830.5900
3	13:46:56	63652.1710	12211.4410	21623.0170	1813226.8000	97925.7560	236186.5300	78808.3920	68986.8740
4	13:47:38	64206.3980	12336.6250	21963.9070	1821812.2000	98887.0080	238643.8200	80433.8120	69324.6600
5	13:48:20	64372.6740	12444.2850	22282.2500	1811828.5000	99480.2560	240345.4300	80017.3310	70239.7750
x		63713.1510	12253.0030	21716.7680	1811568.8000	97850.2220	236510.9700	79405.0450	69086.7260
%RSD		0.923	1.176	1.903	0.392	1.449	1.292	0.981	1.152

Run	Time	208Pb	209Bi	220Bkg
1	13:45:31	166938.0200	1313184.0000	0.0000
2	13:46:14	166955.8700	1315688.0000	0.0000
3	13:46:56	168552.5300	1325690.4000	0.0000
4	13:47:38	169912.2300	1330364.9000	0.0000
5	13:48:20	171996.8400	1339064.6000	0.0000
x		168871.1000	1324798.4000	0.0000
%RSD		1.269	0.803	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	13:49:49	408452.2100	94195.2060	292647.3800	174201.9400	23763.8350	27078.9250	400901.8200	227105.5100
2	13:50:31	406722.2700	91209.7700	289608.9500	170659.7700	22996.6870	26502.0750	395329.8700	226157.7500
3	13:51:13	T447776.9900	89127.4200	293077.0900	171476.2800	23563.2670	26973.5840	392115.7300	224529.6000
4	13:51:54	T455350.1000	90871.1000	294992.9400	172645.0400	22821.2060	26752.8740	387803.3000	225086.8400
5	13:52:36	395320.2700	90097.7710	284893.0000	169588.2300	23157.1310	27871.5320	398799.4600	223094.3200
x		T422724.3700	91100.2530	291043.8700	171714.2500	23260.4250	27035.7980	394990.0400	225194.8100
%RSD		T6.373	2.093	1.355	1.039	1.690	1.912	1.325	0.682

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	13:49:49	6029.6806	636951.3700	34918.0030	533377.6800	526753.0800	26890.8170	694502.3200	405834.7000
2	13:50:31	5869.5664	636505.4000	34493.7420	530028.8100	515195.5600	27201.8240	683251.9400	402039.7200
3	13:51:13	6064.7060	636735.7900	33954.0320	516106.9400	505593.4100	26629.9810	682661.3600	399672.3300
4	13:51:54	5832.0400	632801.1200	33788.3610	518974.5700	506652.4100	27179.2510	694450.7700	410549.9500
5	13:52:36	6017.1716	637304.3900	34405.8800	521133.2300	507584.1200	27693.4390	694041.1700	402648.0700
x		5962.6329	636059.6200	34312.0030	523924.2500	512355.7200	27119.0620	689781.5100	404148.9500
%RSD		1.751	0.290	1.313	1.416	1.736	1.465	0.904	1.039

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	13:49:49	7818.6662	664927.4800	144029.0000	352761.6900	166940.5700	110910.6900	77956.2670	21228.6720
2	13:50:31	7796.1451	656710.1600	142452.2400	344082.3700	165596.6500	112549.9500	77499.5360	21221.1530
3	13:51:13	7856.2014	661356.9400	142963.3800	349743.3800	165981.7000	111262.8400	77391.8760	21313.0530
4	13:51:54	8058.8949	656734.4700	143207.5200	349657.3800	166785.0000	111587.1300	77783.8330	21280.4700
5	13:52:36	7706.0614	655062.7700	143616.9800	346296.3100	164966.8400	110735.8900	77720.7490	21103.3540
x		7847.1938	658958.3600	143253.8200	348508.2300	166054.1500	111409.3000	77670.4520	21229.3400
%RSD		1.664	0.619	0.422	0.967	0.496	0.644	0.291	0.377

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	13:49:49	8420.0851	62.5002	967546.9800	75709.8640	133869.1900	142576.8400	84518.9450	216852.7700
2	13:50:31	8594.4296	45.8335	959775.6500	75071.6290	132863.2800	143065.1100	83945.6940	215323.8800
3	13:51:13	8446.7787	51.6668	970169.7400	76701.3690	132936.9400	142195.4100	82971.0050	212566.9400
4	13:51:54	8471.8041	40.8334	958752.2900	76325.4410	132647.3800	141925.8700	83198.2540	216847.6400
5	13:52:36	8523.5235	49.1668	958274.2000	76542.4170	133036.0100	143380.4600	84534.0970	215693.2500
x		8491.3242	50.0002	962903.7700	76070.1440	133070.5600	142628.7400	83833.5990	215456.9000
%RSD		0.814	16.159	0.575	0.885	0.352	0.421	0.869	0.814

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	13:49:49	1128514.3000	446050.2400	6334.9069	430869.4500	95831.6220	231627.4500	1054438.5000	220673.6300
2	13:50:31	1119455.9000	442333.5200	6147.2665	429009.5800	94217.1180	231144.3100	1044244.2000	220242.4500
3	13:51:13	1111925.6000	442928.9300	6500.0340	434045.5800	95864.4970	229957.1400	1046737.3000	219477.6600
4	13:51:54	1127348.7000	448392.3000	6392.4509	432788.9300	95743.1130	232383.0600	1055439.1000	217709.6800
5	13:52:36	1122881.6000	441404.9300	6429.9797	432306.0600	94689.9320	231601.7500	1053828.1000	220126.9500
x		1122025.2000	444221.9800	6360.9276	431803.9200	95269.2560	231342.7400	1050937.4000	219646.0700
%RSD		0.598	0.655	2.101	0.447	0.802	0.386	0.484	0.530

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	13:49:49	263165.7800	49737.9900	88689.4510	1827145.1000	405450.4000	1000494.4000	329685.0300	287681.3800
2	13:50:31	261468.5900	49760.6250	86890.6500	1816316.3000	407730.1900	999949.4600	330392.2300	288768.0100
3	13:51:13	262936.2000	49992.0040	88391.3080	1830491.7000	411078.8400	1006934.0000	332194.2900	289583.0700
4	13:51:54	263735.8900	49750.5650	88838.5260	1844732.2000	414263.3700	1017448.5000	336280.9000	292517.9500
5	13:52:36	262505.4400	50012.1240	87795.0550	1841879.9000	415684.0600	1011202.4000	335445.7300	291536.9600
x		262762.3800	49850.6620	88120.9980	1832113.0000	410841.3700	1007205.7000	332799.6400	290017.4700
%RSD		0.323	0.278	0.903	0.629	1.047	0.734	0.889	0.685

Run	Time	208Pb	209Bi	220Bkg
1	13:49:49	709511.0400	1338148.5000	0.0000
2	13:50:31	713144.9400	1351555.9000	0.0000
3	13:51:13	710766.5600	1350689.6000	0.0000
4	13:51:54	717884.6100	1356353.5000	0.0000
5	13:52:36	720615.9300	1357941.1000	2.5000
x		714384.6200	1350937.7000	0.5000
%RSD		0.662	0.576	223.607

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	13:54:05	T 466536.3300	237490.7300	712617.5600	439391.3400	58761.4470	70340.6210	1000700.9000	459640.9800
2	13:54:47	T 442174.2400	229360.1900	688934.9400	426712.2700	56807.9710	67739.2020	973759.4600	452184.1700
3	13:55:29	398064.7200	228440.4300	684682.5000	427322.3800	55967.3110	64685.0790	969609.8600	456392.0100
4	13:56:11	398615.9900	226816.1200	697294.1200	426796.4200	56234.0980	65143.6300	953922.3000	451031.6700
5	13:56:53	T 464806.8500	232202.2900	677104.2900	415685.3700	56420.3510	68102.1420	971908.4200	454006.8800
X		T 434039.6300	230861.9500	692126.6800	427181.5600	56838.2360	67202.1350	973980.1900	454651.1400
%RSD		T 7.828	1.815	1.962	1.964	1.967	3.452	1.733	0.758
Run	**Time**	**44Ca**	**45Sc**	**47Ti**	**51V**	**52Cr**	**54Fe**	**55Mn**	**56Fe**
1	13:54:05	14557.7050	641255.9400	87936.5350	1349338.4000	1320703.8000	66400.9960	T 1839373.9000	888423.6200
2	13:54:47	13859.0150	628677.1000	85458.4530	1319242.1000	1312114.8000	64947.1050	T 1783534.3000	861613.1100
3	13:55:29	14272.2110	626397.1400	84804.3220	1337532.9000	1291916.2000	65602.2070	1774507.5000	858530.4900
4	13:56:11	13813.9400	623169.3500	83900.2400	1292313.9000	1252709.5000	63407.8190	1710863.5000	848943.9900
5	13:56:53	14287.2370	632787.6600	85632.7290	1333837.3000	1299408.0000	64800.9740	T 1794216.5000	860366.1100
X		14158.0220	630457.4400	85546.4560	1326452.9000	1295370.5000	65031.8200	T 1780499.1000	863575.4600
%RSD		2.226	1.107	1.752	1.651	2.032	1.702	T 2.596	1.709
Run	**Time**	**57Fe**	**59Co**	**60Ni**	**63Cu**	**65Cu**	**66Zn**	**75As**	**78Se**
1	13:54:05	19620.5710	1725383.0000	367041.4900	873959.9700	419830.6200	277701.2500	194218.8500	51250.4470
2	13:54:47	18249.9620	1667291.0000	356881.6700	867062.1800	412710.3400	272467.6700	191315.3400	50764.9890
3	13:55:29	18382.7530	1683963.0000	356931.2200	866113.1900	411502.7600	271486.4100	189676.8500	50905.0060
4	13:56:11	18688.4320	T 1642470.5000	358498.9100	878264.1500	404580.8800	269366.7600	186709.2800	M 50716.3610
5	13:56:53	18650.8480	1679939.1000	355496.8200	872079.9800	416512.6800	272475.4200	189041.8300	50465.6790
X		18718.5130	T 1679809.3000	358970.0200	871495.8900	413027.4600	272699.5000	190192.4300	M 50820.4960
%RSD		2.866	T 1.797	1.291	0.576	1.392	1.126	1.468	M 0.567
Run	**Time**	**82Se**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
1	13:54:05	M 21112.5440	55.0002	962893.9900	190786.7600	332737.8400	355520.2900	207191.5700	539184.0500
2	13:54:47	20665.5920	56.6669	949432.9000	187846.0700	326929.6000	352907.6800	205162.2800	532531.0200
3	13:55:29	20521.9050	50.8335	948533.6200	184206.1600	325676.9600	353791.5000	207570.8400	536560.0400
4	13:56:11	M 20475.1230	55.8335	930057.2500	182504.3200	321522.7200	346650.5900	200024.6200	522853.6400
5	13:56:53	20163.5310	50.0001	934475.4400	185312.7900	323130.6500	346275.4700	201776.1000	527833.3200
X		M 20587.7390	53.6668	945078.6400	186131.2200	325999.5600	351029.1100	204345.0800	531792.4100
%RSD		M 1.680	5.663	1.386	1.744	1.325	1.218	1.631	1.238
Run	**Time**	**103Rh**	**107Ag**	**108Mo O**	**109Ag**	**111Cd**	**114Cd**	**115In**	**118Sn**
1	13:54:05	1115394.0000	M 1116084.1000	15925.2020	1081064.4000	236244.3800	582570.5600	1045421.5000	544383.8100
2	13:54:47	1104273.8000	1104269.5000	15441.7940	M 1070005.5000	233974.1600	575900.0000	1037048.2000	538962.9100
3	13:55:29	1099227.4000	M 1106914.7000	15183.8200	M 1068963.7000	234128.4000	575257.8500	1035432.0000	540383.1000
4	13:56:11	1081000.7000	M 1094098.7000	15304.0400	M 1060044.9000	230462.0500	562336.5800	1022716.1000	531894.7500
5	13:56:53	1102329.9000	1095065.4000	15031.0440	1060938.7000	231051.8000	562710.6000	1018627.9000	532733.3600
X		1100445.1000	M 1103286.5000	15377.1800	M 1068203.5000	233172.1600	571755.1200	1031849.1000	537671.5800
%RSD		1.132	M 0.823	2.222	M 0.795	1.025	1.557	1.064	0.983
Run	**Time**	**121Sb**	**135Ba**	**137Ba**	**159Tb**	**203Tl**	**205Tl**	**206Pb**	**207Pb**
1	13:54:05	658211.9900	122427.7600	219295.4600	1804833.7000	1026841.4000	2580110.9000	839061.8200	728267.6300
2	13:54:47	649226.5100	122245.1000	215759.9400	1777137.0000	1025013.0000	2576450.9000	831466.6800	715823.1000
3	13:55:29	646344.9300	121187.3200	216662.9200	1781880.6000	1019958.0000	2557556.5000	831411.5600	721217.2600
4	13:56:11	645926.8000	121321.7600	214600.5800	1767632.7000	1008193.5000	2534845.9000	824792.2500	709799.0900
5	13:56:53	637687.0700	121238.0500	212064.3800	1750796.3000	1002400.6000	2514840.9000	816439.1900	706601.2100
X		647479.4600	121684.0000	215676.6600	1776456.1000	1016481.3000	2552761.0000	828634.3000	716341.6500
%RSD		1.140	0.494	1.233	1.116	1.054	1.089	1.024	1.217
Run	**Time**	**208Pb**	**209Bi**	**220Bkg**					
1	13:54:05	1816174.8000	1335900.8000	2.5000					
2	13:54:47	1808064.7000	1328081.2000	0.0000					
3	13:55:29	1775392.1000	1315395.5000	0.0000					
4	13:56:11	1787953.8000	1317443.0000	2.5000					
5	13:56:53	1769376.2000	1298530.8000	2.5000					
X		1791392.3000	1319070.3000	1.5000					
%RSD		1.132	1.074	91.287					

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	13:58:21	395077.4800	448101.4300	┬1427725.7000	825943.3200	110421.7600	128660.6000	┬1848864.5000	813630.9400
2	13:59:04	401102.8200	443776.4500	┬1412626.3000	818417.3300	105913.8100	126766.9100	┬1830019.2000	821940.0300
3	13:59:46	394369.2600	440772.3100	┬1399492.8000	816282.3900	109798.6100	128660.6000	┬1842301.2000	812267.0200
4	14:00:28	390877.0300	445946.1300	┬1430725.2000	823266.9100	109079.2600	129371.4800	┬1875716.0000	820230.7900
5	14:01:10	┬448080.4900	442266.7900	┬1432301.2000	827865.7700	110026.5900	127127.3400	┬1855814.9000	831538.3200
x		┬405901.4200	444172.6200	┬1420574.3000	822355.1400	109048.0100	128117.3900	┬1850543.2000	819921.4200
%RSD		┬5.879	0.656	┬0.995	0.597	1.668	0.870	┬0.918	0.939

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	13:58:21	26762.9060	613806.2900	77.5004	┬2557229.9000	┬2441401.7000	121648.9700	┬3388208.8000	1601580.9000
2	13:59:04	26958.5350	611167.5300	67.5003	┬2556262.4000	┬2499788.3000	122070.0700	┬3347167.8000	┬1613657.3000
3	13:59:46	27006.1890	602440.1300	42.5001	┬2517508.8000	┬2488832.2000	121613.4600	┬3371537.2000	1558168.8000
4	14:00:28	26660.0770	610581.8500	30.0001	┬2534505.0000	┬2499768.6000	121537.3600	┬3423919.0000	1585993.7000
5	14:01:10	26652.5530	621914.3400	50.0001	┬2554156.9000	┬2471314.2000	120114.4500	┬3406074.2000	1586344.6000
x		26808.0520	611982.0300	53.5002	┬2543932.6000	┬2480221.0000	121396.8600	┬3387381.4000	┬1589149.0000
%RSD		0.619	1.143	35.680	┬0.687	┬0.993	0.615	┬0.880	┬1.310

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	13:58:21	35560.7120	┬3132077.1000	695150.6700	1689344.0000	786316.2200	523603.6000	361188.0400	687.5284
2	13:59:04	35274.5000	┬3132286.6000	687755.7600	1678506.3000	782917.4700	517608.4100	359086.7600	669.1935
3	13:59:46	34965.7020	┬3107710.2000	695845.2000	1698412.6000	789192.4800	519463.6800	358844.1400	659.1927
4	14:00:28	35159.0130	┬3126336.3000	678563.6200	1700513.4000	785466.4100	522385.6100	361957.0200	634.1908
5	14:01:10	35372.4130	┬3121182.2000	679644.0700	1642843.7000	769948.6200	518732.6900	360133.8600	689.1952
x		35266.4680	┬3123918.5000	687391.8600	1681924.0000	782768.2400	520358.8000	360241.9600	667.8601
%RSD		0.634	┬0.325	1.195	1.398	0.959	0.487	0.371	3.392

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	13:58:21	61.6669	52.5002	917071.9800	157.5015	272.5045	335.0067	205.0025	435.0114
2	13:59:04	55.8335	57.5002	902069.3900	115.0008	230.0032	217.5028	135.0011	312.5059
3	13:59:46	65.0003	55.8335	908355.3500	105.0007	132.5011	150.0014	92.5005	235.0033
4	14:00:28	55.8335	44.1668	916548.8500	77.5004	95.0005	135.0011	95.0005	195.0023
5	14:01:10	53.3335	62.5002	910871.5500	50.0001	112.5008	105.0007	55.0002	132.5011
x		58.3335	54.5002	910983.4200	101.0007	168.5020	188.5025	116.5010	262.0048
%RSD		8.268	12.497	0.682	40.089	46.383	48.637	48.926	44.539

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	13:58:21	1068505.1000	977.5573	28350.6440	947.5539	442975.0400	1068677.8000	985645.0700	522.5164
2	13:59:04	1065338.0000	685.0282	28333.0840	672.5271	438876.4900	1055425.0000	998411.6800	295.0052
3	13:59:46	1067392.6000	585.0205	28822.2570	648.7753	441856.7000	1061640.2000	983101.8100	225.0030
4	14:00:28	1068162.6000	565.0192	28385.7630	602.5218	445047.4500	1070469.9000	988601.4400	167.5017
5	14:01:10	1071854.6000	873.7958	28819.7490	857.5441	442892.0500	1080093.6000	1009835.6000	150.0014
x		1068250.6000	737.2842	28542.2990	745.7844	442329.5500	1067261.3000	993119.1200	272.0055
%RSD		0.221	24.635	0.894	19.945	0.509	0.875	1.108	55.543

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	13:58:21	1261212.9000	232354.7900	411502.7600	1717720.4000	1955919.0000	┬4827178.6000	1604675.1000	1349247.9000
2	13:59:04	1240955.2000	228556.8900	408820.4600	1715287.2000	1965076.4000	┬4807134.7000	1585100.3000	1349318.0000
3	13:59:46	1249927.0000	232236.5600	411148.4000	1728811.7000	1975404.8000	┬4853136.3000	┬1595630.0000	1349002.5000
4	14:00:28	1262115.4000	233334.0900	414377.5900	1723553.5000	1992947.6000	┬4906922.4000	┬1611802.4000	1361481.2000
5	14:01:10	1260648.8000	233897.0400	416355.0900	1737693.7000	1989833.3000	┬4941599.9000	┬1632981.0000	1386179.7000
x		1254971.9000	232075.8700	412440.8600	1724613.3000	1975836.2000	┬4867194.4000	┬1606037.8000	1359045.9000
%RSD		0.739	0.898	0.714	0.522	0.801	┬1.149	┬1.126	1.183

Run	Time	208Pb	209Bi	220Bkg
1	13:58:21	┬3420276.7000	1270678.4000	2.5000
2	13:59:04	┬3407429.9000	┬1288968.0000	0.0000
3	13:59:46	┬3418230.3000	┬1291662.8000	0.0000
4	14:00:28	┬3463251.2000	┬1305021.1000	0.0000
5	14:01:10	┬3479935.0000	┬1321275.8000	0.0000
x		┬3437824.6000	┬1295521.2000	0.5000
%RSD		┬0.924	┬1.459	223.607

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	14:02:39	380635.5700	↑926025.8000	↑2796969.0000	↑1690812.4000	221705.4800	262484.8000	↑3710187.0000	↑1613555.6000
2	14:03:21	384619.0300	873682.1400	↑2722285.8000	↑1640511.7000	216839.9400	256410.0000	↑3699752.6000	↑1585065.2000
3	14:04:03	386158.6700	↑877521.2500	↑2756127.9000	↑1649091.4000	214249.2100	254595.6200	↑3622382.9000	↑1568125.9000
4	14:04:46	389912.5500	↑881980.3700	↑2793478.0000	↑1662852.6000	215613.7300	250318.9400	↑3632518.2000	↑1577802.9000
5	14:05:28	383806.1400	866345.5800	↑2779141.3000	↑1671869.7000	218158.7000	257781.3500	↑3648460.2000	↑1594760.2000
x		385026.3900	↑885111.0300	↑2769600.4000	↑1663027.6000	217313.4100	256318.1400	↑3662660.2000	↑1587861.9000
%RSD		0.882	↑2.664	↑1.117	↑1.184	1.312	1.735	↑1.089	↑1.094

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	14:02:39	54261.0830	592009.7100	30.0001	↑5093954.2000	↑4993310.3000	241123.6900	↑6753818.4000	↑3064881.9000
2	14:03:21	53191.7210	593941.4100	52.5002	↑5047745.7000	↑4998650.5000	238618.0900	↑6694171.0000	↑3069141.2000
3	14:04:03	52930.0630	597721.6100	30.0001	↑5007550.4000	↑4869285.5000	243426.7100	↑6666981.8000	↑3089362.6000
4	14:04:46	53428.2270	598315.8100	30.0001	↑4988543.5000	↑4887099.1000	241344.9600	↑6750998.6000	↑3132038.3000
5	14:05:28	53269.7170	598993.2200	45.0001	↑5007360.7000	↑4831766.7000	236725.2400	↑6647840.3000	↑3059423.4000
x		53416.1620	596196.3500	37.5001	↑5029030.9000	↑4916022.4000	240247.7400	↑6702762.0000	↑3082969.5000
%RSD		0.946	0.512	28.284	↑0.840	↑1.540	1.084	↑0.720	↑0.962

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	14:02:39	70161.6210	↑6312343.2000	1385235.3000	↑3399550.6000	1643670.4000	1084865.4000	732974.6800	630.8572
2	14:03:21	69854.0530	↑6056480.5000	1360986.9000	↑3323968.1000	1575699.9000	1049920.4000	720974.1800	635.0242
3	14:04:03	69238.9520	↑6113909.2000	1371558.1000	↑3308683.3000	1555693.9000	1034546.5000	711821.1200	690.8620
4	14:04:46	69526.3300	↑6107749.4000	1373576.0000	↑3357653.8000	1595794.9000	1054486.6000	721208.1900	687.5284
5	14:05:28	69475.9120	↑5993792.8000	1353946.3000	↑3298902.8000	1558608.2000	1044726.9000	718899.2300	666.6933
x		69651.3740	↑6116855.0000	1369060.5000	↑3337751.7000	1585893.5000	1053709.2000	721175.4800	662.1930
%RSD		0.517	↑1.953	0.881	↑1.232	2.273	1.797	1.056	4.274

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:02:39	38.3334	32.5001	892357.5100	102.5006	120.0009	112.5008	57.5002	207.5026
2	14:03:21	58.3335	50.8335	901511.0400	72.5003	102.5006	105.0007	70.0003	147.5013
3	14:04:03	53.3335	54.1668	907813.2800	87.5005	75.0003	110.0007	65.0003	190.0022
4	14:04:46	47.5001	51.6668	907921.6900	60.0002	85.0004	105.0007	62.5002	212.5027
5	14:05:28	62.5002	51.6668	910154.1500	60.0002	87.5005	92.5005	52.5002	155.0014
x		52.0002	48.1668	903951.5300	76.5004	94.0005	105.0007	61.5002	182.5020
%RSD		18.223	18.367	0.801	24.081	18.674	7.339	10.983	16.353

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	14:02:39	1049813.0000	282.5048	58323.3850	255.0039	913348.1300	2219407.4000	971328.8200	190.0022
2	14:03:21	1062944.2000	247.5037	57520.3330	217.5028	904651.8700	2215110.0000	976451.3100	160.0015
3	14:04:03	1063105.5000	246.2536	57794.7210	248.7537	900680.5300	2228310.1000	994952.2900	125.0009
4	14:04:46	1047206.1000	268.7543	58361.1480	271.2544	907297.6500	2234584.3000	992877.8700	147.5013
5	14:05:28	1046480.3000	323.7563	57469.9870	283.7548	908950.2700	2252578.3000	992619.6500	155.0014
x		1053909.8000	273.7545	57893.9150	255.2539	906985.6900	2229998.0000	985645.9900	155.5015
%RSD		0.798	11.619	0.739	9.864	0.522	0.660	1.108	15.099

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	14:02:39	2668226.9000	474209.1900	856485.2300	1690808.9000	↑4050071.0000	↑9971246.1000	↑3361702.1000	↑2842817.7000
2	14:03:21	2643206.9000	476512.6700	850957.1100	1715384.5000	↑4046767.1000	↑10006816.0000	↑3333013.9000	↑2829698.4000
3	14:04:03	2638409.3000	476073.6100	844353.3700	1717534.8000	↑4070346.1000	↑9975980.0000	↑3327276.2000	↑2846020.3000
4	14:04:46	↑2678708.4000	474219.7600	851415.5900	1729280.7000	↑4096734.7000	↑9993980.7000	↑3357792.7000	↑2868859.7000
5	14:05:28	2651798.4000	479195.1200	849835.8900	1732314.7000	↑4120003.0000	↑10091941.0000	↑3364289.7000	↑2864561.5000
x		↑2656070.0000	476042.0700	850609.4400	1717064.7000	↑4076784.4000	↑10007993.0000	↑3348814.9000	↑2850391.5000
%RSD		↑0.640	0.431	0.509	0.954	↑0.768	↑0.490	↑0.517	↑0.567

Run	Time	208Pb	209Bi	220Bkg
1	14:02:39	↑7033028.9000	1265631.1000	0.0000
2	14:03:21	↑7005942.5000	1276713.7000	0.0000
3	14:04:03	↑7026975.0000	1282938.6000	5.0000
4	14:04:46	↑7078845.6000	1291213.8000	2.5000
5	14:05:28	↑7086235.4000	1290170.5000	0.0000
x		↑7046205.5000	1281333.5000	1.5000
%RSD		↑0.493	0.824	149.071

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	14:06:57	378329.0200	T 2129853.9000	T 6645942.8000	T 3990550.2000	525529.3300	623278.3100	T 8624573.8000	T 3694220.5000
2	14:07:39	387411.5300	T 2170241.6000	T 6767059.4000	T 4056900.1000	532469.7900	621588.8500	T 8787231.2000	T 3778466.4000
3	14:08:21	395659.1300	T 2173004.6000	T 6760484.2000	T 4062855.4000	543882.6200	630954.9700	T 8989057.4000	T 3811209.6000
4	14:09:03	397137.8700	TM 2271247.7000	T 7006344.0000	T 4167225.3000	554627.2700	643701.6200	T 9218966.7000	T 3893851.6000
5	14:09:45	T 461921.1700	TM 2308267.7000	T 7271675.4000	T 4279502.0000	566529.2500	660005.8800	T 9335645.8000	T 3995289.0000
X		T 404091.7400	TM 2210523.1000	T 6890301.2000	T 4111406.6000	544607.6500	635905.9300	T 8991095.0000	T 3834607.4000
%RSD		T 8.213	TM 3.414	T 3.633	T 2.755	3.035	2.524	T 3.274	T 2.994

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	14:06:57	127020.7300	585327.8300	47.5001	T 12237205.0000	TM 12016183.0000	590023.4900	TM 16396932.0000	T 7198912.0000
2	14:07:39	129869.1400	598082.4200	35.0001	T 12315528.0000	T 12012202.0000	589093.5300	T 16430728.0000	T 7372675.2000
3	14:08:21	131080.3800	595790.4000	57.5002	T 12405195.0000	T 12001581.0000	599634.4700	TM 16774266.0000	T 7502439.3000
4	14:09:03	133424.6500	610913.6400	65.0003	TM 12889018.0000	T 12419746.0000	609057.3800	T 16881953.0000	T 7638241.0000
5	14:09:45	135690.8000	608970.0800	72.5003	TM 13010553.0000	TM 12582709.0000	618877.8100	TM 16975355.0000	T 7697912.6000
X		131417.1400	599816.8700	55.5002	TM 12571500.0000	TM 12206484.0000	601337.3400	TM 16691847.0000	T 7482036.0000
%RSD		2.528	1.741	26.535	TM 2.808	TM 2.255	2.117	TM 1.581	T 2.702

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	14:06:57	165879.6900	T 14687386.0000	T 3281050.1000	T 7954332.4000	T 3768149.4000	T 2394250.1000	1750725.0000	650.0254
2	14:07:39	170200.5200	T 15027747.0000	T 3342393.7000	T 8037898.4000	T 3788590.5000	T 2383104.2000	1773721.0000	689.1952
3	14:08:21	171682.9700	T 15032273.0000	TM 3401779.2000	T 8115414.2000	T 3821150.6000	T 2434715.9000	M 1793028.0000	707.5300
4	14:09:03	*173898.2000*	TM *15643121.0000*	TM *3544313.0000*	TM *8317119.1000*	T *3866534.6000*	T *2451682.6000*	*1801611.0000*	679.1943
5	14:09:45	176290.1800	TM 15781654.0000	TM 3524576.5000	TM 8411625.6000	TM 3986133.9000	T 2482597.9000	M 1832272.8000	671.6937
X		171590.3100	TM 15234436.0000	TM 3418822.5000	TM 8167277.9000	TM 3846111.8000	T 2429270.1000	M 1790271.5000	679.5277
%RSD		2.294	TM 3.025	TM 3.336	TM 2.347	TM 2.253	T 1.689	M 1.708	3.130

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:06:57	70.0003	53.3335	883421.4200	132.5011	180.0019	255.0039	145.0013	397.5095
2	14:07:39	57.5002	54.1668	895124.5000	147.5013	207.5026	210.0027	105.0007	327.5064
3	14:08:21	54.1668	49.1668	891353.0600	122.5009	230.0032	225.0030	107.5007	395.0094
4	14:09:03	67.5003	44.1668	903161.1900	160.0015	170.0017	212.5027	120.0009	365.0080
5	14:09:45	53.3335	57.5002	898872.5600	190.0022	225.0030	175.0018	85.0004	440.0116
X		60.5002	51.6668	894386.5400	150.5014	202.5025	215.5028	112.5008	385.0090
%RSD		12.796	9.943	0.842	17.478	13.182	13.389	19.626	10.856

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	14:06:57	1037313.4000	122.5009	138440.4700	101.2506	2223475.5000	T 5224557.6000	976935.9800	317.5061
2	14:07:39	1038915.8000	97.5006	136892.7200	107.5007	2214611.0000	T 5185226.6000	977401.0700	287.5050
3	14:08:21	1049914.7000	126.2510	139380.9600	101.2506	2245812.5000	T 5244874.1000	981882.3200	300.0054
4	14:09:03	1052661.0000	148.7513	142185.2400	132.5011	2276857.2000	T 5287447.8000	974280.4000	357.5077
5	14:09:45	1058074.0000	151.2514	141862.3000	158.7515	2282800.1000	T 5395638.7000	989412.2300	340.0069
X		1047375.8000	129.2510	139752.3400	120.2509	2248711.3000	T 5267548.9000	979982.4000	320.5062
%RSD		0.856	16.981	1.616	20.860	1.364	T 1.529	0.606	8.918

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	14:06:57	T 6368785.8000	1168756.1000	M 2129697.6000	1686939.6000	T 9583864.4000	T 23620177.0000	T 7864522.2000	T 6692142.5000
2	14:07:39	T 6374418.0000	1163226.7000	2114031.4000	1690560.2000	T 9616917.3000	T 23532217.0000	T 7843034.1000	T 6708183.5000
3	14:08:21	T *6439088.0000*	M *1175624.1000*	*2115006.0000*	*1675272.0000*	TM *9741956.2000*	T *23775938.0000*	T *7900748.2000*	T *6723943.5000*
4	14:09:03	TM 6492020.2000	M 1187608.3000	M 2158980.8000	1681756.9000	TM 9771479.3000	T 23907640.0000	T 7913376.6000	T 6719167.8000
5	14:09:45	TM 6555120.2000	M 1193299.3000	M 2154800.1000	1670459.0000	TM 9757614.3000	T 24048336.0000	T 7977503.4000	T 6755435.5000
X		TM 6445886.4000	M 1177702.9000	M 2134503.2000	1680997.5000	TM 9694366.3000	T 23776861.0000	T 7899836.9000	T 6719774.6000
%RSD		TM 1.230	M 1.070	M 1.003	0.490	TM 0.900	T 0.880	T 0.654	T 0.348

Run	Time	208Pb	209Bi	220Bkg
1	14:06:57	T 16693297.0000	1230956.0000	0.0000
2	14:07:39	T 16632047.0000	1237349.7000	0.0000
3	14:08:21	T 16734111.0000	1231170.8000	2.5000
4	14:09:03	T 16818696.0000	1225706.3000	2.5000
5	14:09:45	T 16911040.0000	1226678.7000	10.0000
X		T 16757838.0000	1230372.3000	3.0000
%RSD		T 0.652	0.375	136.931

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	14:11:14	371825.0400	1525.9730	↑65692717.0000	↑38812141.0000	↑5238823.7000	↑6160808.0000	↑83288097.0000	↑35871571.0000
2	14:11:57	371954.8100	1109.2405	↑67004648.0000	↑39862031.0000	↑5433115.6000	↑6236459.3000	↑84144952.0000	↑36106072.0000
3	14:12:39	368904.4400	599.1882	↑68962070.0000	↑40763273.0000	↑5516767.1000	↑6372465.0000	↑86505490.0000	↑36507118.0000
4	14:13:21	372793.5700	290.0051	↑68068939.0000	↑40578859.0000	↑5508092.1000	↑6404307.2000	↑85358847.0000	↑37190762.0000
5	14:14:04	366588.0000	176.6685	↑70497626.0000	↑41618992.0000	↑5629197.5000	↑6537121.8000	↑88424457.0000	↑38503447.0000
x		370413.1700	740.2151	↑68045200.0000	↑40327059.0000	↑5465199.2000	↑6342232.3000	↑85544369.0000	↑36835794.0000
%RSD		0.701	76.831	↑2.697	↑2.611	↑2.646	↑2.323	↑2.360	↑2.872

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	14:11:14	↑1345945.5000	561768.8900	30.0001	8559.3935	11007.2650	↑4047268.3000	13365.7100	↑68399640.0000
2	14:11:57	1306725.8000	586051.1000	35.0001	6014.6698	9077.4413	↑4036266.8000	10313.8790	↑68621889.0000
3	14:12:39	↑1402478.5000	586304.2600	45.0001	3340.6695	6192.2998	↑4176746.2000	6880.3392	↑70212286.0000
4	14:13:21	↑1441368.1000	594071.4500	25.0000	1570.1479	4478.7032	↑4174390.1000	5004.0020	↑71224305.0000
5	14:14:04	↑1447424.5000	593308.6300	42.5001	795.0379	3950.9364	↑4214811.0000	3968.4447	↑71495661.0000
x		↑1388788.5000	584300.8700	35.5001	4055.9837	6941.3291	↑4129896.5000	7906.4749	↑69990756.0000
%RSD		↑4.404	2.250	23.568	79.359	43.615	↑1.989	49.223	↑2.051

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	14:11:14	1649583.5000	12156.3600	2885.4995	6394.9528	3265.6397	2397.8449	1167.5818	686.6950
2	14:11:57	↑1682039.2000	9713.1574	2402.8464	5279.1716	2495.3736	2115.2684	875.0459	715.8641
3	14:12:39	↑1697159.3000	5942.1178	1615.1565	3333.1665	1562.6465	1410.1193	487.5143	742.5331
4	14:13:21	↑1759799.3000	4171.0436	1245.0930	2207.7924	1020.0624	1167.5818	232.5032	730.0320
5	14:14:04	↑1761232.4000	3495.7331	932.5522	1530.1405	862.5446	967.5562	120.8342	800.8718
x		↑1709962.7000	7095.6824	1816.2295	3749.0448	1841.2534	1611.6741	576.6959	735.1992
%RSD		↑2.880	52.403	44.688	54.687	55.430	38.304	76.198	5.739

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:11:14	39.1668	46.6668	826529.9200	20.0000	25.0000	70.0003	15.0000	47.5001
2	14:11:57	51.6668	56.6669	840104.4300	30.0001	50.0001	47.5001	22.5000	50.0001
3	14:12:39	51.6668	45.8335	854564.7700	25.0000	30.0001	45.0001	15.0000	32.5001
4	14:13:21	49.1668	50.8335	858853.9100	17.5000	47.5001	60.0002	15.0000	42.5001
5	14:14:04	61.6669	46.6668	868442.9600	15.0000	22.5000	60.0002	22.5000	55.0002
x		50.6668	49.3335	849699.2000	21.5000	35.0001	56.5002	18.0000	45.5001
%RSD		15.836	9.206	1.941	28.004	36.770	18.136	22.822	18.794

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	14:11:14	952620.2200	58.7502	110.0007	45.0001	1297.6010	3353.1745	895354.8900	60.0002
2	14:11:57	963741.5800	58.7502	65.0003	37.5001	991.3090	2400.3456	914189.5800	55.0002
3	14:12:39	990397.0600	48.7501	27.5000	37.5001	466.2630	1192.5853	921934.6800	47.5001
4	14:13:21	992863.8400	48.7501	15.0000	68.7503	207.5026	497.5149	933282.1700	92.5005
5	14:14:04	998953.7400	78.7504	5.0000	70.0003	117.5008	265.0042	944105.5800	45.0001
x		979715.2900	58.7502	44.5002	51.7502	616.0353	1541.7249	921773.3800	60.0002
%RSD		2.071	20.847	96.851	31.660	82.900	84.948	2.020	31.869

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	14:11:14	4096.0064	765.0351	1310.1030	1553760.6000	6264.8540	15152.5130	4786.3742	4346.1330
2	14:11:57	2827.9798	537.5173	905.0491	1570693.6000	4431.1778	10731.9060	3765.8507	3130.5879
3	14:12:39	1562.6465	300.0054	552.5183	1580801.9000	2615.4104	6153.5211	1872.7104	1702.6739
4	14:13:21	657.5259	127.5010	302.5055	1606946.9000	1337.6073	3076.8179	997.5597	717.5309
5	14:14:04	340.0069	95.0005	135.0011	1628502.4000	777.5363	1863.9584	495.0147	385.0089
x		1896.8331	365.0119	641.0354	1588141.1000	3085.3172	7395.7434	2383.5019	2056.3869
%RSD		82.412	77.890	73.826	1.869	73.414	74.703	76.884	81.037

Run	Time	208Pb	209Bi	220Bkg
1	14:11:14	10474.0780	1107867.1000	0.0000
2	14:11:57	7553.4217	1121639.9000	0.0000
3	14:12:39	4238.5777	1130620.7000	0.0000
4	14:13:21	1990.2376	1143500.9000	0.0000
5	14:14:04	1152.5797	1155559.3000	0.0000
x		5081.7790	1131837.6000	0.0000
%RSD		76.778	1.640	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	14:15:33	342401.9100	95.0005	T 131709660.0000	T 77651132.0000	T 10628048.0000	T 12425884.0000	TM 168358690.0000	T 71793834.0000
2	14:16:16	342939.1700	65.8336	T 132619020.0000	T 78193136.0000	TM 10834457.0000	TM 12617180.0000	T 168329320.0000	TM 73465830.0000
3	14:16:58	353853.2000	56.6669	TM 136274030.0000	TM 80715879.0000	TM 11045652.0000	TM 12836572.0000	TM 171883180.0000	TM 75346666.0000
4	14:17:40	352136.9200	46.6668	T 134391510.0000	T 80521742.0000	T 10951776.0000	T 12846770.0000	T 170826980.0000	T 74425926.0000
5	14:18:22	354848.3800	34.1667	TM 137890130.0000	T 81562985.0000	T 11130164.0000	TM 13114168.0000	TM 174928470.0000	TM 77094835.0000
x		349235.9100	59.6669	TM 134576870.0000	TM 79728975.0000	TM 10918019.0000	TM 12768115.0000	TM 170865330.0000	TM 74425418.0000
%RSD		1.739	38.536	TM 1.893	TM 2.140	TM 1.794	TM 2.037	TM 1.610	TM 2.672

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	14:15:33	T 2732280.1000	568097.0200	32.5001	597.5214	5799.5174	T 8014186.6000	5817.0296	TM 137051430.0000
2	14:16:16	TM 2816875.2000	572158.7700	67.5003	552.5183	5636.9058	TM 8130368.4000	6717.7066	TM 138194780.0000
3	14:16:58	TM 2831655.9000	581728.4300	85.0004	415.0103	5794.5139	TM 8231062.0000	5969.6374	TM 139619790.0000
4	14:17:40	TM 2862074.3000	585649.2700	52.5002	295.0052	5937.1142	T 8151121.7000	5909.5947	T 138968160.0000
5	14:18:22	TM 2910233.5000	593169.2100	62.5002	267.5043	5729.4689	TM 8485572.0000	6162.2776	TM 142620310.0000
x		TM 2830623.8000	580160.5400	60.0002	425.5119	5779.5040	TM 8202462.1000	6115.2492	TM 139290890.0000
%RSD		TM 2.316	1.748	32.275	34.823	1.901	TM 2.149	5.882	TM 1.502

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	14:15:33	TM 3336372.3000	4998.9989	1407.6189	1537.6418	900.0486	950.0542	97.5006	775.0360
2	14:16:16	TM 3382770.8000	4823.8958	1462.6283	1645.1624	837.5421	952.5544	84.1671	760.8681
3	14:16:58	T 3380029.3000	4946.4676	1497.6346	1517.6382	730.0320	1010.0612	69.1670	829.2079
4	14:17:40	T 3372407.0000	4621.2810	1485.1323	1525.1396	730.0320	935.0525	60.8336	860.8778
5	14:18:22	TM 3455400.9000	4978.9870	1545.1432	1545.1432	780.0365	995.0594	79.1670	925.0513
x		TM 3385396.1000	4873.9261	1479.6315	1554.1450	795.5382	968.5563	78.1670	830.2082
%RSD		TM 1.280	3.216	3.400	3.345	9.218	3.324	18.004	8.033

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:15:33	47.5001	67.5003	821664.7700	60.0002	62.5002	137.5011	32.5001	65.0003
2	14:16:16	40.0001	58.3335	834782.3700	42.5001	77.5004	140.0012	42.5001	87.5005
3	14:16:58	47.5001	62.5002	840851.9800	55.0002	75.0003	72.5003	47.5001	95.0005
4	14:17:40	39.1668	56.6669	845495.9700	67.5003	105.0007	137.5011	32.5001	55.0002
5	14:18:22	50.8335	60.8336	849424.4500	67.5003	102.5006	105.0007	37.5001	72.5003
x		45.0001	61.1669	838443.9100	58.5002	84.5004	118.5009	38.5001	75.0003
%RSD		11.416	6.853	1.294	17.775	21.882	24.900	16.933	21.731

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	14:15:33	941554.7400	46.2501	5.0000	67.5003	46.2501	95.0005	904083.6300	82.5004
2	14:16:16	960933.3600	65.0003	2.5000	53.7502	22.5000	70.0003	904970.0400	110.0007
3	14:16:58	966948.0800	61.2502	5.0000	52.5002	16.2500	50.0001	915277.3200	80.0004
4	14:17:40	969111.5900	97.5006	2.5000	61.2502	13.7500	35.0001	929210.1000	87.5005
5	14:18:22	972574.8600	88.7505	2.5000	66.2503	15.0000	30.0001	923591.4500	85.0004
x		962224.5300	71.7503	3.5000	60.2502	22.7500	56.0002	915426.5100	89.0005
%RSD		1.279	29.220	39.123	11.495	59.610	47.833	1.215	13.559

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	14:15:33	220.0029	67.5003	145.0013	1550068.4000	400.0096	948.8040	315.0060	265.0042
2	14:16:16	182.5020	52.5002	130.0010	1557385.6000	352.5075	888.7974	227.5031	162.5016
3	14:16:58	147.5013	62.5002	115.0008	1569966.2000	362.5079	835.0418	212.5027	170.0017
4	14:17:40	132.5011	47.5001	97.5006	1563141.3000	306.2556	695.0290	172.5018	145.0013
5	14:18:22	157.5015	42.5001	112.5008	1572618.5000	301.2555	635.0242	125.0009	100.0006
x		168.0018	54.5002	120.0009	1562636.0000	344.5072	800.5393	210.5029	168.5019
%RSD		20.415	19.024	15.095	0.589	11.970	16.465	33.565	35.849

Run	Time	208Pb	209Bi	220Bkg
1	14:15:33	647.5252	1086347.3000	0.0000
2	14:16:16	552.5183	1101244.5000	0.0000
3	14:16:58	442.5118	1100382.2000	0.0000
4	14:17:40	332.5066	1106941.7000	0.0000
5	14:18:22	265.0042	1114702.5000	0.0000
x		448.0132	1101923.6000	0.0000
%RSD		34.864	0.945	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	14:19:52	┬459868.9100	46194.3480	┬3181925.7000	1141054.7000	149005.3500	171823.3200	1129363.7000	┬1794913.9000
2	14:20:34	403534.4300	45215.6690	┬3085364.5000	1111479.0000	145489.0300	170700.6000	1101025.7000	┬1789579.8000
3	14:21:16	399069.4400	45782.0820	┬3080721.2000	1112360.9000	146903.5300	169001.4900	┬1047630.6000	┬1771108.8000
4	14:21:57	404948.0900	48343.1510	┬3140203.4000	1104506.9000	145504.3000	172078.5000	┬1049460.6000	┬1770153.7000
5	14:22:39	404837.9300	47774.8880	┬3113224.6000	┬1120512.7000	146786.4900	170266.8600	1047734.2000	┬1783074.4000
x		┬414451.7600	46662.0280	┬3120287.9000	┬1117982.8000	146737.7400	170774.1500	┬1075043.0000	┬1781766.1000
%RSD		┬6.153	2.865	┬1.344	┬1.260	0.979	0.729	┬3.535	┬0.617

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	14:19:52	59061.0530	640821.8800	17.5000	266233.4500	257356.0000	100844.0000	345606.0200	┬1844776.4000
2	14:20:34	58562.5540	650227.7400	45.0001	268223.2500	259003.3700	100707.3600	352209.0400	┬1838387.4000
3	14:21:16	58177.3700	647637.2100	32.5001	266636.0200	257853.5300	99409.4180	348977.2400	┬1789260.6000
4	14:21:57	58207.5800	661244.8000	30.0001	266692.7900	267492.8300	99164.0200	351140.3200	┬1804271.6000
5	14:22:39	59912.0960	661215.0700	27.5000	274027.5900	262827.8600	98991.9930	354860.5400	┬1800632.6000
x		58784.1310	652229.3400	30.5001	268362.6200	260906.7200	99823.3590	350558.6300	┬1815465.7000
%RSD		1.232	1.365	32.478	1.213	1.633	0.885	0.994	┬1.354

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	14:19:52	39330.0930	329952.8200	73265.6620	177319.1700	83799.2310	111949.4400	77472.6210	21246.2160
2	14:20:34	40490.6310	335456.1300	74097.9720	177648.5700	84034.0780	112876.8300	77702.2440	21451.7420
3	14:21:16	38684.5820	331078.6800	74415.7860	176402.5200	82976.0550	111974.7800	77780.4690	21731.6320
4	14:21:57	38923.1890	336090.9600	74582.2640	181650.9800	84743.7100	115058.8700	79196.2090	21806.8280
5	14:22:39	38355.5660	338594.3000	74171.1190	178687.9400	84523.9950	113639.5900	78811.7570	21935.4990
x		39156.8120	334234.5800	74106.5610	178341.8300	84015.4140	113099.9000	78192.6600	21634.3830
%RSD		2.109	1.081	0.686	1.134	0.824	1.150	0.974	1.295

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:19:52	8480.1459	44.1668	959079.4200	78492.9360	136765.6600	146183.5300	86163.1540	221361.5200
2	14:20:34	8486.8194	52.5002	951729.0000	77645.0480	137497.5500	147521.8000	85968.6610	220075.6200
3	14:21:16	8652.8233	48.3335	963719.2000	77915.0500	136905.4200	146776.3100	85039.1970	221646.4400
4	14:21:57	8579.4141	50.0001	967656.1300	78510.6010	137238.3300	148710.1500	86365.2300	221305.0500
5	14:22:39	8516.0158	65.8336	958978.7600	77829.2540	138071.9300	148794.1300	86367.7560	222175.2500
x		8543.0437	52.1668	960232.5000	78078.5780	137295.7800	147597.1800	85980.8000	221312.7800
%RSD		0.853	15.757	0.622	0.510	0.378	0.784	0.642	0.349

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	14:19:52	1110608.6000	213851.6900	3120.5842	207312.0100	46289.4570	110594.0200	1023496.2000	40.0001
2	14:20:34	1108654.8000	216904.0800	3235.6280	210819.6300	46705.5190	110687.7600	1028767.4000	35.0001
3	14:21:16	1122007.3000	217894.4200	3118.0832	210358.1900	46494.3430	109527.5800	1023944.0000	50.0001
4	14:21:57	1128867.7000	220935.4300	3210.6184	213214.4200	46674.0930	110659.8900	1037110.3000	45.0001
5	14:22:39	1123180.7000	218112.5100	3160.5992	212699.0000	47107.7730	112007.7200	1032293.6000	45.0001
x		1118663.8000	217539.6300	3169.1026	210880.6500	46654.2370	110695.3900	1029122.3000	43.0001
%RSD		0.775	1.172	1.668	1.106	0.650	0.795	0.559	13.258

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	14:19:52	254144.6600	24493.4430	43573.6230	1777942.3000	404500.8900	989361.7300	317952.0600	284210.2700
2	14:20:34	256495.0500	24626.3340	44561.3250	1780937.2000	408593.4700	998157.5100	321811.0300	283088.0200
3	14:21:16	257484.8900	25022.5110	44033.5310	1766415.5000	409107.8100	994671.5600	318679.0600	283439.6800
4	14:21:57	256737.3500	24734.1520	44036.0440	1784984.1000	411413.5100	1007402.0000	322889.0500	283486.2200
5	14:22:39	257193.6000	25834.9850	44340.1500	1769412.9000	407735.4400	1004561.6000	321283.7600	284523.1800
x		256411.1100	24942.2850	44108.9340	1775938.4000	408270.2200	998830.8900	320522.9900	283749.4700
%RSD		0.516	2.148	0.845	0.440	0.615	0.732	0.659	0.210

Run	Time	208Pb	209Bi	220Bkg
1	14:19:52	693232.8700	1299458.9000	0.0000
2	14:20:34	692671.4400	1304465.6000	0.0000
3	14:21:16	694627.1000	1298814.0000	0.0000
4	14:21:57	699872.3900	1304145.9000	0.0000
5	14:22:39	694545.7200	1297928.0000	0.0000
x		694989.9000	1300962.5000	0.0000
%RSD		0.411	0.238	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	14:24:10	415940.1200	85.8338	43752.0540	3105.5786	415.0103	470.0133	9705.6487	74370.3830
2	14:24:52	r 475655.8600	67.5003	40500.6800	1990.2376	240.0035	305.0056	7443.3227	72718.4000
3	14:25:34	421978.4600	45.0001	37978.8470	1410.1193	215.0028	230.0032	6179.7905	72468.7390
4	14:26:16	417146.5700	51.6668	36760.9030	950.0542	110.0007	120.0009	5324.2003	71613.8960
5	14:26:58	r 485950.8600	42.5001	35816.8060	700.0294	100.0006	140.0012	4928.9572	71752.5820
X		r 443334.3800	58.5002	38961.8580	1631.2038	216.0036	253.0048	6716.3839	72584.8000
%RSD		r 7.776	30.971	8.219	58.822	58.958	56.171	28.722	1.518

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	14:24:10	515.0159	666494.2700	25.0000	790.0375	1102.5729	2622.9127	460.0127	113441.9200
2	14:24:52	447.5120	669962.7800	20.0000	535.0172	1137.5776	2427.8536	327.5064	111810.0900
3	14:25:34	417.5105	677893.4900	30.0001	340.0069	1172.5825	2445.3587	222.5030	112656.3700
4	14:26:16	372.5083	673807.4700	17.5000	237.5034	980.0576	2360.3342	195.0023	112311.7700
5	14:26:58	320.0061	680000.1800	25.0000	155.0014	1002.5603	2295.3161	130.0010	111528.8600
X		414.5106	673631.6400	23.5000	411.5133	1079.0702	2430.3551	267.0051	112349.8000
%RSD		17.849	0.824	20.738	61.922	7.806	5.058	48.416	0.668

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	14:24:10	650.0254	300.0054	107.5007	1207.5875	427.5110	505.0153	55.8335	845.8763
2	14:24:52	710.0303	182.5020	62.5002	1057.5671	350.0074	472.5134	53.3335	882.5467
3	14:25:34	760.0347	160.0015	57.5002	1007.5609	367.5081	495.0147	39.1668	875.0459
4	14:26:16	727.5318	132.5011	27.5000	890.0475	387.5090	550.0181	27.5000	896.7149
5	14:26:58	672.5271	87.5005	55.0002	897.5483	405.0098	480.0138	28.3334	893.3812
X		704.0298	172.5021	62.0003	1012.0623	387.5091	500.5151	40.8334	878.7130
%RSD		6.205	46.139	46.537	12.913	7.862	6.081	32.812	2.308

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:24:10	40.8334	45.8335	965168.4200	87.5005	135.0011	115.0008	90.0005	235.0033
2	14:24:52	78.3337	40.0001	971477.2200	37.5001	70.0003	110.0007	50.0001	115.0008
3	14:25:34	56.6669	50.0001	993879.9300	42.5001	50.0001	47.5001	37.5001	50.0001
4	14:26:16	52.5002	50.8335	981548.7400	37.5001	37.5001	45.0001	17.5000	65.0003
5	14:26:58	45.8335	57.5002	992776.8300	32.5001	45.0001	45.0001	12.5000	55.0002
X		54.8335	48.8335	980970.2300	47.5002	67.5003	72.5004	41.5001	104.0009
%RSD		26.398	13.251	1.296	47.660	58.678	50.444	74.830	74.667

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	14:24:10	1124832.9000	255.0039	10.0000	188.7521	45.0001	107.5007	1037020.0000	42.5001
2	14:24:52	1138118.4000	138.7512	5.0000	126.2510	27.5000	50.0001	1047971.4000	25.0000
3	14:25:34	1145425.3000	96.2506	2.5000	87.5005	25.0000	40.0001	1057559.4000	22.5000
4	14:26:16	1157614.9000	72.5003	10.0000	48.7501	11.2500	50.0001	1053805.5000	37.5001
5	14:26:58	1169400.3000	58.7502	0.0000	56.2502	16.2500	25.0000	1078557.4000	35.0001
X		1147078.3000	124.2512	5.5000	101.5008	25.0000	54.5002	1054982.7000	32.5001
%RSD		1.502	63.702	81.312	56.707	51.841	57.514	1.450	26.086

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	14:24:10	280.0047	17.5000	40.0001	1764654.3000	472.5134	1232.5912	335.0067	265.0042
2	14:24:52	165.0016	15.0000	32.5001	1786081.1000	405.0098	970.0565	240.0035	192.5022
3	14:25:34	130.0010	12.5000	12.5000	1795613.7000	341.2570	808.7893	155.0014	125.0009
4	14:26:16	105.0007	12.5000	20.0000	1810749.9000	300.0054	787.5372	135.0011	100.0006
5	14:26:58	82.5004	7.5000	7.5000	1844621.1000	252.5038	685.0282	95.0005	82.5004
X		152.5017	13.0000	22.5000	1800344.0000	354.2579	896.8004	192.0027	153.0017
%RSD		50.873	28.524	60.349	1.659	24.457	23.828	49.944	49.202

Run	Time	208Pb	209Bi	220Bkg
1	14:24:10	730.0320	1291518.6000	0.0000
2	14:24:52	465.0130	1306645.9000	0.0000
3	14:25:34	302.5055	1307868.5000	0.0000
4	14:26:16	260.0041	1334585.4000	0.0000
5	14:26:58	152.5014	1337699.2000	0.0000
X		382.0112	1315663.5000	0.0000
%RSD		58.810	1.505	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	14:28:28	325950.6900	119.1675	T 127619480.0000	T 75923410.0000	T 10450900.0000	T 12160463.0000	TM 164211050.0000	TM 71427730.0000
2	14:29:10	323393.9100	115.0008	T 125205490.0000	T 75510069.0000	TM 10432241.0000	TM 12183633.0000	TM 162840160.0000	TM 71357143.0000
3	14:29:52	312307.0000	120.0009	T 126021730.0000	T 75846765.0000	T 10313649.0000	T 12019219.0000	T 161364630.0000	TM 71636551.0000
4	14:30:34	316885.0500	112.5008	T 126575650.0000	T 75376023.0000	TM 10530730.0000	TM 12285091.0000	TM 165277240.0000	TM 72640041.0000
5	14:31:16	314681.3600	123.3343	T 127588130.0000	TM 76559387.0000	TM 10529525.0000	TM 12372779.0000	TM 167763100.0000	TM 72579960.0000
X		318643.6000	118.0008	T 126602100.0000	TM 75843131.0000	TM 10451409.0000	TM 12204237.0000	TM 164291230.0000	TM 71928285.0000
%RSD		1.823	3.622	T 0.819	TM 0.607	TM 0.852	TM 1.096	TM 1.482	TM 0.877

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	14:28:28	TM 2758862.1000	556142.1500	335966.0700	6595.1087	45825.6540	TM 8081015.2000	23004.2080	TM 136698360.0000
2	14:29:10	TM 2730508.0000	551131.3800	329614.8400	6712.7025	45896.0400	TM 8062761.3000	23480.5340	TM 136347280.0000
3	14:29:52	TM 2780010.9000	553234.0800	331754.7900	6695.1885	45033.8550	TM 8111848.1000	23071.8950	TM 137471800.0000
4	14:30:34	TM 2777888.2000	556134.1400	329750.0300	7155.5708	45732.6450	TM 8094659.5000	23227.3250	TM 138231860.0000
5	14:31:16	TM 2821510.0000	552646.9800	327930.2900	6855.3186	45978.9950	TM 8230816.1000	23623.4370	TM 138192690.0000
X		TM 2773755.8000	553857.7500	331003.2000	6802.7778	45693.4380	TM 8116220.1000	23281.4800	TM 137388400.0000
%RSD		TM 1.200	0.401	0.933	3.204	0.831	TM 0.820	1.137	TM 0.622

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	14:28:28	TM 3352925.4000	3868.3977	4005.9626	12006.1430	6237.3334	5269.1653	250.8371	748.3669
2	14:29:10	TM 3278363.8000	3760.8484	3623.2875	12166.3750	5902.0893	5289.1780	270.8377	773.3692
3	14:29:52	TM 3331470.8000	3813.3723	3655.8017	11860.9350	6187.2961	5301.6859	338.3402	700.8628
4	14:30:34	TM 3353153.9000	3595.7756	3765.8507	11850.9210	6144.7647	5326.7019	272.5045	725.0315
5	14:31:16	TM 3330847.7000	3778.3564	3750.8439	12216.4480	6007.1644	5539.3404	288.3383	803.3721
X		TM 3329352.3000	3763.3501	3760.3493	12020.1640	6095.7296	5345.2143	284.1716	750.2005
%RSD		TM 0.917	2.718	3.993	1.405	2.264	2.067	11.640	5.346

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:28:28	40.0001	59.1669	832221.7600	690927.7200	1239757.5000	1332122.8000	761103.8500	2035801.0000
2	14:29:10	45.0001	77.5004	822697.0500	692826.0300	1228507.3000	1314192.2000	756209.4500	2009507.8000
3	14:29:52	62.5002	65.8336	826001.1500	690504.7300	1218013.8000	1308674.0000	755040.2300	2010647.4000
4	14:30:34	47.5001	72.5003	838791.5400	702717.5200	1252070.9000	1349493.3000	774601.6100	2061868.4000
5	14:31:16	45.0001	60.8336	834368.8700	700518.4400	1246224.0000	1337214.9000	774566.0200	2047150.3000
X		48.0001	67.1669	830816.0700	695498.8900	1236914.7000	1328339.4000	764304.2300	2032995.0000
%RSD		17.815	11.559	0.778	0.821	1.109	1.264	1.263	1.125

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	14:28:28	957114.0500	62.5002	902.5489	58.7502	1037.5646	1882.7127	909080.9400	142.5012
2	14:29:10	951390.9700	48.7501	852.5436	62.5002	993.8093	1692.6719	917545.0500	152.5014
3	14:29:52	947556.2400	51.2502	800.0384	60.0002	1032.5640	1660.1654	916615.6300	160.0015
4	14:30:34	960908.1900	62.5002	865.0449	48.7501	1052.5665	1682.6699	929625.3000	185.0021
5	14:31:16	955436.9800	41.2501	745.0333	40.0001	1048.8160	1765.1869	933301.6800	175.0018
X		954481.2800	53.2502	833.0418	54.0002	1033.0641	1736.6813	921233.7200	163.0016
%RSD		0.541	17.298	7.368	17.430	2.265	5.218	1.084	10.481

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	14:28:28	1315.1038	312.5059	635.0242	1595446.7000	727.5318	1676.4186	6582.5988	5349.2163
2	14:29:10	1377.6139	330.0065	617.5229	1592268.6000	571.2696	1485.1323	6437.4855	5316.6955
3	14:29:52	1325.1053	295.0052	585.0205	1607493.8000	452.5123	1218.8391	6502.5360	5479.3008
4	14:30:34	1357.6106	310.0058	642.5248	1612613.6000	427.5110	908.7996	6632.6385	5239.1464
5	14:31:16	1400.1176	340.0069	627.5236	1624975.5000	325.0063	733.7823	6517.5477	5434.2713
X		1355.1102	317.5061	621.5232	1606559.7000	500.7662	1204.5944	6534.5613	5363.7261
%RSD		2.619	5.568	3.605	0.826	30.772	32.437	1.152	1.775

Run	Time	208Pb	209Bi	220Bkg
1	14:28:28	12847.3960	1119159.8000	0.0000
2	14:29:10	12849.9000	1136401.0000	0.0000
3	14:29:52	13202.9510	1137152.6000	0.0000
4	14:30:34	13508.4400	1144745.7000	0.0000
5	14:31:16	13248.0220	1141805.3000	0.0000
X		13131.3420	1135852.9000	0.0000
%RSD		2.157	0.875	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	14:32:45	319783.5100	7042.9750	T 126349940.0000	T 75184847.0000	T 10374443.0000	T 12259805.0000	T 165141730.0000	TM 72189060.0000
2	14:33:28	325777.4400	7000.4391	T 130557870.0000	TM 78282331.0000	TM 10819138.0000	TM 12512253.0000	TM 168625020.0000	TM 73667372.0000
3	14:34:10	330487.5700	7020.4560	T 129506850.0000	TM 78365975.0000	TM 10736554.0000	TM 12646524.0000	TM 169585160.0000	TM 74824756.0000
4	14:34:52	329344.4500	7222.2950	T 130368370.0000	TM 78426841.0000	TM 10786986.0000	TM 12761614.0000	TM 171786930.0000	TM 74608402.0000
5	14:35:36	331554.5500	7306.5351	TM 132007190.0000	TM 78497733.0000	TM 10876249.0000	TM 12700531.0000	TM 169939620.0000	TM 74982273.0000
x		327389.5100	7118.5400	TM 129758040.0000	TM 77751545.0000	TM 10718674.0000	TM 12576146.0000	TM 169015690.0000	TM 74054373.0000
%RSD		1.459	1.929	TM 1.623	TM 1.848	TM 1.857	TM 1.585	TM 1.450	TM 1.568

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	14:32:45	TM 2759037.4000	564324.4400	330132.2200	53599.3210	90908.1680	TM 8222232.1000	84157.8170	TM 138069030.0000
2	14:33:28	TM 2800419.6000	562625.1100	336780.4800	54079.9110	91297.3880	TM 8173985.2000	84541.6730	TM 140059880.0000
3	14:34:10	TM 2841354.0000	558391.6000	334173.6200	54203.2080	91562.7760	TM 8201355.8000	84165.3930	TM 138514970.0000
4	14:34:52	TM 2858354.8000	563608.3300	337683.4400	55355.7470	91608.2720	TM 8325117.8000	86370.2820	TM 141152830.0000
5	14:35:36	TM 2863048.0000	563743.2600	340512.6400	55700.5330	92953.0410	TM 8355643.4000	86324.8150	TM 141246470.0000
x		TM 2824442.7000	562538.5500	335856.4800	54587.7440	91665.9290	TM 8255666.9000	85111.9960	TM 139808640.0000
%RSD		TM 1.562	0.426	1.167	1.641	0.842	TM 0.968	1.338	TM 1.051

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	14:32:45	TM 3336476.2000	59546.9930	15647.1760	40051.0140	19334.9040	13603.5940	6583.4328	2511.2116
2	14:33:28	TM 3356518.5000	60564.2850	16218.2670	40932.7830	19816.0330	13971.7030	6585.9348	2492.0392
3	14:34:10	TM 3391763.9000	60939.5060	15840.0400	40020.8700	19828.5620	14079.3840	6678.5084	2433.6887
4	14:34:52	TM 3401213.9000	60211.7440	15629.6430	42292.0450	19610.5470	14079.3840	6737.7227	2542.8879
5	14:35:36	TM 3437082.4000	60060.6600	15910.1740	41013.1770	20019.0170	13816.4440	6836.9702	2508.7109
x		TM 3384611.0000	60264.6380	15849.0600	40861.9780	19721.8130	13910.1020	6684.5138	2497.7077
%RSD		TM 1.162	0.872	1.510	2.269	1.319	1.455	1.605	1.611

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:32:45	739.1995	59.1669	832020.5800	688655.7200	1231675.3000	1322049.2000	765626.3100	2045155.4000
2	14:33:28	713.3639	54.1668	836745.3600	706294.2500	1242046.2000	1345693.5000	776564.8200	2051311.7000
3	14:34:10	700.0294	72.5003	828937.3400	702429.7100	1261181.1000	1355556.9000	775425.7200	2068632.8000
4	14:34:52	729.1986	65.0003	843762.8100	707465.0900	1260741.4000	1360580.3000	780330.9200	2076916.5000
5	14:35:36	735.8658	57.5002	845225.4800	719269.2100	1270734.9000	1364286.9000	775425.7200	2064950.0000
x		723.5314	61.6669	837338.3200	704822.7900	1253275.8000	1349633.4000	774674.7000	2061393.3000
%RSD		2.277	11.703	0.850	1.562	1.271	1.254	0.703	0.628

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	14:32:45	958461.5200	35191.6510	1292.6002	33440.7130	8772.1146	20111.7400	930316.4200	192.5022
2	14:33:28	958539.8000	35241.8620	1510.1368	34323.0390	8894.7445	20452.5680	923148.6900	170.0017
3	14:34:10	964099.6700	35251.9040	1400.1176	34605.4530	8991.0978	20517.7280	924836.3300	220.0029
4	14:34:52	962219.8900	35958.6650	1455.1270	34616.7500	9237.6172	20404.9510	929154.3700	177.5019
5	14:35:36	971519.2200	35625.9900	1425.1218	34654.4060	8967.3222	21069.1010	923922.8500	255.0039
x		962968.0200	35454.0140	1416.6207	34328.0720	8972.5792	20511.2170	926275.7300	203.0025
%RSD		0.557	0.934	5.686	1.495	1.905	1.699	0.350	17.140

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	14:32:45	24330.4670	4756.3570	8714.5542	1605519.4000	36607.7310	87701.5780	34712.1460	29547.2900
2	14:33:28	24922.2110	4736.3456	8661.9995	1602860.5000	36470.8830	88681.8710	35425.1370	30523.2980
3	14:34:10	24922.2110	4871.4234	8591.9270	1597953.3000	36914.0780	89294.6120	36527.3800	30214.6760
4	14:34:52	24358.0470	4858.9161	8737.0778	1595656.8000	36750.8590	89000.2380	35435.1790	30023.9890
5	14:35:36	25140.3650	5039.0230	8889.7391	1601091.4000	36460.8390	89348.9400	35769.1010	30560.9360
x		24734.6600	4852.4130	8719.0595	1600616.3000	36640.8780	88805.4480	35573.7890	30174.0380
%RSD		1.486	2.480	1.268	0.244	0.527	0.757	1.849	1.375

Run	Time	208Pb	209Bi	220Bkg
1	14:32:45	72337.6070	1122162.5000	2.5000
2	14:33:28	74254.3550	1123750.4000	0.0000
3	14:34:10	74693.2510	1123250.5000	0.0000
4	14:34:52	73742.3390	1114824.8000	0.0000
5	14:35:36	73719.6390	1110976.9000	0.0000
x		73749.4380	1118993.0000	0.5000
%RSD		1.201	0.514	223.607

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	14:37:07	349628.7200	86.6671	↑67731348.0000	↑40136784.0000	↑5412460.9000	↑6459771.0000	↑87012519.0000	↑38186971.0000
2	14:37:49	350470.4900	69.1670	↑68467893.0000	↑40761759.0000	↑5647270.4000	↑6562963.3000	↑86737388.0000	↑37862855.0000
3	14:38:31	342998.1900	67.5003	↑68418765.0000	↑40711424.0000	↑5589747.0000	↑6529005.2000	↑88219974.0000	↑38188827.0000
4	14:39:13	345478.3900	78.3337	↑68377297.0000	↑41202858.0000	↑5630712.2000	↑6581312.5000	↑89090290.0000	↑37899184.0000
5	14:39:55	348781.8100	69.1670	↑68320391.0000	↑41111374.0000	↑5630023.7000	↑6531988.2000	↑89095586.0000	↑38423797.0000
x		347471.5200	74.1670	↑68263139.0000	↑40784840.0000	↑5582042.8000	↑6533008.0000	↑88031152.0000	↑38112327.0000
%RSD		0.903	11.038	↑0.443	↑1.031	↑1.740	↑0.710	↑1.270	↑0.610

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	14:37:07	1344382.5000	589877.4300	172361.7700	5294.1812	24689.0190	↑4209648.3000	12158.8640	↑72045277.0000
2	14:37:49	↑1475350.2000	600361.6200	175799.9800	5329.2035	24348.0180	↑4237387.7000	12269.0250	↑73149616.0000
3	14:38:31	↑1478368.7000	599621.0500	176731.8900	4993.9960	24666.4520	↑4314398.3000	12536.9230	↑73842766.0000
4	14:39:13	↑1473402.8000	593590.1600	175041.7700	4956.4736	25757.2450	↑4371413.6000	12807.3340	↑72808871.0000
5	14:39:55	1376804.3000	596789.4800	172509.7900	5019.0110	24593.7380	↑4304257.2000	12612.0370	↑73254382.0000
x		↑1429661.7000	596047.9500	174489.0400	5118.5730	24810.8940	↑4287421.0000	12476.8370	↑73020182.0000
%RSD		↑4.484	0.731	1.128	3.480	2.201	↑1.503	2.103	↑0.904

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	14:37:07	↑1745240.1000	1970.2329	2085.2609	7610.9740	3458.2174	3280.6456	180.8353	845.0428
2	14:37:49	↑1794525.5000	2167.7819	2037.7491	7941.2820	3708.3249	3273.1427	164.1683	870.0454
3	14:38:31	1765005.9000	2002.7406	2090.2621	7465.8428	3618.2853	3380.6856	189.1688	883.3802
4	14:39:13	↑1772427.0000	2170.2826	2127.7716	7681.0383	3865.8965	3375.6836	173.3351	913.3834
5	14:39:55	1779286.5000	1985.2364	2047.7516	7463.3406	3588.2724	3118.0832	147.5013	880.0465
x		↑1771297.0000	2059.2549	2077.7591	7632.4956	3647.7993	3285.6481	171.0018	878.3797
%RSD		↑1.027	4.899	1.738	2.575	4.148	3.242	9.389	2.808

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:37:07	37.5001	55.8335	888656.6100	352336.7700	618009.2700	668621.1900	385861.1900	1001192.5000
2	14:37:49	49.1668	61.6669	886779.0100	359372.8700	629702.8700	673434.0200	391992.6400	1017735.6000
3	14:38:31	50.8335	63.3336	886035.8500	359401.5700	632126.4400	683904.8800	396000.6200	1042722.6000
4	14:39:13	51.6668	45.0001	887203.3100	363642.2300	644270.6800	687251.6100	400393.2300	1046782.5000
5	14:39:55	38.3334	50.0001	893353.7500	360591.3500	639800.1800	687601.2600	396003.2400	1029920.1000
x		45.5001	55.1669	888405.7000	359068.9600	632781.8900	680162.5900	394050.1800	1027670.7000
%RSD		15.356	14.025	0.329	1.155	1.599	1.269	1.385	1.818

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	14:37:07	1008244.1000	62.5002	385.0089	45.0001	556.2686	982.5579	967622.5500	130.0010
2	14:37:49	1021665.7000	51.2502	395.0094	57.5002	623.7733	925.0513	971575.2100	107.5007
3	14:38:31	1026831.6000	42.5001	437.5115	45.0001	560.0188	1002.5603	961017.2600	105.0007
4	14:39:13	1027209.1000	30.0001	465.0130	40.0001	561.2689	997.5597	976582.9800	117.5008
5	14:39:55	1010150.6000	47.5001	380.0087	25.0000	560.0188	997.5597	969917.7900	82.5004
x		1018820.2000	46.7501	412.5103	42.5001	572.2697	981.0578	969343.1600	108.5007
%RSD		0.891	25.478	8.990	27.591	5.042	3.282	0.588	16.178

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	14:37:07	680.0278	177.5019	302.5055	1664720.0000	178.7519	396.2594	3498.2341	2745.4522
2	14:37:49	597.5214	137.5011	315.0060	1675956.3000	136.2511	301.2555	3408.1968	2695.4359
3	14:38:31	577.5200	190.0022	340.0069	1685648.2000	120.0009	286.2549	3380.6856	2760.4571
4	14:39:13	640.0246	195.0023	347.5073	1672689.6000	122.5009	236.2534	3730.8350	2837.9832
5	14:39:55	715.0307	197.5023	377.5086	1690223.5000	115.0008	241.2535	3548.2552	2680.4310
x		642.0249	179.5020	336.5068	1677847.5000	134.5011	292.2553	3513.2413	2743.9519
%RSD		8.852	13.767	8.706	0.608	19.301	22.090	3.960	2.269

Run	Time	208Pb	209Bi	220Bkg
1	14:37:07	6532.5595	1189893.8000	0.0000
2	14:37:49	6792.7674	1191133.6000	0.0000
3	14:38:31	6972.9161	1193407.0000	0.0000
4	14:39:13	6867.8289	1192276.0000	0.0000
5	14:39:55	7005.4433	1193734.3000	0.0000
x		6834.3030	1192088.9000	0.0000
%RSD		2.761	0.134	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	14:41:24	348681.0600	3856.7256	┬67158691.0000	┬40485424.0000	┬5656771.5000	┬6549609.0000	┬88761579.0000	┬38435258.0000
2	14:42:06	┬405696.1300	3906.7489	┬67612264.0000	┬41165578.0000	┬5644619.7000	┬6520888.6000	┬87745868.0000	┬38398388.0000
3	14:42:49	343905.2800	3765.8507	┬65445570.0000	┬39983695.0000	┬5488091.5000	┬6467055.1000	┬88289549.0000	┬38165581.0000
4	14:43:31	335704.1600	3780.0238	┬66932405.0000	┬40330249.0000	┬5557560.1000	┬6425049.8000	┬86712138.0000	┬38175961.0000
5	14:44:13	334431.1500	3532.4152	┬66512555.0000	┬40334219.0000	┬5499382.7000	┬6483010.9000	┬86323812.0000	┬37674757.0000
X		┬353683.5600	3768.3528	┬66732297.0000	┬40459833.0000	┬5569285.1000	┬6489122.7000	┬87566589.0000	┬38169989.0000
%RSD		┬8.387	3.817	┬1.231	┬1.076	┬1.418	┬0.743	┬1.178	┬0.794

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	14:41:24	┬1500841.7000	601825.5200	172484.2600	29341.5650	48065.7200	┬4326485.6000	44076.2560	┬72891990.0000
2	14:42:06	┬1476031.8000	595853.4300	171940.7000	28932.6390	48080.8070	┬4260107.8000	44377.8500	┬72506130.0000
3	14:42:49	1370193.5000	592728.1800	171494.1400	28736.9630	47308.9080	┬4286331.1000	43440.4300	┬72447636.0000
4	14:43:31	┬1473383.4000	585337.2000	170366.3600	28614.0420	46868.9320	┬4270679.0000	44639.2400	┬73407428.0000
5	14:44:13	┬1479770.8000	588824.2100	169792.3200	28829.7830	47331.5360	┬4214892.9000	43395.1950	┬70334276.0000
X		┬1460044.3000	592913.7100	171215.5600	28890.9980	47531.1810	┬4271699.3000	43985.7940	┬72317492.0000
%RSD		┬3.519	1.074	0.650	0.962	1.111	┬0.949	1.263	┬1.622

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	14:41:24	┬1790766.3000	31682.6130	8304.1355	23167.1580	10817.0160	8031.3683	3690.8171	1693.5054
2	14:42:06	┬1774794.7000	31120.5010	8511.8449	22673.3030	10446.5440	8128.9629	3539.9184	1811.0301
3	14:42:49	┬1794774.7000	31112.9730	8636.9735	22457.7200	10268.8230	7873.7180	3527.4131	1721.8445
4	14:43:31	1738291.2000	31682.6130	8762.1040	22046.6250	10161.1910	8091.4264	3541.5857	1841.8702
5	14:44:13	1721967.8000	30942.3390	8339.1704	22532.9230	10198.7370	7683.5406	3517.4088	1702.6739
X		┬1764119.0000	31308.2080	8510.8457	22575.5460	10378.4620	7961.8032	3563.4286	1754.1848
%RSD		┬1.838	1.115	2.285	1.792	2.588	2.305	2.017	3.856

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:41:24	434.1780	62.5002	891563.9300	358358.0400	629288.2400	678972.5000	393252.4600	1025428.5000
2	14:42:06	380.0087	58.3335	896093.2900	352600.0600	626647.4500	678807.3200	390921.5400	1016356.5000
3	14:42:49	406.6766	53.3335	889264.0700	354949.2000	626356.7700	672817.0500	390007.6800	1032158.3000
4	14:43:31	431.6779	58.3335	901563.8200	360951.4500	641857.1800	682404.0100	393857.5600	1039906.1000
5	14:44:13	411.6768	60.8336	900561.0900	358556.3000	626504.8000	684251.6800	394465.3100	1028922.4000
X		412.8436	58.6669	895809.2400	357083.0100	630130.8900	679450.5100	392500.9100	1028554.4000
%RSD		5.317	5.908	0.603	0.923	1.058	0.643	0.493	0.843

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	14:41:24	1021691.0000	18783.6460	812.5396	17989.3960	4913.9484	10699.3640	966447.1600	107.5007
2	14:42:06	1022327.5000	18515.5470	770.0356	18044.5150	4777.6191	11052.3240	979118.7500	105.0007
3	14:42:49	1023927.1000	18741.0500	882.5467	18030.7350	4750.1034	11027.2910	985709.5700	135.0011
4	14:43:31	1033641.3000	19000.3860	675.0273	18281.2800	4870.1727	11019.7810	987897.3200	97.5006
5	14:44:13	1028220.7000	19209.6150	627.5236	18184.8200	4851.4118	11412.8100	988276.0200	105.0007
X		1025961.5000	18850.0490	753.5346	18106.1490	4832.6511	11042.3140	981489.7700	110.0007
%RSD		0.487	1.404	13.670	0.676	1.396	2.290	0.935	13.154

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	14:41:24	12694.6620	2482.8698	4318.6187	1690748.2000	18932.7320	45919.9210	18994.1220	15825.0120
2	14:42:06	12637.0740	2607.9080	4538.7357	1712301.4000	19085.5810	46618.7850	19357.4570	15384.1870
3	14:42:49	12879.9460	2405.3471	4553.7439	1707490.2000	19390.0320	46263.0610	18956.5370	15857.5730
4	14:43:31	12687.1500	2612.9096	4791.3770	1729530.4000	19174.5340	46784.7110	18783.6460	15950.2500
5	14:44:13	13270.5580	2632.9159	4443.6845	1730627.0000	19634.3530	46808.5940	18938.9970	16346.0160
X		12833.8780	2548.3901	4529.2320	1714139.4000	19243.4470	46479.0140	19006.1510	15872.6080
%RSD		2.034	3.905	3.841	0.969	1.424	0.820	1.116	2.162

Run	Time	208Pb	209Bi	220Bkg
1	14:41:24	37843.2320	1206930.3000	0.0000
2	14:42:06	37868.3460	1210292.0000	0.0000
3	14:42:49	38513.7940	1217076.8000	0.0000
4	14:43:31	39350.1870	1232504.2000	0.0000
5	14:44:13	39855.0780	1230785.9000	0.0000
X		38686.1270	1219517.8000	0.0000
%RSD		2.318	0.957	0.000

CCV 09/13/2011 14:44:59

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	14:45:42	354591.9700	┬968070.2800	┬66057762.0000	┬40034097.0000	┬5460930.6000	┬6462684.6000	┬87871503.0000	┬36869366.0000
2	14:46:24	353739.3500	965271.0100	┬66777395.0000	┬39963642.0000	┬5501207.2000	┬6463621.2000	┬87460443.0000	┬37239309.0000
3	14:47:06	359362.4400	┬1007740.2000	┬67172791.0000	┬40240246.0000	┬5488298.0000	┬6511002.9000	┬88202853.0000	┬37611937.0000
4	14:47:48	362906.1600	┬1002263.4000	┬69186120.0000	┬41488815.0000	┬5636461.1000	┬6613709.6000	┬90482310.0000	┬37530484.0000
5	14:48:30	363873.6700	┬1040679.6000	┬69145075.0000	┬41068240.0000	┬5586098.0000	┬6640452.9000	┬91047405.0000	┬38218363.0000
X		358894.7200	┬996804.8900	┬67667829.0000	┬40559008.0000	┬5534599.0000	┬6538294.3000	┬89012903.0000	┬37493892.0000
%RSD		1.293	┬3.130	┬2.105	┬1.679	┬1.331	┬1.283	┬1.835	┬1.330

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	14:45:42	1297290.5000	601060.6600	150.0014	┬6137704.5000	┬5949192.3000	┬4334352.6000	┬8198198.3000	┬71103804.0000
2	14:46:24	┬1434688.5000	607173.3200	107.5007	┬6425919.5000	┬6165319.5000	┬4375306.2000	┬8208798.2000	┬71882555.0000
3	14:47:06	1296340.9000	605817.2600	77.5004	┬6404427.6000	┬6153496.4000	┬4372376.5000	┬8296169.8000	┬72826115.0000
4	14:47:48	┬1445983.4000	614409.6600	82.5004	┬6428745.9000	┬6072468.4000	┬4396018.5000	┬8437672.8000	┬72479333.0000
5	14:48:30	1338892.5000	615349.0700	92.5005	┬6518753.8000	┬6196118.8000	┬4405483.5000	┬8386052.5000	┬73575588.0000
X		┬1362639.2000	608761.9900	102.0007	┬6383110.2000	┬6107319.1000	┬4376707.5000	┬8305378.3000	┬72373479.0000
%RSD		┬5.364	0.992	28.604	┬2.257	┬1.629	┬0.627	┬1.276	┬1.295

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	14:45:42	1707654.3000	┬7504393.1000	1628071.6000	┬3914662.2000	1822412.1000	1168309.5000	858867.7300	23551.5670
2	14:46:24	┬1745385.5000	┬7422995.5000	1616153.8000	┬3849565.3000	1831982.2000	1189065.9000	865000.1700	23829.8560
3	14:47:06	1721389.6000	┬7448305.2000	1607908.6000	┬3925807.4000	1873003.6000	1188569.5000	868835.9300	23511.4540
4	14:47:48	1746083.9000	┬7521196.4000	1647304.1000	┬3899400.2000	1894776.2000	1212819.2000	881293.6600	23757.1490
5	14:48:30	┬1798783.2000	┬7723359.8000	1650601.0000	┬3942707.1000	1860084.9000	1194614.3000	874200.8800	24043.8030
X		┬1743859.3000	┬7524050.0000	1630007.8000	┬3906428.5000	1856451.8000	1190675.7000	869639.6700	23738.7660
%RSD		┬1.995	┬1.574	1.151	┬0.909	1.596	1.337	0.987	0.914

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:45:42	9509.5895	65.8336	898594.8700	277.5046	625.0234	665.0265	392.5092	820.0404
2	14:46:24	9379.4421	63.3336	907451.9100	262.5041	385.0089	410.0101	257.5040	700.0294
3	14:47:06	9337.7287	56.6669	906184.4900	212.5027	350.0074	375.0084	200.0024	562.5190
4	14:47:48	9361.9224	56.6669	903828.0000	200.0024	290.0051	312.5059	180.0019	445.0119
5	14:48:30	9590.5155	50.0001	909600.8400	177.5019	282.5048	260.0041	170.0017	402.5097
X		9435.8397	58.5002	905132.0200	226.0032	386.5099	404.5110	240.0039	586.0221
%RSD		1.157	10.679	0.465	18.766	36.211	38.718	38.224	29.786

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	14:45:42	1035700.0000	487093.9000	67782.0480	467966.9800	1062065.9000	2611435.9000	993812.5600	212.5027
2	14:46:24	1047254.1000	494802.4800	68402.0830	477384.2400	1068115.9000	2633422.9000	994654.7100	215.0028
3	14:47:06	1042798.9000	500296.3700	68568.4420	478433.1500	1061196.1000	2632068.6000	990007.0500	215.0028
4	14:47:48	1036286.6000	498910.6400	68296.2200	482207.9200	1071009.3000	2637980.0000	985415.1100	220.0029
5	14:48:30	1045887.3000	503307.3100	68944.0220	484070.1100	1075296.0000	┬2621515.8000	982014.0700	237.5034
X		1041585.4000	496882.1400	68398.5630	478012.4800	1067536.6000	┬2627284.6000	989180.7000	220.0029
%RSD		0.514	1.262	0.619	1.306	0.560	┬0.408	0.548	4.616

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	14:45:42	┬3278158.2000	579432.7200	1039189.5000	1719375.3000	┬4803538.1000	┬11835528.0000	┬3946408.4000	┬3369641.1000
2	14:46:24	┬3291366.3000	585189.8700	1041432.8000	1725233.8000	┬4834868.5000	┬11862795.0000	┬3919548.3000	┬3351746.0000
3	14:47:06	┬3279354.4000	587517.9300	1049231.1000	1710289.1000	┬4868189.6000	┬11897300.0000	┬3913276.2000	┬3341857.4000
4	14:47:48	┬3277535.2000	586261.4000	1047536.5000	1708915.3000	┬4850893.7000	┬11958281.0000	┬3955183.6000	┬3348065.9000
5	14:48:30	┬3299640.1000	588450.3900	1048409.2000	1700237.1000	┬4813859.2000	┬11854061.0000	┬3938251.9000	┬3360988.5000
X		┬3285210.8000	585370.4600	1045159.8000	1712810.1000	┬4834269.8000	┬11881593.0000	┬3934533.7000	┬3354459.8000
%RSD		┬0.300	0.605	0.434	0.567	┬0.546	┬0.407	┬0.451	┬0.327

Run	Time	208Pb	209Bi	220Bkg
1	14:45:42	┬8343919.9000	1217900.1000	0.0000
2	14:46:24	┬8329225.6000	1211875.5000	0.0000
3	14:47:06	┬8295090.5000	1213413.3000	0.0000
4	14:47:48	┬8309813.2000	1207233.6000	0.0000
5	14:48:30	┬8323143.3000	1200591.3000	2.5000
X		┬8320238.5000	1210202.8000	0.5000
%RSD		┬0.224	0.544	223.607

CCB 09/13/2011 14:49:24

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	14:50:12	406970.6300	660.0261	100375.9000	24962.3310	3490.7310	4121.0187	59025.8050	112200.2800
2	14:50:55	T486490.4200	521.6830	83556.8150	17999.4180	2630.4151	2675.4294	41882.4850	103754.4000
3	14:51:37	422143.1600	277.5046	67943.3530	8684.5229	1310.1030	1490.1332	22417.6120	95665.9850
4	14:52:19	429857.0400	136.6678	57683.9580	4346.1330	550.0181	640.0246	11708.2190	90316.7890
5	14:53:01	T490855.0700	95.0005	52585.3920	2185.2865	285.0049	350.0074	7871.2156	86837.6010
X		T447263.2700	338.1764	72429.0840	11635.5380	1653.2544	1855.3227	28581.0670	97755.0120
%RSD		T8.657	72.535	27.057	82.574	83.035	83.857	75.354	10.526

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	14:50:12	1125.0759	663146.0800	45.0001	4468.6978	4598.7686	4728.8413	4816.3915	150868.4300
2	14:50:55	862.5446	670511.9100	22.5000	3268.1407	3593.2745	4070.9941	3473.2236	142553.9600
3	14:51:37	532.5170	666150.8800	30.0001	1857.7070	2372.8378	3308.1565	1795.1933	125523.3000
4	14:52:19	447.5120	684716.3700	22.5000	1072.5690	1510.1368	2837.9832	792.5377	119556.5200
5	14:53:01	360.0078	683195.0500	27.5000	700.0294	1305.1022	2625.4135	435.0114	118354.5400
X		665.5315	673544.0600	29.5001	2273.4288	2676.0240	3514.2777	2262.4715	131371.3500
%RSD		48.021	1.466	31.367	69.197	52.413	24.949	81.820	11.086

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	14:50:12	1745.1827	4516.2234	1080.0700	4406.1645	1582.6503	1157.5804	544.1844	1013.3949
2	14:50:55	1392.6164	3190.6107	705.0298	3398.1927	1230.0908	957.5550	407.5100	925.8848
3	14:51:37	1027.5633	1615.1565	347.5073	2600.4057	765.0351	712.5305	221.6696	956.7216
4	14:52:19	877.5462	752.5340	180.0019	1950.2282	570.0195	522.5164	95.8339	992.5591
5	14:53:01	797.5382	342.5070	112.5008	1545.1432	505.0153	462.5128	53.3335	956.7216
X		1168.0894	2083.4063	485.0220	2780.0269	930.5622	762.5390	264.5063	969.0564
%RSD		33.838	83.708	83.317	41.297	49.637	38.470	78.749	3.532

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:50:12	45.8335	49.1668	978678.7900	30.0001	75.0003	57.5002	37.5001	45.0001
2	14:50:55	44.1668	44.1668	988921.2600	47.5001	40.0001	40.0001	22.5000	60.0002
3	14:51:37	55.0002	53.3335	994564.8800	22.5000	57.5002	17.5000	5.0000	27.5000
4	14:52:19	48.3335	45.0001	994135.3800	25.0000	30.0001	27.5000	12.5000	15.0000
5	14:53:01	51.6668	47.5001	1004786.5000	15.0000	22.5000	12.5000	5.0000	37.5001
X		49.0001	47.8335	992217.3500	28.0001	45.0001	31.0001	16.5000	37.0001
%RSD		8.951	7.654	0.958	43.467	47.304	58.600	83.402	46.174

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	14:50:12	1128035.5000	415.0103	45.0001	402.5097	625.0234	1485.1323	1046082.2000	22.5000
2	14:50:55	1147312.9000	310.0058	35.0001	291.2551	497.5149	1027.5633	1061736.3000	20.0000
3	14:51:37	1161381.5000	192.5022	20.0000	173.7518	260.0041	552.5183	1070045.2000	25.0000
4	14:52:19	1157715.0000	148.7513	10.0000	88.7505	98.7506	210.0027	1077460.7000	20.0000
5	14:53:01	1160162.9000	97.5006	2.5000	78.7504	50.0001	100.0006	1080385.5000	15.0000
X		1150921.6000	232.7540	22.5000	207.0035	306.2586	675.0435	1067142.0000	20.5000
%RSD		1.212	55.253	77.778	66.964	81.476	85.820	1.294	18.088

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	14:50:12	1770.1880	367.5081	640.0246	1823356.7000	2866.7430	7236.8910	2292.8154	2020.2449
2	14:50:55	1302.6018	240.0035	412.5102	1832277.9000	2109.0168	5242.8988	1780.1901	1402.6180
3	14:51:37	737.5326	140.0012	220.0029	1853951.9000	1266.3462	2984.2843	907.5494	767.5354
4	14:52:19	272.5045	65.0003	90.0005	1848149.9000	708.7801	1691.4216	402.5097	337.5068
5	14:53:01	192.5022	7.5000	25.0000	1853411.7000	487.5143	1128.8264	180.0019	230.0032
X		855.0658	164.0026	277.5076	1842229.6000	1487.6801	3656.8644	1112.6133	951.5817
%RSD		79.102	87.335	90.424	0.745	66.746	69.770	81.073	79.290

Run	Time	208Pb	209Bi	220Bkg
1	14:50:12	5069.0412	1327738.8000	0.0000
2	14:50:55	3540.7521	1345912.5000	0.0000
3	14:51:37	1935.2247	1349630.6000	0.0000
4	14:52:19	877.5462	1355461.9000	0.0000
5	14:53:01	505.0153	1354256.1000	0.0000
X		2385.5159	1346600.0000	0.0000
%RSD		79.947	0.832	0.000

PBW 09/13/2011 14:53:49

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	14:54:31	413778.0400	50.8335	45209.8040	950.0542	95.0005	150.0014	5166.6011	80979.0540
2	14:55:13	T480246.9400	30.8334	43025.7870	900.0486	75.0003	125.0009	4808.8871	80666.0400
3	14:55:56	406510.6400	31.6667	40689.0940	730.0320	105.0007	145.0013	4203.5599	78795.7740
4	14:56:38	T486919.1800	32.5001	39734.5050	680.0278	170.0017	45.0001	3990.9554	77430.5660
5	14:57:20	T469373.8400	34.1667	38214.9220	650.0254	60.0002	95.0005	4050.9844	77180.7650
x		T451365.7300	36.0001	41374.8220	782.0376	101.0007	112.0008	4444.1976	79010.4400
%RSD		T8.471	23.287	6.683	17.238	41.919	38.610	11.653	2.238

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	14:54:31	422.5107	651752.7400	32.5001	16300.9280	1947.7276	2630.4151	235.0033	108405.5500
2	14:55:13	547.5180	652600.3700	30.0001	16909.6390	1982.7358	2637.9175	200.0024	108050.9900
3	14:55:56	452.5123	647353.9200	27.5000	16656.6300	1922.7218	2497.8743	115.0008	106012.5600
4	14:56:38	465.0130	649078.1000	15.0000	16195.7230	1807.6960	2380.3399	122.5009	105620.1200
5	14:57:20	445.0119	645729.8900	25.0000	15429.2710	1870.2098	2432.8551	127.5010	106275.8800
x		466.5132	649303.0000	26.0000	16298.4380	1906.2182	2515.8804	160.0017	106873.0200
%RSD		10.257	0.446	25.979	3.454	3.602	4.601	33.820	1.184

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	14:54:31	640.0246	110.0007	47.5001	1550.1442	477.5137	325.0063	345.8405	825.8743
2	14:55:13	575.0198	70.0003	65.0003	1415.1201	480.0138	285.0049	325.0063	733.3656
3	14:55:56	622.5233	75.0003	32.5001	1325.1053	470.0133	282.5048	340.0069	682.5280
4	14:56:38	615.0227	67.5003	32.5001	1187.5846	457.5126	290.0051	300.0054	637.5244
5	14:57:20	555.0185	35.0001	30.0001	1212.5882	472.5134	277.5046	348.3406	650.8588
x		601.5218	71.5003	41.5001	1338.1085	471.5133	292.0051	331.8400	706.0302
%RSD		5.860	37.300	35.792	11.177	1.860	6.504	6.018	10.833

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:54:31	38.3334	56.6669	982703.7100	30.0001	12.5000	15.0000	15.0000	22.5000
2	14:55:13	45.0001	52.5002	974249.5900	15.0000	15.0000	10.0000	12.5000	20.0000
3	14:55:56	49.1668	45.0001	977440.3000	25.0000	17.5000	17.5000	0.0000	12.5000
4	14:56:38	62.5002	44.1668	990110.8600	20.0000	10.0000	22.5000	5.0000	17.5000
5	14:57:20	45.0001	40.0001	976568.9700	22.5000	17.5000	15.0000	17.5000	17.5000
x		48.0001	47.6668	980214.6900	22.5000	14.5000	16.0000	10.0000	18.0000
%RSD		18.723	14.171	0.647	24.845	22.480	28.384	72.887	20.601

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	14:54:31	1133945.3000	52.5002	10.0000	53.7502	28.7500	80.0004	1050875.2000	30.0001
2	14:55:13	1124174.8000	61.2502	12.5000	58.7502	31.2501	60.0002	1047087.5000	40.0001
3	14:55:56	1130677.7000	52.5002	7.5000	42.5001	22.5000	75.0003	1061331.8000	30.0001
4	14:56:38	1141191.7000	50.0001	5.0000	38.7501	25.0000	67.5003	1068799.5000	50.0001
5	14:57:20	1139119.9000	48.7501	0.0000	37.5001	25.0000	65.0003	1067038.8000	35.0001
x		1133821.9000	53.0002	7.0000	46.2501	26.5000	69.5003	1059026.6000	37.0001
%RSD		0.600	9.225	68.698	20.494	13.089	11.488	0.913	22.612

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	14:54:31	75.0003	17.5000	12.5000	1821932.2000	1515.1377	3795.8643	125.0009	145.0013
2	14:55:13	55.0002	10.0000	15.0000	1815692.1000	766.2852	1930.2235	105.0007	80.0004
3	14:55:56	87.5005	5.0000	17.5000	1829001.5000	560.0188	1397.6172	107.5007	72.5003
4	14:56:38	47.5001	10.0000	5.0000	1830236.2000	445.0119	1148.8292	52.5002	92.5005
5	14:57:20	52.5002	2.5000	5.0000	1873198.4000	392.5092	945.0536	60.0002	50.0001
x		63.5003	9.0000	11.0000	1834012.1000	735.7926	1843.5176	90.0005	88.0005
%RSD		26.789	63.949	52.322	1.236	62.340	62.486	35.410	40.247

Run	Time	208Pb	209Bi	220Bkg
1	14:54:31	275.0045	1319643.9000	0.0000
2	14:55:13	230.0032	1322336.1000	2.5000
3	14:55:56	227.5031	1337610.2000	0.0000
4	14:56:38	200.0024	1344468.7000	0.0000
5	14:57:20	125.0009	1354370.1000	0.0000
x		211.5028	1335685.8000	0.5000
%RSD		26.160	1.101	223.607

LCS 09/13/2011 14:58:08

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	14:58:50	T461656.2100	830.0413	T1468465.1000	842449.3700	113558.5000	133353.5200	76600.4470	856429.9600
2	14:59:33	400506.8300	866.7117	T1466177.3000	858422.6900	115444.1400	134898.0800	76224.5240	864807.4600
3	15:00:17	T463385.6900	915.8837	T1484445.6000	855255.5400	112848.9500	132261.3200	76290.1200	863098.1300
4	15:00:59	398875.4800	825.8743	T1488445.0000	849244.9600	110984.1600	131260.6800	78303.6680	861568.8700
5	15:01:41	396446.9400	832.5416	T1466617.9000	850714.0800	111587.1300	131377.5000	77488.6020	873422.7900
x		T424174.2300	854.2105	T1474830.2000	851217.3300	112884.5800	132630.2200	76981.4720	863865.4400
%RSD		T8.261	4.464	T0.728	0.718	1.554	1.146	1.162	0.717
Run	**Time**	**44Ca**	**45Sc**	**47Ti**	**51V**	**52Cr**	**54Fe**	**55Mn**	**56Fe**
1	14:58:50	26594.8700	637980.8200	32.5001	39603.8850	11057.3310	36238.6230	6537.5634	684877.6000
2	14:59:33	27625.7150	643558.6900	22.5000	38689.6050	10967.2120	35879.5750	6880.3392	684067.4400
3	15:00:17	27786.2470	643477.7900	32.5001	39013.6100	11225.0550	36610.2420	6805.2776	694288.0200
4	15:00:59	27746.1140	633232.0900	37.5001	38219.9450	11252.5920	34890.3880	6682.6784	677762.1800
5	15:01:41	27257.0040	638263.8100	47.5001	39008.5870	10899.6230	35831.8700	6515.0458	683219.4300
x		27401.9900	639302.6400	34.5001	38907.1270	11080.3630	35890.1400	6684.1809	684842.9300
%RSD		1.814	0.678	26.327	1.302	1.402	1.786	2.404	0.872
Run	**Time**	**57Fe**	**59Co**	**60Ni**	**63Cu**	**65Cu**	**66Zn**	**75As**	**78Se**
1	14:58:50	14402.4350	6002.1608	1347.6090	7600.9649	3543.2531	2412.8493	998.3931	1655.1644
2	14:59:33	14625.3230	6167.2813	1470.1297	7701.0567	3303.1545	2307.8195	1025.0630	1545.9767
3	15:00:17	14738.0210	6092.2261	1257.5949	7418.3004	3468.2216	2212.7937	985.8917	1585.9842
4	15:00:59	14885.7830	6197.3035	1265.0960	7368.2560	3385.6876	2177.7845	1022.5627	1595.9861
5	15:01:41	14938.3770	6332.4050	1450.1262	7578.4444	3588.2724	2247.8031	1005.8940	1590.9852
x		14717.9880	6158.2753	1358.1111	7533.4045	3457.7178	2271.8100	1007.5609	1594.8193
%RSD		1.462	2.000	7.352	1.820	3.346	4.064	1.637	2.453
Run	**Time**	**82Se**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
1	14:58:50	425.8442	61.6669	957871.6300	20.0000	20.0000	7.5000	5.0000	12.5000
2	14:59:33	455.0124	50.0001	971384.8200	25.0000	17.5000	7.5000	10.0000	15.0000
3	15:00:17	448.3454	65.8336	964295.5000	12.5000	17.5000	25.0000	17.5000	15.0000
4	15:00:59	452.5123	37.5001	950994.2900	30.0001	15.0000	17.5000	10.0000	5.0000
5	15:01:41	458.3459	43.3334	965644.0800	17.5000	15.0000	12.5000	17.5000	20.0000
x		448.0121	51.6668	962038.0600	21.0000	17.0000	14.0000	12.0000	13.5000
%RSD		2.884	23.178	0.813	32.165	12.304	52.973	45.166	40.572
Run	**Time**	**103Rh**	**107Ag**	**108Mo O**	**109Ag**	**111Cd**	**114Cd**	**115In**	**118Sn**
1	14:58:50	1116219.3000	4197.3068	60.0002	3878.4023	880.0465	2072.7577	1052025.2000	20.0000
2	14:59:33	1112975.4000	4163.5398	52.5002	3979.7001	931.3020	2342.8293	1051296.2000	40.0001
3	15:00:17	1113607.0000	4169.7930	40.0001	4047.2326	1001.3102	2225.2971	1039592.9000	20.0000
4	15:00:59	1110685.4000	4271.0943	70.0003	4067.2423	883.7969	2292.8154	1061476.1000	35.0001
5	15:01:41	1122562.6000	4074.7460	55.0002	3947.1846	948.8040	2370.3371	1048626.7000	22.5000
x		1115209.9000	4175.2960	55.5002	3983.9524	929.0519	2260.8073	1050603.4000	27.5000
%RSD		0.409	1.691	19.738	1.922	5.400	5.251	0.746	34.015
Run	**Time**	**121Sb**	**135Ba**	**137Ba**	**159Tb**	**203Tl**	**205Tl**	**206Pb**	**207Pb**
1	14:58:50	4891.4351	4616.2782	8371.7030	1843079.3000	4239.8283	9968.4586	3220.6222	2720.4440
2	14:59:33	5134.0810	4701.3258	8411.7433	T1996446.3000	4194.8055	10076.0880	3175.6050	2998.0392
3	15:00:17	5174.1058	4676.3117	8604.4399	1842135.8000	4067.2423	10123.6460	3293.1506	2750.4538
4	15:00:59	4818.8929	4798.8814	8514.3474	1841913.8000	4129.7730	9972.2131	3185.6088	2690.4342
5	15:01:41	5046.5276	4658.8019	8324.1554	1832850.8000	4040.9795	10034.7880	3230.6261	2727.9464
x		5013.0085	4690.3198	8445.2778	T1871285.2000	4134.5257	10035.0390	3221.1225	2777.4635
%RSD		3.061	1.453	1.341	T3.746	2.024	0.667	1.440	4.506
Run	**Time**	**208Pb**	**209Bi**	**220Bkg**					
1	14:58:50	6980.4224	1342448.5000	0.0000					
2	14:59:33	6832.8001	1347371.2000	0.0000					
3	15:00:17	6745.2288	1351149.7000	0.0000					
4	15:00:59	6875.3350	1352230.9000	0.0000					
5	15:01:41	6787.7633	1349832.1000	0.0000					
x		6844.3099	1348606.5000	0.0000					
%RSD		1.320	0.289	0.000					

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	15:03:12	342659.6800	24.1667	TM 340672730.0000	T 45350198.0000	T 6198682.0000	T 7227244.5000	8396.7282	T 7037023.3000
2	15:03:54	339525.2200	30.8334	TM 334781450.0000	T 44440882.0000	T 6153689.2000	T 7184614.7000	8459.2914	T 6966941.5000
3	15:04:38	338167.4800	23.3334	TM 332049160.0000	T 43835826.0000	T 6107629.2000	T 7071259.3000	8449.2813	T 6779113.9000
4	15:05:20	340347.7700	24.1667	TM 336996250.0000	T 44600566.0000	T 6056061.3000	T 7003239.0000	8221.5536	T 6835157.6000
5	15:06:02	353898.4000	30.0001	TM 335946920.0000	T 44837467.0000	T 6082327.2000	T 7139348.9000	8128.9629	T 6727395.0000
x		342919.7100	26.5000	TM 336089300.0000	T 44612988.0000	T 6119677.8000	T 7125141.3000	8331.1635	T 6869126.3000
%RSD		1.852	13.599	TM 0.940	T 1.242	T 0.931	T 1.254	1.776	T 1.886

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	15:03:12	TM 5686719.6000	570483.3000	512.5158	106648.0900	10086.1000	2555.3917	552.5183	116810.4800
2	15:03:54	TM 5728062.9000	566564.0000	510.0156	106612.6400	9572.9954	2435.3558	627.5236	113434.3200
3	15:04:38	TM 5557042.2000	550169.6000	497.5149	106364.5000	9578.0011	2345.3300	635.0242	109312.2800
4	15:05:20	TM 5564189.2000	551546.2800	455.0124	108565.1100	9873.3455	2652.9222	640.0246	111022.1600
5	15:06:02	TM 5603935.6000	563159.4500	495.0147	109469.3200	9680.6196	2477.8683	647.5252	111212.1700
x		TM 5627989.9000	560384.5300	494.0147	107531.9300	9758.2123	2493.3736	620.5232	112358.2800
%RSD		TM 1.352	1.622	4.674	1.299	2.254	4.695	6.238	2.570

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	15:03:12	72120.7390	2067.7565	2367.8364	33730.6270	15719.8130	11295.1500	2716.2760	1420.1210
2	15:03:54	64785.8570	1962.7311	2432.8551	32967.5830	16050.4420	11565.5200	2739.6169	1327.6057
3	15:04:38	62730.2200	1857.7070	2497.8743	32749.2250	15587.0640	11490.4160	2826.3125	1330.9396
4	15:05:20	64831.2080	1860.2076	2337.8279	32882.2470	15744.8600	11092.3780	2807.9730	1323.4384
5	15:06:02	66479.1150	2050.2522	2390.3428	33017.7810	15599.5870	11305.1630	2776.2957	1420.9545
x		66189.4280	1959.7309	2405.3473	33069.4930	15740.3530	11349.7250	2773.2948	1364.6118
%RSD		5.397	5.115	2.589	1.159	1.188	1.634	1.653	3.746

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:03:12	532.5170	45.8335	840057.5300	215.0028	405.0098	362.5079	272.5045	572.5197
2	15:03:54	507.5155	49.1668	828300.9900	230.0032	337.5068	330.0065	245.0036	472.5134
3	15:04:38	545.8512	44.1668	827069.7400	215.0028	327.5064	337.5068	195.0023	525.0165
4	15:05:20	520.0162	35.8334	821373.0000	220.0029	345.0071	390.0091	215.0028	537.5173
5	15:06:02	556.6853	40.8334	829212.8400	212.5027	312.5059	407.5100	187.5021	525.0165
x		532.5170	43.1668	829202.8200	218.5029	345.5072	365.5081	223.0030	526.5167
%RSD		3.689	11.775	0.819	3.196	10.251	9.092	15.922	6.820

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	15:03:12	916868.8400	51.2502	12.5000	28.7500	11.2500	42.5001	901752.7100	140.0012
2	15:03:54	903516.8200	38.7501	5.0000	22.5000	20.0000	65.0003	882021.6400	105.0007
3	15:04:38	899136.3700	32.5001	0.0000	16.2500	20.0000	37.5001	871614.8900	117.5008
4	15:05:20	893292.6900	42.5001	15.0000	22.5000	23.7500	82.5004	874250.7200	127.5010
5	15:06:02	902458.3100	47.5001	7.5000	22.5000	31.2501	50.0001	881292.7400	155.0014
x		903054.6100	42.5001	8.0000	22.5000	21.2500	55.5002	882186.5400	129.0010
%RSD		0.962	17.276	74.608	19.642	34.047	33.009	1.339	15.049

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	15:03:12	147.5013	9532.9495	16952.2250	1642345.9000	256.2539	588.7708	5534.3371	4956.4736
2	15:03:54	157.5015	9372.7680	16766.8510	1611407.8000	246.2536	635.0242	5484.3041	4861.4176
3	15:04:38	97.5006	9440.3442	16599.0150	1601923.3000	246.2536	526.2666	5361.7243	4828.8987
4	15:05:20	92.5005	9215.0923	16551.4210	1597343.9000	202.5025	476.2636	5344.2131	4771.3656
5	15:06:02	110.0007	9347.7399	16563.9460	1612367.1000	166.2517	491.2645	5401.7502	4628.7852
x		121.0009	9381.7788	16686.6910	1613077.6000	223.5031	543.5179	5425.2658	4809.3881
%RSD		24.517	1.253	1.029	1.088	17.076	12.333	1.501	2.521

Run	Time	208Pb	209Bi	220Bkg
1	15:03:12	11735.7580	1102186.4000	0.0000
2	15:03:54	11848.4170	1094019.2000	0.0000
3	15:04:38	11703.2120	1088785.6000	0.0000
4	15:05:20	11347.7210	1081519.4000	0.0000
5	15:06:02	11477.8990	1082626.6000	0.0000
x		11622.6010	1089827.4000	0.0000
%RSD		1.757	0.784	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	15:07:32	351911.8700	24.1667	TM 336862100.0000	T 45229308.0000	T 6258683.9000	T 7339732.8000	15562.0170	T 6801927.8000
2	15:08:14	350963.9600	19.1667	TM 339154880.0000	T 44743729.0000	T 6176099.5000	T 7180556.4000	15349.1230	T 6768571.9000
3	15:08:57	353728.9200	21.6667	TM 335196520.0000	T 45148053.0000	T 6244087.9000	T 7299427.1000	15952.7550	T 6954074.9000
4	15:09:38	344080.6400	10.8333	TM 334414370.0000	T 45561933.0000	T 6264708.2000	T 7211392.7000	15975.2980	T 6892480.8000
5	15:10:21	347335.7600	17.5000	TM 336820280.0000	T 44785619.0000	T 6146563.3000	T 7286246.2000	16591.5000	T 6875649.7000
X		349604.2300	18.6667	TM 336489630.0000	T 45093728.0000	T 6218028.6000	T 7263471.0000	15886.1390	T 6858541.0000
%RSD		1.106	27.082	TM 0.543	T 0.750	T 0.858	T 0.903	2.991	T 1.078

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	15:07:32	TM 5585883.2000	558874.9500	507.5155	21051.5570	2580.3994	2457.8624	567.5193	114929.6000
2	15:08:14	TM 5573692.5000	563641.7200	530.0169	22026.5720	2422.8522	2487.8713	637.5244	117145.1300
3	15:08:57	TM 5664441.3000	567233.5800	512.5158	23021.7560	2562.8940	2370.3371	547.5180	114303.5800
4	15:09:38	TM 5684655.3000	569677.1100	507.5155	23264.9300	2622.9127	2317.8223	632.5240	112522.0800
5	15:10:21	TM 5638404.6000	566983.6500	412.5102	23224.8180	2480.3691	2417.8507	602.5218	113495.1400
X		TM 5629415.4000	565282.2000	494.0148	22517.9270	2533.8855	2410.3488	597.5215	114479.1100
%RSD		TM 0.859	0.739	9.411	4.273	3.189	2.820	6.616	1.522

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	15:07:32	69332.2230	2132.7729	2652.9222	61153.5650	29017.9350	23274.9580	2987.2020	1328.4392
2	15:08:14	66980.6070	1910.2189	2445.3587	60931.9510	29103.2310	23688.6210	2941.3523	1417.6206
3	15:08:57	64556.5880	1987.7370	2427.8536	61355.0380	28443.4590	22881.3700	2911.3418	1368.4457
4	15:09:38	60236.9250	1955.2293	2452.8609	60831.2190	28992.8480	23678.5930	2973.8639	1390.1159
5	15:10:21	61904.0760	1920.2212	2397.8449	59927.2040	28315.5250	23284.9860	3043.8891	1367.6122
X		64602.0840	1981.2359	2475.3681	60839.7950	28774.5990	23361.7060	2971.5298	1374.4467
%RSD		5.707	4.546	4.100	0.902	1.271	1.438	1.684	2.388

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:07:32	501.6818	43.3334	830499.4900	195.0023	222.5030	255.0039	170.0017	427.5110
2	15:08:14	529.1835	38.3334	837840.0900	187.5021	202.5025	262.5041	182.5020	362.5079
3	15:08:57	518.3495	29.1667	841560.9700	157.5015	227.5031	257.5040	170.0017	392.5092
4	15:09:38	530.8502	52.5002	844723.1800	167.5017	297.5053	267.5043	182.5020	477.5137
5	15:10:21	488.3476	46.6668	841814.7900	167.5017	212.5027	282.5048	167.5017	427.5110
X		513.6825	42.0001	839287.7100	175.0019	232.5033	265.0042	174.5018	417.5106
%RSD		3.567	21.026	0.654	8.922	16.165	4.112	4.226	10.337

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	15:07:32	902291.6300	48.7501	5.0000	42.5001	16.2500	60.0002	875436.0000	555.0185
2	15:08:14	910954.9700	52.5002	10.0000	42.5001	13.7500	50.0001	885459.1100	570.0195
3	15:08:57	920907.3600	68.7503	2.5000	41.2501	26.2500	57.5002	892504.5800	477.5137
4	15:09:38	916977.3700	55.0002	10.0000	26.2500	18.7500	65.0003	893370.4000	530.0169
5	15:10:21	922441.4300	52.5002	0.0000	33.7501	17.5000	72.5003	899078.0500	470.0133
X		914714.5500	55.5002	5.5000	37.2501	18.5000	61.0002	889169.6300	520.5163
%RSD		0.901	13.939	81.312	19.189	25.461	13.777	1.020	8.662

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	15:07:32	135.0011	9382.7792	16208.2470	1609258.2000	176.2519	357.5077	5614.3906	4928.9572
2	15:08:14	127.5010	9165.0371	16516.3510	1615672.5000	153.7514	355.0076	5636.9058	5061.5367
3	15:08:57	100.0006	9983.4766	17097.5220	1650652.4000	166.2517	363.7579	5769.4965	5201.6229
4	15:09:38	107.5007	9693.1341	16661.6400	1651636.9000	138.7512	385.0089	5824.5348	5066.5397
5	15:10:21	147.5013	9485.3953	16964.7510	1666283.7000	150.0014	368.7582	5761.9913	4978.9870
X		123.5009	9541.9645	16689.7020	1638700.7000	157.0015	366.0080	5721.4638	5047.5287
%RSD		15.849	3.266	2.128	1.516	9.278	3.253	1.592	2.056

Run	Time	208Pb	209Bi	220Bkg
1	15:07:32	11905.9990	1082959.7000	0.0000
2	15:08:14	12183.9000	1092750.2000	0.0000
3	15:08:57	12494.3600	1105659.5000	0.0000
4	15:09:38	12306.5800	1116754.4000	0.0000
5	15:10:21	12191.4110	1128115.3000	0.0000
X		*12216.4500*	*1105247.8000*	*0.0000*
%RSD		1.753	1.636	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	15:11:51	351964.0000	23.3334	TM 211783560.0000	T 46498536.0000	T 6281507.4000	T 7449758.4000	T 55849.7040	T 2817631.3000
2	15:12:33	346983.1800	20.8334	TM 212662190.0000	T 46623060.0000	T 6505335.5000	T 7622739.9000	6402.4585	T 2791717.8000
3	15:13:15	351960.5300	23.3334	TM 212544020.0000	T 47447825.0000	T 6560070.4000	T 7613652.1000	6102.2334	T 2836480.8000
4	15:13:57	353237.9100	24.1667	TM 218365580.0000	T 47308732.0000	T 6507917.3000	T 7526450.2000	6409.9643	T 2880090.4000
5	15:14:39	352447.1300	21.6667	TM 216644820.0000	T 47915370.0000	T 6544613.8000	T 7670607.3000	6582.5988	T 2889713.3000
x		351318.5500	22.6667	TM 214400030.0000	T 47158705.0000	T 6479888.9000	T 7576641.6000	T 16269.3920	T 2843126.7000
%RSD		0.706	6.041	TM 1.361	T 1.255	T 1.749	T 1.161	T 136.002	T 1.458

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	15:11:51	TM 4718511.3000	572985.2600	547.5180	155072.0400	466707.9900	9327.7175	830.0413	107762.2900
2	15:12:33	TM 4789396.6000	577074.7400	612.5225	155413.3100	469873.6500	9362.7567	770.0356	108960.2100
3	15:13:15	TM 4770195.2000	572194.8800	550.0181	156745.4100	475116.2300	9047.4087	855.0439	111288.1700
4	15:13:57	TM 4763846.7000	578527.9900	570.0195	157109.6800	470153.8100	9210.0867	750.0338	107686.3100
5	15:14:39	TM 4794382.0000	575268.5500	525.0165	156679.1800	476264.0400	9788.2452	832.5416	111901.3000
x		TM 4767266.4000	575210.2800	561.0189	156203.9200	471623.1400	9347.2430	807.5392	109519.6600
%RSD		TM 0.631	0.464	5.867	0.577	0.842	2.948	5.573	1.801

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	15:11:51	53516.2900	1142.5783	2047.7516	1605.1546	907.5494	757.5344	3970.9459	1600.9871
2	15:12:33	55919.4920	1165.0814	1932.7241	1517.6382	932.5522	665.0265	3958.4399	1613.4895
3	15:13:15	52786.6580	1010.0612	2005.2412	1387.6155	942.5533	747.5335	3870.8988	1598.4866
4	15:13:57	49997.0340	1010.0612	1845.2043	1457.6275	925.0513	765.0351	4078.4978	1666.8334
5	15:14:39	54374.3170	1110.0739	2100.2646	1447.6257	842.5426	737.5326	3996.7916	1566.8139
x		53318.7580	1087.5712	1986.2372	1483.1323	910.0498	734.5325	3975.1148	1609.3221
%RSD		4.113	6.750	5.028	5.551	4.379	5.475	1.879	2.266

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:11:51	601.6884	46.6668	856432.7200	2062.7553	3655.8017	3888.4070	2260.3065	5882.0752
2	15:12:33	629.1904	55.0002	862572.6700	2105.2659	3778.3564	3853.3907	2257.8058	5684.4381
3	15:13:15	660.8595	48.3335	857587.9500	2067.7565	3535.7499	4068.4929	2452.8609	6029.6806
4	15:13:57	642.5248	40.8334	853603.3200	2087.7615	3833.3815	3828.3792	2340.3286	5812.0261
5	15:14:39	646.6918	48.3335	855462.7800	2115.2684	3720.8305	3785.8598	2347.8307	5601.8822
x		636.1910	47.8335	857131.8900	2087.7615	3704.8240	3884.9059	2331.8265	5802.0204
%RSD		3.513	10.568	0.394	1.094	3.112	2.811	3.429	2.887

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	15:11:51	934606.4800	18.7500	12.5000	11.2500	16.2500	35.0001	908271.9500	70.0003
2	15:12:33	933912.2400	15.0000	5.0000	17.5000	12.5000	50.0001	912620.8000	50.0001
3	15:13:15	935989.5600	26.2500	5.0000	6.2500	18.7500	55.0002	910401.6200	57.5002
4	15:13:57	930926.7700	16.2500	5.0000	18.7500	16.2500	35.0001	917241.7200	50.0001
5	15:14:39	941264.5400	27.5000	12.5000	5.0000	10.0000	40.0001	916098.0900	70.0003
x		935339.9200	20.7500	8.0000	11.7500	14.7500	43.0001	912926.8300	59.5002
%RSD		0.406	27.802	51.349	53.510	23.516	21.123	0.413	16.911

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	15:11:51	100.0006	16503.8260	29324.0030	1681096.4000	117.5008	277.5046	67.5003	37.5001
2	15:12:33	105.0007	16443.7080	29973.8090	1681584.2000	88.7505	291.2551	50.0001	37.5001
3	15:13:15	122.5009	16639.0950	29507.1480	1677052.5000	128.7510	280.0047	57.5002	32.5001
4	15:13:57	115.0008	16801.9210	29070.6180	1681187.2000	113.7508	276.2546	30.0001	45.0001
5	15:14:39	105.0007	16573.9650	29331.5300	1677794.5000	90.0005	275.0045	60.0002	27.5000
x		109.5007	16592.5030	29441.4220	1679743.0000	107.7507	280.0047	53.0002	36.0001
%RSD		8.295	0.833	1.141	0.127	16.394	2.341	26.974	18.109

Run	Time	208Pb	209Bi	220Bkg
1	15:11:51	120.0009	1150763.7000	0.0000
2	15:12:33	87.5005	1153958.5000	2.5000
3	15:13:15	82.5004	1153577.0000	0.0000
4	15:13:57	112.5008	1145196.8000	0.0000
5	15:14:39	82.5004	1150038.0000	0.0000
x		97.0006	1150706.8000	0.5000
%RSD		18.442	0.306	223.607

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	15:16:10	357585.0400	11.6667	TM 208694350.0000	T 45452213.0000	T 6228183.8000	T 7343583.0000	10914.6430	T 2752649.4000
2	15:16:52	356915.5700	20.0000	TM 212640280.0000	T 45919556.0000	T 6288943.1000	T 7404423.1000	11307.6670	T 2748252.4000
3	15:17:34	360168.6500	22.5000	TM 212238690.0000	T 45976451.0000	T 6384505.5000	T 7499082.6000	11034.8010	T 2782977.9000
4	15:18:18	354606.7400	23.3334	TM 213383630.0000	T 45519539.0000	T 6184602.4000	T 7275493.4000	10887.1070	T 2729943.6000
5	15:19:00	358697.1800	22.5000	TM 214661130.0000	T 46143975.0000	T 6426882.0000	T 7538243.6000	10924.6560	T 2787879.5000
X		357594.6400	20.0000	TM 212323620.0000	T 45802347.0000	T 6302623.4000	T 7412165.1000	11013.7750	T 2760340.5000
%RSD		0.580	24.116	TM 1.050	T 0.658	T 1.622	T 1.461	1.577	T 0.887

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	15:16:10	TM 4592144.5000	567583.7600	535.0172	79116.2890	4203.5599	2332.8265	1137.5776	111224.8400
2	15:16:52	TM 4597947.7000	577741.1200	490.0144	77438.1360	4268.5930	2485.3706	1055.0668	109502.2500
3	15:17:34	TM 4642776.9000	585086.7500	535.0172	79530.2010	3890.9081	2382.8406	1165.0814	110246.9700
4	15:18:18	TM 4612767.4000	579178.4300	562.5190	79290.4320	4023.4711	2370.3371	1175.0828	110611.7600
5	15:19:00	TM 4732591.0000	581254.5100	590.0209	79656.3980	4331.1252	2382.8406	1130.0766	112065.9900
X		TM 4635645.5000	578168.9100	542.5177	79006.2910	4143.5315	2390.8431	1132.5771	110730.3600
%RSD		TM 1.243	1.130	6.851	1.141	4.395	2.371	4.165	0.878

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	15:16:10	54376.8330	1027.5633	2005.2412	4788.8756	2550.3902	1677.6689	3882.5709	1595.9861
2	15:16:52	57779.6170	1112.5743	1882.7127	4946.4676	2422.8522	1837.7026	4006.7964	1677.6689
3	15:17:34	53284.8130	1027.5633	2130.2722	4953.9721	2525.3826	1670.1674	4075.9966	1620.1575
4	15:18:18	59642.6740	1175.0828	2105.2659	4881.4293	2585.4010	1645.1624	3990.9554	1638.4944
5	15:19:00	53297.3930	1077.5697	1987.7370	4776.3684	2372.8378	1657.6649	4065.1580	1595.1527
X		55676.2660	1084.0707	2022.2458	4869.4226	2491.3727	1697.6732	4004.2955	1625.4919
%RSD		5.176	5.747	4.915	1.730	3.603	4.668	1.928	2.111

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:16:10	539.1841	53.3335	842984.6500	2262.8072	3710.8260	3835.8826	2427.8536	6059.7024
2	15:16:52	557.5187	44.1668	849073.7700	2090.2621	3848.3884	4008.4638	2207.7924	6114.7426
3	15:17:34	535.0172	47.5001	852633.6900	2130.2722	3908.4163	3860.8942	2230.2984	6047.1933
4	15:18:18	585.0205	49.1668	849101.3800	2125.2710	3733.3361	3900.9128	2325.3244	5809.5243
5	15:19:00	569.1861	39.1668	853045.2900	2137.7742	3898.4116	3990.9554	2282.8126	6052.1969
X		557.1853	46.6668	849367.7500	2149.2773	3819.8757	3919.4218	2294.8163	6016.6719
%RSD		3.737	11.434	0.475	3.072	2.421	1.968	3.806	1.977

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	15:16:10	924557.8200	28.7500	12.5000	12.5000	18.7500	37.5001	894239.0800	140.0012
2	15:16:52	938577.8400	40.0001	10.0000	10.0000	21.2500	60.0002	901022.1700	100.0006
3	15:17:34	931757.3600	30.0001	5.0000	16.2500	27.5000	42.5001	902397.1900	77.5004
4	15:18:18	938209.6300	37.5001	5.0000	22.5000	17.5000	60.0002	907407.4400	135.0011
5	15:19:00	935972.8300	30.0001	12.5000	11.2500	13.7500	50.0001	909428.4700	125.0009
X		933815.0900	33.2501	9.0000	14.5000	19.7500	50.0002	902898.8700	115.5008
%RSD		0.626	15.409	42.127	34.805	25.864	20.310	0.659	22.722

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	15:16:10	112.5008	15757.3840	27788.7560	1647289.0000	90.0005	242.5035	162.5016	200.0024
2	15:16:52	117.5008	16153.1400	28473.5620	1665267.4000	96.2506	168.7517	162.5016	155.0014
3	15:17:34	120.0009	15950.2500	27961.8330	1640837.5000	85.0004	198.7524	182.5020	135.0011
4	15:18:18	115.0008	15767.4030	28370.7120	1647292.1000	75.0003	217.5028	147.5013	175.0018
5	15:19:00	102.5006	16594.0050	28526.2410	1668785.6000	71.2503	226.2531	165.0016	155.0014
X		113.5008	16044.4360	28224.2210	1653894.3000	83.5004	210.7527	164.0016	164.0016
%RSD		5.951	2.163	1.166	0.746	12.408	13.425	7.591	14.998

Run	Time	208Pb	209Bi	220Bkg
1	15:16:10	360.0078	1129866.8000	0.0000
2	15:16:52	340.0069	1130019.3000	0.0000
3	15:17:34	342.5070	1127940.1000	0.0000
4	15:18:18	365.0080	1132831.7000	0.0000
5	15:19:00	405.0098	1132351.3000	0.0000
X		362.5079	1130601.8000	0.0000
%RSD		7.200	0.177	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	15:20:29	345433.2400	17472.4650	TM 217819720.0000	T 47217080.0000	T 6503958.5000	T 7600887.4000	T 3316828.4000	T 2855222.1000
2	15:21:11	350082.1700	17063.2850	TM 215049630.0000	T 46716327.0000	T 6506264.9000	T 7587949.4000	T 3279612.9000	T 2809323.9000
3	15:21:53	343004.2700	17290.4190	TM 210314300.0000	T 46150704.0000	T 6383679.3000	T 7518472.3000	T 3246585.2000	T 2772940.5000
4	15:22:35	338607.3100	16609.0350	TM 209924500.0000	T 45700083.0000	T 6294278.9000	T 7316631.6000	T 3254380.2000	T 2776742.8000
5	15:23:17	343091.9300	16983.1210	TM 206089470.0000	T 45806909.0000	T 6307360.2000	T 7434184.1000	T 3249365.3000	T 2764218.6000
x		344043.7900	17083.6650	TM 211839520.0000	T 46318221.0000	T 6399108.3000	T 7491625.0000	T 3269354.4000	T 2795689.6000
%RSD		1.215	1.919	TM 2.178	T 1.382	T 1.604	T 1.577	T 0.905	T 1.338

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	15:20:29	TM 4738491.6000	572550.6100	595.0212	1189008.5000	409951.5400	8221.5536	1421172.4000	110214.0400
2	15:21:11	TM 4731072.0000	564503.4700	605.0220	1182170.4000	416071.4400	8511.8449	1415850.2000	110272.3000
3	15:21:53	TM 4749650.2000	567026.4200	565.0192	1188033.0000	409405.6600	8586.9218	1427611.4000	109869.5400
4	15:22:35	TM 4699037.3000	564213.5400	600.0216	1184877.5000	410198.2500	8379.2106	1399600.0000	107607.8100
5	15:23:17	TM 4658745.5000	561708.7800	610.0223	1174856.3000	410227.1200	8311.6429	1395335.7000	108719.6000
x		TM 4715399.3000	566000.5600	595.0213	1183789.1000	411170.8000	8402.2348	1411913.9000	109336.6600
%RSD		TM 0.781	0.727	2.971	0.479	0.671	1.760	0.985	1.053

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	15:20:29	60534.0670	1305577.5000	271491.5800	320748.7300	157056.1800	207675.9100	16723.4300	2415.3500
2	15:21:11	60403.1220	1314750.9000	268460.7200	319117.8800	153870.0600	205113.6100	15919.3580	2388.6756
3	15:21:53	51521.2760	1302618.6000	274668.1700	322247.4200	152558.7800	204918.9000	16321.8020	2384.5078
4	15:22:35	54983.2930	1284471.2000	269126.6900	322839.7000	151087.3400	204196.4900	16095.5290	2394.5106
5	15:23:17	50412.0220	1275102.7000	264486.6200	313941.7300	151754.2900	201573.7900	16144.7910	2425.3529
x		55570.7560	1296504.2000	269646.7600	319779.0900	153265.3300	204695.7400	16240.9820	2401.6794
%RSD		8.599	1.253	1.399	1.116	1.539	1.068	1.881	0.740

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:20:29	931.7188	44.1668	837318.9000	2175.2839	3828.3792	4293.6058	2327.8251	6192.2998
2	15:21:11	996.7263	47.5001	845007.4500	2065.2559	3793.3632	4191.0536	2390.3428	6232.3296
3	15:21:53	902.5489	47.5001	846393.0400	2272.8099	3823.3769	4283.6007	2437.8565	6219.8203
4	15:22:35	951.7210	54.1668	847320.5700	2227.7977	3788.3609	4218.5675	2347.8307	6202.3073
5	15:23:17	894.2146	44.1668	840824.3900	2290.3147	3763.3496	4091.0039	2362.8349	6022.1752
x		935.3859	47.5001	843372.8700	2206.2924	3799.3659	4215.5663	2373.3380	6173.7864
%RSD		4.413	8.595	0.498	4.104	0.705	1.943	1.798	1.395

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	15:20:29	915680.7400	85703.4500	1170.0821	82471.0790	19051.7530	44817.6940	898825.3500	82.5004
2	15:21:11	922485.9800	85232.4060	1342.6081	82235.0140	18708.4770	44692.0220	899986.1800	77.5004
3	15:21:53	923558.0400	84428.0300	1307.6026	81273.1460	18961.5480	45222.3720	904642.1400	95.0005
4	15:22:35	933850.9000	84819.4750	1272.5972	81751.5420	18893.8950	43925.4620	914236.8700	65.0003
5	15:23:17	924176.2700	84460.8600	1180.0835	80869.2450	18593.2190	44639.2400	907443.5800	75.0003
x		923950.3900	84928.8440	1254.5947	81720.0050	18841.7780	44659.3580	905026.8200	79.0004
%RSD		0.703	0.638	6.119	0.810	0.995	1.052	0.687	13.903

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	15:20:29	111118.4300	443851.1100	789263.7900	1653784.4000	86038.1220	208724.1100	27610.6650	25621.8280
2	15:21:11	111855.7000	444243.7200	798225.0200	1658543.3000	85503.9160	208202.5600	27234.4300	24826.9280
3	15:21:53	110677.6200	444870.8900	794239.8900	1669920.3000	86672.1420	208848.4200	26848.1800	25940.3110
4	15:22:35	111787.2900	442704.9900	790838.0600	1671663.5000	86347.5480	209714.7800	27251.9880	25117.7970
5	15:23:17	109573.1700	436513.3500	786628.7500	1679699.7000	86102.5330	208557.5200	27136.6120	25451.3070
x		111002.4400	442436.8100	791839.1000	1666722.2000	86132.8520	208809.4800	27216.3750	25391.6340
%RSD		0.843	0.769	0.569	0.627	0.500	0.269	1.005	1.707

Run	Time	208Pb	209Bi	220Bkg
1	15:20:29	59763.5350	1126395.6000	0.0000
2	15:21:11	59557.0650	1133513.2000	0.0000
3	15:21:53	59562.1010	1138252.5000	0.0000
4	15:22:35	60652.4230	1143946.3000	0.0000
5	15:23:17	60795.9630	1152402.4000	0.0000
x		60066.2170	1138902.0000	0.0000
%RSD		1.013	0.871	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	15:24:47	342535.5700	34.1667	TM 204309680.0000	T 45237686.0000	T 6260095.3000	T 7332726.1000	12997.6280	T 2689343.4000
2	15:25:29	350130.8200	16.6667	TM 208008260.0000	T 45265646.0000	T 6133309.9000	T 7235916.1000	12769.7770	T 2718248.3000
3	15:26:11	347173.3600	20.0000	TM 205919620.0000	T 44740398.0000	T 6234104.8000	T 7305081.0000	12259.0100	T 2744558.2000
4	15:26:53	346708.7700	19.1667	TM 210339330.0000	T 45739180.0000	T 6251282.7000	T 7305566.6000	11893.4810	T 2714968.5000
5	15:27:35	349002.4300	18.3334	TM 209082440.0000	T 45214605.0000	T 6210214.2000	T 7352150.5000	12113.7980	T 2728483.9000
X		347110.1900	21.6667	TM 207531870.0000	T 45239503.0000	T 6217801.4000	T 7306288.0000	12406.7390	T 2719120.5000
%RSD		0.837	32.749	TM 1.168	T 0.782	T 0.819	T 0.603	3.720	T 0.745

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	15:24:47	TM 4599096.7000	572530.5500	450.0122	78477.7940	4381.1514	2367.8364	1830.2010	109370.5400
2	15:25:29	TM 4542719.5000	570833.6100	465.0130	78573.6910	3985.9530	2460.3631	1540.1423	111077.9000
3	15:26:11	TM 4633390.4000	574384.3200	492.5146	77062.1750	4161.0386	2587.9018	1395.1168	110507.8900
4	15:26:53	TM 4585289.6000	567579.7500	490.0144	78230.4850	4186.0511	2312.8209	1385.1151	107597.6800
5	15:27:35	TM 4625464.5000	568502.0400	475.0135	79108.7170	4118.5175	2485.3706	1317.6042	110328.0300
X		TM 4597192.1000	570766.0500	474.5135	78290.5730	4166.5423	2442.8585	1493.6359	109776.4100
%RSD		TM 0.786	0.492	3.733	0.968	3.424	4.375	13.717	1.243

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	15:24:47	49209.8690	1672.6679	2020.2449	4896.4381	2487.8713	1775.1891	3930.9269	1560.1460
2	15:25:29	50728.9370	1447.6257	1962.7311	4783.8727	2477.8683	1780.1901	3905.9152	1535.1414
3	15:26:11	50437.1740	1395.1168	1945.2270	4996.4975	2417.8507	1700.1734	3957.6062	1545.9767
4	15:26:53	49730.4460	1252.5941	2020.2449	4781.3713	2420.3514	1652.6639	3907.5826	1585.9842
5	15:27:35	50972.9190	1107.5736	2082.7602	4708.8300	2460.3631	1507.6364	4070.1604	1632.6599
X		50215.8690	1375.1156	2006.2416	4833.4019	2452.8610	1683.1706	3954.4383	1571.9817
%RSD		1.454	15.460	2.714	2.342	1.319	6.637	1.720	2.474

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:24:47	583.3537	40.0001	842118.2800	2282.8126	3580.7691	4043.4807	2270.3092	5814.5278
2	15:25:29	601.6884	35.0001	853479.0000	2087.7615	3490.7310	3925.9246	2272.8099	5814.5278
3	15:26:11	576.6866	45.0001	857449.7600	2167.7819	3653.3006	4060.9893	2330.3258	6019.6734
4	15:26:53	574.1865	48.3335	859553.3000	2200.2904	3643.2962	3990.9554	2200.2904	5827.0365
5	15:27:35	590.8543	45.8335	856883.1900	2032.7479	3870.8988	4108.5125	2235.2998	5954.6267
X		585.3539	42.8334	853896.7100	2154.2789	3647.7992	4025.9725	2261.8070	5886.0785
%RSD		1.912	12.427	0.812	4.525	3.852	1.738	2.140	1.618

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	15:24:47	914776.5600	73.7503	15.0000	50.0001	25.0000	70.0003	909803.8100	85.0004
2	15:25:29	926730.4300	52.5002	10.0000	47.5001	30.0001	52.5002	906898.7800	57.5002
3	15:26:11	937004.7000	48.7501	2.5000	40.0001	23.7500	37.5001	908903.0100	72.5003
4	15:26:53	921731.4300	36.2501	12.5000	22.5000	18.7500	52.5002	910754.7600	77.5004
5	15:27:35	923967.4000	20.0000	10.0000	15.0000	17.5000	52.5002	911975.5600	57.5002
X		924842.1100	46.2501	10.0000	35.0001	23.0000	53.0002	909667.1800	70.0003
%RSD		0.877	43.116	46.771	44.320	21.942	21.719	0.211	17.496

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	15:24:47	195.0023	16318.4620	28656.6880	1675989.6000	120.0009	320.0061	202.5025	165.0016
2	15:25:29	137.5011	15589.5680	28042.1020	1672199.2000	108.7507	253.7539	167.5017	102.5006
3	15:26:11	125.0009	16503.8260	29253.7570	1697696.3000	100.0006	208.7526	180.0019	177.5019
4	15:26:53	112.5008	16110.5580	28849.8530	1686066.5000	73.7503	185.0021	197.5023	130.0010
5	15:27:35	100.0006	16032.9080	28428.4080	1676683.1000	62.5002	186.2521	165.0016	140.0012
X		134.0011	16111.0650	28646.1610	1681726.9000	93.0005	230.7534	182.5020	143.0013
%RSD		27.502	2.140	1.584	0.611	25.934	24.755	9.341	20.664

Run	Time	208Pb	209Bi	220Bkg
1	15:24:47	315.0060	1152529.6000	0.0000
2	15:25:29	302.5055	1149215.2000	0.0000
3	15:26:11	332.5066	1151048.0000	0.0000
4	15:26:53	385.0089	1160041.4000	0.0000
5	15:27:35	307.5057	1158644.3000	0.0000
X		328.5065	1154295.7000	0.0000
%RSD		10.219	0.414	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	15:29:04	388431.5700	10.8333	↑47483042.0000	↑10298401.0000	↑1410027.5000	↑1665437.6000	5997.1572	647035.5600
2	15:29:46	394201.6000	20.8334	↑48138465.0000	↑10548021.0000	↑1468514.7000	↑1679242.8000	5509.3206	655016.8600
3	15:30:28	393912.5700	15.8333	↑47286277.0000	↑10343756.0000	↑1419150.0000	↑1659471.5000	5719.4621	656783.0800
4	15:31:10	403238.0900	17.5000	↑48119231.0000	↑10496980.0000	↑1462042.9000	↑1672409.6000	5599.3806	642674.1900
5	15:31:52	395647.7700	5.8333	↑48478937.0000	↑10539239.0000	↑1427721.7000	↑1666929.1000	5766.9948	656010.6600
x		395086.3200	14.1667	↑47901190.0000	↑10445280.0000	↑1437491.4000	↑1668698.1000	5718.4630	651504.0700
%RSD		1.347	41.595	↑1.039	↑1.112	↑1.824	↑0.448	3.247	0.966

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	15:29:04	923747.4000	614151.6400	142.5012	22194.5160	1770.1880	2332.8265	482.5140	106931.6900
2	15:29:46	937105.1000	615381.3300	167.5017	21329.7630	1657.6649	2192.7885	460.0127	108005.4000
3	15:30:28	927803.0100	615859.8100	165.0016	21064.0880	1715.1765	2212.7937	462.5128	109380.6700
4	15:31:10	937406.3200	618178.6700	182.5020	20592.9130	1732.6801	2157.7793	470.0133	110685.2200
5	15:31:52	959333.8600	628914.0100	140.0012	20592.9130	1650.1634	2107.7665	392.5092	106698.7300
x		937079.1400	618497.0900	159.5015	21154.8390	1705.1746	2200.7909	453.5124	108340.3400
%RSD		1.470	0.971	11.270	3.128	2.986	3.811	7.763	1.556

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	15:29:04	12454.3000	355.0076	542.5177	1710.1755	785.0370	975.0570	966.7227	906.7160
2	15:29:46	12597.0140	330.0065	590.0209	1562.6465	972.5568	1042.5652	932.5522	902.5489
3	15:30:28	13698.7500	335.0067	537.5173	1687.6709	865.0449	1005.0606	880.8799	886.7138
4	15:31:10	12454.3000	280.0047	557.5187	1622.6580	725.0315	1035.0643	890.8810	893.3812
5	15:31:52	12932.5270	270.0044	487.5143	1665.1664	852.5436	1082.5703	904.2157	870.8788
x		12827.3780	314.0060	543.0178	1649.6634	840.0428	1028.0635	915.0503	892.0478
%RSD		4.091	11.777	6.848	3.541	11.071	3.942	3.804	1.589

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:29:04	164.1683	47.5001	912170.2400	472.5134	830.0413	910.0497	525.0165	1225.0900
2	15:29:46	176.6685	41.6668	916629.5400	512.5158	852.5436	865.0449	492.5146	1300.1014
3	15:30:28	159.1682	37.5001	932574.0900	552.5183	827.5411	912.5500	500.0150	1247.5934
4	15:31:10	159.1682	55.8335	932774.8000	497.5149	812.5396	892.5478	467.5131	1297.6010
5	15:31:52	157.5015	40.0001	928624.9500	440.0116	787.5372	897.5483	582.5204	1237.5919
x		163.3349	44.5001	924554.7200	495.0148	822.0406	895.5481	513.5159	1261.5955
%RSD		4.813	16.465	1.033	8.541	2.920	2.121	8.507	2.770

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	15:29:04	1032460.0000	21.2500	5.0000	12.5000	11.2500	32.5001	975140.2900	52.5002
2	15:29:46	1043662.6000	13.7500	7.5000	12.5000	5.0000	27.5000	996614.4300	30.0001
3	15:30:28	1058407.6000	20.0000	7.5000	12.5000	6.2500	25.0000	995738.4000	65.0003
4	15:31:10	1064695.6000	27.5000	7.5000	15.0000	6.2500	15.0000	1001400.4000	37.5001
5	15:31:52	1054387.7000	30.0001	5.0000	12.5000	7.5000	17.5000	1000914.4000	47.5001
x		1050722.7000	22.5000	6.5000	13.0000	7.2500	23.5000	993961.5900	46.5001
%RSD		1.214	28.599	21.066	8.600	33.164	30.649	1.088	29.102

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	15:29:04	22.5000	3355.6755	6460.0029	1764266.0000	45.0001	117.5008	70.0003	92.5005
2	15:29:46	35.0001	3608.2810	6352.4203	1771744.1000	43.7501	107.5007	75.0003	80.0004
3	15:30:28	30.0001	3563.2616	6089.7243	1771759.4000	36.2501	130.0010	90.0005	75.0003
4	15:31:10	12.5000	3685.8149	6119.7463	1784242.6000	46.2501	125.0009	100.0006	55.0002
5	15:31:52	20.0000	3480.7268	6232.3296	1769807.5000	50.0001	112.5008	77.5004	55.0002
x		24.0000	3538.7520	6250.8447	1772363.9000	44.2501	118.5009	82.5004	71.5003
%RSD		36.533	3.573	2.498	0.413	11.405	7.694	14.845	22.875

Run	Time	208Pb	209Bi	220Bkg
1	15:29:04	197.5023	1270367.1000	0.0000
2	15:29:46	177.5019	1263718.3000	0.0000
3	15:30:28	147.5013	1273664.4000	0.0000
4	15:31:10	150.0014	1279508.9000	0.0000
5	15:31:52	145.0013	1274624.7000	0.0000
x		163.5016	1272376.7000	0.0000
%RSD		14.122	0.459	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	15:33:21	349459.3300	16.6667	TM 305974580.0000	T 46706973.0000	T 6395073.8000	T 7577890.3000	6915.3681	T 4758961.8000
2	15:34:03	344104.0800	12.5000	TM 302874360.0000	T 46197405.0000	T 6340648.7000	T 7540220.7000	6907.8619	T 4792335.7000
3	15:34:45	348489.9800	15.0000	TM 313679550.0000	T 47137205.0000	T 6491737.8000	T 7595337.6000	6560.0811	T 4766980.9000
4	15:35:27	339391.6100	20.8334	TM 306700100.0000	T 46037014.0000	T 6278512.4000	T 7394433.4000	6522.5516	T 4833440.5000
5	15:36:09	340384.2200	14.1667	TM 304979280.0000	T 46703945.0000	T 6374109.3000	T 7447538.4000	6222.3222	T 4679275.1000
X		344365.8400	15.8333	TM 306841570.0000	T 46556509.0000	T 6376016.4000	T 7511084.1000	6625.6370	T 4766198.8000
%RSD		1.328	20.042	TM 1.331	T 0.949	T 1.228	T 1.154	4.408	T 1.187

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	15:33:21	TM 4733876.2000	567875.1400	570.0195	59476.4920	3575.7670	2272.8099	445.0119	107772.4200
2	15:34:03	TM 4756699.8000	562848.1900	450.0122	61861.2600	3328.1645	2365.3356	410.0101	107696.4400
3	15:34:45	TM 4795472.5000	569800.1000	580.0202	61752.9610	3325.6635	2337.8279	422.5107	108896.8900
4	15:35:27	TM 4782366.5000	563035.2100	550.0181	60959.6520	3370.6816	2250.3038	420.0106	102445.8600
5	15:36:09	TM 4768131.0000	565568.4200	527.5167	62289.4320	3633.2919	2250.3038	330.0065	103288.6700
X		TM 4767309.2000	565825.4100	535.5173	61267.9590	3446.7137	2295.3162	405.5100	106020.0600
%RSD		TM 0.498	0.535	9.683	1.813	4.253	2.312	10.876	2.766

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	15:33:21	51186.7240	1402.6180	3205.6164	16158.1500	7908.7511	10476.5810	4025.9723	1675.1684
2	15:34:03	55740.8010	1532.6409	3438.2091	15752.3740	7608.4717	10298.8600	3962.6086	1720.1775
3	15:34:45	54049.7160	1410.1193	3023.0482	15814.9930	7560.9285	10419.0090	3940.9316	1689.3379
4	15:35:27	55471.5130	1307.6026	3230.6261	15850.0590	7871.2156	10414.0030	4022.6373	1681.0029
5	15:36:09	51835.7170	1355.1102	3198.1136	15995.3360	7598.4626	10491.6000	3969.2784	1706.8414
X		53656.8940	1401.6182	3219.1227	15914.1820	7709.5659	10420.0110	3984.2856	1694.5056
%RSD		3.866	5.995	4.587	1.024	2.155	0.728	0.954	1.102

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:33:21	723.3647	47.5001	834335.7900	967.5562	1600.1536	1817.6982	1010.0612	2557.8925
2	15:34:03	676.6941	40.0001	845799.5800	1005.0606	1650.1634	1612.6560	995.0594	2737.9497
3	15:34:45	710.0303	32.5001	841690.6400	927.5516	1680.1694	1672.6679	1057.5671	2582.9002
4	15:35:27	663.3597	35.0001	849799.9900	1002.5603	1470.1297	1655.1644	1140.0780	2622.9127
5	15:36:09	675.8607	50.8335	840683.7100	912.5500	1687.6709	1742.6822	1010.0612	2627.9143
X		689.8619	41.1668	842461.9400	963.0557	1617.6574	1700.1737	1042.5654	2625.9139
%RSD		3.696	19.129	0.689	4.392	5.524	4.748	5.696	2.628

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	15:33:21	912670.8600	28.7500	12.5000	13.7500	23.7500	92.5005	892562.8500	85.0004
2	15:34:03	918972.7600	31.2501	7.5000	13.7500	12.5000	55.0002	890684.4200	92.5005
3	15:34:45	927231.8800	26.2500	7.5000	20.0000	15.0000	35.0001	908994.7500	75.0003
4	15:35:27	913777.8900	21.2500	5.0000	6.2500	13.7500	45.0001	908160.7500	80.0004
5	15:36:09	913524.7600	31.2501	2.5000	8.7500	17.5000	67.5003	902058.2800	80.0004
X		917235.6300	27.7500	7.0000	12.5000	16.5000	59.0002	900492.2100	82.5004
%RSD		0.667	15.075	52.973	42.426	26.998	37.733	0.950	8.017

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	15:33:21	105.0007	12441.7810	21673.1470	1643917.9000	61.2502	166.2517	2825.4789	2595.4041
2	15:34:03	82.5004	12521.9010	22249.6630	1655533.5000	66.2503	138.7512	2910.5082	2537.8864
3	15:34:45	87.5005	12444.2850	22876.3570	1672120.5000	61.2502	162.5016	2905.5064	2647.9206
4	15:35:27	140.0012	12579.4870	21846.0980	1673013.5000	62.5002	168.7517	3160.5992	2845.4857
5	15:36:09	107.5007	12779.7920	22287.2640	1686172.6000	82.5004	145.0013	3045.5564	2535.3856
X		104.5007	12553.4490	22186.5060	1666151.6000	66.7503	156.2515	2969.5298	2632.4165
%RSD		21.624	1.107	2.101	0.991	13.543	8.635	4.475	4.856

Run	Time	208Pb	209Bi	220Bkg
1	15:33:21	6367.4317	1120295.8000	0.0000
2	15:34:03	6289.8729	1130788.9000	0.0000
3	15:34:45	6332.4050	1139794.7000	0.0000
4	15:35:27	6472.5126	1141918.1000	0.0000
5	15:36:09	6475.0146	1156619.9000	0.0000
X		6387.4474	1137883.5000	0.0000
%RSD		1.306	1.188	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	15:37:38	342720.4400	20.0000	TM 302792810.0000	T 46962885.0000	T 6364401.6000	T 7523328.4000	18440.3800	T 4691709.3000
2	15:38:20	332985.7900	15.8333	TM 302468440.0000	T 46712121.0000	T 6363437.7000	T 7527352.1000	18447.8970	T 4708558.4000
3	15:39:02	335482.1500	21.6667	TM 302436410.0000	T 45615430.0000	T 6297377.1000	T 7447434.4000	18670.8930	T 4794948.7000
4	15:39:45	344164.8400	13.3333	TM 308863690.0000	T 46763431.0000	T 6419411.9000	T 7456661.0000	18254.9730	T 4710432.6000
5	15:40:27	344777.7500	10.8333	TM 313024440.0000	T 47765308.0000	T 6543030.3000	T 7703351.4000	19257.2250	T 4900963.3000
x		340026.1900	16.3333	TM 305917160.0000	T 46763835.0000	T 6397531.7000	T 7531625.4000	18614.2730	T 4761322.4000
%RSD		1.592	27.617	TM 1.576	T 1.644	T 1.440	T 1.365	2.087	T 1.844

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	15:37:38	TM 4783827.0000	567228.2300	560.0188	25072.6620	9480.3896	2477.8683	532.5170	109233.7600
2	15:38:20	TM 4735570.5000	552594.9500	487.5143	25353.5090	9405.3046	2500.3751	467.5131	108425.8100
3	15:39:02	TM 4791850.3000	561499.0900	520.0162	26514.6140	9342.7343	2582.9002	520.0162	109018.4700
4	15:39:45	TM 4703360.5000	555649.6200	565.0192	26612.4260	9670.6080	2620.4119	535.0172	106777.2300
5	15:40:27	TM 4867915.8000	558781.4800	470.0133	26991.1410	9785.7423	2562.8940	535.0172	109236.2900
x		TM 4776504.8000	559150.6700	520.5163	26108.8700	9536.9557	2548.8899	518.0161	108538.3100
%RSD		TM 1.310	1.004	8.140	3.228	1.948	2.310	5.581	0.957

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	15:37:38	53050.8280	1300.1014	3010.5437	24197.5800	11880.9630	8729.5699	3268.9744	1418.4540
2	15:38:20	51405.5640	1325.1053	2877.9969	23976.9440	11452.8650	8541.8756	3278.9783	1470.1297
3	15:39:02	51146.4780	1430.1227	3065.5638	23951.8720	11613.0860	8589.4244	3368.1805	1370.9461
4	15:39:45	52799.2370	1355.1102	2762.9580	24450.8180	11810.8640	8882.2311	3235.6280	1524.3061
5	15:40:27	51606.8020	1287.5995	2895.5029	24969.8540	11996.1280	8759.6014	3281.4793	1578.4828
x		52001.7820	1339.6078	2922.5131	24309.4140	11750.7810	8700.5405	3286.6481	1472.4637
%RSD		1.660	4.241	4.062	1.730	1.847	1.572	1.494	5.596

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:37:38	581.6870	31.6667	852396.1300	42.5001	45.0001	37.5001	20.0000	50.0001
2	15:38:20	600.8550	40.8334	835634.2300	40.0001	30.0001	35.0001	35.0001	30.0001
3	15:39:02	605.8554	40.8334	831805.6300	30.0001	37.5001	47.5001	35.0001	50.0001
4	15:39:45	605.0220	45.8335	834553.5600	45.0001	32.5001	40.0001	22.5000	32.5001
5	15:40:27	613.3559	40.0001	848919.1400	57.5002	37.5001	20.0000	52.5002	55.0002
x		601.3550	39.8334	840661.7400	43.0001	36.5001	36.0001	33.0001	43.5001
%RSD		1.976	12.845	1.108	23.037	15.768	28.037	39.146	26.211

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	15:37:38	915088.1400	31.2501	5.0000	17.5000	13.7500	37.5001	902561.1000	92.5005
2	15:38:20	909664.7900	26.2500	10.0000	21.2500	13.7500	40.0001	910788.1200	145.0013
3	15:39:02	916045.2200	23.7500	17.5000	10.0000	18.7500	42.5001	909194.9300	117.5008
4	15:39:45	924340.5900	25.0000	5.0000	10.0000	15.0000	17.5000	899103.0400	115.0008
5	15:40:27	917517.2200	32.5001	5.0000	11.2500	13.7500	45.0001	904556.0000	107.5007
x		916531.1900	27.7500	8.5000	14.0000	15.0000	36.5001	905240.6400	115.5008
%RSD		0.576	14.029	64.438	36.487	14.434	30.090	0.529	16.584

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	15:37:38	92.5005	12927.5190	21658.1080	1698248.7000	65.0003	168.7517	777.5363	625.0234
2	15:38:20	92.5005	12506.8780	21853.6170	1680508.6000	60.0002	133.7511	647.5252	620.0231
3	15:39:02	107.5007	12171.3820	22086.7310	1688116.0000	48.7501	135.0011	732.5322	615.0227
4	15:39:45	115.0008	12133.8270	22242.1430	1694112.4000	71.2503	137.5011	715.0307	670.0269
5	15:40:27	70.0003	12586.9990	22385.0250	1672284.0000	46.2501	137.5011	720.0311	655.0257
x		95.5006	12465.3210	22045.1250	1686653.9000	58.2502	142.5012	718.5311	637.0244
%RSD		18.080	2.619	1.327	0.619	18.247	10.361	6.503	3.789

Run	Time	208Pb	209Bi	220Bkg
1	15:37:38	1627.6589	1145792.2000	0.0000
2	15:38:20	1565.1470	1155839.4000	0.0000
3	15:39:02	1517.6382	1157556.3000	0.0000
4	15:39:45	1507.6364	1151248.0000	0.0000
5	15:40:27	1597.6531	1152253.8000	0.0000
x		1563.1467	1152537.9000	0.0000
%RSD		3.279	0.396	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	15:41:56	352502.7400	14.1667	TM 247113630.0000	T 32544464.0000	T 4513189.6000	T 5335130.6000	5426.7664	T 5132220.4000
2	15:42:38	352231.6300	15.8333	TM 249383340.0000	T 32888225.0000	T 4484617.3000	T 5297079.5000	5399.2485	T 5162891.3000
3	15:43:20	351127.2900	12.5000	TM 258368590.0000	T 33372727.0000	T 4577597.9000	T 5375158.8000	5641.9092	T 5158962.8000
4	15:44:03	357605.9100	17.5000	TM 256025810.0000	T 33341302.0000	T 4532226.4000	T 5368117.4000	5621.8957	T 5111154.4000
5	15:44:45	352964.1700	15.8333	TM 258707930.0000	T 33044948.0000	T 4557115.3000	T 5305820.5000	5431.7697	T 5187723.5000
x		353286.3500	15.1667	TM 253919860.0000	T 33038333.0000	T 4532949.3000	T 5336261.3000	5504.3179	T 5150590.5000
%RSD		0.710	12.529	TM 2.103	T 1.038	T 0.803	T 0.662	2.132	T 0.574

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	15:41:56	TM 5952559.2000	571169.2300	430.0111	109373.0700	273924.2700	6437.4855	435.0114	116896.6800
2	15:42:38	TM 5950066.5000	564889.6200	457.5126	110634.5600	271274.6800	6525.0536	445.0119	115910.5500
3	15:43:20	TM 5909521.6000	574677.2700	425.0108	113338.0200	276820.1500	6550.0732	367.5081	116227.4200
4	15:44:03	TM 5979939.6000	586589.5800	415.0103	112291.5000	272847.2900	6352.4203	427.5110	116166.5800
5	15:44:45	TM 5969598.9000	574780.2700	505.0153	111326.1800	276990.6700	6547.5712	442.5118	116894.1400
x		TM 5952337.2000	574421.1900	446.5120	111392.6700	274371.4100	6482.5208	423.5108	116419.0700
%RSD		TM 0.452	1.375	8.130	1.365	0.911	1.326	7.567	0.387

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	15:41:56	65458.5840	2130.2722	2067.7565	25589.2280	12576.9840	12945.0470	2836.3159	1444.2918
2	15:42:38	66731.1170	2197.7898	2180.2852	26020.5610	12511.8860	12792.3110	2793.8016	1433.4566
3	15:43:20	65125.9930	2147.7767	2140.2748	26171.0310	12892.4650	13320.6380	2919.6780	1475.9640
4	15:44:03	71712.2370	2150.2774	2190.2878	25576.6900	12466.8180	13363.2060	2842.1513	1469.2962
5	15:44:45	67794.6500	2132.7729	2352.8321	26108.3350	12709.6850	13045.2030	2996.3719	1481.7984
x		67364.5160	2151.7778	2186.2873	25893.1690	12631.5680	13093.2810	2877.6637	1460.9614
%RSD		3.937	1.264	4.795	1.113	1.363	1.869	2.794	1.437

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:41:56	478.3471	49.1668	848353.1200	497.5149	905.0491	1067.5684	597.5214	1527.6400
2	15:42:38	530.0169	50.8335	856888.7200	522.5164	892.5478	940.0530	617.5229	1465.1288
3	15:43:20	510.0156	64.1669	855863.4500	530.0169	840.0423	980.0576	567.5193	1457.6275
4	15:44:03	469.1799	50.8335	865880.8000	545.0178	887.5473	912.5500	530.0169	1482.6319
5	15:44:45	509.1822	54.1668	862688.8200	537.5173	917.5505	980.0576	665.0265	1475.1305
x		499.3483	53.8335	857934.9800	526.5167	888.5474	976.0573	595.5214	1481.6317
%RSD		5.009	11.248	0.788	3.467	3.321	6.004	8.560	1.851

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	15:41:56	930628.5600	41.2501	15.0000	10.0000	38.7501	55.0002	906518.0000	105.0007
2	15:42:38	933619.5000	21.2500	7.5000	17.5000	26.2500	57.5002	911931.0700	97.5006
3	15:43:20	938636.4200	23.7500	7.5000	13.7500	25.0000	70.0003	916431.9800	92.5005
4	15:44:03	933020.1200	22.5000	15.0000	8.7500	26.2500	75.0003	918719.4800	85.0004
5	15:44:45	948974.8700	23.7500	10.0000	16.2500	26.2500	52.5002	918936.5800	122.5009
x		936975.8900	26.5000	11.0000	13.2500	28.5000	62.0002	914507.4200	100.5006
%RSD		0.781	31.360	34.468	28.770	20.195	15.977	0.577	14.225

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	15:41:56	85.0004	9783.2393	17315.4710	1690538.9000	53.7502	123.7509	4521.2262	3740.8394
2	15:42:38	85.0004	9978.4706	16979.7810	1683959.9000	53.7502	118.7509	4683.8159	3915.9198
3	15:43:20	95.0005	9530.4467	17212.7580	1687091.2000	55.0002	151.2514	4506.2180	3938.4305
4	15:44:03	95.0005	9733.1808	17092.5110	1697250.1000	48.7501	136.2511	4551.2425	3805.8689
5	15:44:45	80.0004	10003.5010	17540.9420	1706496.7000	52.5002	132.5011	4563.7493	3880.9035
x		88.0005	9805.7676	17228.2930	1693067.4000	52.7502	132.5011	4565.2504	3856.3924
%RSD		7.623	1.978	1.251	0.531	4.558	9.481	1.536	2.122

Run	Time	208Pb	209Bi	220Bkg
1	15:41:56	9277.6616	1152849.6000	0.0000
2	15:42:38	9562.9839	1152641.0000	0.0000
3	15:43:20	9520.4352	1146112.0000	0.0000
4	15:44:03	9380.2764	1152926.8000	0.0000
5	15:44:45	9492.9038	1156122.4000	0.0000
x		9446.8522	1152130.4000	0.0000
%RSD		1.231	0.318	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	15:46:14	359742.4900	18.3334	TM 253116800.0000	T 33177614.0000	T 4551263.1000	T 5346854.6000	6249.8428	T 5114181.9000
2	15:46:56	356149.6600	16.6667	TM 247152740.0000	T 32392014.0000	T 4482276.4000	T 5315498.0000	6757.7389	T 5119299.7000
3	15:47:38	353748.0400	17.5000	TM 245286540.0000	T 32094583.0000	T 4435562.4000	T 5212583.2000	6472.5126	T 4999319.2000
4	15:48:20	359602.4700	11.6667	TM 245029970.0000	T 31693657.0000	T 4413771.7000	T 5166276.7000	6162.2776	T 5064787.7000
5	15:49:02	349243.9100	20.8334	TM 242360610.0000	T 31193476.0000	T 4321066.5000	T 5081606.9000	6184.7942	T 4942554.6000
X		355697.3100	17.0000	TM 246589330.0000	T 32110269.0000	T 4440788.0000	T 5224563.9000	6365.4332	T 5048028.6000
%RSD		1.236	19.791	TM 1.634	T 2.327	T 1.918	T 2.079	3.948	T 1.510

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	15:46:14	TM 5869054.6000	583597.5700	422.5107	26727.7940	6022.1752	2575.3979	547.5180	115363.0300
2	15:46:56	TM 5838305.2000	575944.1500	470.0133	27139.1200	6312.3899	2512.8788	562.5190	116919.5000
3	15:47:38	TM 5853202.8000	582558.5100	465.0130	26682.6500	6004.6626	2492.8728	535.0172	113725.7500
4	15:48:20	TM 5707303.6000	574633.1300	360.0078	26211.1570	5847.0506	2520.3811	612.5225	114164.1900
5	15:49:02	TM 5764537.7000	582677.6800	400.0096	26476.9950	5659.4211	2350.3314	500.0150	113700.4100
X		TM 5806480.8000	579882.2100	423.5109	26647.5430	5969.1399	2490.3724	551.5183	114774.5800
%RSD		TM 1.178	0.731	10.866	1.285	4.041	3.375	7.467	1.199

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	15:46:14	71223.0680	2145.2761	2407.8478	71001.1870	34433.4930	30721.5250	2650.4214	1480.1314
2	15:46:56	67227.5830	2202.7911	2377.8392	70328.0150	34056.9510	30538.3530	2698.7703	1475.1305
3	15:47:38	64604.4570	2052.7528	2397.8449	70612.9090	33484.6380	30279.9130	2717.9432	1503.4689
4	15:48:20	62115.6420	1985.2364	2110.2672	67963.5170	32706.5570	30066.6430	2707.9399	1407.6189
5	15:49:02	64095.5500	1912.7195	2332.8265	68336.5490	32432.9910	29461.9890	2667.9270	1416.7871
X		65853.2600	2059.7552	2325.3251	69648.4350	33422.9260	30213.6840	2688.6003	1456.6274
%RSD		5.333	5.693	5.316	2.003	2.556	1.617	1.056	2.888

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:46:14	503.3485	55.0002	872949.3200	455.0124	680.0278	780.0365	472.5134	1155.0800
2	15:46:56	519.1828	56.6669	861925.5800	425.0108	675.0273	760.0347	445.0119	1067.5684
3	15:47:38	575.0198	43.3334	867111.9800	452.5123	647.5252	690.0286	500.0150	1212.5882
4	15:48:20	535.0172	54.1668	876690.6900	412.5102	660.0261	757.5344	437.5115	1152.5797
5	15:49:02	485.0141	53.3335	876831.9600	422.5107	697.5292	767.5354	460.0127	1060.0674
X		523.5165	52.5002	871101.9000	433.5113	672.0271	751.0339	463.0129	1129.5768
%RSD		6.543	10.039	0.743	4.403	2.850	4.688	5.337	5.728

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	15:46:14	939738.3500	53.7502	0.0000	32.5001	27.5000	67.5003	918310.3600	442.5118
2	15:46:56	945774.9000	35.0001	7.5000	23.7500	20.0000	57.5002	913761.2000	405.0098
3	15:47:38	942617.9600	47.5001	12.5000	27.5000	13.7500	50.0001	933580.4700	402.5097
4	15:48:20	951628.4200	36.2501	10.0000	31.2501	21.2500	72.5003	920801.5700	422.5107
5	15:49:02	957888.4000	31.2501	5.0000	43.7501	23.7500	57.5002	942112.8500	487.5143
X		947529.6100	40.7501	7.0000	31.7501	21.2500	61.0002	925713.2900	432.0113
%RSD		0.768	23.220	68.698	23.720	23.894	14.663	1.270	8.086

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	15:46:14	107.5007	9995.9916	17157.6450	1687197.3000	48.7501	130.0010	4171.0436	3728.3338
2	15:46:56	107.5007	9555.4753	16884.5880	1700297.9000	45.0001	132.5011	3863.3953	3505.7373
3	15:47:38	107.5007	9235.1144	16411.1440	1699569.2000	48.7501	130.0010	3980.9507	3730.8350
4	15:48:20	127.5010	9843.3100	16957.2350	1729399.5000	56.2502	93.7505	4078.4978	3570.7649
5	15:49:02	137.5011	9700.6429	17232.8000	1738855.2000	38.7501	157.5015	4038.4783	3590.7735
X		117.5008	9666.1068	16928.6820	1711063.8000	47.5001	128.7510	4026.4731	3625.2889
%RSD		12.036	3.014	1.904	1.282	13.419	17.664	2.843	2.766

Run	Time	208Pb	209Bi	220Bkg
1	15:46:14	8546.8807	1144979.8000	0.0000
2	15:46:56	8762.1040	1149919.4000	0.0000
3	15:47:38	8411.7433	1167473.7000	0.0000
4	15:48:20	8261.5932	1170783.3000	0.0000
5	15:49:02	8544.3781	1192235.8000	0.0000
X		8505.3399	1165078.4000	0.0000
%RSD		2.179	1.611	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	15:50:32	395625.0600	14.1667	174087.0800	19773.4320	2870.4943	3280.6456	39716.9210	64692.6370
2	15:51:14	T463833.7200	18.3334	115302.2000	11758.2900	1500.1350	1830.2010	39729.4810	63125.6890
3	15:51:56	399732.6200	7.5000	85407.9400	7568.4353	1010.0612	1255.0945	39656.6350	63722.7070
4	15:52:38	400539.1600	8.3333	70532.2300	5376.7340	780.0365	820.0404	41038.3000	62188.6830
5	15:53:21	399521.1600	11.6667	58877.2600	3840.8849	555.0185	515.0159	40854.9020	63138.2840
X		T411850.3400	12.0000	100841.3400	9663.5551	1343.1491	1540.1995	40199.2480	63373.6000
%RSD		T7.071	36.943	45.691	66.112	68.708	70.858	1.706	1.451

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	15:50:32	3543.2531	625151.0900	35.0001	18347.6760	1440.1244	2480.3691	105.0007	102504.0700
2	15:51:14	2292.8154	621056.2600	22.5000	18535.5910	1490.1332	2532.8849	165.0016	102511.6600
3	15:51:56	1572.6484	629035.1600	30.0001	18259.9840	1287.5995	2595.4041	127.5010	102716.6700
4	15:52:38	1037.5646	618801.1700	32.5001	17811.5150	1220.0893	2652.9222	145.0013	101598.0800
5	15:53:21	815.0399	622143.0000	17.5000	17588.5420	1252.5941	2447.8595	145.0013	102380.0600
X		1852.2643	623237.3400	27.5000	18108.6610	1338.1081	2541.8879	137.5012	102342.1100
%RSD		59.578	0.636	26.504	2.176	8.945	3.286	16.364	0.423

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	15:50:32	522.5164	32.5001	17.5000	645.0250	345.0071	747.5335	260.8374	629.1904
2	15:51:14	562.5190	17.5000	15.0000	607.5221	267.5043	742.5331	221.6696	583.3537
3	15:51:56	560.0188	30.0001	42.5001	650.0254	345.0071	675.0273	198.3357	615.0227
4	15:52:38	510.0156	25.0000	32.5001	637.5244	267.5043	720.0311	196.6690	591.6877
5	15:53:21	517.5161	30.0001	17.5000	472.5134	307.5057	702.5296	192.5022	631.6906
X		534.5172	27.0000	25.0000	602.5221	306.5057	717.5309	214.0028	610.1890
%RSD		4.647	22.106	47.958	12.369	12.644	4.160	13.341	3.580

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:50:32	55.0002	60.8336	954240.8600	5.0000	2.5000	7.5000	2.5000	2.5000
2	15:51:14	63.3336	66.6669	949318.3900	15.0000	7.5000	2.5000	2.5000	0.0000
3	15:51:56	62.5002	52.5002	955434.1800	17.5000	5.0000	7.5000	5.0000	7.5000
4	15:52:38	45.8335	42.5001	960606.1700	17.5000	5.0000	7.5000	0.0000	10.0000
5	15:53:21	50.0001	46.6668	950309.9300	20.0000	5.0000	7.5000	2.5000	0.0000
X		55.3335	53.8335	953981.9100	15.0000	5.0000	6.5000	2.5000	4.0000
%RSD		13.828	18.466	0.473	39.087	35.355	34.401	70.711	113.537

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	15:50:32	1083688.5000	15.0000	0.0000	18.7500	8.7500	2.5000	1040270.1000	30.0001
2	15:51:14	1095725.6000	15.0000	0.0000	12.5000	8.7500	27.5000	1052514.0000	17.5000
3	15:51:56	1101159.2000	21.2500	0.0000	8.7500	6.2500	12.5000	1051253.8000	20.0000
4	15:52:38	1105882.7000	21.2500	0.0000	5.0000	10.0000	25.0000	1048437.4000	20.0000
5	15:53:21	1099821.1000	13.7500	2.5000	11.2500	13.7500	12.5000	1038046.8000	5.0000
X		1097255.4000	17.2500	0.5000	11.2500	9.5000	16.0000	1046104.5000	18.5000
%RSD		0.766	21.374	223.607	45.134	28.828	64.043	0.627	48.347

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	15:50:32	15.0000	2.5000	12.5000	1852843.7000	31.2501	90.0005	17.5000	37.5001
2	15:51:14	7.5000	5.0000	15.0000	1883391.1000	38.7501	98.7506	42.5001	30.0001
3	15:51:56	0.0000	7.5000	15.0000	1864148.1000	36.2501	126.2510	40.0001	50.0001
4	15:52:38	27.5000	7.5000	10.0000	1845820.9000	32.5001	86.2504	50.0001	20.0000
5	15:53:21	7.5000	0.0000	17.5000	1862352.7000	50.0001	103.7507	37.5001	50.0001
X		11.5000	4.5000	14.0000	1861711.3000	37.7501	101.0006	37.5001	37.5001
%RSD		90.420	72.436	20.360	0.763	19.785	15.567	32.318	34.641

Run	Time	208Pb	209Bi	220Bkg
1	15:50:32	97.5006	1361080.5000	0.0000
2	15:51:14	75.0003	1381707.7000	0.0000
3	15:51:56	60.0002	1373145.4000	0.0000
4	15:52:38	87.5005	1366408.5000	0.0000
5	15:53:21	55.0002	1375137.3000	0.0000
X		75.0004	1371495.9000	0.0000
%RSD		23.921	0.582	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	15:54:51	367985.1000	┬1009023.3000	┬64797790.0000	┬38391028.0000	┬5299445.2000	┬6168473.7000	┬85024347.0000	┬35291599.0000
2	15:55:33	379185.8400	┬1034947.2000	┬65039210.0000	┬38267278.0000	┬5294350.4000	┬6231880.6000	┬85818155.0000	┬35508837.0000
3	15:56:15	381856.2300	┬1079503.9000	┬65935188.0000	┬39136623.0000	┬5414044.4000	┬6311208.7000	┬85595232.0000	┬36030350.0000
4	15:56:57	391765.6600	┬1115806.1000	┬68621412.0000	┬39835215.0000	┬5403303.9000	┬6337882.6000	┬89440978.0000	┬36994194.0000
5	15:57:40	398145.1000	┬1119036.1000	┬68218237.0000	┬40474759.0000	┬5523652.0000	┬6547527.8000	┬89034352.0000	┬37174850.0000
X		383787.5900	┬1071663.3000	┬66522367.0000	┬39220981.0000	┬5386959.2000	┬6319394.7000	┬86982613.0000	┬36199966.0000
%RSD		3.040	┬4.554	┬2.689	┬2.404	┬1.759	┬2.278	┬2.396	┬2.357

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	15:54:51	┬1366899.5000	584214.9100	70.0003	┬5909583.3000	┬5650046.9000	┬4095289.8000	┬7825124.5000	┬67855731.0000
2	15:55:33	1247119.3000	591977.5400	50.0001	┬5978137.3000	┬5806289.8000	┬4151874.9000	┬7886253.7000	┬69172312.0000
3	15:56:15	1255646.2000	606057.5800	60.0002	┬6089845.7000	┬5823945.8000	┬4214053.0000	┬8002543.5000	┬69903775.0000
4	15:56:57	1291051.3000	607104.8400	67.5003	┬6168718.8000	┬5991913.3000	┬4247959.0000	┬8079479.9000	┬71991684.0000
5	15:57:40	1294485.4000	618497.3100	75.0003	┬6392192.6000	┬6028840.9000	┬4360596.5000	┬8174178.8000	┬71804336.0000
X		┬1291040.3000	601570.4300	64.5003	┬6107695.5000	┬5860207.4000	┬4213954.6000	┬7993516.1000	┬70145568.0000
%RSD		┬3.664	2.246	15.111	┬3.074	┬2.618	┬2.391	┬1.769	┬2.511

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	15:54:51	1629511.6000	┬7179682.8000	1512243.6000	┬3749668.2000	1747466.2000	1113183.1000	804249.1500	21734.1390
2	15:55:33	┬1672340.0000	┬7251086.4000	1552619.3000	┬3717915.8000	┬1771615.0000	1111609.9000	807743.2400	21843.5910
3	15:56:15	1676637.6000	┬7241050.5000	1550047.5000	┬3739523.8000	1748427.6000	1132818.9000	823024.6500	22181.1480
4	15:56:57	┬1760879.3000	┬7439379.8000	1608365.5000	┬3857594.4000	1813878.4000	1144483.0000	836476.9900	22579.7160
5	15:57:40	┬1769643.9000	┬7460876.3000	1644222.6000	┬3949849.1000	1842148.1000	1161873.5000	841705.3600	22955.7410
X		┬1701802.5000	┬7314415.2000	1573499.7000	┬3802910.3000	┬1784707.1000	1132793.7000	822639.8800	22258.8670
%RSD		┬3.577	┬1.738	3.326	┬2.585	┬2.348	1.881	2.030	2.293

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:54:51	8812.9910	43.3334	862733.0700	115.0008	195.0023	170.0017	92.5005	235.0033
2	15:55:33	8833.0122	60.8336	872985.3100	95.0005	127.5010	157.5015	80.0004	235.0033
3	15:56:15	9043.2375	46.6668	888398.6600	110.0007	145.0013	200.0024	97.5006	267.5043
4	15:56:57	9155.8604	55.0002	888947.8500	140.0012	185.0021	185.0021	90.0005	280.0047
5	15:57:40	9082.4468	44.1668	885866.7100	117.5008	132.5011	232.5032	100.0006	257.5040
X		8985.5096	50.0002	879786.3200	115.5008	157.0015	189.0022	92.0005	255.0039
%RSD		1.713	15.230	1.311	14.061	19.742	15.386	8.463	7.813

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	15:54:51	991073.3200	457039.8600	63150.8790	446386.2900	994236.4300	2452369.1000	944016.2600	192.5022
2	15:55:33	1009582.5000	462105.5800	63805.8400	445882.8800	996957.0000	2438367.9000	951793.2500	225.0030
3	15:56:15	1016317.1000	467601.0200	64475.9680	451975.8100	1001698.2000	2464121.0000	960013.3300	157.5015
4	15:56:57	1018456.2000	471574.5600	65519.0560	457503.0200	1009685.1000	2471858.2000	966693.4200	152.5014
5	15:57:40	1018515.3000	476070.9700	65370.3960	459255.5800	1021969.8000	2510565.3000	966181.3300	202.5025
X		*1010788.9000*	*466878.4000*	*64464.4280*	*452200.7200*	*1004909.3000*	2467456.3000	957739.5200	*186.0021*
%RSD		1.149	1.612	1.569	1.362	1.114	1.103	1.018	16.506

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	15:54:51	┬3067226.8000	539799.5400	961179.4600	1638053.7000	┬4617264.5000	┬11359928.0000	┬3782013.4000	┬3219991.0000
2	15:55:33	┬3058953.1000	537732.0900	964572.4800	1653053.4000	┬4560420.9000	┬11276587.0000	┬3732230.8000	┬3204989.5000
3	15:56:15	┬3071164.4000	541337.1300	960183.9100	1647412.8000	┬4580230.0000	┬11221895.0000	┬3730543.2000	┬3186588.7000
4	15:56:57	┬3107449.3000	546319.5300	973504.6000	1630047.9000	┬4586061.2000	┬11259234.0000	┬3756728.3000	┬3191617.3000
5	15:57:40	3036335.0000	551483.5800	979396.1900	1641664.1000	┬4589929.9000	┬11282142.0000	┬3739909.1000	┬3181475.8000
X		┬3068225.7000	543334.3700	967767.3300	1642046.4000	┬4586781.3000	┬11279957.0000	┬3748285.0000	┬3196932.5000
%RSD		┬0.839	1.021	0.863	0.536	┬0.446	┬0.448	┬0.574	┬0.487

Run	Time	208Pb	209Bi	220Bkg
1	15:54:51	┬7911731.2000	1171131.3000	0.0000
2	15:55:33	┬7904199.3000	1177919.3000	0.0000
3	15:56:15	┬7818818.9000	1167619.6000	2.5000
4	15:56:57	┬7877056.1000	1167158.8000	2.5000
5	15:57:40	┬7834365.8000	1163062.2000	0.0000
X		┬7869234.3000	1169378.2000	1.0000
%RSD		┬0.526	0.476	136.931

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	15:59:11	T 495402.7900	790.0375	78596.4040	26155.9840	3530.7478	4176.0461	61632.0710	92768.5010
2	15:59:53	T 504979.9800	555.8519	70706.1950	19898.7290	2570.3964	3240.6300	47482.3900	87840.5300
3	16:00:35	T 511714.8500	351.6741	61763.0350	12930.0230	1620.1575	1885.2132	32049.0100	82529.1500
4	16:01:18	T 504083.9300	195.0023	51704.9080	6442.4894	825.0408	950.0542	16453.7270	77264.0310
5	16:02:00	T 505331.6600	95.0005	46559.7060	3100.5767	440.0116	505.0153	10108.6270	73492.6470
X		T 504302.6400	397.5133	61866.0500	13705.5600	1797.2708	2151.3918	33545.1650	82778.9720
%RSD		T 1.155	70.457	21.316	69.141	70.497	71.672	63.706	9.399

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	15:59:11	1057.5671	644568.7000	32.5001	4981.4885	4786.3742	4968.9810	5234.1433	147404.7600
2	15:59:53	887.5473	661594.7500	17.5000	3918.4210	3853.3907	4176.0461	3920.9222	140952.0500
3	16:00:35	657.5259	667381.2100	25.0000	2490.3721	2765.4588	3735.8372	2582.9002	131082.9200
4	16:01:18	465.0130	668983.6100	37.5001	1462.6283	1797.6939	2770.4605	1190.0850	120023.1500
5	16:02:00	317.5061	682463.6000	42.5001	872.5457	1335.1069	2655.4230	650.0254	114093.2300
X		677.0319	664998.3800	31.0001	2745.0911	2907.6049	3661.3496	2715.6152	130711.2200
%RSD		44.539	2.067	32.056	62.020	49.090	26.571	69.886	10.643

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	15:59:11	1652.6639	4786.3742	1085.0706	3715.8283	1810.1966	1255.0945	610.8557	734.1990
2	15:59:53	1535.1414	3798.3655	832.5416	3288.1486	1300.1014	930.0519	450.0122	708.3634
3	16:00:35	1160.0807	2357.8335	537.5173	2225.2971	990.0588	827.5411	290.8384	722.5313
4	16:01:18	915.0502	1045.0655	215.0028	1547.6437	605.0220	597.5214	136.6678	764.2017
5	16:02:00	800.0384	582.5204	120.0009	1205.0871	477.5137	455.0124	67.5003	741.6997
X		1212.5949	2514.0318	558.0266	2396.4009	1036.5785	813.0443	311.1749	734.1990
%RSD		30.834	70.949	72.963	45.257	52.150	38.106	71.738	2.857

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:59:11	46.6668	37.5001	964010.1500	10.0000	0.0000	2.5000	2.5000	2.5000
2	15:59:53	42.5001	45.8335	975776.1700	20.0000	5.0000	2.5000	2.5000	10.0000
3	16:00:35	50.8335	49.1668	987916.9600	22.5000	5.0000	7.5000	10.0000	12.5000
4	16:01:18	50.8335	45.8335	982529.8900	22.5000	15.0000	7.5000	0.0000	5.0000
5	16:02:00	68.3336	42.5001	1009194.5000	7.5000	20.0000	10.0000	2.5000	7.5000
X		51.8335	44.1668	983885.5200	16.5000	9.0000	6.0000	3.5000	7.5000
%RSD		19.002	9.984	1.700	43.651	91.287	55.902	108.327	52.705

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	15:59:11	1108251.0000	407.5100	47.5001	378.7586	638.7745	1612.6560	1030156.9000	12.5000
2	15:59:53	1126636.4000	376.2585	40.0001	325.0063	525.0165	1262.5956	1042194.8000	15.0000
3	16:00:35	1152518.1000	233.7533	25.0000	235.0033	285.0049	755.0342	1069736.6000	15.0000
4	16:01:18	1146867.4000	197.5023	17.5000	151.2514	138.7512	400.0096	1065838.8000	15.0000
5	16:02:00	1145702.3000	123.7509	17.5000	105.0007	87.5005	217.5028	1084462.6000	2.5000
X		1135995.0000	267.7550	29.5001	239.0041	335.0095	849.5597	1058478.0000	12.0000
%RSD		1.613	45.024	46.185	47.980	71.679	68.722	2.072	45.166

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	15:59:11	1932.7241	335.0067	710.0303	1784150.7000	3155.5974	7286.9346	2497.8743	2172.7832
2	15:59:53	1492.6337	275.0045	520.0162	1805414.1000	2306.5692	5496.8123	2002.7406	1622.6580
3	16:00:35	915.0502	162.5016	325.0063	1824522.9000	1565.1470	3767.1013	1202.5868	1107.5736
4	16:01:18	460.0127	117.5008	157.5015	1849723.5000	913.8001	2157.7793	672.5271	432.5112
5	16:02:00	297.5053	47.5001	100.0006	1860823.3000	566.2692	1323.8551	337.5068	347.5073
X		1019.5852	187.5028	362.5110	1824926.9000	1701.4766	4006.4965	1342.6471	1136.6067
%RSD		67.651	62.276	70.048	1.721	61.699	60.696	67.127	68.563

Run	Time	208Pb	209Bi	220Bkg
1	15:59:11	5444.2778	1309462.1000	0.0000
2	15:59:53	4278.5981	1330611.2000	0.0000
3	16:00:35	2592.9033	1339684.7000	0.0000
4	16:01:18	1352.6098	1361699.1000	2.5000
5	16:02:00	727.5318	1379463.8000	0.0000
X		2879.1842	1344184.2000	0.5000
%RSD		68.546	2.024	223.607

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	16:03:31	366348.6500	37.5001	TM 300568340.0000	T 43978014.0000	T 6112758.5000	T 7079514.6000	6077.2151	T 5801988.3000
2	16:04:13	349551.4100	37.5001	TM 295045820.0000	T 42785398.0000	T 5941221.2000	T 6962447.7000	5684.4381	T 5753116.7000
3	16:04:55	351254.1400	32.5001	TM 293566370.0000	T 42508827.0000	T 5897639.8000	T 6936710.3000	5439.2746	T 5623098.8000
4	16:05:37	361258.5000	27.5000	TM 298750630.0000	T 42934348.0000	T 5922804.1000	T 6955753.2000	4973.9840	T 5603510.5000
5	16:06:19	361559.4700	31.6667	TM 298207530.0000	T 43646870.0000	T 5946970.1000	T 7025854.6000	5126.5764	T 5632109.0000
x		357994.4300	33.3334	TM 297227740.0000	T 43170691.0000	T 5964278.7000	T 6992056.1000	5460.2976	T 5682764.7000
%RSD		2.023	12.748	TM 0.961	T 1.428	T 1.429	T 0.848	8.083	T 1.563

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	16:03:31	TM 6657946.4000	580454.0000	470.0133	106384.7600	300074.6300	6785.2613	4201.0587	123805.3900
2	16:04:13	TM 6670117.6000	572570.6700	417.5105	105177.0700	289313.9600	6782.7592	3840.8849	119201.4900
3	16:04:55	TM 6511112.4000	573247.4000	420.0106	107007.6600	293268.6600	6647.6504	4063.4905	117167.9500
4	16:05:37	TM 6551852.0000	563334.4600	455.0124	109061.5300	296694.2700	6885.3433	4108.5125	116782.6000
5	16:06:19	TM 6551170.4000	558713.3800	422.5107	109932.8600	295150.8900	6767.7470	3838.3838	116397.2600
x		TM 6588439.8000	569663.9800	437.0115	107512.7700	294900.4800	6773.7522	4010.4661	118670.9400
%RSD		TM 1.079	1.514	5.478	1.815	1.356	1.248	4.080	2.585

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	16:03:31	78081.5980	2100.2646	2082.7602	2397.8449	1322.6049	1087.5710	2703.7719	1846.0378
2	16:04:13	70358.2690	1915.2201	2182.7858	2362.8349	1217.5889	1025.0630	2789.6335	1851.8724
3	16:04:55	68893.6070	1877.7115	1925.2224	2125.2710	1207.5875	935.0525	2700.4375	1786.8582
4	16:05:37	68588.6070	1922.7218	2017.7442	2130.2722	1100.0726	960.0553	2714.6087	1738.5147
5	16:06:19	73232.8760	2045.2510	2080.2596	2145.2761	1217.5889	1037.5646	2794.6352	1764.3534
x		71830.9910	1972.2338	2057.7545	2232.2998	1213.0886	1009.0613	2740.6174	1797.5273
%RSD		5.496	4.834	4.606	6.088	6.496	6.091	1.728	2.782

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:03:31	739.1995	45.8335	867939.3200	322.5062	585.0205	680.0278	410.0101	955.0547
2	16:04:13	688.3618	42.5001	853636.4700	305.0056	662.5263	687.5284	480.0138	1002.5603
3	16:04:55	721.6979	39.1668	844449.9600	385.0089	672.5271	722.5313	462.5128	1035.0643
4	16:05:37	704.1964	38.3334	837953.1500	432.5112	535.0172	680.0278	335.0067	1045.0655
5	16:06:19	722.5313	47.5001	851037.2100	355.0076	612.5225	712.5305	342.5070	1025.0630
x		715.1974	42.6668	851003.2200	360.0079	613.5227	696.5291	406.0101	1012.5616
%RSD		2.720	9.408	1.323	14.122	9.242	2.833	16.411	3.535

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	16:03:31	930505.9300	56.2502	10.0000	42.5001	36.2501	55.0002	921464.1600	60.0002
2	16:04:13	930419.5400	52.5002	5.0000	28.7500	25.0000	37.5001	905078.4200	75.0003
3	16:04:55	923020.6000	38.7501	12.5000	23.7500	15.0000	47.5001	903777.9900	77.5004
4	16:05:37	910042.9300	33.7501	2.5000	20.0000	22.5000	40.0001	898572.6500	47.5001
5	16:06:19	925273.6100	31.2501	10.0000	18.7500	16.2500	40.0001	903458.4700	50.0001
x		923852.5200	42.5001	8.0000	26.7500	23.0000	44.0001	906470.3400	62.0002
%RSD		0.907	26.471	51.349	35.984	36.981	16.369	0.964	22.342

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	16:03:31	120.0009	5124.0749	8624.4606	1681905.3000	1703.9242	4099.7582	130.0010	142.5012
2	16:04:13	107.5007	4858.9161	8814.6594	1679448.3000	781.2866	1796.4436	115.0008	90.0005
3	16:04:55	70.0003	4826.3972	8829.6753	1675420.3000	442.5118	1126.3261	97.5006	140.0012
4	16:05:37	110.0007	4921.4528	8849.6965	1669511.8000	318.7561	797.5382	117.5008	77.5004
5	16:06:19	82.5004	5029.0170	8629.4657	1686096.8000	225.0030	587.5207	97.5006	92.5005
x		98.0006	4951.9716	8749.5915	1678476.5000	694.2963	1681.5174	111.5008	108.5008
%RSD		21.298	2.492	1.287	0.377	86.765	84.876	12.544	28.060

Run	Time	208Pb	209Bi	220Bkg
1	16:03:31	330.0065	1143670.8000	0.0000
2	16:04:13	307.5057	1136827.4000	0.0000
3	16:04:55	232.5032	1134929.2000	0.0000
4	16:05:37	190.0022	1130622.2000	0.0000
5	16:06:19	175.0018	1139278.2000	5.0000
x		247.0039	1137065.6000	1.0000
%RSD		28.044	0.428	223.607

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	16:07:48	364197.3600	22.5000	TM 305416990.0000	T 43920176.0000	T 6029657.7000	T 7132654.4000	6802.7755	T 5809520.9000
2	16:08:30	364275.6800	22.5000	TM 311361330.0000	T 44800557.0000	T 6158439.8000	T 7301959.2000	6672.6704	T 5955306.7000
3	16:09:12	365986.5800	29.1667	TM 314963460.0000	T 45411165.0000	T 6183500.8000	T 7225163.3000	6775.2531	T 5924095.2000
4	16:09:54	363330.7400	24.1667	TM 314944580.0000	T 45402585.0000	T 6284743.3000	T 7235534.5000	6590.1047	T 5943953.8000
5	16:10:36	370997.7000	21.6667	TM 319432240.0000	T 46372431.0000	T 6308392.9000	T 7300675.8000	6682.6784	T 5973957.9000
X		365757.6100	24.0000	TM 313223720.0000	T 45181383.0000	T 6192946.9000	T 7239197.4000	6704.6964	T 5921366.9000
%RSD		0.843	12.615	TM 1.666	T 1.997	T 1.800	T 0.959	1.275	T 1.099

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	16:07:48	TM 6691246.9000	572019.6900	377.5086	80355.5620	31082.8610	2667.9270	317.5061	116321.2100
2	16:08:30	TM 6770876.1000	575780.9300	437.5115	82405.4350	30841.9680	2918.0108	290.0051	116447.9600
3	16:09:12	TM 6830155.0000	568801.4700	395.0094	83261.3800	31592.2710	2867.9934	210.0027	118843.9300
4	16:09:54	TM 6869940.3000	576740.2300	462.5128	83849.7350	31411.5900	2840.4840	317.5061	118717.1400
5	16:10:36	TM 6925733.4000	589266.3900	532.5170	86703.7180	31750.3700	3008.0428	300.0054	120439.0900
X		TM 6817590.3000	576521.7400	441.0119	83315.1660	31335.8120	2860.4916	287.0050	118153.8700
%RSD		TM 1.327	1.352	13.884	2.773	1.185	4.374	15.551	1.483

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	16:07:48	73512.8240	1847.7048	2067.7565	15754.8790	7706.0614	7580.9467	2752.9547	1808.5296
2	16:08:30	76138.7450	2060.2546	2260.3065	16170.6740	7926.2678	7646.0061	2890.5012	1847.7048
3	16:09:12	79772.5000	2020.2449	2212.7937	16371.0650	7821.1685	8006.3442	2958.0249	1842.7037
4	16:09:54	75200.2810	1995.2388	2160.2800	16904.6290	8143.9775	7666.0245	3041.3882	1846.0378
5	16:10:36	80249.5480	2127.7716	2092.7627	17095.0160	7736.0892	8111.4458	2955.5240	1821.8658
X		76974.7800	2010.2430	2158.7799	16459.2530	7866.7129	7802.1535	2919.6786	1833.3683
%RSD		3.809	5.161	3.725	3.314	2.250	3.068	3.682	0.946

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:07:48	722.5313	35.8334	839721.0200	400.0096	657.5259	662.5263	367.5081	982.5579
2	16:08:30	761.7015	45.8335	853103.3000	402.5097	585.0205	727.5318	427.5110	992.5591
3	16:09:12	752.5340	44.1668	850940.5400	402.5097	652.5256	635.0242	452.5123	1097.5723
4	16:09:54	830.8748	31.6667	862503.5400	345.0071	627.5236	662.5263	385.0089	1002.5603
5	16:10:36	790.0375	43.3334	862384.6200	390.0091	600.0216	652.5256	395.0094	1012.5615
X		771.5358	40.1668	853730.6000	388.0091	624.5235	668.0268	405.5099	1017.5622
%RSD		5.314	15.203	1.106	6.336	5.091	5.256	8.424	4.531

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	16:07:48	916050.7900	32.5001	10.0000	23.7500	16.2500	25.0000	889904.8600	105.0007
2	16:08:30	910340.4400	36.2501	5.0000	25.0000	11.2500	40.0001	899863.9800	122.5009
3	16:09:12	934015.3900	41.2501	10.0000	11.2500	10.0000	25.0000	904144.7600	130.0010
4	16:09:54	929062.4100	23.7500	22.5000	5.0000	13.7500	22.5000	904053.0600	127.5010
5	16:10:36	923881.0700	47.5001	20.0000	15.0000	13.7500	40.0001	911983.9100	100.0006
X		922670.0200	36.2501	13.5000	16.0000	13.0000	30.5001	901990.1100	117.0008
%RSD		1.038	24.746	54.935	52.814	18.744	28.630	0.893	11.645

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	16:07:48	80.0004	4801.3828	8068.9045	1656884.2000	176.2519	442.5118	662.5263	602.5218
2	16:08:30	70.0003	5046.5276	8661.9995	1651057.0000	140.0012	362.5079	615.0227	540.0175
3	16:09:12	92.5005	4761.3598	8616.9528	1657830.0000	120.0009	363.7579	695.0290	570.0195
4	16:09:54	57.5002	5001.5005	8479.3117	1666637.6000	120.0009	293.7552	740.0329	592.5211
5	16:10:36	97.5006	4836.4030	8641.9787	1678990.9000	117.5008	257.5040	670.0269	620.0231
X		79.5004	4889.4347	8493.8295	1662280.0000	134.7511	344.0074	676.5276	585.0206
%RSD		20.549	2.591	2.921	0.654	18.488	20.782	6.772	5.295

Run	Time	208Pb	209Bi	220Bkg
1	16:07:48	1412.6197	1104366.2000	0.0000
2	16:08:30	1500.1350	1110708.2000	0.0000
3	16:09:12	1437.6240	1107265.8000	0.0000
4	16:09:54	1470.1297	1110655.5000	0.0000
5	16:10:36	1440.1244	1118705.7000	0.0000
X		1452.1266	1110340.3000	0.0000
%RSD		2.321	0.484	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	16:12:05	366383.4600	24.1667	TM 328747540.0000	T 46760975.0000	T 6364573.7000	T 7445214.4000	4101.0088	T 6130249.7000
2	16:12:47	358478.0400	23.3334	TM 338441260.0000	T 47401797.0000	T 6382405.6000	T 7580873.3000	4088.5027	T 6229740.9000
3	16:13:29	353071.0600	21.6667	TM 332826850.0000	T 46728271.0000	T 6455006.8000	T 7499394.7000	3993.4566	T 6077882.2000
4	16:14:11	361001.9000	24.1667	TM 328811230.0000	T 46609871.0000	T 6387603.7000	T 7481323.1000	3800.8666	T 5966010.9000
5	16:14:53	367147.6900	21.6667	TM 322446970.0000	T 45545749.0000	T 6214551.7000	T 7380766.9000	4108.5125	T 5989473.6000
x		361216.4300	23.0000	TM 330254770.0000	T 46609333.0000	T 6360828.3000	T 7477514.5000	4018.4695	T 6078671.5000
%RSD		1.613	5.495	TM 1.785	T 1.438	T 1.394	T 0.982	3.240	T 1.767

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	16:12:05	TM 6865169.2000	577470.8100	477.5137	26023.0690	3975.9483	2650.4214	735.0324	122521.6200
2	16:12:47	TM 7042888.9000	575390.2900	477.5137	26968.5680	4183.5499	2635.4167	680.0278	124622.4300
3	16:13:29	TM 6830700.2000	576714.8100	445.0119	27081.4330	3903.4140	2765.4588	752.5340	121824.0000
4	16:14:11	TM 6961351.3000	584656.8400	470.0133	27169.2180	3953.4376	2645.4198	680.0278	121900.1000
5	16:14:53	TM 6735628.2000	575007.6800	385.0089	26577.3140	3915.9198	2427.8536	665.0265	121192.3900
x		TM 6887147.6000	577848.0900	451.0123	26763.9200	3986.4539	2624.9141	702.5297	122412.1100
%RSD		TM 1.724	0.681	8.700	1.763	2.858	4.657	5.502	1.080

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	16:12:05	77839.3480	2650.4214	3015.5455	15058.5930	7470.8473	44606.5660	2847.1530	1904.3842
2	16:12:47	79992.0900	2765.4588	2895.5029	15494.3910	7668.5268	46383.7290	2926.3471	1876.0445
3	16:13:29	74393.0840	2705.4391	2895.5029	14950.9000	7358.2472	44636.7270	2913.8427	1817.6982
4	16:14:11	72095.5230	2510.3781	2767.9596	14895.8010	7120.5408	44729.7240	2913.0090	1841.0367
5	16:14:53	75977.2810	2587.9018	2797.9696	14712.9770	7453.3316	44521.1110	2970.5293	1824.3663
x		76059.4650	2643.9198	2874.4961	15022.5320	7414.2987	44975.5710	2914.1762	1852.7060
%RSD		4.006	3.762	3.390	1.943	2.687	1.758	1.517	1.980

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:12:05	802.5386	41.6668	854164.1600	387.5090	635.0242	742.5331	377.5086	1122.5756
2	16:12:47	792.5377	45.8335	856855.5500	392.5092	750.0338	740.0329	425.0108	1045.0655
3	16:13:29	751.7006	47.5001	853896.1700	357.5077	620.0231	715.0307	357.5077	1072.5690
4	16:14:11	725.0315	48.3335	861615.8700	375.0084	687.5284	720.0311	400.0096	995.0594
5	16:14:53	780.0365	42.5001	870419.0500	397.5095	667.5267	662.5263	447.5120	1055.0668
x		770.3690	45.1668	859390.1600	382.0088	672.0272	716.0308	401.5097	1058.0673
%RSD		4.117	6.575	0.803	4.201	7.595	4.503	8.965	4.362

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	16:12:05	928240.4400	46.2501	5.0000	12.5000	26.2500	25.0000	913168.7300	132.5011
2	16:12:47	928382.5400	28.7500	2.5000	27.5000	15.0000	45.0001	897792.4000	142.5012
3	16:13:29	923290.7100	36.2501	12.5000	13.7500	15.0000	42.5001	910843.7400	170.0017
4	16:14:11	944560.5600	21.2500	20.0000	31.2501	17.5000	25.0000	923438.2900	132.5011
5	16:14:53	945629.7300	27.5000	17.5000	13.7500	13.7500	42.5001	927722.2200	157.5015
x		934020.7900	32.0001	11.5000	19.7500	17.5000	36.0001	914593.0700	147.0013
%RSD		1.105	29.954	66.295	45.066	29.014	28.037	1.281	11.178

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	16:12:05	80.0004	5159.0965	9165.0371	1651824.1000	130.0010	251.2538	6077.2151	5314.1939
2	16:12:47	80.0004	5359.2227	9232.6116	1653150.0000	95.0005	222.5030	6377.4394	5594.3772
3	16:13:29	85.0004	5576.8655	9287.6728	1674699.7000	87.5005	232.5032	6067.2079	5486.8057
4	16:14:11	100.0006	5329.2035	9172.5454	1701561.0000	82.5004	198.7524	6367.4317	5449.2811
5	16:14:53	82.5004	5154.0934	9235.1144	1715928.9000	101.2506	198.7524	6259.8503	5471.7958
x		85.5004	5315.6963	9218.5963	1679432.7000	99.2506	220.7530	6229.8289	5463.2907
%RSD		9.786	3.271	0.549	1.710	18.757	10.229	2.426	1.836

Run	Time	208Pb	209Bi	220Bkg
1	16:12:05	12857.4110	1117632.5000	0.0000
2	16:12:47	13308.1180	1108263.8000	0.0000
3	16:13:29	13385.7420	1126334.3000	0.0000
4	16:14:11	13283.0780	1145719.4000	0.0000
5	16:14:53	13065.2340	1155407.8000	0.0000
x		13179.9170	1130671.6000	0.0000
%RSD		1.639	1.729	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	16:16:22	386836.5500	21.6667	TM 352624720.0000	T 50055928.0000	T 6744344.8000	T 7945601.9000	4836.4030	T 6409711.6000
2	16:17:04	382665.4400	25.0000	TM 355669410.0000	T 49936788.0000	T 6862799.5000	T 8039082.0000	4681.3145	T 6518753.7000
3	16:17:46	397071.4800	19.1667	TM 356162030.0000	T 49900113.0000	T 6819837.7000	T 7954932.5000	4663.8047	T 6553983.8000
4	16:18:28	393496.9400	16.6667	TM 356366410.0000	T 50005291.0000	T 6836912.2000	T 8101864.6000	4796.3799	T 6584690.7000
5	16:19:10	398501.5400	14.1667	TM 360642500.0000	T 51125837.0000	T 7006452.9000	T 8115669.8000	4863.9190	T 6748190.7000
X		391714.3900	19.3334	TM 356293010.0000	T 50204791.0000	T 6854069.4000	T 8031430.1000	4768.3642	T 6563066.1000
%RSD		1.730	21.851	TM 0.804	T 1.033	T 1.399	T 0.991	1.906	T 1.871

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	16:16:22	TM 7212780.1000	618482.5200	477.5137	21978.9460	2335.3272	2472.8668	512.5158	126604.4700
2	16:17:04	TM 7400236.8000	634085.9900	520.0162	22021.5590	2485.3706	2615.4104	465.0130	134887.9200
3	16:17:46	TM 7399886.3000	640666.8600	497.5149	21770.9010	2520.3811	2405.3471	417.5105	136869.8500
4	16:18:28	TM 7319711.9000	623309.2500	475.0135	21267.1030	2515.3796	2557.8925	517.5161	133940.3200
5	16:19:10	TM 7446701.8000	635167.6400	500.0150	22585.5650	2647.9206	2802.9713	445.0119	136198.9900
X		TM 7355863.4000	630342.4500	494.0147	21924.8150	2500.8758	2570.8976	471.5134	133700.3100
%RSD		TM 1.252	1.450	3.729	2.170	4.464	5.932	9.158	3.086

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	16:16:22	76582.7860	1485.1323	2430.3543	22277.2370	10879.5970	20678.1230	1015.0618	712.5305
2	16:17:04	83036.6540	1687.6709	2427.8536	23485.5480	11650.6390	20998.9240	1040.8983	720.8645
3	16:17:46	84077.0080	1855.2065	2410.3485	23412.8440	11502.9340	20795.9160	1091.7382	676.6941
4	16:18:28	83145.2290	1640.1614	2685.4326	23979.4510	10704.3710	20943.7850	975.0570	723.3647
5	16:19:10	86471.3220	1577.6493	2532.8849	23824.0060	11502.9340	20550.3080	1049.2327	719.1977
X		82662.6000	1649.1641	2497.3748	23395.8170	11248.0950	20793.4110	1034.3976	710.5303
%RSD		4.438	8.360	4.632	2.854	3.781	0.891	4.171	2.721

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:16:22	55.8335	56.6669	911057.8600	25.0000	0.0000	12.5000	2.5000	15.0000
2	16:17:04	42.5001	47.5001	908394.2700	10.0000	2.5000	12.5000	2.5000	12.5000
3	16:17:46	50.0001	43.3334	926554.9300	22.5000	5.0000	17.5000	7.5000	7.5000
4	16:18:28	45.8335	38.3334	920890.6600	22.5000	2.5000	12.5000	0.0000	2.5000
5	16:19:10	50.8335	45.0001	924304.3800	27.5000	5.0000	10.0000	7.5000	2.5000
X		49.0001	46.1668	918240.4200	21.5000	3.0000	13.0000	4.0000	8.0000
%RSD		10.373	14.642	0.880	31.417	69.722	21.066	83.853	71.261

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	16:16:22	998170.1500	32.5001	5.0000	21.2500	17.5000	72.5003	964365.4400	347.5073
2	16:17:04	1003670.7000	26.2500	5.0000	15.0000	17.5000	50.0001	975232.7300	325.0063
3	16:17:46	999096.9800	45.0001	17.5000	22.5000	18.7500	50.0001	983056.9500	365.0080
4	16:18:28	1007445.6000	36.2501	0.0000	11.2500	16.2500	40.0001	988121.7300	335.0067
5	16:19:10	998813.3000	31.2501	2.5000	16.2500	12.5000	70.0003	979012.2600	305.0056
X		1001439.4000	34.2501	6.0000	17.2500	16.5000	56.5002	977957.8300	335.5068
%RSD		0.400	20.418	112.577	26.821	14.572	24.952	0.918	6.756

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	16:16:22	105.0007	5526.8321	9915.8960	1743524.2000	86.2504	241.2535	2890.5012	2357.8335
2	16:17:04	107.5007	5766.9948	10161.1910	1752322.8000	78.7504	200.0024	2745.4522	2370.3371
3	16:17:46	97.5006	5616.8923	9985.9796	1761212.3000	83.7504	197.5023	2612.9096	2517.8803
4	16:18:28	102.5006	5709.4552	10233.7800	1761710.5000	78.7504	221.2529	2765.4588	2305.3188
5	16:19:10	95.0005	5644.4109	9723.1691	1741474.6000	78.7504	190.0022	2682.9318	2392.8435
X		101.5006	5652.9171	10004.0030	1752048.9000	81.2504	210.0027	2739.4507	2388.8426
%RSD		5.108	1.618	2.027	0.543	4.351	9.987	3.773	3.306

Run	Time	208Pb	209Bi	220Bkg
1	16:16:22	5927.1071	1173083.1000	0.0000
2	16:17:04	5779.5035	1190269.7000	0.0000
3	16:17:46	5789.5104	1179332.3000	0.0000
4	16:18:28	5782.0052	1180509.0000	0.0000
5	16:19:10	5887.0787	1175850.4000	0.0000
X		5833.0410	1179808.9000	0.0000
%RSD		1.186	0.554	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	16:20:39	375584.8100	25.0000	TM 333915360.0000	T 47393789.0000	T 6514423.5000	T 7629989.4000	4038.4783	T 5989041.1000
2	16:21:21	372938.1600	23.3334	TM 333625860.0000	T 46812117.0000	T 6337653.7000	T 7433247.6000	3973.4471	T 6117761.5000
3	16:22:03	372562.7500	30.8334	TM 337836070.0000	T 46550755.0000	T 6433629.2000	T 7498284.8000	3795.8643	T 6133799.8000
4	16:22:45	366161.5200	22.5000	TM 332403140.0000	T 46796876.0000	T 6455695.3000	T 7581983.3000	3808.3700	T 6135241.4000
5	16:23:27	372978.2300	15.0000	TM 335939150.0000	T 46814203.0000	T 6492150.9000	T 7598494.1000	3990.9554	T 6156271.3000
X		372045.0900	23.3334	TM 334743920.0000	T 46873548.0000	T 6446710.5000	T 7548399.8000	3921.4230	T 6106423.0000
%RSD		0.942	24.354	TM 0.641	T 0.664	T 1.063	T 1.069	2.845	T 1.098

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	16:20:39	TM 6892218.6000	592809.9500	457.5126	23117.0190	3740.8394	2467.8654	982.5579	126815.1400
2	16:21:21	TM 6959170.2000	592480.1900	465.0130	24994.9290	3885.9058	2392.8435	1122.5756	122546.9900
3	16:22:03	TM 6969043.5000	591531.2000	462.5128	25965.3890	3688.3160	2317.8223	942.5533	119726.4300
4	16:22:45	TM 7006978.9000	592393.0600	435.0114	25749.7220	3860.8942	2557.8925	1062.5677	121012.3100
5	16:23:27	TM 6965908.2000	588883.1700	455.0124	26757.8900	4053.4856	2522.8818	995.0594	120538.0100
X		TM 6958663.9000	591619.5200	455.0124	25316.9900	3845.8882	2451.8611	1021.0628	122127.7700
%RSD		TM 0.597	0.271	2.606	5.454	3.695	3.975	6.986	2.305

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	16:20:39	79797.7400	2715.4423	2968.0285	41302.0990	20071.6430	48224.1310	2970.5293	1872.7104
2	16:21:21	75896.5500	2715.4423	2993.0374	40676.5330	19836.0800	48442.8950	2901.3383	1829.3674
3	16:22:03	81198.6760	2657.9238	2955.5240	41498.0690	19292.3060	47733.8210	2952.1895	1833.5350
4	16:22:45	82741.2380	2847.9866	2835.4823	40689.0940	19775.9370	49028.8060	2945.5205	1848.5383
5	16:23:27	81143.1390	2685.4326	2847.9866	41859.8720	20003.9810	48068.2350	2968.8621	1822.6993
X		80155.4680	2724.4455	2920.0118	41205.1330	19795.9890	48299.5780	2947.6879	1841.3701
%RSD		3.242	2.683	2.495	1.255	1.547	0.999	0.951	1.082

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:20:39	696.6958	53.3335	872536.7900	412.5102	670.0269	645.0250	447.5120	1010.0612
2	16:21:21	773.3692	42.5001	869425.4200	380.0087	620.0231	632.5240	407.5100	1082.5703
3	16:22:03	757.5344	51.6668	874095.6500	445.0119	635.0242	657.5259	357.5077	1067.5684
4	16:22:45	736.6992	35.8334	872844.1100	415.0103	732.5322	745.0333	407.5100	1117.5749
5	16:23:27	772.5358	37.5001	871019.7200	370.0082	672.5271	705.0298	452.5123	1067.5684
X		747.3669	44.1668	871984.3400	404.5099	666.0267	677.0276	414.5104	1069.0686
%RSD		4.281	18.147	0.207	7.422	6.527	6.926	9.250	3.629

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	16:20:39	943893.4400	32.5001	7.5000	10.0000	13.7500	50.0001	923828.1600	100.0006
2	16:21:21	931905.0900	35.0001	5.0000	11.2500	16.2500	57.5002	915424.7800	95.0005
3	16:22:03	949262.5300	27.5000	12.5000	11.2500	8.7500	42.5001	922213.1100	97.5006
4	16:22:45	943385.4600	31.2501	10.0000	10.0000	25.0000	30.0001	920283.7900	77.5004
5	16:23:27	939211.0800	30.0001	10.0000	10.0000	17.5000	55.0002	913366.2100	87.5005
X		941531.5200	31.2501	9.0000	10.5000	16.2500	47.0001	919023.2100	91.5005
%RSD		0.686	8.944	31.672	6.521	36.488	23.609	0.486	9.964

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	16:20:39	85.0004	5166.6011	9327.7175	1686121.1000	68.7503	165.0016	10178.7130	8717.0568
2	16:21:21	102.5006	5094.0565	9022.3816	1670616.3000	70.0003	145.0013	10068.5790	8882.2311
3	16:22:03	82.5004	4988.9930	9127.4959	1679948.1000	48.7501	173.7518	10178.7130	8969.8249
4	16:22:45	80.0004	5146.5888	8964.8195	1677361.4000	75.0003	161.2516	10048.5550	9014.8734
5	16:23:27	72.5003	5289.1780	9220.0978	1675044.9000	72.5003	130.0010	10051.0580	8999.8572
X		84.5004	5137.0835	9132.5024	1677818.4000	67.0003	155.0015	10105.1230	8916.7687
%RSD		13.132	2.130	1.606	0.344	15.643	11.247	0.669	1.378

Run	Time	208Pb	209Bi	220Bkg
1	16:20:39	21510.2260	1129939.4000	0.0000
2	16:21:21	21725.7840	1130076.3000	0.0000
3	16:22:03	21312.2180	1124740.3000	0.0000
4	16:22:45	21798.4730	1124573.6000	0.0000
5	16:23:27	21813.5120	1119398.9000	0.0000
X		21632.0430	1125745.7000	0.0000
%RSD		0.998	0.395	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	16:24:56	392409.0700	27.5000	TM 360570210.0000	T 50717947.0000	T 6833779.6000	T 8037104.9000	8133.9677	T 6537188.7000
2	16:25:38	405387.0100	22.5000	TM 359413170.0000	T 50361905.0000	T 6940254.6000	T 8172590.3000	8639.4761	T 6636535.7000
3	16:26:20	397071.4800	23.3334	TM 359257970.0000	T 50480911.0000	T 6882593.6000	T 8197356.5000	8214.0462	T 6662647.4000
4	16:27:02	387588.6500	30.0001	TM 414143960.0000	T 57418884.0000	T 7830713.1000	T 9082521.3000	8957.3114	T 7547886.4000
5	16:27:44	388042.3800	16.6667	TM 389502390.0000	T 54513047.0000	T 7438686.9000	T 8732465.1000	8724.5647	T 7150930.9000
X		394099.7200	24.0000	TM 376577540.0000	T 52698539.0000	T 7185205.6000	T 8444407.6000	8533.8732	T 6907037.8000
%RSD		1.874	21.320	TM 6.544	T 5.991	T 6.051	T 5.266	4.097	T 6.227

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	16:24:56	TM 7391317.8000	622012.5300	512.5158	21938.8410	2652.9222	3075.5674	992.5591	138127.8500
2	16:25:38	TM 7507752.8000	637829.9000	527.5167	21074.1130	2852.9883	3018.0464	995.0594	142078.4400
3	16:26:20	TM 7631276.4000	646231.6300	472.5134	21171.8610	2802.9713	3150.5955	1020.0624	140491.8800
4	16:27:02	TM 8370879.4000	600325.4000	637.5244	22618.1530	3028.0500	3198.1136	1112.5743	154903.9600
5	16:27:44	TM 8070687.7000	620324.6700	572.5197	22337.3970	2740.4505	2935.5169	1092.5716	146524.4400
X		TM 7794382.8000	625344.8300	544.5180	21828.0730	2815.4765	3075.5680	1042.5654	144425.3100
%RSD		TM 5.290	2.832	11.590	3.153	4.985	3.393	5.397	4.578

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	16:24:56	86254.0880	1962.7311	3250.6339	35041.0180	16676.6700	116450.5000	994.2260	704.1964
2	16:25:38	84678.0480	2015.2436	3288.1486	36155.7650	17160.1500	118369.7600	1040.0649	666.6933
3	16:26:20	86986.6430	2005.2412	3188.1097	35864.5100	16741.8000	117672.4800	950.0542	695.0290
4	16:27:02	104197.3800	2020.2449	3610.7821	39440.6130	19064.2820	128543.8200	1056.7337	681.6946
5	16:27:44	96455.0020	2050.2522	3438.2091	38574.0710	17856.6110	124642.7300	1074.2359	720.8645
X		91714.2320	2010.7426	3355.1767	37015.1950	17499.9030	121135.8600	1023.0629	693.6956
%RSD		9.122	1.574	5.066	5.103	5.673	4.305	4.937	2.992

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:24:56	66.6669	43.3334	909764.8900	32.5001	7.5000	25.0000	2.5000	20.0000
2	16:25:38	65.0003	54.1668	932253.5200	30.0001	7.5000	5.0000	5.0000	22.5000
3	16:26:20	57.5002	44.1668	930316.4200	22.5000	7.5000	10.0000	0.0000	2.5000
4	16:27:02	45.8335	58.3335	875125.8200	27.5000	12.5000	22.5000	2.5000	2.5000
5	16:27:44	62.5002	40.0001	895352.1100	25.0000	5.0000	17.5000	10.0000	10.0000
X		59.5002	48.0001	908562.5500	27.5000	8.0000	16.0000	4.0000	11.5000
%RSD		14.096	16.314	2.656	14.374	34.233	52.524	94.786	82.207

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	16:24:56	993854.6700	26.2500	2.5000	20.0000	8.7500	67.5003	960972.5100	415.0103
2	16:25:38	1012524.4000	46.2501	22.5000	15.0000	25.0000	55.0002	983261.6200	380.0087
3	16:26:20	1024665.1000	41.2501	2.5000	18.7500	15.0000	75.0003	983567.2300	400.0096
4	16:27:02	952555.9600	38.7501	10.0000	16.2500	18.7500	65.0003	916977.3700	437.5115
5	16:27:44	969495.0800	37.5001	12.5000	15.0000	18.7500	47.5001	944035.7900	452.5123
X		990619.0500	38.0001	10.0000	17.0000	17.2500	62.0002	957762.9000	417.0105
%RSD		3.005	19.405	82.916	13.357	34.525	17.437	2.943	6.932

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	16:24:56	137.5011	5761.9913	9715.6603	1720069.0000	53.7502	140.0012	6705.1965	6057.2006
2	16:25:38	135.0011	5554.3504	9703.1458	1746038.1000	72.5003	153.7514	6597.6107	5832.0400
3	16:26:20	140.0012	5581.8688	10038.5430	1760888.3000	57.5002	137.5011	6692.6864	6029.6806
4	16:27:02	142.5012	6227.3259	10934.6690	1620366.5000	55.0002	156.2515	7323.2164	6505.0379
5	16:27:44	145.0013	6082.2188	10839.5450	1690657.2000	80.0004	176.2519	7148.0644	6009.6662
X		140.0012	5841.5511	10246.3130	1707603.8000	63.7503	152.7514	6893.3549	6086.7251
%RSD		2.823	5.157	5.867	3.257	18.498	10.145	4.660	4.107

Run	Time	208Pb	209Bi	220Bkg
1	16:24:56	14111.9390	1156721.4000	0.0000
2	16:25:38	14172.0410	1175446.4000	0.0000
3	16:26:20	14429.9830	1181737.5000	0.0000
4	16:27:02	15496.8960	1082959.7000	0.0000
5	16:27:44	15111.1880	1125604.9000	0.0000
X		14664.4090	1144494.0000	0.0000
%RSD		4.169	3.559	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	16:29:14	354069.6100	15.0000	TM 347949180.0000	T 48476585.0000	T 6698284.8000	T 7766688.9000	7403.2871	T 6281856.2000
2	16:29:56	350390.5700	18.3334	TM 345787320.0000	T 48055808.0000	T 6620726.4000	T 7658432.3000	7450.8294	T 6199574.6000
3	16:30:38	360508.7200	17.5000	TM 344768750.0000	T 48893728.0000	T 6713466.0000	T 7854966.0000	7661.0199	T 6440742.9000
4	16:31:20	348730.5700	27.5000	TM 345412710.0000	T 48884408.0000	T 6705548.4000	T 7831483.3000	7218.1247	T 6511671.6000
5	16:32:03	361503.8000	14.1667	TM 348051000.0000	T 49020775.0000	T 6724860.5000	T 7900995.0000	7433.3138	T 6533800.8000
X		355040.6500	18.5000	TM 346393790.0000	T 48666261.0000	T 6692577.2000	T 7802513.1000	7433.3150	T 6393529.2000
%RSD		1.631	28.737	TM 0.436	T 0.818	T 0.618	T 1.205	2.120	T 2.293

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	16:29:14	TM 7189606.1000	574246.5400	447.5120	25356.0170	4861.4176	2772.9613	652.5256	128543.8200
2	16:29:56	TM 7053404.9000	568320.2500	385.0089	26211.1570	4591.2644	2855.4891	762.5349	127995.4800
3	16:30:38	TM 7130132.5000	567523.6100	417.5105	27420.0370	4591.2644	2667.9270	865.0449	130270.3200
4	16:31:20	TM 7301815.2000	575879.9300	537.5173	27136.6120	4476.2019	2690.4342	867.5452	128282.3400
5	16:32:03	TM 7264288.8000	583135.6000	497.5149	27374.8890	4613.7769	2850.4874	832.5416	130536.9500
X		TM 7187849.5000	573821.1900	457.0127	26699.7420	4626.7850	2767.4598	796.0384	129125.7800
%RSD		TM 1.395	1.106	13.380	3.355	3.065	3.156	11.397	0.919

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	16:29:14	79489.8180	2792.9680	3105.5786	28671.7390	13846.4940	40759.4370	3100.5767	1819.3653
2	16:29:56	81269.3600	2675.4294	3093.0739	27733.5720	13177.9110	39576.2540	3068.8983	1870.2098
3	16:30:38	74789.1050	2437.8565	3245.6319	27934.2410	13540.9930	39209.5270	3078.0684	1876.0445
4	16:31:20	80875.5560	2700.4375	3240.6300	27853.9730	13393.2540	40209.2740	3188.1097	1873.5439
5	16:32:03	79197.0510	2722.9448	3170.6030	27954.3080	13308.1180	40417.7790	2977.1984	1881.0456
X		79124.1780	2665.9272	3171.1035	28029.5670	13453.3540	40034.4540	3082.5703	1864.0418
%RSD		3.259	5.057	2.272	1.318	1.905	1.577	2.448	1.357

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:29:14	772.5358	59.1669	852777.3300	420.0106	637.5244	717.5309	402.5097	1095.0719
2	16:29:56	722.5313	44.1668	866926.6000	430.0111	715.0307	745.0333	417.5105	1022.5627
3	16:30:38	750.0338	39.1668	842617.6800	427.5110	692.5288	697.5292	502.5152	1022.5627
4	16:31:20	719.1977	46.6668	854915.6700	410.0101	655.0257	762.5349	445.0119	1155.0800
5	16:32:03	711.6971	33.3334	865761.8400	430.0111	725.0315	717.5309	377.5086	1030.0637
X		735.1991	44.5001	856599.8200	423.5108	685.0282	728.0318	429.0112	1065.0682
%RSD		3.456	21.702	1.173	2.028	5.517	3.522	11.146	5.523

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	16:29:14	924243.1100	21.2500	7.5000	11.2500	16.2500	52.5002	906270.6400	245.0036
2	16:29:56	923335.2600	37.5001	2.5000	15.0000	17.5000	37.5001	910601.8200	267.5043
3	16:30:38	920684.6500	17.5000	2.5000	16.2500	12.5000	45.0001	909912.2500	277.5046
4	16:31:20	917503.3000	17.5000	12.5000	22.5000	23.7500	40.0001	911597.3500	272.5045
5	16:32:03	925471.3600	46.2501	0.0000	17.5000	18.7500	57.5002	907009.9600	242.5035
X		922247.5400	28.0001	5.0000	16.5000	17.7500	46.5001	909078.4000	261.0041
%RSD		0.345	46.886	100.000	24.781	23.036	18.073	0.255	6.193

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	16:29:14	100.0006	5419.2615	9370.2652	1672647.2000	57.5002	138.7512	12945.0470	11200.0210
2	16:29:56	82.5004	5391.7437	9472.8811	1676831.4000	48.7501	130.0010	12501.8710	11154.9610
3	16:30:38	97.5006	5569.3604	9525.4409	1668985.3000	57.5002	125.0009	12859.9150	11089.8740
4	16:31:20	87.5005	5396.7469	9830.7953	1669194.1000	42.5001	126.2510	12644.5860	11355.2310
5	16:32:03	72.5003	5496.8123	9290.1756	1669188.0000	41.2501	120.0009	12679.6390	11440.3480
X		88.0005	5454.7850	9497.9116	1671369.2000	49.5001	128.0010	12726.2110	11248.0870
%RSD		12.768	1.405	2.181	0.204	15.831	5.464	1.389	1.292

Run	Time	208Pb	209Bi	220Bkg
1	16:29:14	27432.5790	1127619.5000	0.0000
2	16:29:56	27169.2180	1127610.9000	0.0000
3	16:30:38	26948.5030	1122517.1000	0.0000
4	16:31:20	27532.9090	1122595.4000	0.0000
5	16:32:03	27515.3510	1124224.7000	0.0000
X		27319.7120	1124913.5000	0.0000
%RSD		0.928	0.227	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	16:33:32	391438.3100	14.1667	TM 376326210.0000	T 52654072.0000	T 7121327.5000	T 8301138.5000	4133.5249	T 6814542.2000
2	16:34:14	397765.9500	18.3334	TM 379645320.0000	T 52639302.0000	T 7212655.7000	T 8407140.4000	4296.1071	T 6988692.3000
3	16:34:56	402182.1900	20.0000	TM 387981920.0000	T 54085743.0000	T 7435313.3000	T 8757370.0000	4461.1938	T 7219607.0000
4	16:35:38	400080.3900	21.6667	TM 386489640.0000	T 53734681.0000	T 7349114.4000	T 8630382.8000	4478.7032	T 7192125.7000
5	16:36:20	394847.8000	29.1667	TM 384698400.0000	T 53819637.0000	T 7311867.1000	T 8584596.6000	4358.6396	T 7105771.5000
x		397262.9300	20.6667	TM 383028300.0000	T 53386687.0000	T 7286055.6000	T 8536125.7000	4345.6337	T 7064147.7000
%RSD		1.069	26.656	TM 1.277	T 1.288	T 1.673	T 2.128	3.227	T 2.350

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	16:33:32	TM 7683505.6000	613460.9500	545.0178	22740.9870	2265.3079	2880.4978	2035.2485	139668.2100
2	16:34:14	TM 7596612.7000	617600.5700	552.5183	22397.5590	2435.3558	2785.4655	1852.7059	144087.5000
3	16:34:56	TM 7871371.3000	628978.6300	590.0209	22793.6300	2510.3781	2797.9696	1960.2305	146094.4900
4	16:35:38	TM 7940036.7000	628309.6300	475.0135	22051.6380	2530.3841	2933.0161	2015.2436	144682.6800
5	16:36:20	TM 7994680.7000	625935.5700	620.0231	22457.7200	2632.9159	2960.5258	1885.2132	144817.4900
x		TM 7817241.4000	622857.0700	556.5187	22488.3070	2474.8683	2871.4949	1949.7284	143870.0700
%RSD		TM 2.179	1.114	9.820	1.328	5.525	2.731	4.078	1.710

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	16:33:32	90594.7830	1922.7218	4158.5373	16483.7870	7973.8131	108448.6000	994.2260	650.0254
2	16:34:14	95433.3400	1900.2166	4075.9966	16601.5200	7908.7511	111115.9000	1018.3956	683.3614
3	16:34:56	103845.5300	2190.2878	4088.5027	16924.6690	7786.1357	111875.9700	1060.0674	696.6958
4	16:35:38	92712.8880	2102.7653	4376.1487	16175.6840	7706.0614	109677.0200	1003.3937	726.6984
5	16:36:20	96788.8390	2082.7602	4471.1992	16538.8960	7876.2203	110353.3700	1019.2290	678.3609
x		95875.0750	2039.7503	4234.0769	16544.9110	7850.1963	110294.1700	1019.0623	687.0284
%RSD		5.278	6.086	4.230	1.620	1.340	1.197	2.475	4.068

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:33:32	57.5002	67.5003	899078.0500	15.0000	10.0000	15.0000	2.5000	7.5000
2	16:34:14	45.0001	48.3335	902069.3900	30.0001	2.5000	25.0000	12.5000	7.5000
3	16:34:56	46.6668	45.8335	895626.9200	27.5000	5.0000	17.5000	5.0000	10.0000
4	16:35:38	39.1668	51.6668	911283.1000	37.5001	5.0000	15.0000	7.5000	5.0000
5	16:36:20	55.0002	55.8335	905559.1800	20.0000	5.0000	15.0000	5.0000	7.5000
x		48.6668	53.8335	902723.3300	26.0000	5.5000	17.5000	6.5000	7.5000
%RSD		15.440	15.809	0.668	33.723	49.793	24.744	58.330	23.570

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	16:33:32	975580.0800	43.7501	2.5000	23.7500	57.5002	72.5003	944499.1500	205.0025
2	16:34:14	981243.2000	46.2501	2.5000	36.2501	45.0001	75.0003	948399.5700	197.5023
3	16:34:56	982944.8100	35.0001	7.5000	16.2500	40.0001	87.5005	960161.5400	192.5022
4	16:35:38	1001436.9000	50.0001	2.5000	16.2500	31.2501	95.0005	950287.5800	157.5015
5	16:36:20	994028.7100	36.2501	7.5000	13.7500	30.0001	75.0003	948575.5100	192.5022
x		987046.7500	42.2501	4.5000	21.2500	40.7501	81.0004	950384.6700	189.0022
%RSD		1.060	15.288	60.858	43.226	27.573	12.073	0.617	9.702

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	16:33:32	100.0006	5609.3873	9945.9318	1681566.0000	68.7503	143.7512	5726.9672	4793.8785
2	16:34:14	80.0004	5739.4758	10081.0940	1675344.6000	55.0002	116.2508	5616.8923	4918.9513
3	16:34:56	102.5006	5624.3974	10153.6820	1687285.2000	53.7502	116.2508	5837.0435	5071.5428
4	16:35:38	75.0003	5814.5278	10141.1670	1685884.6000	70.0003	123.7509	5611.8890	4788.8756
5	16:36:20	97.5006	5684.4381	10098.6150	1668570.8000	48.7501	133.7511	5599.3806	4986.4915
x		91.0005	5694.4453	10084.0980	1679730.3000	59.2502	126.7510	5678.4345	4911.9479
%RSD		13.819	1.487	0.821	0.463	16.109	9.397	1.804	2.497

Run	Time	208Pb	209Bi	220Bkg
1	16:33:32	12191.4110	1125944.0000	0.0000
2	16:34:14	11625.6040	1122279.2000	0.0000
3	16:34:56	11813.3670	1119055.9000	0.0000
4	16:35:38	11633.1140	1121978.8000	0.0000
5	16:36:20	12038.6900	1117828.9000	0.0000
x		11860.4370	1121417.4000	0.0000
%RSD		2.109	0.282	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	16:37:50	T 461545.4000	19.1667	TM 333746690.0000	T 26899943.0000	T 3597394.7000	T 4212155.1000	15897.6500	T 4677635.2000
2	16:38:32	357974.5800	15.8333	TM 321764330.0000	T 25722804.0000	T 3485342.9000	T 4073929.4000	15449.3080	T 4387541.2000
3	16:39:14	356991.2100	25.8334	TM 315290510.0000	T 24907797.0000	T 3405581.4000	T 3981767.4000	15414.2430	T 4400696.2000
4	16:39:56	356802.5500	15.0000	TM 309202420.0000	T 24684388.0000	T 3407233.7000	T 3964909.8000	14860.7390	T 4420464.7000
5	16:40:38	349678.2300	15.8333	TM 304969110.0000	T 24396042.0000	T 3359796.8000	T 3957348.1000	15116.1980	T 4390028.1000
X		T 376598.4000	18.3334	TM 316994610.0000	T 25322195.0000	T 3451069.9000	T 4038022.0000	15347.6270	T 4455273.1000
%RSD		T 12.640	24.478	TM 3.568	T 3.991	T 2.707	T 2.674	2.540	T 2.805

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	16:37:50	TM 4492885.5000	602554.2000	527.5167	29865.9230	2632.9159	2867.9934	907.5494	120149.9600
2	16:38:32	TM 4264494.4000	577878.9500	415.0103	30826.9130	2680.4310	2710.4407	860.0444	113925.9600
3	16:39:14	TM 4302429.8000	570064.8200	415.0103	31446.7220	2507.8773	2582.9002	872.5457	112311.7700
4	16:39:56	TM 4272537.2000	575760.8600	427.5110	32161.9440	2392.8435	2545.3887	985.0582	111110.8300
5	16:40:38	TM 4247649.4000	565919.8600	387.5090	32483.1860	2500.3751	2462.8639	860.0444	107774.9500
X		TM 4315999.3000	578435.7400	434.5115	31356.9380	2542.8885	2633.9174	897.0484	113054.6900
%RSD		TM 2.337	2.469	12.430	3.356	4.508	6.013	5.897	4.037

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	16:37:50	54809.6550	2067.7565	2162.7806	122605.3400	58547.4480	37845.7430	2814.6419	1315.1038
2	16:38:32	49961.8230	1982.7358	2007.7418	118329.1900	56606.6080	36376.7230	2749.6202	1375.9469
3	16:39:14	48236.7040	1722.6780	2047.7516	114980.2900	53614.4170	35686.2470	2612.9096	1315.1038
4	16:39:56	45757.7830	1860.2076	1875.2110	115639.3200	55056.2730	36211.0040	2727.9464	1275.0975
5	16:40:38	50288.7810	2005.2412	1982.7358	113865.1400	54233.4030	35877.0640	2698.7703	1335.9404
X		49810.9490	1927.7238	2015.2442	117083.8500	55611.6300	36399.3560	2720.7777	1323.4385
%RSD		6.669	7.115	5.177	2.987	3.574	2.343	2.714	2.774

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:37:50	458.3459	37.5001	869001.9800	467.5131	815.0399	777.5363	470.0133	1335.1069
2	16:38:32	456.6792	39.1668	839227.3100	435.0114	752.5340	812.5396	495.0147	1295.1006
3	16:39:14	478.3471	40.0001	844196.0700	477.5137	787.5372	755.0342	570.0195	1167.5818
4	16:39:56	460.0127	46.6668	854294.0100	447.5120	895.0481	845.0428	505.0153	1360.1110
5	16:40:38	474.1802	41.6668	844974.3300	457.5126	825.0408	792.5377	487.5143	1170.0821
X		465.5130	41.0001	850338.7400	457.0125	815.0400	796.5381	505.5154	1265.5965
%RSD		2.147	8.551	1.384	3.637	6.482	4.307	7.569	7.216

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	16:37:50	961945.7800	61.2502	0.0000	58.7502	13.7500	52.5002	913794.5800	865.0449
2	16:38:32	934754.2600	65.0003	12.5000	48.7501	12.5000	67.5003	898197.7900	795.0379
3	16:39:14	921826.1000	61.2502	12.5000	40.0001	15.0000	62.5002	905820.4100	710.0303
4	16:39:56	926276.3700	52.5002	7.5000	47.5001	11.2500	60.0002	900091.7100	772.5358
5	16:40:38	907513.0700	60.0002	10.0000	46.2501	17.5000	50.0001	897417.5600	745.0333
X		930463.1200	60.0002	8.5000	48.2501	14.0000	58.5002	903064.4100	777.5364
%RSD		2.168	7.655	60.990	14.023	17.174	12.312	0.757	7.500

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	16:37:50	137.5011	5774.5000	10651.8030	1667245.7000	31.2501	102.5006	7425.8071	6835.3021
2	16:38:32	147.5013	5731.9707	10321.3880	1635108.0000	33.7501	98.7506	7560.9285	6740.2247
3	16:39:14	92.5005	5729.4689	9923.4049	1650166.2000	40.0001	93.7505	7873.7180	6627.6345
4	16:39:56	67.5003	5544.3438	10101.1180	1642539.0000	33.7501	87.5005	7651.0107	6925.3765
5	16:40:38	120.0009	5756.9879	10068.5790	1651183.9000	28.7500	102.5006	7668.5268	6745.2288
X		113.0008	5707.4542	10213.2590	1649248.5000	33.5001	97.0006	7635.9982	6774.7533
%RSD		29.116	1.630	2.776	0.726	12.487	6.609	2.148	1.651

Run	Time	208Pb	209Bi	220Bkg
1	16:37:50	16135.6060	1125770.2000	0.0000
2	16:38:32	16105.5480	1125629.2000	0.0000
3	16:39:14	16466.2520	1128396.0000	0.0000
4	16:39:56	16551.4210	1131052.6000	0.0000
5	16:40:38	16135.6060	1137101.3000	0.0000
X		16278.8870	1129589.9000	0.0000
%RSD		1.305	0.421	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	16:42:17	342789.8800	18.3334	TM 323482400.0000	T 44322179.0000	T 6115753.4000	T 7227972.9000	37001.9670	T 5600393.0000
2	16:42:59	345621.6500	16.6667	TM 321146920.0000	T 43877412.0000	T 6020397.5000	T 6996787.3000	35796.7200	T 5495423.6000
3	16:43:41	360371.3000	13.3333	TM 323924540.0000	T 45000549.0000	T 6268942.4000	T 7280210.7000	37230.4810	T 5646129.0000
4	16:44:24	352838.1600	11.6667	TM 333671090.0000	T 45348382.0000	T 6235034.3000	T 7354162.4000	38385.7050	T 5704515.4000
5	16:45:06	353662.8700	10.0000	TM 338335010.0000	T 46591568.0000	T 6299442.5000	T 7508239.8000	38408.3080	T 5657698.2000
X		351056.7700	14.0000	TM 328111990.0000	T 45028018.0000	T 6187914.0000	T 7273474.6000	37364.6360	T 5620831.8000
%RSD		1.987	24.686	TM 2.275	T 2.321	T 1.886	T 2.575	2.913	T 1.411

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	16:42:17	TM 6029325.7000	569262.6700	455.0124	38574.0710	5236.6448	3453.2153	3105.5786	130450.6100
2	16:42:59	TM 5912988.0000	564527.5200	495.0147	39252.2270	5216.6323	3400.6937	3130.5879	131854.9600
3	16:43:41	TM 6013863.3000	563052.5800	455.0124	39950.5340	5106.5641	3478.2257	3160.5992	133119.8300
4	16:44:24	TM 6097192.6000	570694.5600	500.0150	40068.5990	5401.7502	3503.2362	3075.5674	134049.5500
5	16:45:06	TM 6052305.0000	576213.0700	467.5131	40066.0860	5199.1213	3523.2446	3008.0428	136463.2600
X		TM 6021134.9000	568750.0800	474.5135	39582.3030	5232.1426	3471.7231	3096.0752	133187.6400
%RSD		TM 1.132	0.922	4.569	1.662	2.047	1.372	1.884	1.710

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	16:42:17	66300.1980	2567.8956	2127.7716	5094.0565	2712.9415	1770.1880	2971.3630	1554.3116
2	16:42:59	68490.3030	2437.8565	2292.8154	5036.5215	2602.9064	1707.6750	3140.5917	1585.1507
3	16:43:41	64811.0520	2347.8307	2320.3230	5104.0626	2710.4407	1792.6928	3149.7618	1574.3154
4	16:44:24	63788.2050	2430.3543	2432.8551	5234.1433	2622.9127	1935.2247	3177.2723	1562.6465
5	16:45:06	68565.9210	2517.8803	2590.4025	5424.2648	2762.9580	1862.7082	3095.5748	1530.1405
X		66391.1360	2460.3635	2352.8335	5178.6097	2682.4319	1813.6977	3106.9127	1561.3129
%RSD		3.232	3.457	7.305	2.997	2.505	4.834	2.616	1.343

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:42:17	612.5225	35.0001	849391.3100	530.0169	732.5322	927.5516	487.5143	1370.1126
2	16:42:59	590.8543	41.6668	855678.3100	520.0162	822.5406	772.5358	475.0135	1427.6223
3	16:43:41	608.3555	38.3334	860645.3500	502.5152	785.0370	930.0519	462.5128	1442.6249
4	16:44:24	610.8557	50.8335	854045.3600	517.5161	882.5467	927.5516	535.0172	1370.1126
5	16:45:06	635.8576	34.1667	849352.6500	477.5137	852.5436	892.5478	582.5204	1205.0871
X		611.6891	40.0001	853822.6000	509.5156	815.0400	890.0478	508.5156	1363.1119
%RSD		2.624	16.861	0.555	4.007	7.188	7.585	9.763	6.916

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	16:42:17	898928.0900	32.5001	10.0000	10.0000	21.2500	32.5001	896895.6000	72.5003
2	16:42:59	916106.4400	21.2500	10.0000	10.0000	8.7500	25.0000	905470.2500	82.5004
3	16:43:41	914545.6600	26.2500	10.0000	11.2500	6.2500	32.5001	902975.0400	77.5004
4	16:44:24	913769.5400	33.7501	12.5000	8.7500	12.5000	25.0000	902972.2700	80.0004
5	16:45:06	919593.4600	35.0001	10.0000	7.5000	8.7500	25.0000	902722.2300	75.0003
X		912588.6400	29.7501	10.5000	9.5000	11.5000	28.0000	902207.0800	77.5004
%RSD		0.872	19.573	10.648	15.002	51.214	14.671	0.352	5.100

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	16:42:17	82.5004	5464.2909	9628.0588	1656385.6000	36.2501	107.5007	210.0027	175.0018
2	16:42:59	92.5005	5451.7827	9885.8603	1679069.7000	46.2501	88.7505	195.0023	167.5017
3	16:43:41	97.5006	5391.7437	9958.4467	1677815.7000	36.2501	122.5009	172.5018	152.5014
4	16:44:24	77.5004	5754.4862	9968.4586	1649982.0000	52.5002	105.0007	192.5022	155.0014
5	16:45:06	90.0005	5486.8057	9965.9557	1657923.7000	48.7501	108.7507	175.0018	195.0023
X		88.0005	5509.8218	9881.3560	1664235.3000	44.0001	106.5007	189.0022	169.0017
%RSD		9.073	2.563	1.474	0.800	16.855	11.301	8.186	10.174

Run	Time	208Pb	209Bi	220Bkg
1	16:42:17	422.5107	1121474.7000	0.0000
2	16:42:59	345.0071	1132595.1000	0.0000
3	16:43:41	377.5086	1128378.9000	0.0000
4	16:44:24	362.5079	1123162.2000	5.0000
5	16:45:06	370.0082	1126951.2000	0.0000
X		375.5085	1126512.4000	1.0000
%RSD		7.698	0.390	223.607

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	16:46:36	393228.8900	16.6667	TM 364644620.0000	T 48960111.0000	T 6719972.2000	T 7781396.0000	22129.3440	T 6137962.5000
2	16:47:18	397142.2400	13.3333	TM 372949470.0000	T 49853514.0000	T 6820181.9000	T 8033324.0000	23427.8860	T 6180815.3000
3	16:48:00	362274.5500	9.1667	TM 346271880.0000	T 47621169.0000	T 6453870.8000	T 7507684.8000	21156.8230	T 5887964.1000
4	16:48:41	361305.4700	17.5000	TM 341558030.0000	T 46525218.0000	T 6335140.7000	T 7496342.3000	21279.6350	T 5759189.6000
5	16:49:23	361254.1500	5.8333	TM 346203490.0000	T 46614716.0000	T 6359410.0000	T 7515003.7000	20387.4080	T 5799195.1000
x		375041.0600	12.5000	TM 354325500.0000	T 47914946.0000	T 6537715.1000	T 7666750.2000	21676.2190	T 5953025.3000
%RSD		4.918	39.721	TM 3.857	T 3.053	T 3.359	T 3.093	5.341	T 3.270

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	16:46:36	TM 6530508.5000	597600.9000	537.5173	29389.2320	5266.6637	3015.5455	4911.4469	130356.6600
2	16:47:18	TM 6598667.5000	616123.2500	587.5207	30222.2040	5374.2324	2948.0214	4881.4293	129170.9100
3	16:48:00	TM 6262916.3000	585338.5400	525.0165	29263.7920	4818.8929	2913.0090	4723.8385	126596.8600
4	16:48:41	TM 6132946.8000	575863.8800	497.5149	28762.0500	4811.3886	2840.4840	4748.8527	127731.4700
5	16:49:23	TM 6245935.0000	585211.3000	477.5137	28197.6260	4678.8131	2885.4995	4716.3343	126472.4900
x		TM 6354194.8000	592027.5700	525.0166	29166.9810	4989.9981	2920.5119	4796.3803	128065.6800
%RSD		TM 3.146	2.622	8.011	2.586	6.195	2.263	1.934	1.311

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	16:46:36	74478.8450	2888.0003	6264.8540	292207.3300	138354.0600	294332.7000	3221.4559	1666.8334
2	16:47:18	73278.2720	2647.9206	6480.0185	301193.9500	140870.6900	297341.7500	3350.6735	1691.8384
3	16:48:00	72864.6690	2707.9399	5844.5488	282984.6000	131344.4900	283584.4800	3206.4501	1625.1585
4	16:48:41	74314.8910	2702.9383	5972.1392	279748.0200	136160.8700	282795.8500	3186.4424	1622.6580
5	16:49:23	75621.5670	2520.3811	5802.0191	278432.5500	134072.4200	285118.0000	3148.0945	1580.1498
x		74111.6490	2693.4360	6072.7159	286913.2900	136160.5100	288634.5600	3222.6233	1637.3276
%RSD		1.463	4.918	4.789	3.355	2.712	2.326	2.380	2.640

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:46:36	636.6910	48.3335	875555.0900	140.0012	225.0030	250.0038	167.5017	252.5038
2	16:47:18	675.0273	45.0001	869505.6800	105.0007	212.5027	237.5034	142.5012	295.0052
3	16:48:00	665.8599	40.8334	850437.9100	157.5015	170.0017	207.5026	122.5009	312.5059
4	16:48:41	626.6902	37.5001	843370.9600	137.5011	242.5035	247.5037	125.0009	295.0052
5	16:49:23	694.1956	36.6667	855349.4800	140.0012	222.5030	212.5027	162.5016	347.5073
x		659.6928	41.6668	858843.8300	136.0011	214.5028	231.0032	144.0013	300.5055
%RSD		4.208	11.916	1.557	14.036	12.645	8.577	14.400	11.428

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	16:46:36	940282.3900	61.2502	2.5000	41.2501	107.5007	317.5061	911155.1800	2122.7703
2	16:47:18	947628.8400	72.5003	17.5000	60.0002	70.0003	252.5038	911867.1000	2252.8045
3	16:48:00	921583.8800	58.7502	10.0000	31.2501	83.7504	300.0054	885012.7200	2170.2826
4	16:48:41	918744.5300	57.5002	25.0000	42.5001	90.0005	282.5048	902283.2900	2165.2813
5	16:49:23	921917.9800	68.7503	2.5000	52.5002	86.2504	212.5027	890825.9100	2050.2522
x		930031.5200	63.7502	11.5000	45.5001	87.5005	273.0045	900228.8400	2152.2782
%RSD		1.401	10.282	85.033	24.310	15.419	15.192	1.336	3.436

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	16:46:36	242.5035	5679.4347	10041.0460	1643899.8000	43.7501	150.0014	54512.7170	47640.7910
2	16:47:18	267.5043	5604.3839	9848.3159	1642466.6000	62.5002	135.0011	54945.5460	48344.8280
3	16:48:00	220.0029	5536.8388	9620.5501	1629442.3000	42.5001	135.0011	54530.3320	48224.1310
4	16:48:41	242.5035	5544.3438	9620.5501	1640662.6000	57.5002	137.5011	54135.2680	47482.3900
5	16:49:23	237.5034	5574.3638	9800.7599	1637369.2000	53.7502	125.0009	54427.1600	47746.3920
x		242.0035	5587.8730	9786.2443	1638768.1000	52.0002	136.5011	54510.2050	47887.7060
%RSD		7.022	1.033	1.798	0.351	16.706	6.553	0.533	0.786

Run	Time	208Pb	209Bi	220Bkg
1	16:46:36	117096.9600	1096923.9000	0.0000
2	16:47:18	117958.9900	1096945.2000	0.0000
3	16:48:00	116719.2200	1101532.9000	0.0000
4	16:48:41	116384.5900	1100950.4000	0.0000
5	16:49:23	116232.4900	1108111.7000	0.0000
x		116878.4500	1100892.8000	0.0000
%RSD		0.590	0.416	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	16:50:53	359046.7600	14.1667	TM 309351070.0000	T 24949283.0000	T 3467511.0000	T 4040907.9000	5151.5918	T 4362204.4000
2	16:51:36	357279.8600	9.1667	TM 313835610.0000	T 24981650.0000	T 3416631.6000	T 3999596.3000	5319.1971	T 4419725.9000
3	16:52:18	359925.1200	15.0000	TM 309895830.0000	T 25130164.0000	T 3435496.3000	T 4046353.7000	5169.1027	T 4337047.8000
4	16:53:00	345019.1000	17.5000	TM 309327630.0000	T 24715140.0000	T 3354323.3000	T 3884992.1000	4816.3915	T 4334200.6000
5	16:53:42	343838.4400	8.3333	TM 299959510.0000	T 24279122.0000	T 3319589.0000	T 3888044.5000	5081.5489	T 4359447.3000
x		353021.8600	12.8333	TM 308473930.0000	T 24811072.0000	T 3398710.2000	T 3971978.9000	5107.5664	T 4362525.2000
%RSD		2.242	30.664	TM 1.659	T 1.340	T 1.780	T 2.016	3.610	T 0.788

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	16:50:53	TM 4274192.5000	570042.0900	477.5137	33436.9470	3235.6280	2647.9206	422.5107	111533.9300
2	16:51:36	TM 4285448.4000	571651.9500	435.0114	34220.1170	2928.0143	2420.3514	385.0089	110713.0900
3	16:52:18	TM 4287493.2000	567109.2800	365.0080	34074.5220	2950.5222	2440.3573	372.5083	108281.4500
4	16:53:00	TM 4165177.0000	563939.6500	350.0074	34634.3230	2865.4926	2320.3230	392.5092	102855.8700
5	16:53:42	TM 4193219.6000	554427.0900	367.5081	33110.6480	3015.5455	2337.8279	372.5083	105982.1700
x		TM 4241106.1000	565434.0100	399.0097	33895.3120	2999.0405	2433.3560	389.0091	107873.3000
%RSD		TM 1.358	1.206	13.732	1.812	4.759	5.364	5.292	3.290

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	16:50:53	53081.0190	1737.6812	1785.1912	10103.6210	5131.5795	5621.8957	2786.2991	1295.9341
2	16:51:36	50884.8830	1690.1714	1845.2043	10216.2580	4933.9602	5609.3873	2667.9270	1321.7715
3	16:52:18	48048.1190	1675.1684	1790.1923	9820.7835	4523.7275	5474.2975	2728.7800	1240.9257
4	16:53:00	48895.5270	1755.1848	1765.1869	10188.7250	4713.8328	5354.2195	2669.5942	1277.5979
5	16:53:42	44370.3100	1762.6864	1627.6589	9670.6080	4766.3627	5439.2746	2692.9350	1229.2573
x		49055.9720	1724.1784	1762.6867	9999.9992	4813.8926	5499.8149	2709.1071	1273.0973
%RSD		6.648	2.281	4.601	2.417	4.780	2.082	1.833	3.008

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:50:53	441.6784	41.6668	843230.2300	460.0127	815.0399	712.5305	470.0133	1125.0759
2	16:51:36	449.1788	37.5001	840998.1900	502.5152	765.0351	772.5358	495.0147	1292.6002
3	16:52:18	465.0130	49.1668	847152.1700	422.5107	710.0303	830.0413	525.0165	1230.0908
4	16:53:00	441.6784	45.8335	841566.4900	485.0141	797.5382	795.0379	485.0141	1287.5995
5	16:53:42	436.6781	50.8335	840369.2400	460.0127	750.0338	915.0502	502.5152	1157.5804
x		446.8453	45.0001	842663.2700	466.0131	767.5354	805.0392	495.5148	1218.5894
%RSD		2.483	12.143	0.323	6.489	5.362	9.304	4.136	6.201

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	16:50:53	925145.4800	20.0000	0.0000	5.0000	12.5000	25.0000	891641.6200	185.0021
2	16:51:36	925011.7900	26.2500	12.5000	6.2500	8.7500	10.0000	897556.3900	190.0022
3	16:52:18	915324.6200	27.5000	12.5000	15.0000	13.7500	37.5001	910309.8600	185.0021
4	16:53:00	922783.9100	31.2501	5.0000	13.7500	12.5000	17.5000	901227.7100	190.0022
5	16:53:42	920862.8200	28.7500	7.5000	12.5000	11.2500	25.0000	897076.0600	177.5019
x		921825.7300	26.7500	7.5000	10.5000	11.7500	23.0000	899562.3300	185.5021
%RSD		0.438	15.708	70.711	43.416	16.134	44.419	0.769	2.762

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	16:50:53	92.5005	5659.4211	10016.0160	1635499.9000	46.2501	101.2506	1545.1432	1392.6164
2	16:51:36	87.5005	5534.3371	9973.4646	1640891.8000	27.5000	76.2503	1660.1654	1507.6364
3	16:52:18	82.5004	5639.4075	10091.1060	1654959.5000	30.0001	85.0004	1575.1489	1402.6180
4	16:53:00	110.0007	5686.9398	10003.5010	1658579.6000	35.0001	92.5005	1700.1734	1332.6065
5	16:53:42	82.5004	5629.4008	9883.3574	1664937.7000	27.5000	81.2504	1662.6659	1317.6042
x		91.0005	5629.9013	9993.4889	1650973.7000	33.2501	87.2505	1628.6593	1390.6163
%RSD		12.529	1.026	0.753	0.748	23.717	11.254	4.015	5.398

Run	Time	208Pb	209Bi	220Bkg
1	16:50:53	3485.7289	1120113.6000	0.0000
2	16:51:36	3473.2236	1127927.2000	0.0000
3	16:52:18	3560.7606	1138552.0000	0.0000
4	16:53:00	3543.2531	1143716.5000	0.0000
5	16:53:42	3398.1927	1148642.5000	0.0000
x		3492.2318	1135790.4000	0.0000
%RSD		1.842	1.026	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	16:55:12	393111.8900	10.0000	248657.8100	18886.3770	2580.3994	2840.4840	2140.2748	64503.6810
2	16:55:54	399469.6100	9.1667	174321.9100	12339.1280	1610.1555	1880.2121	2045.2510	63085.3860
3	16:56:36	T 478758.3300	10.8333	124229.1200	7263.1638	1015.0618	1155.0800	2250.3038	63614.3840
4	16:57:18	T 480256.5700	3.3333	93602.7530	4831.4001	640.0246	835.0418	2005.2412	64395.3480
5	16:58:01	T 473160.4000	6.6667	76095.8560	3335.6675	505.0153	655.0257	2112.7678	63508.5820
x		T 444951.3600	8.0000	143381.4900	9331.1475	1270.1313	1473.1687	2110.7677	63821.4760
%RSD		T 10.014	37.989	48.587	67.953	66.805	60.838	4.480	0.952

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	16:55:12	2938.0178	608905.6200	27.5000	22324.8640	1352.6098	2685.4326	120.0009	102628.0800
2	16:55:54	1945.2270	616654.2000	20.0000	21755.8620	1227.5904	2555.3917	115.0008	104415.0800
3	16:56:36	1447.6257	630192.9200	22.5000	21254.5710	1230.0908	2530.3841	140.0012	106377.1600
4	16:57:18	942.5533	618380.3300	20.0000	21557.8480	1320.1046	2607.9080	165.0016	105642.9100
5	16:58:01	790.0375	619832.4900	22.5000	21322.2430	1390.1159	2620.4119	135.0011	104896.0600
x		1612.6923	618793.1100	22.5000	21643.0780	1304.1023	2599.9057	135.0011	104791.8600
%RSD		53.881	1.235	13.608	1.986	5.601	2.325	14.582	1.356

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	16:55:12	507.5155	35.0001	27.5000	570.0195	300.0054	110.0007	260.0041	556.6853
2	16:55:54	462.5128	22.5000	2.5000	600.0216	300.0054	100.0006	204.1692	560.0188
3	16:56:36	495.0147	32.5001	30.0001	610.0223	305.0056	100.0006	190.0022	534.1838
4	16:57:18	507.5155	25.0000	20.0000	527.5167	282.5048	92.5005	216.6695	560.0188
5	16:58:01	507.5155	37.5001	12.5000	680.0278	267.5043	145.0013	200.8358	541.6843
x		496.0148	30.5001	18.5000	597.5216	291.0051	109.5007	214.3361	550.5182
%RSD		3.930	21.217	60.886	9.403	5.386	18.993	12.711	2.156

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:55:12	47.5001	46.6668	926644.0800	12.5000	7.5000	7.5000	0.0000	5.0000
2	16:55:54	48.3335	45.8335	930689.8700	5.0000	2.5000	2.5000	0.0000	2.5000
3	16:56:36	48.3335	32.5001	934943.8700	7.5000	0.0000	7.5000	0.0000	0.0000
4	16:57:18	52.5002	36.6667	929003.9000	17.5000	5.0000	5.0000	0.0000	2.5000
5	16:58:01	51.6668	39.1668	926811.2200	15.0000	0.0000	10.0000	0.0000	2.5000
x		49.6668	40.1668	929618.5900	11.5000	3.0000	6.5000	0.0000	2.5000
%RSD		4.533	15.061	0.367	45.079	108.653	43.853	0.000	70.711

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	16:55:12	1055512.6000	17.5000	0.0000	5.0000	6.2500	10.0000	1003325.1000	17.5000
2	16:55:54	1073262.1000	15.0000	5.0000	7.5000	2.5000	17.5000	1016210.2000	20.0000
3	16:56:36	1082849.1000	17.5000	2.5000	3.7500	7.5000	15.0000	1027519.1000	15.0000
4	16:57:18	1088016.8000	17.5000	10.0000	6.2500	6.2500	22.5000	1004291.8000	12.5000
5	16:58:01	1074876.7000	13.7500	0.0000	7.5000	3.7500	25.0000	1009998.7000	27.5000
x		1074903.5000	16.2500	3.5000	6.0000	5.2500	18.0000	1012269.0000	18.5000
%RSD		1.152	10.879	119.523	27.163	39.123	33.159	0.984	31.110

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	16:55:12	12.5000	5.0000	10.0000	1779703.0000	31.2501	71.2503	40.0001	27.5000
2	16:55:54	7.5000	5.0000	7.5000	1811339.8000	35.0001	70.0003	22.5000	35.0001
3	16:56:36	12.5000	10.0000	15.0000	1784055.7000	26.2500	78.7504	22.5000	25.0000
4	16:57:18	17.5000	7.5000	12.5000	1791191.1000	27.5000	91.2505	30.0001	27.5000
5	16:58:01	10.0000	2.5000	15.0000	1757365.2000	23.7500	65.0003	22.5000	22.5000
x		12.0000	6.0000	12.0000	1784731.0000	28.7501	75.2503	27.5000	27.5000
%RSD		30.901	47.507	27.163	1.094	15.372	13.567	28.020	17.008

Run	Time	208Pb	209Bi	220Bkg
1	16:55:12	75.0003	1329283.5000	0.0000
2	16:55:54	40.0001	1329032.8000	0.0000
3	16:56:36	55.0002	1320453.4000	0.0000
4	16:57:18	55.0002	1318638.0000	0.0000
5	16:58:01	45.0001	1305743.2000	0.0000
x		54.0002	1320630.2000	0.0000
%RSD		24.845	0.729	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	16:59:30	374530.5800	┬1107787.6000	┬68138131.0000	┬40241928.0000	┬5501344.9000	┬6385507.2000	┬88693095.0000	┬37220946.0000
2	17:00:12	383439.8500	┬1141941.3000	┬68391193.0000	┬40736491.0000	┬5622829.0000	┬6494943.1000	┬90367285.0000	┬37887020.0000
3	17:00:54	395430.3100	┬1155141.7000	┬70431298.0000	┬40965014.0000	┬5570813.6000	┬6540417.1000	┬90863949.0000	┬38300320.0000
4	17:01:36	397675.9700	┬1175067.6000	┬69984215.0000	┬40965485.0000	┬5670059.4000	┬6737505.8000	┬93572097.0000	┬38575637.0000
5	17:02:18	397136.1200	┬1190740.8000	┬71437700.0000	┬41375832.0000	┬5766723.4000	┬6658420.5000	┬93543732.0000	┬38804245.0000
X		389642.5700	┬1154135.8000	┬69676507.0000	┬40856950.0000	┬5626354.0000	┬6563358.7000	┬91408032.0000	┬38157634.0000
%RSD		2.633	┬2.766	┬2.002	┬1.013	┬1.785	┬2.103	┬2.320	┬1.639

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	16:59:30	1266267.8000	578525.3200	40.0001	┬6302867.6000	┬6010850.0000	┬4284897.0000	┬8110600.3000	┬70674586.0000
2	17:00:12	1300064.6000	594479.0400	72.5003	┬6348772.5000	┬6109533.9000	┬4317532.8000	┬8239424.6000	┬72995433.0000
3	17:00:54	┬1462614.2000	606085.7700	52.5002	┬6349683.1000	┬6247372.2000	┬4390528.0000	┬8378622.3000	┬72634384.0000
4	17:01:36	1354188.9000	612310.8000	62.5002	┬6506044.5000	┬6168176.8000	┬4439655.8000	┬8498822.7000	┬73628602.0000
5	17:02:18	1358506.9000	607660.7400	42.5001	┬6601534.5000	┬6339238.0000	┬4552027.0000	┬8566270.7000	┬74613598.0000
X		┬1348328.5000	599812.3300	54.0002	┬6421780.4000	┬6175034.2000	┬4396928.1000	┬8358748.1000	┬72909321.0000
%RSD		┬5.533	2.266	25.273	┬1.971	┬2.040	┬2.406	┬2.229	┬1.999

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	16:59:30	┬1737950.1000	┬7390729.8000	1569424.4000	┬3848860.2000	1793675.1000	1135724.9000	822734.6700	21902.0780
2	17:00:12	1736172.6000	┬7571103.4000	1639175.6000	┬3962268.0000	1830248.5000	1151255.1000	831026.7000	22824.5480
3	17:00:54	┬1785262.4000	┬7588346.7000	1625364.0000	┬4007326.4000	┬1940418.2000	1172885.4000	850777.6000	22875.5210
4	17:01:36	┬1810684.0000	┬7775089.7000	1661387.7000	┬3997159.3000	1895011.9000	1187011.6000	858020.9700	23412.0080
5	17:02:18	┬1826614.0000	┬7815861.8000	1674557.4000	┬4081203.0000	┬1946489.2000	1192730.9000	867811.1100	23424.5430
X		┬1779336.6000	┬7628226.3000	1633981.8000	┬3979363.4000	┬1881168.6000	1167921.6000	846074.2100	22887.7400
%RSD		┬2.322	┬2.252	2.498	┬2.132	┬3.587	2.062	2.218	2.710

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:59:30	8969.8249	54.1668	837862.1500	97.5006	130.0010	215.0028	65.0003	270.0044
2	17:00:12	9139.1754	55.8335	854973.7000	100.0006	117.5008	212.5027	72.5003	205.0025
3	17:00:54	9210.0867	62.5002	866304.0800	92.5005	117.5008	190.0022	77.5004	220.0029
4	17:01:36	9220.9320	54.1668	885461.8800	100.0006	147.5013	210.0027	95.0005	242.5035
5	17:02:18	9435.3385	51.6668	874350.4100	127.5010	105.0007	227.5031	77.5004	240.0035
X		9195.0715	55.6669	863790.4500	103.5007	123.5009	211.0027	77.5004	235.5034
%RSD		1.824	7.364	2.117	13.296	13.009	6.414	14.245	10.466

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	16:59:30	980730.2600	462987.5700	64226.5530	446999.1100	1012687.6000	2469415.8000	921625.6400	177.5019
2	17:00:12	992981.7200	472517.0100	65083.1600	452035.1600	1010519.0000	2476075.4000	925245.7500	225.0030
3	17:00:54	1003867.5000	477966.2200	65632.4430	460992.6600	1015045.2000	2493405.6000	932111.3600	202.5025
4	17:01:36	1004592.5000	482439.5100	65566.9310	462740.6600	1025484.9000	2530073.8000	949678.6800	157.5015
5	17:02:18	1022012.1000	488824.7100	65357.7970	470362.6100	1034845.4000	2544801.0000	958922.8400	172.5018
X		1000836.8000	476947.0100	65173.3770	458626.0400	1019716.4000	2502754.3000	937516.8500	187.0021
%RSD		1.530	2.062	0.876	2.007	1.002	1.329	1.719	14.287

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	16:59:30	┬3114975.5000	543032.2600	969369.1200	1579453.5000	┬4665015.4000	┬11404319.0000	┬3791941.7000	┬3252550.5000
2	17:00:12	┬3126264.7000	551152.7300	978622.7500	1578608.6000	┬4659099.5000	┬11429845.0000	┬3793207.4000	┬3231115.7000
3	17:00:54	┬3150886.6000	551310.1500	984377.5500	1601755.1000	┬4681675.9000	┬11455500.0000	┬3804063.9000	┬3243392.3000
4	17:01:36	┬3154001.8000	555892.5400	991087.3500	1592274.6000	┬4682847.8000	┬11546136.0000	┬3813457.9000	┬3236032.0000
5	17:02:18	┬3184405.4000	565537.6800	1004626.3000	1604591.0000	┬4679063.9000	┬11511804.0000	┬3825523.9000	┬3252915.7000
X		┬3146106.8000	553385.0700	985616.6100	1591336.6000	┬4673540.5000	┬11469521.0000	┬3805639.0000	┬3243201.2000
%RSD		┬0.858	1.486	1.348	0.762	┬0.231	┬0.510	┬0.372	┬0.300

Run	Time	208Pb	209Bi	220Bkg
1	16:59:30	┬8028603.5000	1130488.2000	0.0000
2	17:00:12	┬7952289.7000	1136090.0000	0.0000
3	17:00:54	┬8005439.4000	1139439.4000	2.5000
4	17:01:36	┬8054894.1000	1132720.5000	2.5000
5	17:02:18	┬8051739.2000	1143325.3000	0.0000
X		┬8018593.2000	1136412.7000	1.0000
%RSD		┬0.525	0.453	136.931

CCB3 09/13/2011 17:03:07

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al	39K
1	17:03:50	T 512553.0900	787.5372	89480.3380	25654.4280	3600.7778	4296.1071	62770.5210	94667.1750
2	17:04:32	T 518733.9500	632.5240	80141.0110	21397.4360	2905.5064	3220.6222	49235.0170	89230.1770
3	17:05:14	T 515959.0700	388.3424	68250.8510	12970.0860	1770.1880	2410.3485	32618.7140	84455.8090
4	17:05:56	453290.2300	215.0028	57590.8170	6317.3937	790.0375	945.0536	16578.9750	78190.1090
5	17:06:38	T 531505.1400	108.3340	52469.6660	3100.5767	310.0058	495.0147	9417.8187	75568.5900
X		T 506408.3000	426.3481	69586.5360	13887.9840	1875.3031	2273.4292	34124.2090	84422.3720
%RSD		T 6.032	66.363	22.098	69.192	73.877	69.320	65.025	9.276

Run	Time	44Ca	45Sc	47Ti	51V	52Cr	54Fe	55Mn	56Fe
1	17:03:50	1077.5697	655673.0800	17.5000	5536.8388	4746.3513	4993.9960	5141.5857	150448.4300
2	17:04:32	885.0470	663277.1700	12.5000	4043.4807	4216.0662	4363.6422	4178.5474	147893.3000
3	17:05:14	647.5252	670323.9000	25.0000	2870.4943	2870.4943	3780.8575	2540.3872	133599.9200
4	17:05:56	422.5107	680442.9800	25.0000	1577.6493	1915.2201	2915.5099	1355.1102	125104.5700
5	17:06:38	322.5062	676127.0200	20.0000	1067.5684	1427.6223	2730.4472	767.5354	119150.7700
X		671.0318	669168.8300	20.0000	3019.2063	3035.1508	3756.8906	2796.6331	135239.4000
%RSD		46.822	1.483	26.517	60.388	47.140	25.464	66.101	10.163

Run	Time	57Fe	59Co	60Ni	63Cu	65Cu	66Zn	75As	78Se
1	17:03:50	1685.1704	5011.5065	1012.5615	3883.4046	1610.1555	1160.0807	555.8519	660.8595
2	17:04:32	1762.6864	3870.8988	932.5522	3093.0739	1507.6364	997.5597	432.5112	652.5256
3	17:05:14	1232.5912	2412.8493	450.0122	2512.8788	995.0594	802.5386	302.5055	706.6966
4	17:05:56	1025.0630	1140.0780	285.0049	1570.1479	640.0246	567.5193	144.1679	618.3563
5	17:06:38	835.0418	530.0169	175.0018	1160.0807	452.5123	462.5128	75.0003	703.3630
X		1308.1106	2593.0699	571.0265	2443.9172	1041.0776	798.0423	302.0074	668.3602
%RSD		31.016	71.841	66.624	45.334	49.234	36.351	65.790	5.549

Run	Time	82Se	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:03:50	50.0001	52.5002	937844.2300	15.0000	2.5000	0.0000	0.0000	2.5000
2	17:04:32	40.0001	40.8334	955671.7500	7.5000	0.0000	0.0000	7.5000	0.0000
3	17:05:14	53.3335	58.3335	976286.0200	7.5000	0.0000	5.0000	0.0000	2.5000
4	17:05:56	46.6668	38.3334	987967.4500	10.0000	0.0000	7.5000	5.0000	0.0000
5	17:06:38	40.0001	43.3334	998220.7000	17.5000	0.0000	5.0000	5.0000	2.5000
X		46.0001	46.6668	971198.0300	11.5000	0.5000	3.5000	3.5000	1.5000
%RSD		12.963	18.079	2.517	39.491	223.607	95.831	95.831	91.287

Run	Time	103Rh	107Ag	108Mo O	109Ag	111Cd	114Cd	115In	118Sn
1	17:03:50	1097960.5000	415.0103	37.5001	441.2617	708.7801	1635.1604	1017898.8000	35.0001
2	17:04:32	1121608.6000	350.0074	42.5001	285.0049	533.7671	1250.0938	1032085.0000	15.0000
3	17:05:14	1133434.8000	238.7534	20.0000	182.5020	317.5061	822.5406	1037694.2000	10.0000
4	17:05:56	1150249.4000	143.7512	15.0000	123.7509	145.0013	380.0087	1058209.7000	17.5000
5	17:06:38	1150832.3000	85.0004	15.0000	81.2504	67.5003	190.0022	1070988.1000	17.5000
X		1130817.1000	246.5046	26.0000	222.7540	354.5110	855.5611	1043375.2000	19.0000
%RSD		1.952	55.848	50.240	64.693	75.331	69.974	2.028	49.757

Run	Time	121Sb	135Ba	137Ba	159Tb	203Tl	205Tl	206Pb	207Pb
1	17:03:50	1892.7149	437.5115	640.0246	1710751.1000	3163.1002	7518.3900	2477.8683	2172.7832
2	17:04:32	1422.6214	312.5059	507.5155	1758599.5000	2322.8237	5423.0140	1850.2054	1677.6689
3	17:05:14	935.0525	190.0022	282.5048	1787628.9000	1543.8930	3797.1149	1340.1077	1102.5729
4	17:05:56	480.0138	75.0003	122.5009	1818530.2000	908.7996	1997.7394	632.5240	555.0185
5	17:06:38	235.0033	30.0001	50.0001	1823362.8000	477.5137	1165.0814	340.0069	305.0056
X		993.0812	209.0040	320.5092	1779774.5000	1683.2260	3980.2680	1328.1425	1162.6098
%RSD		68.205	80.521	78.139	2.617	64.207	64.653	65.799	66.542

Run	Time	208Pb	209Bi	220Bkg
1	17:03:50	5476.7991	1270135.5000	0.0000
2	17:04:32	4045.9820	1290125.5000	0.0000
3	17:05:14	2547.8894	1306204.0000	0.0000
4	17:05:56	1295.1006	1325987.5000	0.0000
5	17:06:38	650.0254	1337649.6000	0.0000
X		2803.1593	1306020.4000	0.0000
%RSD		70.605	2.076	0.000

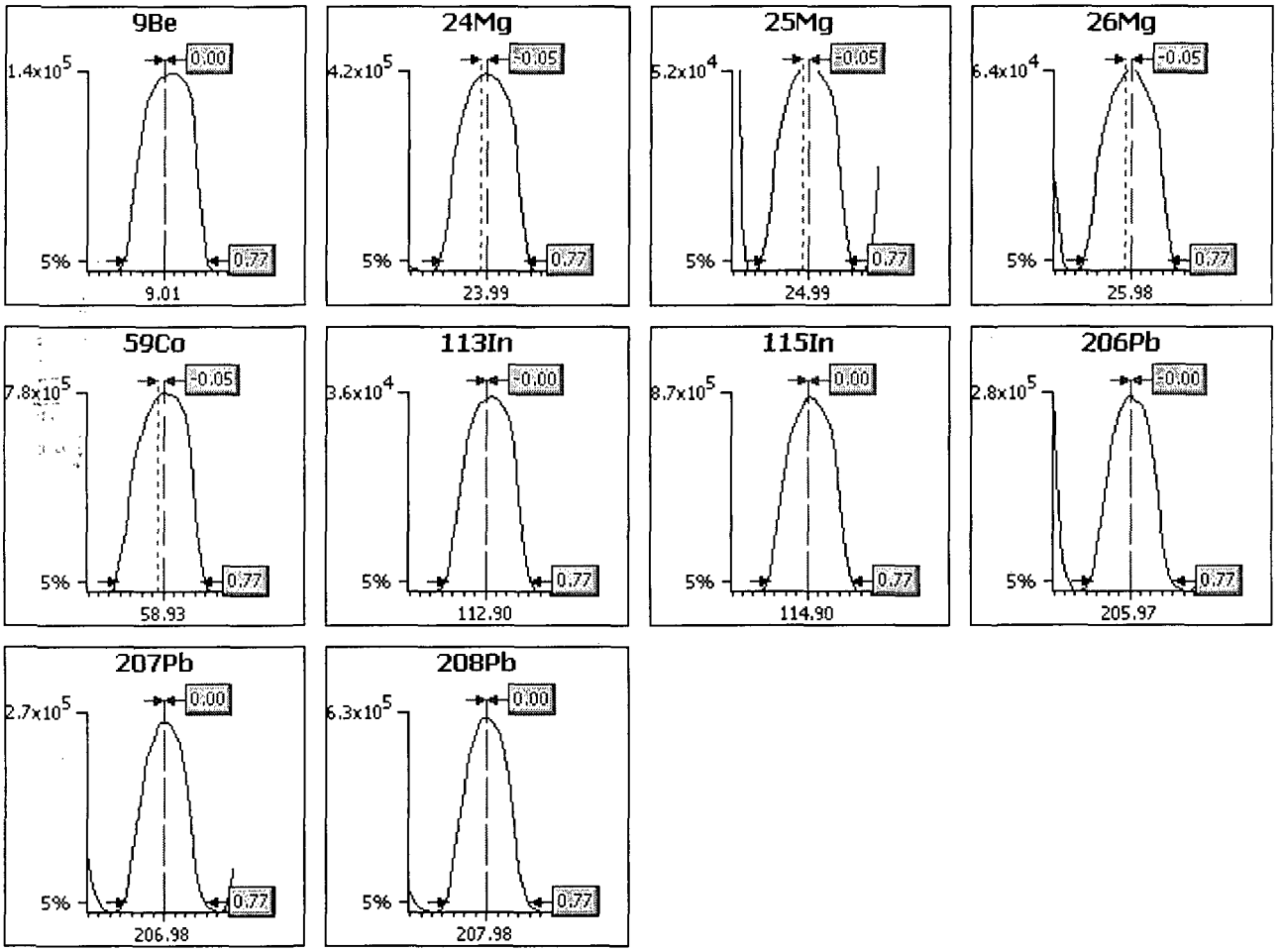
Performance Report

Sample details
Acquired at : 09/14/2011 13:58:43
Report name : CLP [01/24/2011 16:31:36]

Tune for Run M5211095

Mass Calibration verification

Acquisition parameters
Sweeps : 10
Dwell : 5.0 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	0.60	0.11	0.77	0.00
24Mg	0.85	0.60	0.11	0.77	-0.05
25Mg	0.85	0.60	0.11	0.77	-0.05
26Mg	0.85	0.60	0.11	0.77	-0.05
59Co	0.85	0.60	0.11	0.77	-0.05
113In	0.85	0.60	0.11	0.77	-0.00
115In	0.85	0.60	0.11	0.77	0.00
206Pb	0.85	0.60	0.11	0.77	-0.00
207Pb	0.85	0.60	0.11	0.77	0.00
208Pb	0.85	0.60	0.11	0.77	0.00

Sample details
Acquired at : 09/14/2011 13:58:43
Report name : CLP [01/24/2011 16:31:36]

Tune for run MS211095

Tune conditions

Major	
Extraction	-129
Lens 1	3.8
Focus	26.9
D1	-32.2
Pole Bias	5.0
Hexapole Bias	2.3
Nebuliser	0.78
Sampling Depth	135

Minor	
Lens 2	-24.3
Lens 3	-150.6
Forward power	1404
Horizontal	100
Vertical	444
D2	-160
DA	-80.0
Cool	13.0
Auxiliary	0.90

Global	
Standard resolution	115
High resolution	120
Analogue Detector	1755
PC Detector	3029

Add. Gases

Sensitivity and stability results

Acquisition parameters
Sweeps : 130

Run	Time	5Bkg	9Be	24Mg	25Mg	26Mg	56Ar O	59Co	138Ba++	101Bkg
Dwell (mSecs)		100.0	10.0	10.0	10.0	10.0	10.0	10.0	30.0	100.0
Limits	%RSD	-	5.0%	5.0%	5.0%	5.0%	-	5.0%	-	-
	Countrate	-	>3000	>10000	>10000	>10000	-	>10000	-	-
1	13:59:05	0.077	139387.60	419294.21	54216.564	63694.028	256619.77	794019.32	23627.294	0.154
2	14:00:24	0.000	141806.36	421871.04	55329.225	63701.004	259111.27	792330.94	23585.123	0.077
3	14:01:38	0.077	142585.65	422491.31	55409.758	64307.946	263415.41	806900.57	24197.902	0.231
4	14:02:51	0.000	141326.78	423994.05	55846.505	65575.459	265269.78	808816.72	23959.008	0.077
5	14:04:05	0.000	145017.07	430727.28	55832.566	64745.933	265465.09	809172.77	24436.545	0.615
x		0.031	142024.69	423675.58	55326.924	64404.874	261976.26	802248.07	23961.174	0.231
σ		0.04	2046.82	4291.94	664.34	790.05	3936.70	8348.74	365.69	0.22
%RSD		136.931	1.441	1.013	1.201	1.227	1.503	1.041	1.526	97.183

Run	Time	113In	115In	138Ba	140Ce	156Ce O	206Pb	207Pb	208Pb	220Bkg
Dwell (mSecs)		10.0	10.0	10.0	10.0	30.0	10.0	10.0	10.0	100.0
Limits	%RSD	5.0%	5.0%	-	-	-	5.0%	5.0%	5.0%	-
	Countrate	>10000	>10000	-	-	-	>10000	>10000	>10000	<6
1	13:59:05	36417.091	863014.52	567841.51	857467.19	18076.250	284182.82	262560.59	618869.53	0.462
2	14:00:24	36025.394	859971.18	565903.83	851060.79	18813.007	281069.87	259943.52	612138.63	0.231
3	14:01:38	36284.978	863229.82	567732.94	854768.38	18689.139	282586.02	261012.31	614788.02	0.385
4	14:02:51	36500.532	868089.39	571241.74	862172.97	18559.362	283716.56	262363.77	619004.40	0.385
5	14:04:05	36996.558	877543.87	578042.11	866352.61	18850.270	286939.52	264133.77	621994.43	0.231
x		36444.911	866369.76	570152.43	858364.39	18597.606	283698.96	262002.79	617359.00	0.338
σ		356.99	6889.78	4813.48	6029.01	313.01	2172.93	1597.20	3883.89	0.10
%RSD		0.980	0.795	0.844	0.702	1.683	0.766	0.610	0.629	30.492

Ratio results

Run	Time	56Ar O/59Co	138Ba++/138Ba	115In/101Bkg	156Ce O/140Ce
Ratio limits		-	-	>10000.0000	<0.0300
1	13:59:05	0.323	0.042	5609594.3	0.021
2	14:00:24	0.327	0.042	11179625	0.022
3	14:01:38	0.326	0.043	3740662.5	0.022
4	14:02:51	0.328	0.042	11285162	0.022
5	14:04:05	0.328	0.042	1426008.7	0.022
x		0.3265	0.0420	6648210.6	0.0217
σ		0.00	0.00	4439566.14	0.00
%RSD		0.6096	1.0095	66.7784	1.7916

Result : The performance report passed.

Experiment Details

Description	PlasmaLab Template BlankExperiment
Template Filename	C:\Program Files\Thermo Fisher\PlasmaLab\data\MS211094.tee
Created By User	Edwards
Analyte Database	ILM5.3.tea
Creation Timestamp	02/02/2005 10:10:19
Last Edited By	john.kershisnik
Last Edit Timestamp	09/15/2011 10:07:22
Instrument Detector	Simultaneous
Database Version	3.51
Acquisition Mode	Unknown

John Kershisnik
Run # MS211095
Instr. ICPM02
1123732
MF4T31
Case: 41679
ISM01.2 Water 200.8

Numerical Results report key (text indicates meaning)

Blue text indicates that cell is a statistic.
Underlining indicates that a data warning flag is set.

Column headings
- **No flag**
- **Semi Quant**
- **Standard Addition**
- **Multi Element**

Result cells
- Internal Standard
- Excluded
- QC Warning
- QC Failure

Transient TRA only:
- Peak Not Found
- Manually Edited
- Merged Peak

Data warning flags
- I - Invalid calibration
- T - Tripped
- F - Interference correction failed
- M - Result over max
- V - Valley integration failed
- D - Different method used

Setup

Survey Scan Setup

Sweeps	5
Dwell Time	600
Channels Per Mass	10
Acquisition Duration	6739

Main Run Setup

Main Run	Peak Jumping
Sweeps	40
Dwell Time	10000
Channels Per Mass	1
Acquisition Duration	36287
Channel Spacing	0.02

Survey Scan Regions

Start AMU	End AMU	Channels	Dwell ms	Resolution
4.59	11.50	69	600	Standard
12.50	13.50	10	600	
22.59	28.41	58	600	
30.59	31.50	9	600	
33.50	34.50	10	600	
36.50	37.50	10	600	
38.50	39.41	9	600	Standard
42.59	245.50	2029	600	Standard

Peak Jump Regions

Analyte	Channels	Dwell ms	Resolution
6Li	1	30000	Standard
7Li	1	10000	Standard
9Be	1	30000	Standard
13C	1	10000	
23Na	1	10000	
24Mg	1	5000	
25Mg	1	5000	
26Mg	1	5000	
27Al	1	10000	Standard

39K	1	10000	
43Ca	1	10000	
44Ca	1	10000	
45Sc	1	20000	Standard
47Ti	1	10000	Standard
52Cr	1	10000	Standard
53Cl O	1	10000	Standard
54Fe	1	10000	
56Fe	1	10000	
57Fe	1	10000	
77Ar Cl	1	30000	Standard
82Se	1	30000	Standard
83Kr	1	30000	Standard
86Sr	1	10000	Standard
88Sr	1	10000	Standard
89Y	1	10000	Standard
94Mo	1	10000	Standard
95Mo	1	10000	Standard
96Mo	1	10000	Standard
97Mo	1	10000	Standard
98Mo	1	10000	Standard
103Rh	1	10000	Standard
106Pd	1	10000	Standard
106Cd	1	10000	Standard
108Mo O	1	10000	Standard
115In	1	10000	Standard
118Sn	1	10000	Standard
159Tb	1	10000	Standard
209Bi	1	20000	Standard
220Bkg	1	10000	Standard

Calibration Technique

Use External Drift Correction - No
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	None				No		
9Be	Yes	0.75	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
13C	Yes	0.05	None				No		
23Na	Yes	1.00	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
24Mg	Yes	0.98	Fully-Quantified	Linear	None	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
39K	Yes	1.00	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
43Ca	Yes	0.99	None				No		
44Ca	Yes	0.99	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
45Sc	Yes	1.00	None				No		
47Ti	Yes	0.99	Semi-Quantified				No		
52Cr	Yes	0.98	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
54Fe	Yes	0.96	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
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
82Se	Yes	0.10	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
83Kr	Yes	0.01	Semi-Quantified				No		
86Sr	Yes	0.96	None				No		
88Sr	Yes	0.96	None				No		
89Y	Yes	0.98	None				No		
94Mo	Yes	0.98	None				No		
95Mo	Yes	0.98	None				No		
96Mo	Yes	0.98	None				No		
97Mo	Yes	0.98	None				No		
98Mo	Yes	0.98	None				No		
103Rh	Yes	0.94	None				No		
106Pd	Yes	0.93	None				No		
106Cd	Yes	0.57	None				No		
115In	Yes	0.99	None				No		
118Sn	Yes	0.96	None				No		
159Tb	Yes	0.99	None				No		
209Bi	Yes	0.92	None				No		
220Bkg	Yes		Semi-Quantified				No		

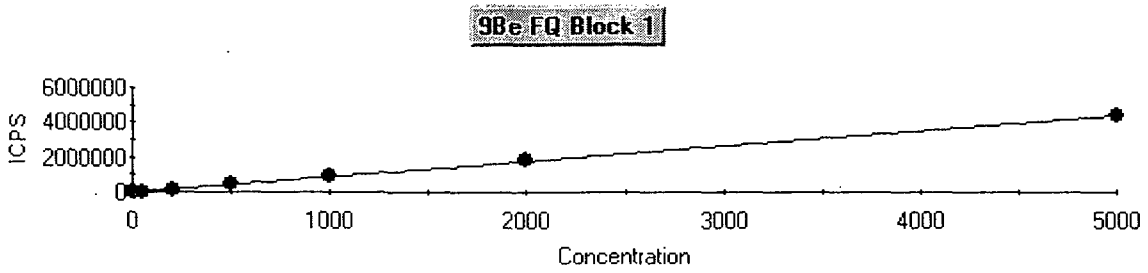
77Ar Cl	Yes	Semi-Quantified	No
53Cl O	Yes	Semi-Quantified	No
108Mo O	Yes	Semi-Quantified	No

Sample List

No	Label	Type	Weight	Rack	Row	Col	Height
1	S0	Blank	1.000	1	1	1	144
2	S	Fully Quant Standard	1.000	1	1	2	144
3	S10	Fully Quant Standard	1.000	1	1	3	144
4	S50	Fully Quant Standard	1.000	1	1	4	144
5	S200	Fully Quant Standard	1.000	1	1	5	144
6	S500	Fully Quant Standard	1.000	1	1	6	144
7	S1000	Fully Quant Standard	1.000	1	1	7	144
8	S2000	Fully Quant Standard	1.000	1	1	8	144
9	S5000	Fully Quant Standard	1.000	1	1	9	144
10	S50000	Fully Quant Standard	1.000	1	1	10	144
11	S100000	Fully Quant Standard	1.000	1	1	11	144
12	ICV	Unknown	1.000	1	1	12	144
13	ICB	Unknown	1.000	1	2	1	144
14	ICSA	Unknown	1.000	1	2	2	144
15	ICSAB	Unknown	1.000	1	2	3	144
16	ICSA-2X	Unknown	1.000	1	2	4	144
17	ICSAB-2X	Unknown	1.000	1	2	5	144
18	CCV	Unknown	1.000	1	2	6	144
19	CCB	Unknown	1.000	1	2	7	144
20	PBW	Unknown	1.000	1	2	8	144
21	LCS	Unknown	1.000	1	2	9	144
22	MF4T31	Unknown	1.000	1	2	10	144
23	MF4T32	Unknown	1.000	1	2	11	144
24	MF4T65	Unknown	1.000	1	2	12	144
25	MF4T66	Unknown	1.000	1	3	1	144
26	MF4T66S	Unknown	1.000	1	3	2	144
27	MF4T66D	Unknown	1.000	1	3	3	144
28	MF4T66L	Unknown	1.000	1	3	4	144
29	MF4T67	Unknown	1.000	1	3	5	144
30	MF4T68	Unknown	1.000	1	3	6	144
31	MF4T73	Unknown	1.000	1	3	7	144
32	MF4T74	Unknown	1.000	1	3	8	144
33	MF4T83	Unknown	1.000	1	3	9	144
34	MF4T84	Unknown	1.000	1	3	10	144
35	MF4T85	Unknown	1.000	1	3	11	144
36	MF4T86	Unknown	1.000	1	3	12	144
37	MF4T87	Unknown	1.000	1	4	1	144
38	MF4T88	Unknown	1.000	1	4	2	144
39	MF4T89	Unknown	1.000	1	4	3	144
40	MF4T90	Unknown	1.000	1	4	4	144
41	MF4T98	Unknown	1.000	1	4	5	144
42	MF4TA1	Unknown	1.000	1	4	6	144
43	MF4TA2	Unknown	1.000	1	4	7	144
44	MF4TB4	Unknown	1.000	1	4	8	144
45	ZZZZZZ	Unknown	1.000	1	4	9	144
46	CCV2	Unknown	1.000	1	4	10	144
47	CCB2	Unknown	1.000	1	4	11	144
48	MF4T31-3x	Unknown	1.000	1	4	12	144
49	MF4T32-3x	Unknown	1.000	1	5	1	144
50	MF4T65-2x	Unknown	1.000	1	5	2	144
51	MF4T66-2x	Unknown	1.000	1	5	3	144
52	MF4T66S-2x	Unknown	1.000	1	5	4	144
53	MF4T66D-2x	Unknown	1.000	1	5	5	144
54	MF4T66L-2x	Unknown	1.000	1	5	6	144
55	MF4T67-3x	Unknown	1.000	1	5	7	144
56	MF4T68-3x	Unknown	1.000	1	5	8	144
57	MF4T73-3x	Unknown	1.000	1	5	9	144
58	MF4T74-3x	Unknown	1.000	1	5	10	144
59	MF4T83-3x	Unknown	1.000	1	5	11	144
60	MF4T87-3x	Unknown	1.000	2	1	3	144
61	MF4T85-3x	Unknown	1.000	2	1	4	144
62	MF4T86-3x	Unknown	1.000	2	1	5	144
63	MF4T84-3x	Unknown	1.000	2	1	6	144
64	MF4T88-3x	Unknown	1.000	2	1	7	144
65	MF4T89-3x	Unknown	1.000	2	1	8	144
66	MF4T90-3x	Unknown	1.000	2	1	9	144
67	MF4T98-3x	Unknown	1.000	2	1	10	144

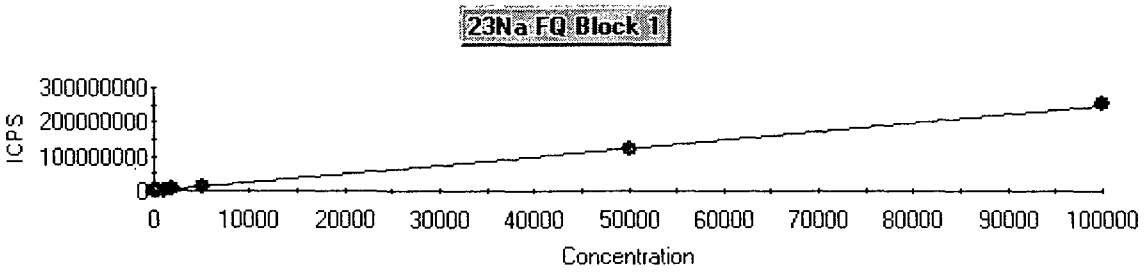
68	MF4TA1-3x	Unknown	1.000	2	1	11	144
69	MF4TA2-3x	Unknown	1.000	2	1	12	144
70	MF4TB4-3x	Unknown	1.000	2	2	1	144
71	CCV3	Unknown	1.000	2	2	2	144
72	CCB3	Unknown	1.000	2	2	3	144

Fully Quant Calibration



Intercept CPS=20.133610 Intercept Conc=0.023003
Sensitivity=875.263247 Correlation Coeff=0.999872

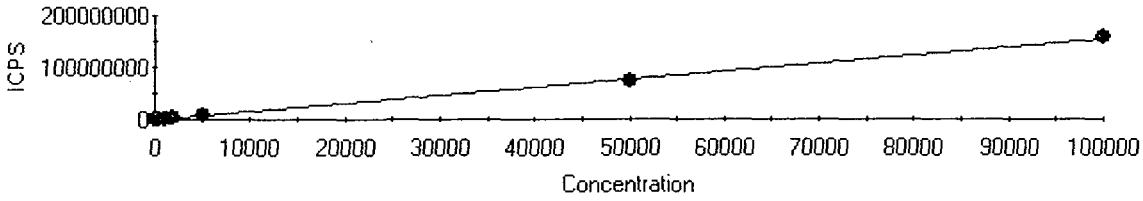
Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	20.13	0.00
S	1.000	0.992	0.008	888.43	0.80
S10	10.000	9.725	0.275	8531.89	2.75
S50	50.000	49.107	0.893	43001.55	1.79
S200	200.000	187.084	12.916	163767.98	6.46
S500	500.000	470.635	29.365	411949.50	5.87
S1000	1000.000	1006.013	6.013	880546.25	0.60
S2000	2000.000	2062.960	62.960	1805653.51	3.15
S5000	5000.000	4977.076	22.924	4356271.76	0.46



Intercept CPS=10257.584647 Intercept Conc=4.094581
Sensitivity=2505.160890 Correlation Coeff=0.999922

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	10257.58	0.00
S50	50.000	41.243	8.757	113577.83	17.51
S200	200.000	165.254	34.746	424245.64	17.37
S500	500.000	460.493	39.507	1163867.25	7.90
S1000	1000.000	979.915	20.085	2465103.40	2.01
S2000	2000.000	1943.913	56.087	4880072.72	2.80
S5000	5000.000	4821.706	178.294	12089406.02	3.57
S50000	50000.000	48870.645	1129.355	122439086.80	2.26
S100000	100000.000	100575.186	575.186	251967280.21	0.58

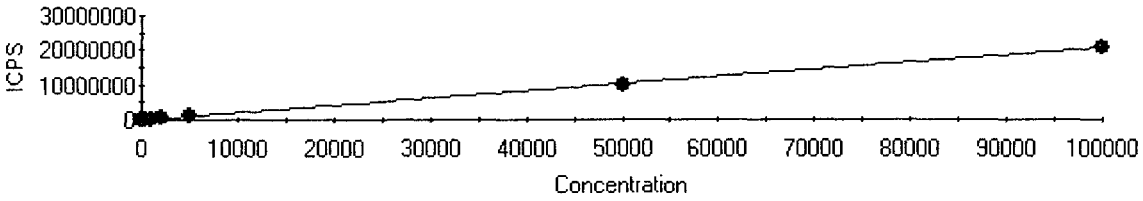
24Mg FQ Block 1



Intercept CPS=333.122549 Intercept Conc=0.215265
Sensitivity=1547.497759 Correlation Coeff=0.999826

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	333.12	0.00
S50	50.000	44.626	5.374	69391.52	10.75
S200	200.000	174.946	25.054	271061.41	12.53
S500	500.000	441.256	58.744	683175.67	11.75
S1000	1000.000	973.107	26.893	1506214.16	2.69
S2000	2000.000	1924.604	75.396	2978653.14	3.77
S5000	5000.000	4813.380	186.620	7449028.40	3.73
S50000	50000.000	48317.704	1682.296	74771871.26	3.36
S100000	100000.000	100852.603	852.603	156069509.54	0.85

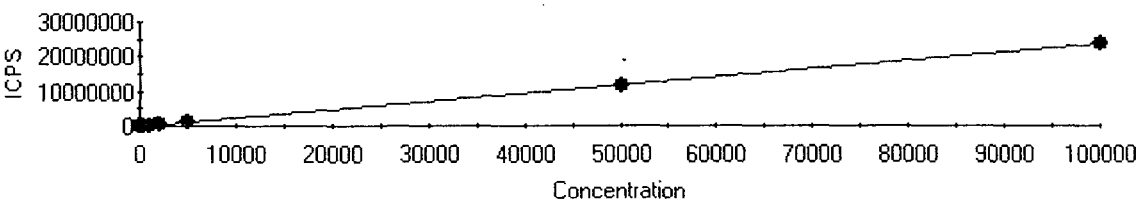
25Mg FQ Block 1



Intercept CPS=37.042098 Intercept Conc=0.178374
Sensitivity=207.665629 Correlation Coeff=0.999797

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	37.04	0.00
S50	50.000	43.693	6.307	9110.56	12.61
S200	200.000	170.402	29.598	35423.73	14.80
S500	500.000	431.776	68.224	89702.09	13.64
S1000	1000.000	911.819	88.181	189390.51	8.82
S2000	2000.000	1841.195	158.805	382389.91	7.94
S5000	5000.000	4647.231	352.769	965107.28	7.06
S50000	50000.000	48182.933	1817.067	10005976.04	3.63
S100000	100000.000	100930.634	930.634	20959860.55	0.93

26Mg FQ Block 1

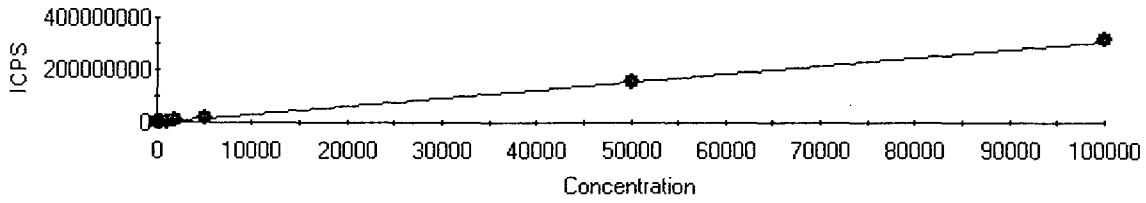


Intercept CPS=51.004258 Intercept Conc=0.217703
Sensitivity=234.283829 Correlation Coeff=0.999860

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	51.00	0.00
S50	50.000	43.979	6.021	10354.48	12.04
S200	200.000	172.031	27.969	40355.09	13.98

S500	500.000	436.287	63.713	102266.02	12.74
S1000	1000.000	923.242	76.758	216351.67	7.68
S2000	2000.000	1865.222	134.778	437042.39	6.74
S5000	5000.000	4671.966	328.034	1094617.20	6.56
S50000	50000.000	48493.648	1506.352	11361328.46	3.01
S100000	100000.000	100773.418	773.418	23609633.30	0.77

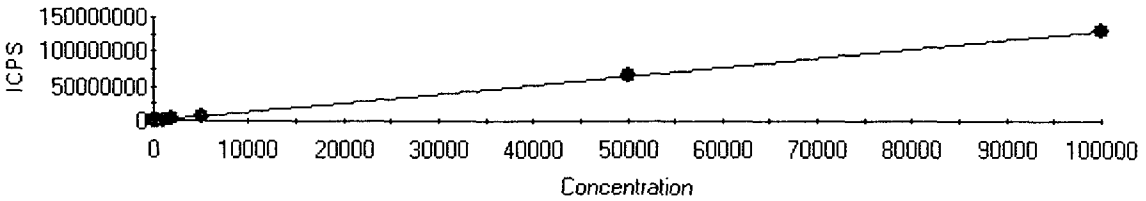
27Al FQ Block 1



Intercept CPS=12166.142383 Intercept Conc=3.914660
Sensitivity=3107.841077 Correlation Coeff=0.999969

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	12166.14	0.00
S10	10.000	7.992	2.008	37004.59	20.08
S50	50.000	45.820	4.180	154567.61	8.36
S200	200.000	190.169	9.831	603181.94	4.92
S500	500.000	489.141	10.859	1532338.93	2.17
S1000	1000.000	996.380	3.620	3108758.07	0.36
S2000	2000.000	1989.106	10.894	6193992.97	0.54
S5000	5000.000	4923.282	76.718	15312942.78	1.53
S50000	50000.000	49286.914	713.086	153188060.93	1.43
S100000	100000.000	100360.709	360.709	311917301.32	0.36

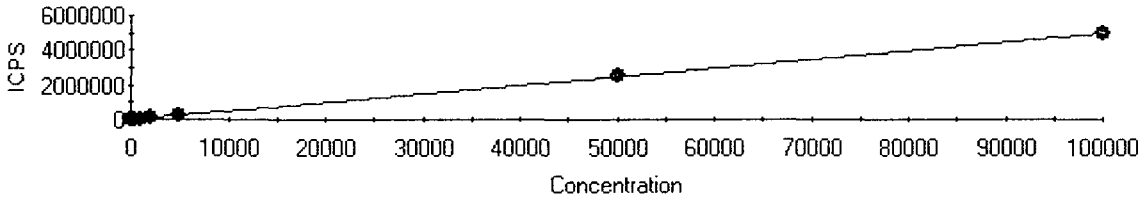
39K FQ Block 1



Intercept CPS=77816.782268 Intercept Conc=59.559606
Sensitivity=1306.536213 Correlation Coeff=0.999997

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	77816.78	0.00
S50	50.000	48.755	1.245	141516.42	2.49
S200	200.000	191.446	8.554	327947.69	4.28
S500	500.000	483.640	16.360	709709.65	3.27
S1000	1000.000	1002.486	2.486	1387601.51	0.25
S2000	2000.000	1997.759	2.241	2687960.97	0.11
S5000	5000.000	4975.514	24.486	6578506.41	0.49
S50000	50000.000	49781.125	218.875	65118659.26	0.44
S100000	100000.000	100110.781	110.781	130876177.85	0.11

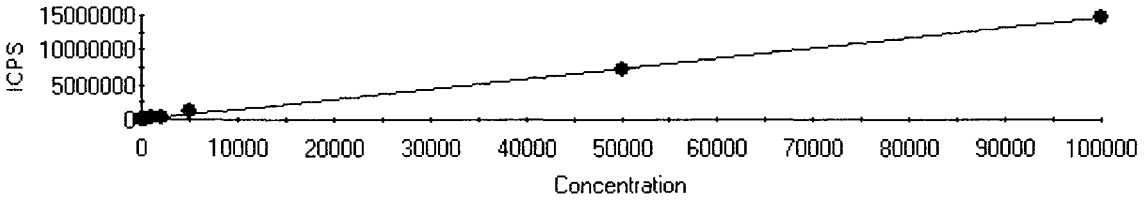
44Ca FQ Block 1



Intercept CPS=460.485863 Intercept Conc=9.206852
Sensitivity=50.015561 Correlation Coeff=0.999991

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	460.49	0.00
S50	50.000	43.128	6.872	2617.56	13.74
S200	200.000	173.133	26.867	9119.81	13.43
S500	500.000	435.054	64.946	22219.97	12.99
S1000	1000.000	888.783	111.217	44913.46	11.12
S2000	2000.000	1804.393	195.607	90708.20	9.78
S5000	5000.000	4524.230	475.770	226742.40	9.52
S50000	50000.000	50009.785	9.785	2501727.93	0.02
S100000	100000.000	100024.302	24.302	5003232.05	0.02

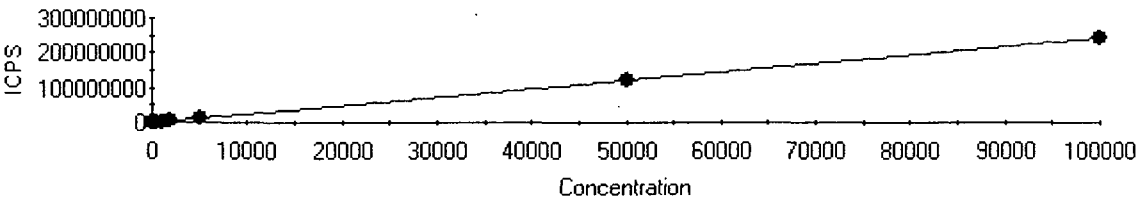
54Fe FQ Block 1



Intercept CPS=3459.016154 Intercept Conc=23.484841
Sensitivity=147.287187 Correlation Coeff=0.999810

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	-0.000	0.000	3459.02	0.00
S50	50.000	65.573	15.573	13117.02	31.15
S200	200.000	262.998	62.998	42195.24	31.50
S500	500.000	673.097	173.097	102597.55	34.62
S1000	1000.000	1394.121	394.121	208795.20	39.41
S2000	2000.000	2796.699	796.699	415376.91	39.83
S5000	5000.000	7112.106	2112.106	1050981.10	42.24
S50000	50000.000	49910.609	89.391	7354652.21	0.18
S100000	100000.000	99918.216	81.784	14720131.95	0.08

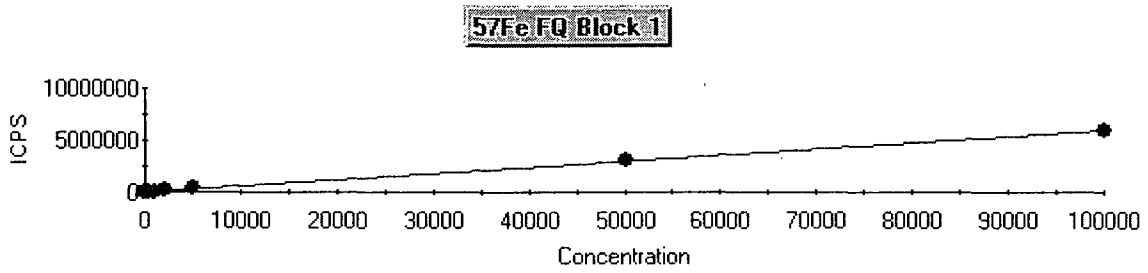
56Fe FQ Block 1



Intercept CPS=132496.953686 Intercept Conc=54.650147
Sensitivity=2424.457429 Correlation Coeff=0.999999

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	132496.95	0.00
S50	50.000	47.546	2.454	247771.23	4.91
S200	200.000	192.100	7.900	598235.01	3.95

S500	500.000	497.286	2.714	1338144.81	0.54
S1000	1000.000	1032.896	32.896	2636708.53	3.29
S2000	2000.000	2056.434	56.434	5118232.82	2.82
S5000	5000.000	5120.130	120.130	12546035.33	2.40
S50000	50000.000	50070.248	70.248	121525682.58	0.14
S100000	100000.000	99957.442	42.558	242475060.38	0.04



Intercept CPS=933.226459 Intercept Conc=15.669697
Sensitivity=59.556127 Correlation Coeff=0.999996

Label	Defined	Measured	Error	Mean CPS	% Error
S0	0.000	0.000	0.000	933.23	0.00
S50	50.000	46.859	3.141	3723.94	6.28
S200	200.000	184.914	15.086	11945.97	7.54
S500	500.000	474.057	25.943	29166.25	5.19
S1000	1000.000	974.981	25.019	58999.33	2.50
S2000	2000.000	1952.642	47.358	117225.03	2.37
S5000	5000.000	4898.045	101.955	292641.83	2.04
S50000	50000.000	50218.369	218.369	2991744.82	0.44
S100000	100000.000	99897.272	102.728	5950427.84	0.10

Dilution Corrected Concentrations

S0 09/14/2011 14:15:35

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:16:02	99.53%	-0.0077	0.0113	0.0061	0.1128	0.0189	0.0140
2	14:16:30	99.83%	0.0009	0.2782	0.0088	0.0153	-0.0675	0.0439
3	14:16:57	100.82%	0.0139	0.0126	-0.0059	0.0377	0.1015	0.0407
4	14:17:24	101.17%	-0.0014	-0.1543	-0.0172	-0.0356	-0.0489	-0.1540
5	14:17:51	98.65%	-0.0057	-0.1478	0.0083	-0.1301	-0.0040	0.0554
x		100.00%	-0.0000	0.0000	-0.0000	0.0000	-0.0000	0.0000
%RSD		1.01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Run	**Time**	**39K**	**44Ca**	**45Sc**	**47Ti**	**54Fe**	**56Fe**	**57Fe**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:16:02	-0.5509	-0.9251	98.95%	0.0150	0.7730	-0.2615	0.3531
2	14:16:30	0.2944	1.1816	99.07%	-0.0078	0.0807	0.3278	-0.3091
3	14:16:57	0.5090	0.5584	99.78%	-0.0005	-0.8241	-0.6239	1.0572
4	14:17:24	-0.2235	-0.0688	101.16%	-0.0009	-0.3495	-0.1667	-0.9731
5	14:17:51	-0.0290	-0.7461	101.04%	-0.0058	0.3199	0.7243	-0.1281
x		0.0000	-0.0000	100.00%	-0.0000	-0.0000	0.0000	0.0000
%RSD		0.0000	0.0000	1.05	0.0000	0.0000	0.0000	0.0000
Run	**Time**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:16:02	-2.0864	100.41%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:16:30	3.7492	100.43%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:16:57	3.0602	100.21%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:17:24	-0.2136	99.90%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:17:51	-4.5094	99.06%	0.0000	0.0000	0.0000	0.0000	0.0000
x		0.0000	100.00%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		0.0000	0.57	0.0000	0.0000	0.0000	0.0000	0.0000
Run	**Time**	**103Rh**	**108Mo O**	**115In**	**118Sn**	**159Tb**	**209Bi**	**220Bkg**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:16:02	100.30%	-0.0994	0.0000	0.0000	101.15%	100.36%	0.0000
2	14:16:30	100.42%	-0.1015	0.0000	0.0000	100.17%	100.40%	0.0000
3	14:16:57	99.72%	0.5665	0.0000	0.0000	100.60%	100.02%	0.0000
4	14:17:24	99.52%	0.2085	0.0000	0.0000	99.36%	99.79%	0.0000
5	14:17:51	100.04%	-0.5741	0.0000	0.0000	98.73%	99.43%	0.0000
x		100.00%	-0.0000	0.0000	0.0000	100.00%	100.00%	0.0000
%RSD		0.38	0.0000	0.0000	0.0000	0.97	0.40	0.0000

S 09/14/2011 14:18:37

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:19:05	98.17%	0.9871	-0.3073	0.0422	0.1414	0.0222	-1.9880
2	14:19:32	98.36%	1.0581	-0.2015	0.0505	0.0417	0.0207	-1.9987
3	14:19:59	98.45%	1.0114	-0.3012	0.0008	0.0655	-0.0880	-2.0149
4	14:20:26	100.31%	0.9683	-0.4343	0.0119	-0.0332	0.1041	-2.0192
5	14:20:54	99.18%	0.9353	-0.3438	0.0098	0.0647	0.0193	-1.9699
x		98.89%	0.9920	-0.3176	0.0230	0.0560	0.0156	-1.9982
%RSD		0.89	4.6600	26.4110	94.9950	111.5600	436.4600	1.0085
Run	**Time**	**39K**	**44Ca**	**45Sc**	**47Ti**	**54Fe**	**56Fe**	**57Fe**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:19:05	2.2637	-1.7352	97.59%	-0.0099	-0.1686	0.6707	1.8152
2	14:19:32	3.4517	-0.3901	98.61%	-0.0127	-0.3971	0.0994	2.5789
3	14:19:59	2.3372	-0.3211	98.98%	0.0150	1.3650	0.9705	1.6266
4	14:20:26	2.2214	-0.5025	98.69%	-0.0001	1.6551	0.4139	0.4317
5	14:20:54	2.1649	0.0303	98.96%	0.0175	0.3910	-0.3430	2.1635
x		2.4878	-0.5837	98.57%	0.0020	0.5691	0.3623	1.7232
%RSD		21.8060	115.4300	0.58	702.6400	160.1500	140.3600	46.8940
Run	**Time**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:19:05	-0.3827	97.12%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:19:32	-6.9355	97.18%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:19:59	1.8346	97.41%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:20:26	1.5126	98.24%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:20:54	10.2570	98.70%	0.0000	0.0000	0.0000	0.0000	0.0000
x		1.2571	97.73%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		489.0700	0.72	0.0000	0.0000	0.0000	0.0000	0.0000
Run	**Time**	**103Rh**	**108Mo O**	**115In**	**118Sn**	**159Tb**	**209Bi**	**220Bkg**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:19:05	97.12%	0.0078	0.0000	0.0000	96.46%	96.16%	0.0000
2	14:19:32	97.87%	-0.1411	0.0000	0.0000	96.13%	97.05%	0.0000
3	14:19:59	97.96%	-0.4864	0.0000	0.0000	97.17%	97.26%	0.0000
4	14:20:26	97.97%	-0.8049	0.0000	0.0000	96.90%	97.54%	0.0000
5	14:20:54	98.48%	-0.1007	0.0000	0.0000	97.77%	97.85%	0.0000
x		97.88%	-0.3051	0.0000	0.0000	96.89%	97.17%	0.0000
%RSD		0.50	109.8700	0.0000	0.0000	0.65	0.66	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:22:07	99.56%	9.5590	8.2086	8.8775	9.0312	9.2904	8.0388
2	14:22:35	99.35%	9.3567	8.1196	9.1320	8.8778	8.9296	8.0652
3	14:23:02	99.44%	9.8335	7.9944	9.1071	8.5509	8.2512	7.7035
4	14:23:30	99.29%	9.9335	8.3677	9.0808	8.3200	9.3176	8.2571
5	14:23:58	99.64%	9.9412	8.1904	9.1135	9.1374	9.9065	7.8963
x		99.45%	9.7248	8.1762	9.0622	8.7835	9.1391	7.9922
%RSD		0.14	2.6478	1.6654	1.1568	3.8793	6.6466	2.5813

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:22:07	11.1080	9.2980	100.22%	2.7191	12.7570	7.9536	12.2980
2	14:22:35	12.3110	6.8961	99.00%	2.8014	12.4050	10.8890	12.1240
3	14:23:02	12.1600	10.8000	99.17%	2.6386	12.0320	10.4350	10.2370
4	14:23:30	12.6980	7.7971	99.04%	2.8333	12.2280	9.9116	9.0676
5	14:23:58	11.7980	9.4479	99.39%	2.8590	12.0470	9.3626	12.1870
x		12.0150	8.8478	99.37%	2.7703	12.2940	9.7102	11.1830
%RSD		5.0007	17.2220	0.51	3.2680	2.4427	11.6970	13.0420

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:22:07	-0.3297	96.84%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:22:35	5.0920	97.25%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:23:02	-8.5536	96.55%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:23:30	0.4012	97.16%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:23:58	7.7141	97.09%	0.0000	0.0000	0.0000	0.0000	0.0000
x		0.8648	96.98%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		720.1300	0.29	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:22:07	97.53%	-0.1867	0.0000	0.0000	97.01%	96.85%	0.0000
2	14:22:35	97.74%	-0.1131	0.0000	0.0000	96.95%	97.21%	0.0000
3	14:23:02	97.21%	0.1850	0.0000	0.0000	96.39%	96.85%	0.0000
4	14:23:30	97.60%	0.0760	0.0000	0.0000	96.01%	96.78%	0.0000
5	14:23:58	97.49%	1.1214	0.0000	0.0000	96.43%	96.92%	0.0000
x		97.52%	0.2165	0.0000	0.0000	96.56%	96.92%	0.0000
%RSD		0.20	243.4000	0.0000	0.0000	0.44	0.17	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:25:11	97.37%	49.5850	41.5310	44.2090	42.8640	44.5120	46.0440
2	14:25:38	98.07%	49.8100	41.4120	45.0300	43.1440	43.3240	46.1280
3	14:26:05	98.86%	49.2830	41.1030	43.9840	42.7280	41.6220	44.9380
4	14:26:33	99.91%	48.4890	41.1770	44.7210	44.3670	46.0000	45.5840
5	14:27:00	98.40%	48.3670	40.9930	45.1840	45.3620	44.4350	46.4050
x		98.52%	49.1070	41.2430	44.6260	43.6930	43.9790	45.8200
%RSD		0.96	1.3210	0.5395	1.1590	2.5997	3.6951	1.2539

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:25:11	49.5970	41.0450	97.98%	13.5340	64.5710	46.9640	47.7940
2	14:25:38	48.5780	42.2080	98.68%	13.7240	65.4890	47.3890	46.0360
3	14:26:05	49.1750	45.1120	97.97%	13.7130	66.4510	48.7140	48.2930
4	14:26:33	48.4830	42.8110	98.54%	13.8660	65.7730	47.7750	49.9630
5	14:27:00	47.9390	44.4650	99.47%	13.0000	65.5780	46.8900	42.2060
x		48.7550	43.1280	98.53%	13.5670	65.5730	47.5460	46.8590
%RSD		1.3203	3.8467	0.63	2.4934	1.0291	1.5632	6.3029

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:25:11	3.7777	95.84%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:25:38	5.3285	96.23%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:26:05	4.6940	96.43%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:26:33	-1.7441	96.91%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:27:00	-10.4070	96.78%	0.0000	0.0000	0.0000	0.0000	0.0000
x		0.3298	96.44%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		2008.6000	0.45	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:25:11	96.29%	-2.5480	0.0000	0.0000	95.35%	95.78%	0.0000
2	14:25:38	96.94%	-0.8089	0.0000	0.0000	95.96%	96.01%	0.0000
3	14:26:05	96.35%	0.3663	0.0000	0.0000	95.41%	96.44%	0.0000
4	14:26:33	97.03%	0.0712	0.0000	0.0000	96.80%	96.90%	0.0000
5	14:27:00	97.47%	0.4904	0.0000	0.0000	97.62%	97.68%	0.0000
x		96.81%	-0.4858	0.0000	0.0000	96.23%	96.56%	0.0000
%RSD		0.51	259.2900	0.0000	0.0000	1.01	0.79	0.0000

S200 09/14/2011 14:27:47

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:28:13	98.02%	188.4600	163.0700	174.0300	173.0400	169.0700	189.3400
2	14:28:41	97.98%	189.3300	167.3100	177.0300	174.4500	171.2900	188.9000
3	14:29:08	97.22%	188.1800	165.6900	175.9900	167.7500	173.7600	190.4600
4	14:29:35	97.54%	188.1100	165.7400	174.9500	170.3000	173.8900	192.9200
5	14:30:02	99.49%	181.3400	164.4700	172.7200	166.4700	172.1400	189.2200
x		98.05%	187.0800	165.2500	174.9500	170.4000	172.0300	190.1700
%RSD		0.89	1.7348	0.9597	0.9566	1.9883	1.1550	0.8659

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:28:13	190.0300	175.4300	96.97%	53.3600	261.5300	190.1000	181.0700
2	14:28:41	190.4400	174.6300	96.73%	53.2810	261.4500	189.9200	185.7100
3	14:29:08	192.1800	174.5700	96.11%	54.2880	265.0300	193.3900	186.2500
4	14:29:35	193.4700	169.2400	96.52%	54.4040	267.5600	196.9600	187.9000
5	14:30:02	191.1000	171.7800	97.29%	52.9450	259.4200	190.1200	183.6400
x		191.4500	173.1300	96.72%	53.6560	263.0000	192.1000	184.9100
%RSD		0.7268	1.4886	0.46	1.2124	1.2364	1.6046	1.4247

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:28:13	1.4129	96.74%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:28:41	-7.1566	97.04%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:29:08	3.6557	95.83%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:29:35	3.2766	96.47%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:30:02	-5.1600	96.94%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-0.7943	96.61%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		631.9400	0.50	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:28:13	96.69%	-3.0735	0.0000	0.0000	97.83%	98.31%	0.0000
2	14:28:41	96.85%	-3.3418	0.0000	0.0000	98.13%	98.68%	0.0000
3	14:29:08	96.76%	-1.7069	0.0000	0.0000	98.08%	99.63%	0.0000
4	14:29:35	98.00%	-4.1672	0.0000	0.0000	98.99%	100.01%	0.0000
5	14:30:02	96.83%	-8.6320	0.0000	0.0000	98.86%	99.69%	0.0000
x		97.03%	-4.1843	0.0000	0.0000	98.38%	99.26%	0.0000
%RSD		0.56	63.0760	0.0000	0.0000	0.52	0.73	0.0000

S500 09/14/2011 14:30:49

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:31:17	97.58%	459.4200	T456.0500	433.7900	423.5100	426.6400	T484.8000
2	14:31:44	96.75%	470.8100	T453.4500	440.1400	429.1000	431.0600	T486.2600
3	14:32:11	95.18%	481.5100	T471.3300	446.2300	430.6600	435.6200	T495.3100
4	14:32:39	97.03%	469.1000	T460.1600	444.4500	433.7300	445.2200	T492.4400
5	14:33:07	96.05%	472.3200	T461.4800	441.6800	441.8900	442.9000	T486.8900
x		96.52%	470.6300	T460.4900	441.2600	431.7800	436.2900	T489.1400
%RSD		0.96	1.6774	T1.4877	1.0870	1.5663	1.7914	T0.9212
Run	**Time**	**39K**	**44Ca**	**45Sc**	**47Ti**	**54Fe**	**56Fe**	**57Fe**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:31:17	475.9000	437.8400	93.86%	134.9300	670.9900	500.1800	471.5600
2	14:31:44	482.0800	433.0000	94.55%	134.1300	671.8800	491.4500	470.3200
3	14:32:11	490.7200	432.9100	94.25%	136.8100	667.7100	499.1000	479.2100
4	14:32:39	485.4100	439.1000	94.01%	137.2200	686.2400	506.8000	486.5000
5	14:33:07	484.0900	432.4200	94.65%	134.8800	668.6600	488.9000	462.7000
x		483.6400	435.0500	94.26%	135.5900	673.1000	497.2900	474.0600
%RSD		1.1126	0.7263	0.36	0.9916	1.1196	1.4446	1.9182
Run	**Time**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:31:17	-10.0440	95.86%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:31:44	-1.2778	95.65%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:32:11	-0.5359	95.83%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:32:39	5.4548	95.60%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:33:07	-0.9523	94.87%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-1.4709	95.56%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		376.4300	0.42	0.0000	0.0000	0.0000	0.0000	0.0000
Run	**Time**	**103Rh**	**108Mo O**	**115In**	**118Sn**	**159Tb**	**209Bi**	**220Bkg**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:31:17	96.57%	-10.9030	0.0000	0.0000	98.02%	99.45%	0.0000
2	14:31:44	95.95%	-4.8146	0.0000	0.0000	98.02%	99.05%	-0.2123
3	14:32:11	96.37%	-3.7833	0.0000	0.0000	98.18%	99.77%	0.0000
4	14:32:39	96.26%	-4.7612	0.0000	0.0000	97.22%	98.73%	0.0000
5	14:33:07	95.92%	-4.8139	0.0000	0.0000	97.01%	97.89%	0.0000
x		96.22%	-5.8152	0.0000	0.0000	97.69%	98.98%	-0.0424
%RSD		0.29	49.4880	0.0000	0.0000	0.55	0.73	223.6100

S1000 09/14/2011 14:33:54

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:34:21	94.30%	993.9800	T 987.3800	T 976.6300	915.2300	909.7300	T 1000.3000
2	14:34:49	94.19%	999.2700	T 968.5700	T 975.8000	893.8200	911.3400	T 995.1600
3	14:35:17	93.40%	1019.5000	T 987.0400	T 972.4600	924.0300	938.4800	T 1007.4000
4	14:35:45	94.85%	1005.9000	T 976.9900	T 967.9100	918.8700	940.8500	T 1005.7000
5	14:36:12	95.42%	1011.4000	T 979.5900	T 972.7400	907.1400	915.8200	T 973.3900
x		94.43%	1006.0000	T 979.9200	T 973.1100	911.8200	923.2400	T 996.3800
%RSD		0.80	0.9953	T 0.7969	T 0.3529	1.2932	1.6438	T 1.3772

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:34:21	990.4900	883.1200	93.20%	0.0397	1386.4000	T 1016.4000	965.3900
2	14:34:49	T 1004.4000	896.3500	92.51%	0.0186	1396.2000	T 1030.5000	970.4400
3	14:35:17	T 1011.1000	874.3000	93.17%	0.0155	1381.9000	T 1029.4000	982.8800
4	14:35:45	T 1012.1000	912.1400	91.60%	0.0164	1434.1000	T 1068.0000	1009.4000
5	14:36:12	994.2700	878.0100	93.43%	0.0288	1371.9000	T 1020.3000	946.8000
x		T 1002.5000	888.7800	92.78%	0.0238	1394.1000	T 1032.9000	974.9800
%RSD		T 0.9753	1.7436	0.80	43.5100	1.7221	T 1.9849	2.3796

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:34:21	-6.4273	92.43%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:34:49	0.8594	91.64%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:35:17	3.8532	91.93%	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*
4	14:35:45	4.1563	91.25%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:36:12	-0.9402	90.70%	0.0000	0.0000	0.0000	0.0000	0.0000
x		0.3003	91.59%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		1438.2000	0.72	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:34:21	93.16%	4.5442	0.0000	0.0000	94.83%	95.66%	0.0000
2	14:34:49	92.89%	-3.4288	0.0000	0.0000	93.79%	95.22%	0.0000
3	14:35:17	92.59%	-4.0459	0.0000	0.0000	93.35%	94.96%	0.0000
4	14:35:45	92.45%	-2.6875	0.0000	0.0000	92.44%	94.26%	-0.2230
5	14:36:12	91.97%	-0.6830	0.0000	0.0000	92.55%	94.20%	0.0000
x		92.61%	-1.2602	0.0000	0.0000	93.39%	94.86%	-0.0446
%RSD		0.49	276.3800	0.0000	0.0000	1.05	0.66	223.6100

S2000 09/14/2011 14:36:59

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:37:27	93.99%	T 2040.1000	T 1935.0000	T 1945.6000	1842.3000	1859.9000	T 1995.4000
2	14:37:55	92.81%	T 2043.4000	T 1921.8000	T 1938.8000	1832.9000	1876.1000	T 2009.6000
3	14:38:22	92.23%	T 2113.6000	T 1982.4000	T 1953.8000	1903.2000	1889.0000	T 2014.5000
4	14:38:49	95.05%	T 2072.6000	T 1913.0000	T 1869.3000	1797.4000	1864.3000	T 1979.6000
5	14:39:16	93.05%	T 2045.0000	T 1967.4000	T 1915.5000	1830.1000	1836.9000	T 1946.4000
x		93.43%	T 2063.0000	T 1943.9000	T 1924.6000	1841.2000	1865.2000	T 1989.1000
%RSD		1.19	T 1.5104	T 1.5343	T 1.7686	2.0956	1.0440	T 1.3807
Run	**Time**	**39K**	**44Ca**	**45Sc**	**47Ti**	**54Fe**	**56Fe**	**57Fe**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:37:27	T 2013.6000	1806.4000	90.81%	0.0445	2794.4000	T 2071.2000	1966.4000
2	14:37:55	T 1971.7000	1791.0000	93.05%	0.0426	2746.7000	T 2030.0000	1927.9000
3	14:38:22	T 2018.2000	1852.2000	91.16%	0.0497	2835.4000	T 2066.0000	1963.7000
4	14:38:49	T 2004.4000	1817.3000	91.16%	0.0167	2834.7000	T 2079.0000	1977.6000
5	14:39:16	T 1980.9000	1755.0000	91.03%	0.0277	2772.3000	T 2035.9000	1927.7000
x		T 1997.8000	1804.4000	91.44%	0.0362	2796.7000	T 2056.4000	1952.6000
%RSD		T 1.0255	1.9726	1.00	37.6370	1.3897	T 1.0704	1.1924
Run	**Time**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:37:27	1.1041	87.87%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:37:55	-4.1952	88.61%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:38:22	5.8199	88.53%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:38:49	-7.2633	88.60%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:39:16	-5.8585	88.52%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-2.0786	88.43%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		261.4800	0.35	0.0000	0.0000	0.0000	0.0000	0.0000
Run	**Time**	**103Rh**	**108Mo O**	**115In**	**118Sn**	**159Tb**	**209Bi**	**220Bkg**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:37:27	89.92%	-1.9404	0.0000	0.0000	89.97%	90.48%	0.0000
2	14:37:55	89.43%	7.0125	0.0000	0.0000	89.85%	91.52%	-0.2297
3	14:38:22	90.05%	2.2756	0.0000	0.0000	90.27%	92.01%	0.0000
4	14:38:49	90.41%	-7.4466	0.0000	0.0000	90.91%	92.16%	0.0000
5	14:39:16	89.99%	17.6800	0.0000	0.0000	90.36%	92.03%	-0.2284
x		89.96%	3.5161	0.0000	0.0000	90.27%	91.64%	-0.0916
%RSD		0.39	271.4200	0.0000	0.0000	0.46	0.76	136.9300

S5000 09/14/2011 14:40:04

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:40:31	91.94%	TM 5058.1000	T 4773.1000	T 4789.6000	4613.9000	4723.9000	T 4981.1000
2	14:40:59	92.44%	T 4888.7000	T 4810.1000	T 4797.1000	4654.7000	4624.8000	T 4884.1000
3	14:41:26	92.82%	TM 5026.1000	T 4817.5000	T 4859.4000	4656.2000	4728.2000	T 4891.4000
4	14:41:53	94.00%	T 4973.1000	T 4938.8000	T 4893.8000	4677.8000	4694.5000	T 4989.4000
5	14:42:21	94.94%	T 4939.5000	T 4769.0000	T 4727.0000	4633.5000	4588.5000	T 4870.3000
x		93.23%	TM 4977.1000	T 4821.7000	T 4813.4000	4647.2000	4672.0000	T 4923.3000
%RSD		1.31	TM 1.3556	T 1.4293	T 1.3494	0.5232	1.3349	T 1.1614
Run	**Time**	**39K**	**44Ca**	**45Sc**	**47Ti**	**54Fe**	**56Fe**	**57Fe**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:40:31	T 4924.4000	4501.7000	88.40%	0.0325	7067.8000	T 5089.8000	4846.3000
2	14:40:59	T 4961.3000	4532.3000	89.01%	0.0714	7050.2000	T 5091.0000	4891.0000
3	14:41:26	T 4919.6000	4520.4000	89.02%	0.0207	7117.6000	T 5106.9000	4907.6000
4	14:41:53	T 5012.7000	4559.7000	88.64%	0.0521	7164.1000	T 5180.8000	4952.0000
5	14:42:21	T 5059.5000	4507.1000	89.67%	0.0734	7160.9000	T 5132.2000	4893.3000
x		T 4975.5000	4524.2000	88.95%	0.0500	7112.1000	T 5120.1000	4898.0000
%RSD		T 1.2051	0.5108	0.54	46.6410	0.7341	T 0.7419	0.7747
Run	**Time**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:40:31	-10.2290	86.46%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:40:59	-9.2514	86.76%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:41:26	-13.4760	87.14%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:41:53	-12.2720	86.74%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:42:21	-13.3240	87.28%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-11.7100	86.88%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		16.1330	0.38	0.0000	0.0000	0.0000	0.0000	0.0000
Run	**Time**	**103Rh**	**108Mo O**	**115In**	**118Sn**	**159Tb**	**209Bi**	**220Bkg**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:40:31	87.90%	-1.4328	0.0000	0.0000	87.27%	88.04%	0.0000
2	14:40:59	87.12%	-19.9560	0.0000	0.0000	87.34%	88.06%	-0.7162
3	14:41:26	86.82%	0.8791	0.0000	0.0000	87.13%	88.55%	-0.2374
4	14:41:53	87.35%	31.7390	0.0000	0.0000	87.31%	88.20%	-0.4767
5	14:42:21	87.57%	-7.7586	0.0000	0.0000	87.58%	88.83%	-0.2367
x		87.35%	0.6942	0.0000	0.0000	87.32%	88.34%	-0.3334
%RSD		0.47	2757.8000	0.0000	0.0000	0.19	0.39	81.7030

S50000 09/14/2011 14:43:08

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:43:36	84.24%	0.4129	↑48166.0000	↑47164.0000	↑47513.0000	↑47984.0000	↑48670.0000
2	14:44:03	83.95%	0.5478	↑48455.0000	↑48224.0000	↑47526.0000	↑47485.0000	↑48589.0000
3	14:44:31	82.65%	0.6204	↑48946.0000	↑48680.0000	↑48443.0000	↑49287.0000	↑50064.0000
4	14:44:58	82.93%	0.5180	↑49477.0000	↑49245.0000	↑49347.0000	↑48958.0000	↑49960.0000
5	14:45:26	82.22%	0.2948	↑49308.0000	↑48276.0000	↑48085.0000	↑48755.0000	↑49152.0000
x		83.20%	0.4788	↑48871.0000	↑48318.0000	↑48183.0000	↑48494.0000	↑49287.0000
%RSD		1.04	26.5310	↑1.1364	↑1.5799	↑1.5784	↑1.5259	↑1.4138

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:43:36	↑49190.0000	↑50479.0000	82.25%	0.0406	↑50151.0000	↑50447.0000	↑50259.0000
2	14:44:03	↑49528.0000	↑49675.0000	83.48%	0.0335	↑49755.0000	↑49735.0000	↑50110.0000
3	14:44:31	↑49976.0000	↑49987.0000	83.63%	0.0274	↑50263.0000	↑50506.0000	↑50751.0000
4	14:44:58	↑50184.0000	↑50177.0000	84.72%	0.0148	↑49827.0000	↑49920.0000	↑50015.0000
5	14:45:26	↑50028.0000	↑49730.0000	84.51%	0.0416	↑49558.0000	↑49743.0000	↑49957.0000
x		↑49781.0000	↑50010.0000	83.72%	0.0316	↑49911.0000	↑50070.0000	↑50218.0000
%RSD		↑0.8252	↑0.6628	1.17	34.9110	↑0.5821	↑0.7567	↑0.6353

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:43:36	-1.6627	79.45%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:44:03	-11.6190	80.15%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:44:31	-16.9340	80.56%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:44:58	-8.4298	81.19%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:45:26	-12.1570	81.58%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-10.1610	80.59%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		55.5010	1.05	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:43:36	80.20%	1.4015	0.0000	0.0000	81.49%	80.84%	0.0000
2	14:44:03	80.33%	1.2123	0.0000	0.0000	82.19%	81.10%	0.0000
3	14:44:31	80.16%	1.3216	0.0000	0.0000	82.56%	81.74%	0.0000
4	14:44:58	81.36%	0.9137	0.0000	0.0000	82.21%	81.70%	0.0000
5	14:45:26	81.28%	0.5735	0.0000	0.0000	82.86%	81.57%	0.0000
x		80.66%	1.0845	0.0000	0.0000	82.26%	81.39%	0.0000
%RSD		0.74	31.3830	0.0000	0.0000	0.63	0.49	0.0000

S100000 09/14/2011 14:46:13

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:46:40	77.02%	0.0755	T 98199.0000	T 97207.0000	T 98092.0000	T 97373.0000	T 99053.0000
2	14:47:07	75.58%	0.0421	TM 100470.0000	TM 100390.0000	TM 100490.0000	T 99836.0000	TM 100230.0000
3	14:47:35	75.61%	0.0408	TM 101240.0000	TM 101740.0000	TM 101930.0000	TM 100670.0000	TM 100040.0000
4	14:48:03	74.50%	0.0418	TM 102730.0000	TM 103940.0000	TM 102630.0000	TM 103550.0000	TM 101460.0000
5	14:48:30	76.27%	0.0229	TM 100250.0000	TM 100990.0000	TM 101510.0000	TM 102430.0000	TM 101020.0000
x		75.80%	0.0446	TM 100580.0000	TM 100850.0000	TM 100930.0000	TM 100770.0000	TM 100360.0000
%RSD		1.23	42.6470	TM 1.6364	TM 2.4208	TM 1.7495	TM 2.3759	TM 0.9277

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:46:40	T 98469.0000	T 98099.0000	81.64%	0.1121	T 98380.0000	T 98957.0000	T 98535.0000
2	14:47:07	TM 100250.0000	T 99667.0000	81.39%	0.0848	TM 100300.0000	T 99690.0000	T 99614.0000
3	14:47:35	T 99479.0000	TM 100630.0000	81.63%	0.0752	TM 100120.0000	T 99864.0000	TM 100460.0000
4	14:48:03	TM 101230.0000	TM 101530.0000	81.10%	0.0697	TM 101400.0000	TM 101190.0000	TM 101290.0000
5	14:48:30	TM 101120.0000	TM 100190.0000	81.84%	0.1056	T 99392.0000	TM 100080.0000	T 99581.0000
x		TM 100110.0000	TM 100020.0000	81.52%	0.0895	TM 99918.0000	TM 99957.0000	TM 99897.0000
%RSD		TM 1.1600	TM 1.2753	0.35	20.8210	TM 1.1224	TM 0.8099	TM 1.0385

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:46:40	-20.7530	75.87%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:47:07	-28.3040	75.97%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:47:35	-36.1300	75.72%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:48:03	-32.0380	75.64%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:48:30	-21.1070	76.45%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-27.6660	75.93%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		24.3800	0.42	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:46:40	75.84%	1.8242	0.0000	0.0000	75.56%	74.49%	0.0000
2	14:47:07	75.73%	1.1443	0.0000	0.0000	75.57%	74.28%	0.0000
3	14:47:35	76.69%	-0.4082	0.0000	0.0000	75.67%	74.47%	0.0000
4	14:48:03	76.35%	1.9487	0.0000	0.0000	75.58%	74.24%	0.0000
5	14:48:30	76.28%	0.9580	0.0000	0.0000	76.11%	74.67%	0.0000
x		76.18%	1.0934	0.0000	0.0000	75.70%	74.43%	0.0000
%RSD		0.52	86.0540	0.0000	0.0000	0.31	0.24	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:49:45	89.75%	104.5900	┬1970.2000	┬1225.1000	1155.5000	1133.3000	┬534.9700
2	14:50:13	89.50%	104.4000	┬1957.6000	┬1226.0000	1146.6000	1137.3000	┬532.7300
3	14:50:40	91.39%	102.2500	┬1940.1000	┬1203.6000	1129.1000	1140.3000	┬529.1500
4	14:51:07	91.78%	100.4700	┬1936.7000	┬1202.3000	1107.2000	1134.0000	┬525.9100
5	14:51:34	92.57%	100.1400	┬1916.4000	┬1184.5000	1127.6000	1123.6000	┬516.1100
x		91.00%	102.3700	┬1944.2000	┬1208.3000	1133.2000	1133.7000	┬527.7800
%RSD		1.46	2.0518	┬1.0609	┬1.4442	1.6498	0.5559	┬1.3979
Run	**Time**	**39K**	**44Ca**	**45Sc**	**47Ti**	**54Fe**	**56Fe**	**57Fe**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:49:45	┬1997.0000	1886.1000	96.13%	0.0166	1007.2000	┬1040.7000	983.5500
2	14:50:13	┬1975.3000	1898.2000	96.84%	-0.0097	997.9800	┬1032.9000	956.1200
3	14:50:40	┬1992.8000	1897.9000	97.39%	0.0108	992.4400	┬1032.1000	969.5300
4	14:51:07	┬2004.7000	1886.8000	96.92%	0.0007	1000.0000	┬1030.8000	951.7900
5	14:51:34	┬1978.4000	1896.2000	97.58%	0.0158	977.1200	┬1009.8000	945.8800
x		┬1989.6000	1893.0000	96.97%	0.0069	994.9600	┬1029.3000	961.3700
%RSD		┬0.6276	0.3210	0.58	163.7400	1.1354	┬1.1189	1.5754
Run	**Time**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:49:45	2.7923	90.70%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:50:13	-8.9566	92.37%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:50:40	-3.3907	92.28%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:51:07	10.0980	92.99%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:51:34	2.1953	93.81%	0.0000	0.0000	0.0000	0.0000	0.0000
x		0.5477	92.43%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		1306.5000	1.24	0.0000	0.0000	0.0000	0.0000	0.0000
Run	**Time**	**103Rh**	**108Mo O**	**115In**	**118Sn**	**159Tb**	**209Bi**	**220Bkg**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:49:45	90.97%	-2.4148	0.0000	0.0000	89.64%	90.37%	0.0000
2	14:50:13	91.62%	-1.7111	0.0000	0.0000	90.34%	90.91%	0.0000
3	14:50:40	92.31%	-3.6942	0.0000	0.0000	90.39%	91.74%	0.0000
4	14:51:07	92.53%	-4.0023	0.0000	0.0000	91.14%	91.67%	0.0000
5	14:51:34	93.09%	-1.3650	0.0000	0.0000	91.43%	93.29%	0.0000
x		92.11%	-2.6375	0.0000	0.0000	90.59%	91.59%	0.0000
%RSD		0.89	44.4850	0.0000	0.0000	0.78	1.21	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:52:49	94.39%	0.0293	8.2506	0.6939	0.5708	0.7330	-1.4198
2	14:53:16	94.30%	0.0102	6.4703	0.6412	0.8716	0.4463	-1.4052
3	14:53:44	94.63%	0.0101	5.3079	0.5495	0.5457	0.5783	-1.4460
4	14:54:11	95.65%	0.0058	4.4017	0.4429	0.4370	0.2835	-1.6577
5	14:54:39	96.43%	0.0124	4.0141	0.3699	0.4334	0.2807	-1.7600
x		95.08%	0.0136	5.6889	0.5395	0.5717	0.4643	-1.5377
%RSD		0.97	67.2270	30.1660	24.9360	31.2770	41.9690	10.4710

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:52:49	5.1066	-0.3315	98.66%	0.0127	1.1697	1.4464	3.2488
2	14:53:16	5.8379	-1.1828	98.53%	0.0077	0.7488	2.5663	5.1358
3	14:53:44	5.6657	-2.0895	98.40%	-0.0024	0.8870	3.0730	4.1454
4	14:54:11	5.5216	-0.6198	100.22%	0.0020	1.3372	3.4804	4.3150
5	14:54:39	4.1404	-2.1907	100.54%	-0.0006	1.2580	2.9581	3.6878
x		5.2544	-1.2828	99.27%	0.0039	1.0801	2.7048	4.1066
%RSD		12.9220	65.5640	1.03	162.3600	23.2760	28.6620	17.2850

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:52:49	12.0080	94.20%	0.0000	0.0000	0.0000	0.0000	0.0000
2	14:53:16	0.6161	94.72%	0.0000	0.0000	0.0000	0.0000	0.0000
3	14:53:44	-2.0384	94.88%	0.0000	0.0000	0.0000	0.0000	0.0000
4	14:54:11	13.9250	95.62%	0.0000	0.0000	0.0000	0.0000	0.0000
5	14:54:39	-4.6033	96.22%	0.0000	0.0000	0.0000	0.0000	0.0000
x		3.9815	95.13%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		211.8400	0.84	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:52:49	94.08%	2.0136	0.0000	0.0000	91.86%	92.61%	0.0000
2	14:53:16	93.93%	2.4493	0.0000	0.0000	92.05%	92.78%	0.0000
3	14:53:44	94.75%	2.9193	0.0000	0.0000	92.01%	93.41%	0.0000
4	14:54:11	96.36%	1.2069	0.0000	0.0000	93.12%	93.79%	0.0000
5	14:54:39	95.97%	0.3058	0.0000	0.0000	92.78%	94.11%	0.0000
x		95.02%	1.7790	0.0000	0.0000	92.36%	93.34%	0.0000
%RSD		1.16	58.2970	0.0000	0.0000	0.60	0.69	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:55:54	77.19%	0.2719	T 98342.0000	T 94745.0000	T 95394.0000	T 96417.0000	TM 100880.0000
2	14:56:21	77.66%	0.2751	T 98446.0000	T 94138.0000	T 93656.0000	T 94585.0000	TM 100380.0000
3	14:56:48	77.49%	0.2290	T 98725.0000	T 93548.0000	T 93771.0000	T 95358.0000	TM 102580.0000
4	14:57:15	79.12%	0.2627	T 97463.0000	T 93420.0000	T 93501.0000	T 94836.0000	TM 101950.0000
5	14:57:42	77.69%	0.3027	T 96698.0000	T 93069.0000	T 93367.0000	T 93208.0000	TM 100800.0000
x		77.83%	0.2683	T 97935.0000	T 93784.0000	T 93938.0000	T 94881.0000	TM 101320.0000
%RSD		0.96	9.8861	T 0.8551	T 0.7052	T 0.8816	T 1.2333	TM 0.9007

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:55:54	TM 103160.0000	TM 103090.0000	81.43%	634.6400	TM 102230.0000	TM 102060.0000	TM 103170.0000
2	14:56:21	TM 103790.0000	TM 102530.0000	81.41%	630.3100	TM 102120.0000	TM 103050.0000	TM 104190.0000
3	14:56:48	TM 104840.0000	TM 101600.0000	81.99%	635.5300	TM 103230.0000	TM 102420.0000	TM 103170.0000
4	14:57:15	TM 105760.0000	TM 102810.0000	81.63%	624.1800	TM 102950.0000	TM 104070.0000	TM 104010.0000
5	14:57:42	TM 105220.0000	TM 102050.0000	82.68%	618.4900	TM 101590.0000	TM 103150.0000	TM 103790.0000
x		TM 104550.0000	TM 102420.0000	81.83%	628.6300	TM 102420.0000	TM 102950.0000	TM 103660.0000
%RSD		TM 1.0143	TM 0.5840	0.65	1.1505	TM 0.6465	TM 0.7465	TM 0.4562

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:55:54	-39.0520	80.36%	0.0000	0.0000	0.0000	0.0000	T 0.0000
2	14:56:21	-34.8790	81.40%	0.0000	0.0000	0.0000	0.0000	T 0.0000
3	14:56:48	-31.6840	82.24%	0.0000	0.0000	0.0000	0.0000	T 0.0000
4	14:57:15	-36.6490	82.90%	0.0000	0.0000	0.0000	0.0000	T 0.0000
5	14:57:42	-36.5790	83.68%	0.0000	0.0000	0.0000	0.0000	T 0.0000
x		-35.7680	82.11%	0.0000	0.0000	0.0000	0.0000	T 0.0000
%RSD		7.6161	1.57	0.0000	0.0000	0.0000	0.0000	T 0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:55:54	80.53%	-23.1050	0.0000	0.0000	83.27%	80.65%	0.0000
2	14:56:21	82.05%	-23.0030	0.0000	0.0000	85.17%	82.42%	-0.2551
3	14:56:48	82.61%	-24.6130	0.0000	0.0000	87.30%	84.28%	0.0000
4	14:57:15	83.68%	-21.0710	0.0000	0.0000	88.10%	84.96%	0.0000
5	14:57:42	84.56%	-21.8160	0.0000	0.0000	89.15%	85.63%	0.0000
x		82.69%	-22.7220	0.0000	0.0000	86.60%	83.59%	-0.0510
%RSD		1.87	5.9660	0.0000	0.0000	2.73	2.43	223.6100

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:58:57	79.39%	18.3590	T 97597.0000	T 94383.0000	T 94086.0000	T 94056.0000	TM 102070.0000
2	14:59:25	80.89%	16.9990	T 95545.0000	T 91183.0000	T 91157.0000	T 92948.0000	T 98315.0000
3	14:59:52	80.11%	17.5280	T 96297.0000	T 90408.0000	T 91975.0000	T 93475.0000	T 99873.0000
4	15:00:20	78.87%	18.2060	T 98014.0000	T 93554.0000	T 93015.0000	T 93711.0000	TM 100820.0000
5	15:00:47	78.90%	18.3110	T 98558.0000	T 94222.0000	T 95372.0000	T 94590.0000	TM 100590.0000
x		79.63%	17.8810	T 97202.0000	T 92750.0000	T 93121.0000	T 93756.0000	TM 100330.0000
%RSD		1.09	3.3334	T 1.2829	T 1.9748	T 1.7951	T 0.6574	TM 1.3735
Run	**Time**	**39K**	**44Ca**	**45Sc**	**47Ti**	**54Fe**	**56Fe**	**57Fe**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:58:57	TM 104910.0000	TM 100750.0000	82.73%	613.1500	TM 103170.0000	TM 103870.0000	TM 103730.0000
2	14:59:25	TM 104910.0000	TM 102060.0000	83.03%	623.0300	TM 101650.0000	TM 103190.0000	TM 102480.0000
3	14:59:52	TM 104680.0000	TM 101730.0000	82.96%	620.8700	TM 102710.0000	TM 103480.0000	TM 103880.0000
4	15:00:20	TM 105830.0000	TM 102890.0000	83.19%	626.9600	TM 103400.0000	TM 104100.0000	TM 103530.0000
5	15:00:47	TM 106190.0000	TM 104560.0000	82.80%	628.6300	TM 102900.0000	TM 103360.0000	TM 104430.0000
x		TM 105300.0000	TM 102400.0000	82.94%	622.5300	TM 102770.0000	TM 103600.0000	TM 103610.0000
%RSD		TM 0.6314	TM 1.3979	0.22	0.9767	TM 0.6569	TM 0.3626	TM 0.6877
Run	**Time**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:58:57	-23.8220	84.12%	0.0000	0.0000	0.0000	0.0000	T 0.0000
2	14:59:25	-29.3550	84.86%	0.0000	0.0000	0.0000	0.0000	T 0.0000
3	14:59:52	-17.0830	84.90%	0.0000	0.0000	0.0000	0.0000	T 0.0000
4	15:00:20	-25.3940	86.01%	0.0000	0.0000	0.0000	0.0000	T 0.0000
5	15:00:47	-38.3280	85.14%	0.0000	0.0000	0.0000	0.0000	T 0.0000
x		-26.7960	85.01%	0.0000	0.0000	0.0000	0.0000	T 0.0000
%RSD		29.1880	0.80	0.0000	0.0000	0.0000	0.0000	T 0.0000
Run	**Time**	**103Rh**	**108Mo O**	**115In**	**118Sn**	**159Tb**	**209Bi**	**220Bkg**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	14:58:57	84.51%	-24.3360	0.0000	0.0000	89.42%	85.79%	0.0000
2	14:59:25	85.19%	-23.0200	0.0000	0.0000	90.72%	86.24%	0.0000
3	14:59:52	85.48%	-23.1760	0.0000	0.0000	90.39%	86.40%	0.0000
4	15:00:20	85.43%	-20.5260	0.0000	0.0000	90.63%	87.00%	0.0000
5	15:00:47	86.05%	-21.2580	0.0000	0.0000	90.96%	87.39%	0.0000
x		85.33%	-22.4630	0.0000	0.0000	90.43%	86.56%	0.0000
%RSD		0.65	6.8715	0.0000	0.0000	0.66	0.73	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:02:02	82.91%	0.1610	┬49073.0000	┬47464.0000	┬47713.0000	┬48089.0000	┬51668.0000
2	15:02:29	83.22%	0.1729	┬49752.0000	┬47946.0000	┬48120.0000	┬48884.0000	┬52080.0000
3	15:02:57	83.58%	0.1891	┬49255.0000	┬46923.0000	┬47660.0000	┬48185.0000	┬51495.0000
4	15:03:24	84.42%	0.1918	┬48961.0000	┬47029.0000	┬47752.0000	┬47906.0000	┬51458.0000
5	15:03:52	84.63%	0.1889	┬48547.0000	┬47174.0000	┬47138.0000	┬47517.0000	┬51138.0000
x		83.75%	0.1807	┬49117.0000	┬47307.0000	┬47677.0000	┬48116.0000	┬51568.0000
%RSD		0.89	7.3751	┬0.8955	┬0.8690	┬0.7376	┬1.0383	┬0.6673

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:02:02	┬53161.0000	┬51686.0000	88.64%	311.7200	┬51749.0000	┬52146.0000	┬52589.0000
2	15:02:29	┬53465.0000	┬51524.0000	88.57%	310.3400	┬51604.0000	┬52319.0000	┬53033.0000
3	15:02:57	┬53094.0000	┬51575.0000	88.68%	313.6600	┬51942.0000	┬52423.0000	┬53115.0000
4	15:03:24	┬53038.0000	┬51335.0000	87.78%	320.5100	┬53431.0000	┬53727.0000	┬53756.0000
5	15:03:52	┬53247.0000	┬51116.0000	88.76%	313.2400	┬52183.0000	┬52670.0000	┬52905.0000
x		┬53201.0000	┬51447.0000	88.49%	313.9000	┬52182.0000	┬52657.0000	┬53080.0000
%RSD		┬0.3135	┬0.4361	0.45	1.2504	┬1.4013	┬1.1915	┬0.8062

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:02:02	-19.5080	90.27%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:02:29	-2.2900	91.62%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:02:57	-8.2239	91.15%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:03:24	-12.2710	91.69%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:03:52	-15.6810	91.76%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-11.5950	91.30%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		57.4860	0.68	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:02:02	91.75%	-12.3390	0.0000	0.0000	96.26%	93.26%	0.0000
2	15:02:29	91.96%	-13.5940	0.0000	0.0000	97.20%	94.43%	0.0000
3	15:02:57	91.58%	-12.9260	0.0000	0.0000	97.25%	94.63%	0.0000
4	15:03:24	91.43%	-12.4910	0.0000	0.0000	97.28%	94.59%	0.0000
5	15:03:52	91.94%	-14.3650	0.0000	0.0000	98.27%	95.50%	0.0000
x		91.73%	-13.1430	0.0000	0.0000	97.25%	94.48%	0.0000
%RSD		0.25	6.3826	0.0000	0.0000	0.73	0.85	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:05:06	84.37%	9.1564	T49240.0000	T47196.0000	T46590.0000	T46972.0000	T50741.0000
2	15:05:33	85.36%	9.3308	T47264.0000	T45424.0000	T46294.0000	T47245.0000	T50434.0000
3	15:06:00	85.72%	9.3818	T49241.0000	T47288.0000	T47255.0000	T48189.0000	T51076.0000
4	15:06:27	84.25%	9.1498	T49358.0000	T47597.0000	T48147.0000	T47838.0000	T50901.0000
5	15:06:54	85.02%	9.3963	T49164.0000	T47173.0000	T47022.0000	T47654.0000	T50868.0000
x		84.95%	9.2830	T48853.0000	T46936.0000	T47062.0000	T47580.0000	T50804.0000
%RSD		0.74	1.3043	T1.8245	T1.8359	T1.5127	T1.0108	T0.4709

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:05:06	T52266.0000	T51059.0000	88.70%	310.5900	T51939.0000	T52487.0000	T52423.0000
2	15:05:33	T52431.0000	T51129.0000	89.13%	309.5100	T51536.0000	T51621.0000	T52690.0000
3	15:06:00	T53251.0000	T51996.0000	88.93%	311.2600	T52545.0000	T52595.0000	T53190.0000
4	15:06:27	T53337.0000	T52565.0000	89.21%	313.6300	T52115.0000	T52375.0000	T53228.0000
5	15:06:54	T54240.0000	T52549.0000	88.59%	309.2000	T52261.0000	T52496.0000	T53289.0000
x		T53105.0000	T51860.0000	88.91%	310.8400	T52079.0000	T52315.0000	T52964.0000
%RSD		T1.4954	T1.4190	0.30	0.5685	T0.7230	T0.7567	T0.7278

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:05:06	6.2045	91.52%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:05:33	-25.2150	91.26%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:06:00	-0.6444	92.03%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:06:27	-18.0490	92.42%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:06:54	-15.4550	92.16%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-10.6320	91.88%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		122.1100	0.52	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:05:06	92.18%	-11.8880	0.0000	0.0000	97.33%	94.90%	0.0000
2	15:05:33	92.01%	-10.4380	0.0000	0.0000	98.03%	95.26%	0.0000
3	15:06:00	91.91%	-11.9900	0.0000	0.0000	98.03%	95.08%	0.0000
4	15:06:27	92.48%	-11.9720	0.0000	0.0000	98.02%	95.21%	0.0000
5	15:06:54	92.39%	-10.7000	0.0000	0.0000	98.16%	95.07%	0.0000
x		92.19%	-11.3980	0.0000	0.0000	97.92%	95.11%	0.0000
%RSD		0.27	6.6929	0.0000	0.0000	0.34	0.15	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:08:09	85.63%	┬2412.4000	┬48332.0000	┬46708.0000	┬46796.0000	┬46626.0000	┬50224.0000
2	15:08:37	85.96%	┬2411.4000	┬47426.0000	┬46142.0000	┬46130.0000	┬46574.0000	┬50041.0000
3	15:09:04	84.33%	┬2469.6000	┬48651.0000	┬47471.0000	┬48113.0000	┬47480.0000	┬50558.0000
4	15:09:32	84.83%	┬2461.3000	┬48212.0000	┬47053.0000	┬47424.0000	┬47572.0000	┬50632.0000
5	15:09:59	84.91%	┬2517.5000	┬47941.0000	┬46378.0000	┬46627.0000	┬47369.0000	┬50252.0000
x		85.13%	┬2454.4000	┬48112.0000	┬46750.0000	┬47018.0000	┬47124.0000	┬50341.0000
%RSD		0.77	┬1.8075	┬0.9579	┬1.1326	┬1.6313	┬1.0274	┬0.4901

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:08:09	┬50542.0000	┬49007.0000	88.65%	0.1422	┬51983.0000	┬51240.0000	┬51781.0000
2	15:08:37	┬49618.0000	┬48566.0000	89.59%	0.1796	┬51271.0000	┬51137.0000	┬51162.0000
3	15:09:04	┬50271.0000	┬49683.0000	89.06%	0.0965	┬50800.0000	┬50333.0000	┬50427.0000
4	15:09:32	┬49460.0000	┬49062.0000	89.10%	0.1133	┬51953.0000	┬50675.0000	┬50864.0000
5	15:09:59	┬50356.0000	┬49177.0000	87.89%	0.1268	┬51319.0000	┬50932.0000	┬50923.0000
x		┬50050.0000	┬49099.0000	88.86%	0.1317	┬51465.0000	┬50863.0000	┬51031.0000
%RSD		┬0.9576	┬0.8156	0.71	24.0280	┬0.9756	┬0.7212	┬0.9715

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:08:09	-20.0080	89.53%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:08:37	-13.7690	88.92%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:09:04	-21.1460	88.86%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:09:32	-23.4120	88.74%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:09:59	-14.6880	87.73%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-18.6040	88.76%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		22.5270	0.73	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:08:09	89.35%	4.1220	0.0000	0.0000	92.32%	90.74%	-0.2317
2	15:08:37	89.24%	5.9011	0.0000	0.0000	91.87%	90.20%	-0.2331
3	15:09:04	89.38%	8.6288	0.0000	0.0000	91.46%	89.64%	-0.2345
4	15:09:32	88.94%	12.8950	0.0000	0.0000	91.50%	89.35%	-0.2353
5	15:09:59	88.26%	-6.6699	0.0000	0.0000	90.41%	89.03%	-0.9445
x		89.03%	4.9754	0.0000	0.0000	91.51%	89.79%	-0.3758
%RSD		0.52	146.7600	0.0000	0.0000	0.77	0.76	84.5950

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:11:16	93.69%	0.1137	20.0720	1.0525	0.8253	1.2483	-1.0193
2	15:11:44	96.38%	0.1319	16.3410	1.4431	1.4799	1.5803	-0.3148
3	15:12:11	98.86%	0.1587	13.5020	2.0287	1.9435	1.7903	-0.0686
4	15:12:38	99.58%	0.1480	11.4340	1.9335	2.5173	1.9365	0.2454
5	15:13:05	99.10%	0.1045	9.8989	1.7967	1.5233	1.6929	-0.1973
x		97.52%	0.1314	14.2500	1.6509	1.6579	1.6497	-0.2709
%RSD		2.54	17.2820	28.4400	24.3260	37.7080	15.7440	172.6200

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:11:16	23.6290	0.3965	98.48%	-0.0000	0.0557	0.5593	1.3090
2	15:11:44	20.6560	0.9718	98.25%	0.0128	1.2495	2.8262	3.3269
3	15:12:11	17.4430	2.6829	100.93%	0.0115	2.5933	3.4807	2.6284
4	15:12:38	14.8970	1.1847	100.53%	0.0017	2.6029	4.1964	3.2408
5	15:13:05	13.9350	1.0482	101.93%	0.0086	2.3619	3.2410	2.2608
x		18.1120	1.2568	100.02%	0.0069	1.7727	2.8607	2.5532
%RSD		22.2810	67.7910	1.60	83.2720	62.6380	48.2170	32.2420

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:11:16	10.0650	100.10%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:11:44	-6.1469	100.15%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:12:11	8.2234	101.78%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:12:38	1.3687	102.22%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:13:05	3.7797	101.66%	0.0000	0.0000	0.0000	0.0000	0.0000
x		3.4579	101.18%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		184.6500	0.98	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:11:16	99.68%	0.5420	0.0000	0.0000	101.00%	101.80%	0.0000
2	15:11:44	99.76%	0.8801	0.0000	0.0000	101.92%	102.69%	0.0000
3	15:12:11	101.26%	0.3936	0.0000	0.0000	102.91%	103.45%	0.0000
4	15:12:38	102.13%	0.2260	0.0000	0.0000	103.04%	103.63%	0.0000
5	15:13:05	102.51%	0.4639	0.0000	0.0000	104.02%	103.90%	0.0000
x		101.07%	0.5011	0.0000	0.0000	102.58%	103.09%	0.0000
%RSD		1.30	48.2620	0.0000	0.0000	1.12	0.83	0.0000

PBW 09/14/2011 15:13:54

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:14:21	99.74%	0.0516	9.8148	0.7808	0.7711	0.6674	-0.3981
2	15:14:49	100.61%	0.0215	8.7091	0.7771	0.8613	0.7258	-0.4490
3	15:15:17	100.11%	0.0341	8.2595	0.6848	0.6693	0.7917	-0.5698
4	15:15:44	98.56%	0.0388	7.9884	0.5871	0.6268	0.5825	-0.5569
5	15:16:11	99.97%	0.0351	7.2161	0.6785	0.5726	0.5126	-0.5234
x		99.80%	0.0362	8.3976	0.7016	0.7002	0.6560	-0.4994
%RSD		0.77	29.6810	11.4340	11.4710	16.5300	16.9390	14.7240

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:14:21	13.3860	4.0399	98.04%	0.0308	3.3380	1.7473	-1.2620
2	15:14:49	10.7280	4.4810	98.53%	0.0279	3.7304	1.9697	0.3263
3	15:15:17	11.7620	5.1198	98.68%	0.0050	1.8736	2.4642	0.2482
4	15:15:44	10.2700	6.5256	98.81%	0.0201	3.2879	1.9109	1.4539
5	15:16:11	10.9970	5.5097	98.79%	0.0303	3.0877	2.2615	-0.0064
x		11.4290	5.1352	98.57%	0.0228	3.0635	2.0707	0.1520
%RSD		10.6820	18.7320	0.32	47.5450	23.0050	13.9050	637.8300

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:14:21	3.2372	99.33%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:14:49	4.8227	99.95%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:15:17	-4.5549	100.70%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:15:44	8.3383	100.65%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:16:11	4.8550	99.99%	0.0000	0.0000	0.0000	0.0000	0.0000
x		3.3397	100.13%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		143.4600	0.57	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:14:21	100.44%	0.1238	0.0000	0.0000	101.37%	101.37%	0.0000
2	15:14:49	100.24%	1.4719	0.0000	0.0000	101.90%	102.21%	0.0000
3	15:15:17	99.81%	-1.0522	0.0000	0.0000	102.31%	102.60%	-0.2049
4	15:15:44	101.06%	-0.4765	0.0000	0.0000	102.37%	102.67%	0.0000
5	15:16:11	100.49%	0.0890	0.0000	0.0000	103.00%	102.97%	0.0000
x		100.41%	0.0312	0.0000	0.0000	102.19%	102.36%	-0.0410
%RSD		0.45	3006.3000	0.0000	0.0000	0.59	0.60	223.6100

LCS 09/14/2011 15:17:00

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:17:28	100.94%	1.9897	T960.2400	T959.8700	869.7700	853.7300	36.7480
2	15:17:55	100.47%	1.8083	T950.5200	T929.2100	845.8000	852.0500	36.0220
3	15:18:22	101.06%	1.9041	T959.7900	T946.1300	876.9600	874.3900	36.6440
4	15:18:50	103.46%	1.8495	T949.0300	T920.9900	870.7100	857.6100	36.5910
5	15:19:17	101.22%	1.8621	T950.6100	T934.4000	842.1100	859.8400	36.4450
x		101.43%	1.8827	T954.0400	T938.1200	861.0700	859.5200	36.4900
%RSD		1.15	3.6572	T0.5758	T1.6200	1.8488	1.0311	0.7774

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:17:28	T1064.5000	878.9400	98.21%	0.0154	384.3500	401.2800	384.8900
2	15:17:55	T1037.4000	887.9300	99.53%	0.0223	382.6900	399.5200	380.0700
3	15:18:22	T1069.5000	882.7400	99.00%	0.0048	386.4400	401.9100	385.6800
4	15:18:50	T1038.6000	873.3600	100.54%	0.0267	376.6700	397.0100	374.0400
5	15:19:17	T1072.8000	885.4900	98.70%	0.0404	382.3700	397.1200	372.5300
x		T1056.6000	881.6900	99.20%	0.0219	382.5000	399.3700	379.4400
%RSD		T1.6287	0.6500	0.90	60.3700	0.9520	0.5700	1.5918

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:17:28	-0.3033	100.17%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:17:55	5.5979	100.12%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:18:22	-9.4783	101.11%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:18:50	5.3607	101.02%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:19:17	6.6141	101.24%	0.0000	0.0000	0.0000	0.0000	0.0000
x		1.5582	100.73%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		432.4200	0.54	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:17:28	100.35%	0.5509	0.0000	0.0000	101.64%	102.12%	0.0000
2	15:17:55	101.25%	-1.3105	0.0000	0.0000	102.53%	102.91%	0.0000
3	15:18:22	101.28%	-0.2783	0.0000	0.0000	103.15%	103.25%	0.0000
4	15:18:50	101.23%	0.4078	0.0000	0.0000	103.06%	103.69%	0.0000
5	15:19:17	101.24%	0.2513	0.0000	0.0000	103.37%	103.44%	0.0000
x		101.07%	-0.0758	0.0000	0.0000	102.75%	103.08%	0.0000
%RSD		0.40	1000.4000	0.0000	0.0000	0.67	0.59	0.0000

MF4T31 09/14/2011 15:20:06

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:20:33	86.57%	0.0220	TM 249440.0000	T 52646.0000	T 52711.0000	T 53922.0000	1.5794
2	15:21:00	85.97%	0.0223	TM 253880.0000	T 53497.0000	T 54125.0000	T 53899.0000	1.8033
3	15:21:28	84.37%	0.0603	TM 253400.0000	T 54567.0000	T 53497.0000	T 54777.0000	2.2833
4	15:21:55	84.83%	0.0464	TM 248090.0000	T 53155.0000	T 52694.0000	T 53554.0000	1.9877
5	15:22:23	85.21%	0.0205	TM 247860.0000	T 51760.0000	T 51360.0000	T 52367.0000	1.7441
x		85.39%	0.0343	TM 250530.0000	T 53125.0000	T 52877.0000	T 53704.0000	1.8796
%RSD		1.03	52.7810	TM 1.1596	T 1.9543	T 1.9613	T 1.6253	14.2990

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:20:33	T 9753.5000	TM 205260.0000	89.55%	0.9737	8.2352	8.9153	1128.9000
2	15:21:00	T 9866.5000	TM 204710.0000	89.18%	0.9103	7.5326	6.5923	1157.2000
3	15:21:28	T 9909.7000	TM 205520.0000	87.13%	0.9516	6.2759	6.0342	1281.2000
4	15:21:55	T 9714.5000	TM 204510.0000	87.91%	0.8926	9.3364	7.3044	1132.1000
5	15:22:23	T 9696.7000	TM 203270.0000	87.77%	0.8199	7.2465	5.1901	1131.6000
x		T 9788.2000	TM 204650.0000	88.31%	0.9096	7.7253	6.8073	1166.2000
%RSD		T 0.9678	TM 0.4286	1.15	6.5533	14.7910	20.7100	5.6018

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:20:33	-5.5654	89.29%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:21:00	-5.7001	89.10%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:21:28	-2.8580	89.30%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:21:55	-1.9762	88.04%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:22:23	-19.5980	88.12%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-7.1396	88.77%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		100.2100	0.71	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:20:33	83.88%	-0.9568	0.0000	0.0000	94.70%	85.18%	0.0000
2	15:21:00	82.41%	-1.4963	0.0000	0.0000	95.21%	86.40%	0.0000
3	15:21:28	82.94%	-1.2409	0.0000	0.0000	95.07%	86.24%	0.0000
4	15:21:55	83.06%	-1.8000	0.0000	0.0000	95.16%	86.03%	0.0000
5	15:22:23	82.51%	-1.2960	0.0000	0.0000	94.80%	86.14%	0.0000
x		82.96%	-1.3580	0.0000	0.0000	94.99%	86.00%	0.0000
%RSD		0.70	23.0820	0.0000	0.0000	0.24	0.55	0.0000

MF4T32 09/14/2011 15:23:11

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:23:38	85.71%	0.0158	TM 251080.0000	T 53286.0000	T 53422.0000	T 54014.0000	4.6796
2	15:24:06	83.75%	0.0167	TM 246580.0000	T 53286.0000	T 53800.0000	T 54342.0000	4.5903
3	15:24:34	84.92%	0.0072	TM 250200.0000	T 53546.0000	T 53141.0000	T 54140.0000	4.9600
4	15:25:01	85.87%	0.0158	TM 245560.0000	T 53081.0000	T 53151.0000	T 54342.0000	4.8419
5	15:25:28	86.54%	0.0122	TM 249610.0000	T 52615.0000	T 53003.0000	T 53238.0000	4.5942
x		85.36%	0.0135	TM 248610.0000	T 53163.0000	T 53303.0000	T 54015.0000	4.7332
%RSD		1.25	29.0490	TM 0.9655	T 0.6543	T 0.5936	T 0.8450	3.4369

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:23:38	T 9802.4000	TM 207990.0000	86.75%	0.8180	5.7629	5.4007	1125.5000
2	15:24:06	T 9884.7000	TM 203110.0000	87.23%	0.9023	6.2510	7.3427	1188.8000
3	15:24:34	T 9842.1000	TM 203010.0000	86.56%	0.8310	5.7323	5.0367	1241.5000
4	15:25:01	T 9817.4000	TM 206150.0000	87.09%	0.8229	6.5419	6.2688	1039.6000
5	15:25:28	T 9942.0000	TM 204390.0000	87.92%	0.9485	6.3281	3.7255	1072.8000
x		T 9857.7000	TM 204930.0000	87.11%	0.8646	6.1233	5.5549	1133.6000
%RSD		T 0.5728	TM 1.0391	0.60	6.7200	5.8670	24.3940	7.2874

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:23:38	-2.2223	87.74%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:24:06	-4.9355	88.12%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:24:34	-6.1502	88.70%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:25:01	-3.5953	89.29%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:25:28	3.3177	89.95%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-2.7171	88.76%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		135.4000	1.00	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:23:38	81.72%	-1.1048	0.0000	0.0000	93.93%	86.23%	0.0000
2	15:24:06	81.96%	-1.2253	0.0000	0.0000	94.94%	86.32%	0.0000
3	15:24:34	82.64%	-1.6400	0.0000	0.0000	95.78%	86.91%	0.0000
4	15:25:01	82.77%	-1.4501	0.0000	0.0000	96.45%	88.14%	0.0000
5	15:25:28	83.43%	-2.2872	0.0000	0.0000	97.80%	89.51%	0.0000
x		82.50%	-1.5415	0.0000	0.0000	95.78%	87.42%	0.0000
%RSD		0.83	30.1650	0.0000	0.0000	1.54	1.59	0.0000

MF4T65 09/14/2011 15:26:16

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:26:43	88.68%	0.0242	TM 157060.0000	T 54355.0000	T 54422.0000	T 55135.0000	0.7484
2	15:27:11	88.85%	0.0252	TM 156030.0000	T 54597.0000	T 54670.0000	T 55203.0000	0.7301
3	15:27:38	88.57%	0.0157	TM 158900.0000	T 54944.0000	T 54842.0000	T 56239.0000	0.6812
4	15:28:05	87.86%	0.0333	TM 157590.0000	T 54623.0000	T 54069.0000	T 54224.0000	0.5043
5	15:28:32	87.65%	0.0215	TM 155330.0000	T 53518.0000	T 54428.0000	T 55379.0000	0.5863
x		88.32%	0.0240	TM 156980.0000	T 54407.0000	T 54486.0000	T 55236.0000	0.6501
%RSD		0.60	26.6630	TM 0.8839	T 0.9917	T 0.5370	T 1.3001	15.8300

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:26:43	T 4002.1000	TM 172610.0000	89.21%	1.0552	93.7390	5.2381	961.0500
2	15:27:11	T 3938.3000	TM 171330.0000	89.72%	0.9289	92.7280	4.4414	884.0700
3	15:27:38	T 3972.3000	TM 171190.0000	89.57%	0.9248	94.0520	2.0193	906.7300
4	15:28:05	T 3952.5000	TM 172720.0000	89.71%	0.8703	94.5600	3.9104	897.4900
5	15:28:32	T 3940.2000	TM 170440.0000	89.81%	0.8806	94.0400	3.7622	885.4900
x		T 3961.1000	TM 171660.0000	89.61%	0.9320	93.8240	3.8743	906.9700
%RSD		T 0.6722	TM 0.5707	0.26	7.9014	0.7244	30.6390	3.4868

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:26:43	0.8144	90.55%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:27:11	-3.6611	91.53%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:27:38	-10.0650	91.52%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:28:05	9.2387	91.85%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:28:32	13.3660	91.48%	0.0000	0.0000	0.0000	0.0000	0.0000
x		1.9387	91.39%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		489.7400	0.54	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:26:43	85.72%	-1.0149	0.0000	0.0000	99.74%	91.07%	0.0000
2	15:27:11	85.95%	-2.3873	0.0000	0.0000	99.54%	91.93%	0.0000
3	15:27:38	86.53%	-0.9759	0.0000	0.0000	100.76%	93.29%	0.0000
4	15:28:05	86.73%	-1.8495	0.0000	0.0000	101.35%	93.77%	0.0000
5	15:28:32	87.03%	-1.8310	0.0000	0.0000	101.87%	94.02%	0.0000
x		86.39%	-1.6117	0.0000	0.0000	100.65%	92.82%	0.0000
%RSD		0.63	37.5710	0.0000	0.0000	1.00	1.37	0.0000

MF4T66 09/14/2011 15:29:18

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:29:46	89.12%	0.0016	TM 151790.0000	T 52383.0000	T 52905.0000	T 53519.0000	3.0676
2	15:30:13	90.63%	0.0117	TM 150100.0000	T 52144.0000	T 53176.0000	T 53632.0000	3.1325
3	15:30:41	89.66%	-0.0018	TM 153470.0000	T 52702.0000	T 53641.0000	T 53710.0000	3.0527
4	15:31:08	90.81%	0.0064	TM 150710.0000	T 52843.0000	T 52521.0000	T 53471.0000	3.1501
5	15:31:38	89.81%	0.0109	TM 153440.0000	T 52504.0000	T 52230.0000	T 52745.0000	2.9273
x		90.01%	0.0058	TM 151900.0000	T 52515.0000	T 52895.0000	T 53416.0000	3.0660
%RSD		0.78	101.4300	TM 1.0142	T 0.5194	T 1.0429	T 0.7231	2.8662

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:29:46	T 3815.7000	TM 166380.0000	88.61%	0.8896	6.7604	3.0610	839.8600
2	15:30:13	T 3813.7000	TM 167220.0000	89.73%	0.8840	3.7295	2.2689	869.2900
3	15:30:41	T 3791.7000	TM 165950.0000	89.99%	0.9233	5.2199	2.4919	877.3400
4	15:31:08	T 3823.3000	TM 166030.0000	90.39%	0.9334	5.3662	2.8918	906.7400
5	15:31:38	T 3813.6000	TM 166410.0000	89.06%	0.9019	5.6227	5.1375	910.9000
x		T 3811.6000	TM 166400.0000	89.56%	0.9065	5.3397	3.1702	880.8300
%RSD		T 0.3103	TM 0.3040	0.80	2.3506	20.3140	36.0760	3.3097

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:29:46	-1.6134	91.54%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:30:13	4.9658	91.78%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:30:41	14.1220	91.59%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:31:08	-1.7604	90.95%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:31:38	9.8498	91.70%	0.0000	0.0000	0.0000	0.0000	0.0000
x		5.1128	91.51%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		136.9500	0.36	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:29:46	85.19%	-2.2955	0.0000	0.0000	100.81%	93.63%	0.0000
2	15:30:13	86.33%	-1.8098	0.0000	0.0000	101.97%	93.91%	0.0000
3	15:30:41	86.28%	-1.3673	0.0000	0.0000	100.86%	93.98%	0.0000
4	15:31:08	86.23%	-0.8698	0.0000	0.0000	100.49%	93.44%	-0.2250
5	15:31:38	86.34%	-1.7003	0.0000	0.0000	100.80%	92.91%	0.0000
x		86.07%	-1.6085	0.0000	0.0000	100.99%	93.58%	-0.0450
%RSD		0.58	32.9660	0.0000	0.0000	0.56	0.46	223.6100

MF4T66S 09/14/2011 15:32:38

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:33:06	88.92%	42.0870	TM 156570.0000	T 54153.0000	T 54423.0000	T 54847.0000	T 1933.3000
2	15:33:33	87.31%	41.8770	TM 158920.0000	T 55006.0000	T 54848.0000	T 56005.0000	T 1979.9000
3	15:34:01	87.10%	43.5780	TM 155340.0000	T 54524.0000	T 55715.0000	T 55640.0000	T 1940.6000
4	15:34:28	85.38%	43.1940	TM 160110.0000	T 55675.0000	T 55919.0000	T 57270.0000	T 2002.8000
5	15:34:55	87.47%	41.8100	TM 155750.0000	T 53487.0000	T 53230.0000	T 53627.0000	T 1894.9000
x		87.24%	42.5090	TM 157340.0000	T 54569.0000	T 54827.0000	T 55478.0000	T 1950.3000
%RSD		1.44	1.9248	TM 1.3234	T 1.5223	T 1.9758	T 2.4417	T 2.1585

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:33:06	T 3955.5000	TM 172280.0000	88.62%	1.0258	83.1890	5.2758	993.7300
2	15:33:33	T 4018.8000	TM 170090.0000	88.02%	0.9987	83.7680	7.0371	1041.7000
3	15:34:01	T 3955.3000	TM 171080.0000	89.56%	1.0182	87.9980	4.6116	914.0300
4	15:34:28	T 4050.3000	TM 174030.0000	89.05%	1.0631	85.5840	4.0492	993.4900
5	15:34:55	T 3905.9000	TM 169040.0000	88.88%	1.0315	79.0810	4.8439	978.7000
x		T 3977.2000	TM 171310.0000	88.83%	1.0275	83.9240	5.1635	984.3200
%RSD		T 1.4390	TM 1.1301	0.64	2.2846	3.9237	22.0210	4.6649

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:33:06	-13.9240	89.99%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:33:33	9.7142	89.65%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:34:01	0.9823	89.33%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:34:28	7.5991	89.63%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:34:55	3.9175	89.51%	0.0000	0.0000	0.0000	0.0000	0.0000
x		1.6578	89.62%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		563.0800	0.27	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:33:06	84.17%	-0.7618	0.0000	0.0000	97.54%	90.15%	0.0000
2	15:33:33	84.31%	-2.5175	0.0000	0.0000	96.98%	90.25%	0.0000
3	15:34:01	85.18%	-1.5012	0.0000	0.0000	97.25%	89.95%	0.0000
4	15:34:28	84.52%	-2.3940	0.0000	0.0000	96.91%	89.70%	0.0000
5	15:34:55	84.29%	1.8685	0.0000	0.0000	96.73%	90.10%	0.0000
x		84.49%	-1.0612	0.0000	0.0000	97.08%	90.03%	0.0000
%RSD		0.48	168.3300	0.0000	0.0000	0.33	0.24	0.0000

MF4T66D 09/14/2011 15:35:47

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:36:14	89.47%	0.0057	TM 153570.0000	T 52854.0000	T 53552.0000	T 54229.0000	3.7497
2	15:36:42	89.51%	0.0047	TM 154090.0000	T 53306.0000	T 53657.0000	T 54585.0000	3.7775
3	15:37:09	89.07%	0.0005	TM 153530.0000	T 53173.0000	T 53101.0000	T 53945.0000	3.9487
4	15:37:36	89.06%	0.0026	TM 152970.0000	T 53401.0000	T 53441.0000	T 54627.0000	3.7040
5	15:38:04	89.01%	0.0058	TM 159120.0000	T 52930.0000	T 53108.0000	T 53560.0000	3.6834
x		89.23%	0.0039	TM 154660.0000	T 53133.0000	T 53372.0000	T 54189.0000	3.7727
%RSD		0.27	59.1760	TM 1.6351	T 0.4438	T 0.4794	T 0.8281	2.7866

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:36:14	T 3819.1000	TM 168100.0000	89.89%	0.8637	5.9418	6.3269	932.8300
2	15:36:42	T 3870.8000	TM 167450.0000	89.06%	0.9647	5.5366	5.1040	943.8200
3	15:37:09	T 3830.7000	TM 167540.0000	90.15%	1.0719	5.3054	6.3934	974.5000
4	15:37:36	T 3833.9000	TM 165270.0000	91.10%	0.9702	5.1300	4.7002	1012.8000
5	15:38:04	T 3849.5000	TM 167520.0000	90.70%	1.0655	5.7401	5.8484	1019.1000
x		T 3840.8000	TM 167170.0000	90.18%	0.9872	5.5308	5.6746	976.6000
%RSD		T 0.5194	TM 0.6557	0.87	8.6788	5.8884	13.2090	4.0002

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:36:14	-4.9067	90.47%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:36:42	-6.7650	89.82%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:37:09	-6.1467	90.79%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:37:36	-3.8265	90.98%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:38:04	-7.4708	90.89%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-5.8232	90.59%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		25.0820	0.52	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:36:14	84.22%	-0.7284	0.0000	0.0000	97.11%	90.26%	0.0000
2	15:36:42	84.40%	-1.5379	0.0000	0.0000	97.55%	90.66%	0.0000
3	15:37:09	84.78%	-1.1196	0.0000	0.0000	97.32%	89.72%	-0.2343
4	15:37:36	84.96%	-1.7523	0.0000	0.0000	97.95%	90.11%	0.0000
5	15:38:04	85.39%	-0.7578	0.0000	0.0000	98.61%	90.98%	0.0000
x		84.75%	-1.1792	0.0000	0.0000	97.71%	90.35%	-0.0469
%RSD		0.55	38.8970	0.0000	0.0000	0.61	0.54	223.6100

MF4T66L 09/14/2011 15:38:50

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:39:17	97.52%	-0.0142	T 32925.0000	T 11411.0000	T 11339.0000	T 11620.0000	1.1943
2	15:39:45	99.36%	-0.0096	T 31171.0000	T 10955.0000	T 11252.0000	T 11431.0000	1.0634
3	15:40:12	99.37%	-0.0153	T 32220.0000	T 11261.0000	T 11253.0000	T 11344.0000	0.8873
4	15:40:40	99.81%	-0.0125	T 32272.0000	T 11386.0000	T 11247.0000	T 11237.0000	0.9961
5	15:41:07	99.71%	-0.0020	T 31309.0000	T 11058.0000	T 11033.0000	T 11119.0000	0.9046
x		99.15%	-0.0107	T 31979.0000	T 11214.0000	T 11225.0000	T 11350.0000	1.0091
%RSD		0.94	49.9700	T 2.2873	T 1.7922	T 1.0148	T 1.6821	12.4510

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:39:17	790.7400	T 36052.0000	95.84%	0.2592	1.1806	6.8008	222.2700
2	15:39:45	784.1500	T 35703.0000	96.95%	0.1991	2.4075	6.3441	220.1500
3	15:40:12	774.8800	T 35413.0000	96.73%	0.2358	1.7871	5.8398	228.7700
4	15:40:40	786.5800	T 35749.0000	96.97%	0.2247	0.7621	5.1559	213.9200
5	15:41:07	771.7700	T 35229.0000	97.61%	0.2258	2.2612	5.9077	241.0600
x		781.6300	T 35629.0000	96.82%	0.2289	1.6797	6.0096	225.2300
%RSD		1.0248	T 0.8935	0.66	9.4789	41.7840	10.2100	4.5791

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:39:17	-2.0574	98.10%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:39:45	-8.5943	99.37%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:40:12	0.4353	99.11%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:40:40	6.3821	100.90%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:41:07	5.7594	99.16%	0.0000	0.0000	0.0000	0.0000	0.0000
x		0.3850	99.33%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		1598.2000	1.01	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:39:17	96.53%	-0.8703	0.0000	0.0000	103.97%	101.54%	0.0000
2	15:39:45	97.33%	-1.1812	0.0000	0.0000	104.05%	102.39%	0.0000
3	15:40:12	97.03%	-1.0765	0.0000	0.0000	105.86%	103.41%	0.0000
4	15:40:40	97.93%	-0.8116	0.0000	0.0000	106.36%	103.89%	0.0000
5	15:41:07	97.51%	0.5764	0.0000	0.0000	106.68%	104.81%	0.0000
x		97.27%	-0.6727	0.0000	0.0000	105.38%	103.21%	0.0000
%RSD		0.54	106.1700	0.0000	0.0000	1.22	1.24	0.0000

MF4T67 09/14/2011 15:41:54

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:42:21	87.25%	-0.0067	TM 231210.0000	T 55350.0000	T 55102.0000	T 56586.0000	0.7378
2	15:42:48	88.83%	0.0006	TM 227470.0000	T 55228.0000	T 55340.0000	T 55591.0000	0.6333
3	15:43:15	89.14%	-0.0070	TM 222320.0000	T 54125.0000	T 55078.0000	T 56503.0000	0.6771
4	15:43:43	87.90%	-0.0024	TM 227810.0000	T 54726.0000	T 55077.0000	T 56517.0000	0.7008
5	15:44:10	89.38%	-0.0038	TM 221180.0000	T 53427.0000	T 54455.0000	T 56116.0000	0.5526
x		88.50%	-0.0039	TM 226000.0000	T 54571.0000	T 55011.0000	T 56262.0000	0.6603
%RSD		1.01	81.0850	TM 1.8429	T 1.4689	T 0.5988	T 0.7435	10.7750

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:42:21	T 6861.5000	TM 174080.0000	89.18%	0.9260	3.7468	4.6758	928.2300
2	15:42:48	T 6837.9000	TM 173350.0000	88.32%	0.9316	4.3074	4.4512	954.9500
3	15:43:15	T 6934.6000	TM 175500.0000	89.42%	0.9095	3.7304	3.4317	968.9000
4	15:43:43	T 6956.9000	TM 174370.0000	89.12%	0.8253	3.6857	4.3906	923.2500
5	15:44:10	T 6795.7000	TM 174030.0000	90.46%	0.9018	5.5779	1.6537	929.1200
x		T 6877.3000	TM 174270.0000	89.30%	0.8988	4.2096	3.7206	940.8900
%RSD		T 0.9777	TM 0.4492	0.86	4.7682	19.1520	33.5990	2.1202

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:42:21	4.8155	91.52%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:42:48	-1.7733	92.72%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:43:15	-0.0210	91.77%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:43:43	-10.9710	92.49%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:44:10	6.5424	92.05%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-0.2814	92.11%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		2443.2000	0.54	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:42:21	84.37%	-2.4439	0.0000	0.0000	99.98%	90.83%	0.0000
2	15:42:48	84.66%	-1.9785	0.0000	0.0000	101.66%	92.66%	0.0000
3	15:43:15	85.53%	-2.7680	0.0000	0.0000	102.56%	93.37%	0.0000
4	15:43:43	85.74%	-1.7467	0.0000	0.0000	102.97%	93.61%	0.0000
5	15:44:10	86.11%	-1.7606	0.0000	0.0000	103.18%	94.37%	0.0000
x		85.28%	-2.1395	0.0000	0.0000	102.07%	92.97%	0.0000
%RSD		0.87	21.0520	0.0000	0.0000	1.28	1.44	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:45:24	87.20%	-0.0012	TM 234500.0000	T 56522.0000	T 56844.0000	T 57922.0000	8.3695
2	15:45:52	89.08%	-0.0027	TM 230590.0000	T 55949.0000	T 56411.0000	T 57316.0000	8.1575
3	15:46:19	88.37%	0.0018	TM 228750.0000	T 55449.0000	T 56074.0000	T 57176.0000	8.3441
4	15:46:46	87.86%	-0.0014	TM 227020.0000	T 55363.0000	T 56299.0000	T 57145.0000	T 10.8700
5	15:47:13	89.59%	-0.0028	TM 232580.0000	T 56158.0000	T 56256.0000	T 56724.0000	8.1500
x		88.42%	-0.0013	TM 230690.0000	T 55888.0000	T 56377.0000	T 57257.0000	T 8.7781
%RSD		1.07	145.5500	TM 1.2887	T 0.8706	T 0.5105	T 0.7560	T 13.3700

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:45:24	T 6926.3000	TM 177940.0000	88.39%	0.9170	7.6581	6.2422	981.7400
2	15:45:52	T 7032.9000	TM 176990.0000	88.50%	0.9187	8.8803	8.3217	1002.6000
3	15:46:19	T 7017.8000	TM 175960.0000	89.57%	0.9750	6.2401	7.1626	943.1700
4	15:46:46	T 6904.2000	TM 176700.0000	91.00%	1.0585	7.9132	5.5870	917.7200
5	15:47:13	T 6969.5000	TM 177510.0000	88.95%	1.0433	6.6564	7.0910	910.9400
x		T 6970.1000	TM 177020.0000	89.28%	0.9825	7.4696	6.8809	951.2300
%RSD		T 0.8014	TM 0.4312	1.19	6.8060	14.0340	15.0360	4.1991

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:45:24	4.3120	92.13%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:45:52	-8.3680	92.21%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:46:19	-0.7062	91.79%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:46:46	-5.2377	92.37%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:47:13	3.7237	92.31%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-1.2552	92.16%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		440.9500	0.25	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:45:24	85.19%	-2.2646	0.0000	0.0000	102.18%	93.21%	0.0000
2	15:45:52	85.65%	-1.3214	0.0000	0.0000	102.76%	93.46%	0.0000
3	15:46:19	86.18%	-2.7987	0.0000	0.0000	102.81%	93.62%	0.0000
4	15:46:46	86.60%	-1.7529	0.0000	0.0000	102.69%	93.83%	0.0000
5	15:47:13	86.12%	-1.6452	0.0000	0.0000	102.62%	93.72%	-0.2243
x		85.95%	-1.9566	0.0000	0.0000	102.61%	93.57%	-0.0449
%RSD		0.63	29.6460	0.0000	0.0000	0.25	0.26	223.6100

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:48:27	90.41%	-0.0009	TM 184040.0000	T 38497.0000	T 38726.0000	T 39216.0000	-0.0093
2	15:48:54	88.42%	-0.0037	TM 181820.0000	T 38439.0000	T 38891.0000	T 39358.0000	0.0315
3	15:49:21	88.71%	0.0091	TM 189270.0000	T 39560.0000	T 39819.0000	T 39795.0000	0.1601
4	15:49:48	88.55%	-0.0015	TM 185220.0000	T 39089.0000	T 39451.0000	T 39525.0000	0.0087
5	15:50:15	89.48%	-0.0071	TM 181800.0000	T 38216.0000	T 38759.0000	T 39423.0000	0.1407
x		89.12%	-0.0008	TM 184430.0000	T 38760.0000	T 39129.0000	T 39464.0000	0.0663
%RSD		0.93	759.1200	TM 1.6693	T 1.4233	T 1.2360	T 0.5489	118.1500

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:48:27	T 7267.7000	TM 217550.0000	89.86%	0.8550	59.3570	5.4817	1170.0000
2	15:48:54	T 7252.9000	TM 213930.0000	91.27%	0.7979	55.4620	4.1178	1188.2000
3	15:49:21	T 7329.5000	TM 216770.0000	90.69%	0.7477	55.2580	5.9412	1183.5000
4	15:49:48	T 7369.8000	TM 215510.0000	90.12%	0.7884	57.8650	5.7777	1208.3000
5	15:50:15	T 7342.1000	TM 213140.0000	90.45%	0.8049	58.8600	4.5883	1238.3000
x		T 7312.4000	TM 215380.0000	90.48%	0.7988	57.3600	5.1813	1197.7000
%RSD		T 0.6840	TM 0.8614	0.60	4.8165	3.3205	15.2770	2.2172

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:48:27	1.3507	91.59%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:48:54	0.1103	91.74%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:49:21	1.7561	92.35%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:49:48	1.7673	92.47%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:50:15	3.9622	92.61%	0.0000	0.0000	0.0000	0.0000	0.0000
x		1.7893	92.15%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		77.7120	0.49	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:48:27	85.03%	-1.1528	0.0000	0.0000	100.14%	91.46%	0.0000
2	15:48:54	86.09%	-0.6335	0.0000	0.0000	100.93%	92.36%	0.0000
3	15:49:21	85.80%	-1.3494	0.0000	0.0000	100.49%	91.36%	0.0000
4	15:49:48	85.30%	-1.6314	0.0000	0.0000	99.83%	91.70%	0.0000
5	15:50:15	85.25%	-0.2195	0.0000	0.0000	99.94%	91.27%	0.0000
x		85.49%	-0.9973	0.0000	0.0000	100.27%	91.63%	0.0000
%RSD		0.51	56.8890	0.0000	0.0000	0.45	0.48	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:51:30	91.22%	-0.0011	TM 180430.0000	T 37156.0000	T 37681.0000	T 38222.0000	0.5572
2	15:51:57	92.41%	-0.0044	TM 181840.0000	T 37767.0000	T 37588.0000	T 38453.0000	0.6501
3	15:52:24	90.41%	0.0001	TM 181090.0000	T 37601.0000	T 36880.0000	T 37396.0000	0.5364
4	15:52:53	91.19%	-0.0136	TM 178430.0000	T 37540.0000	T 38011.0000	T 38549.0000	0.6288
5	15:53:20	89.26%	0.0026	TM 176870.0000	T 37343.0000	T 37965.0000	T 38227.0000	0.6856
x		90.90%	-0.0033	TM 179730.0000	T 37481.0000	T 37625.0000	T 38169.0000	0.6116
%RSD		1.28	191.6400	TM 1.1363	T 0.6321	T 1.2068	T 1.1929	10.3000

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:51:30	T 7056.7000	TM 206120.0000	91.19%	0.8095	6.4839	4.5371	1248.0000
2	15:51:57	T 7036.3000	TM 209720.0000	91.05%	0.8216	6.9700	5.0047	1177.8000
3	15:52:24	T 7091.9000	TM 209860.0000	91.49%	0.7495	6.3629	4.6869	1224.1000
4	15:52:53	T 7171.1000	TM 211040.0000	89.51%	0.8746	6.0827	5.6101	1179.9000
5	15:53:20	T 7206.9000	TM 208850.0000	91.21%	0.7050	5.6870	5.1938	1086.3000
x		T 7112.6000	TM 209120.0000	90.89%	0.7921	6.3173	5.0065	1183.2000
%RSD		T 1.0353	TM 0.8844	0.87	8.3267	7.5423	8.4858	5.2286

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:51:30	-9.5695	92.14%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:51:57	7.4147	92.37%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:52:24	-1.2054	91.91%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:52:53	-6.5886	92.72%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:53:20	8.7974	92.28%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-0.2303	92.29%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		3558.1000	0.33	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:51:30	85.80%	-1.9651	0.0000	0.0000	99.13%	90.84%	0.0000
2	15:51:57	85.37%	-1.0494	0.0000	0.0000	99.88%	91.38%	0.0000
3	15:52:24	85.75%	-1.0269	0.0000	0.0000	99.75%	92.26%	0.0000
4	15:52:53	85.70%	-0.1942	0.0000	0.0000	100.39%	92.43%	0.0000
5	15:53:20	85.91%	-1.2226	0.0000	0.0000	101.35%	93.45%	0.0000
x		85.71%	-1.0916	0.0000	0.0000	100.10%	92.07%	0.0000
%RSD		0.24	57.7820	0.0000	0.0000	0.83	1.09	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:54:36	87.78%	-0.0002	TM 227170.0000	T 53182.0000	T 53354.0000	T 53872.0000	-0.0194
2	15:55:03	89.83%	0.0056	TM 224200.0000	T 51366.0000	T 51536.0000	T 52583.0000	-0.0412
3	15:55:30	90.86%	-0.0010	TM 219650.0000	T 51691.0000	T 51666.0000	T 52580.0000	-0.2204
4	15:55:58	89.90%	0.0003	TM 223830.0000	T 51901.0000	T 52082.0000	T 53109.0000	-0.1870
5	15:56:26	89.08%	0.0005	TM 219620.0000	T 50334.0000	T 51334.0000	T 51793.0000	-0.2459
x		89.49%	0.0010	TM 222890.0000	T 51695.0000	T 51994.0000	T 52788.0000	-0.1428
%RSD		1.28	251.5700	TM 1.4550	T 1.9857	T 1.5539	T 1.4535	73.5950

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:54:36	T 8348.7000	TM 245820.0000	88.79%	0.7808	65.2180	10.0260	1319.1000
2	15:55:03	T 8314.4000	TM 244040.0000	89.27%	0.7316	65.3340	8.3431	1294.3000
3	15:55:30	T 8343.6000	TM 243910.0000	89.09%	0.7186	66.2340	8.4902	1321.9000
4	15:55:58	T 8335.7000	TM 243750.0000	88.81%	0.7856	66.5390	7.8278	1184.8000
5	15:56:26	T 8322.2000	TM 237860.0000	90.71%	0.7277	62.5520	6.3041	1189.0000
x		T 8332.9000	TM 243070.0000	89.33%	0.7489	65.1750	8.1983	1261.8000
%RSD		T 0.1727	TM 1.2485	0.89	4.2382	2.4123	16.3350	5.4878

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:54:36	9.8249	91.68%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:55:03	-4.7367	92.27%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:55:30	5.6086	93.43%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:55:58	4.9409	93.55%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:56:26	5.1391	93.70%	0.0000	0.0000	0.0000	0.0000	0.0000
x		4.1554	92.92%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		128.9800	0.97	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:54:36	84.93%	-1.6041	0.0000	0.0000	100.56%	90.82%	0.0000
2	15:55:03	85.65%	-0.4246	0.0000	0.0000	101.60%	92.52%	0.0000
3	15:55:30	86.47%	-0.9255	0.0000	0.0000	102.55%	92.46%	0.0000
4	15:55:58	87.19%	-2.3271	0.0000	0.0000	103.29%	93.76%	-0.2242
5	15:56:26	86.31%	-1.2666	0.0000	0.0000	104.02%	94.21%	0.0000
x		86.11%	-1.3096	0.0000	0.0000	102.40%	92.75%	-0.0448
%RSD		1.00	54.7260	0.0000	0.0000	1.33	1.43	223.6100

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:57:41	90.87%	-0.0020	TM 221880.0000	T 50999.0000	T 51989.0000	T 53713.0000	0.8625
2	15:58:08	89.08%	-0.0113	TM 225660.0000	T 51606.0000	T 51983.0000	T 52123.0000	0.7763
3	15:58:36	90.65%	-0.0093	TM 225370.0000	T 51387.0000	T 51686.0000	T 52462.0000	0.7386
4	15:59:03	90.06%	-0.0061	TM 222790.0000	T 51573.0000	T 52219.0000	T 52872.0000	0.7588
5	15:59:30	89.88%	-0.0135	TM 224340.0000	T 51537.0000	T 51915.0000	T 52903.0000	0.7975
x		90.11%	-0.0084	TM 224010.0000	T 51421.0000	T 51958.0000	T 52815.0000	0.7868
%RSD		0.78	53.2530	TM 0.7309	T 0.4861	T 0.3674	T 1.1283	6.0463

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:57:41	T 8472.6000	TM 249270.0000	89.53%	0.7206	11.0400	5.8779	1116.5000
2	15:58:08	T 8193.9000	TM 242020.0000	91.19%	0.8225	11.0920	5.5497	1365.2000
3	15:58:36	T 8276.8000	TM 244780.0000	90.05%	0.7363	9.5419	7.2849	1287.7000
4	15:59:03	T 8378.9000	TM 246120.0000	90.15%	0.7549	9.0526	4.4344	1264.0000
5	15:59:30	T 8491.1000	TM 245920.0000	89.50%	0.7601	10.1800	5.8753	1322.8000
x		T 8362.7000	TM 245620.0000	90.09%	0.7589	10.1810	5.8044	1271.2000
%RSD		T 1.5207	TM 1.0652	0.76	5.1205	8.8515	17.5360	7.4354

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:57:41	4.3307	93.63%	0.0000	0.0000	0.0000	0.0000	0.0000
2	15:58:08	-1.6884	93.87%	0.0000	0.0000	0.0000	0.0000	0.0000
3	15:58:36	2.4505	92.43%	0.0000	0.0000	0.0000	0.0000	0.0000
4	15:59:03	7.3386	92.33%	0.0000	0.0000	0.0000	0.0000	0.0000
5	15:59:30	5.5256	93.15%	0.0000	0.0000	0.0000	0.0000	0.0000
x		3.5914	93.08%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		95.9590	0.74	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	15:57:41	85.85%	-1.9851	0.0000	0.0000	103.45%	93.09%	0.0000
2	15:58:08	86.89%	-1.0212	0.0000	0.0000	102.58%	93.33%	0.0000
3	15:58:36	85.78%	-1.8820	0.0000	0.0000	102.93%	93.63%	0.0000
4	15:59:03	87.20%	-1.6670	0.0000	0.0000	103.01%	92.90%	0.0000
5	15:59:30	86.30%	-1.7264	0.0000	0.0000	102.53%	93.34%	0.0000
x		86.41%	-1.6564	0.0000	0.0000	102.90%	93.26%	0.0000
%RSD		0.73	22.7380	0.0000	0.0000	0.36	0.30	0.0000

MF4T85 09/14/2011 16:00:18

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:00:45	90.06%	-0.0114	TM 236820.0000	T 53915.0000	T 54544.0000	T 54909.0000	-0.8647
2	16:01:13	88.91%	-0.0059	TM 243060.0000	T 53980.0000	T 54283.0000	T 55574.0000	-0.8250
3	16:01:40	90.14%	-0.0050	TM 242570.0000	T 54418.0000	T 54857.0000	T 55189.0000	-0.8424
4	16:02:07	89.71%	-0.0060	TM 240220.0000	T 53751.0000	T 54299.0000	T 54358.0000	-0.9566
5	16:02:34	90.35%	-0.0083	TM 237790.0000	T 52775.0000	T 53433.0000	T 53787.0000	-0.8205
x		89.83%	-0.0073	TM 240090.0000	T 53768.0000	T 54283.0000	T 54763.0000	-0.8618
%RSD		0.63	34.9720	TM 1.1585	T 1.1294	T 0.9746	T 1.2836	6.4666
Run	**Time**	**39K**	**44Ca**	**45Sc**	**47Ti**	**54Fe**	**56Fe**	**57Fe**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:00:45	T 8636.1000	TM 246300.0000	89.63%	0.7396	8.0916	8.0137	1292.1000
2	16:01:13	T 8668.0000	TM 248250.0000	89.68%	0.8785	6.7303	8.5961	1368.8000
3	16:01:40	T 8605.8000	TM 247510.0000	90.25%	0.8259	6.2753	7.9744	1266.9000
4	16:02:07	T 8633.2000	TM 246250.0000	90.00%	0.8116	7.1780	8.2106	1460.8000
5	16:02:34	T 8516.8000	TM 245540.0000	91.20%	0.7928	8.5972	10.3590	1296.1000
x		T 8612.0000	TM 246770.0000	90.15%	0.8097	7.3745	8.6308	1336.9000
%RSD		T 0.6687	TM 0.4416	0.71	6.2347	12.9910	11.5540	5.9056
Run	**Time**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:00:45	-7.1873	92.90%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:01:13	-11.9810	93.09%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:01:40	-5.7649	92.83%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:02:07	-8.6988	92.64%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:02:34	8.1477	92.42%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-5.0968	92.78%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		152.1700	0.28	0.0000	0.0000	0.0000	0.0000	0.0000
Run	**Time**	**103Rh**	**108Mo O**	**115In**	**118Sn**	**159Tb**	**209Bi**	**220Bkg**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:00:45	85.65%	-1.5743	0.0000	0.0000	100.80%	91.29%	0.0000
2	16:01:13	86.08%	-1.1361	0.0000	0.0000	101.54%	91.87%	0.0000
3	16:01:40	85.29%	-1.0122	0.0000	0.0000	101.02%	91.69%	0.0000
4	16:02:07	85.63%	-1.4756	0.0000	0.0000	100.57%	91.69%	0.0000
5	16:02:34	86.02%	-2.1551	0.0000	0.0000	101.00%	91.73%	0.0000
x		85.73%	-1.4707	0.0000	0.0000	100.99%	91.65%	0.0000
%RSD		0.38	30.4350	0.0000	0.0000	0.36	0.24	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:03:49	97.91%	0.0043	TM 240130.0000	T 53253.0000	T 52949.0000	T 54004.0000	-0.4642
2	16:04:17	99.28%	-0.0096	TM 235490.0000	T 52069.0000	T 52153.0000	T 53298.0000	-0.5847
3	16:04:44	98.18%	-0.0065	TM 242500.0000	T 54193.0000	T 54283.0000	T 55221.0000	-0.3691
4	16:05:12	98.17%	0.0051	TM 242950.0000	T 54519.0000	T 53931.0000	T 54610.0000	-0.5697
5	16:05:39	99.10%	-0.0028	TM 237700.0000	T 53433.0000	T 53546.0000	T 54593.0000	-0.4255
x		98.53%	-0.0019	TM 239750.0000	T 53493.0000	T 53372.0000	T 54345.0000	-0.4826
%RSD		0.63	342.7300	TM 1.3240	T 1.7808	T 1.5782	T 1.3370	19.2390

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:03:49	T 8461.5000	TM 245500.0000	95.50%	0.8919	4.4533	9.1961	1431.4000
2	16:04:17	T 8533.4000	TM 244040.0000	97.97%	0.7696	4.4358	7.9950	1404.2000
3	16:04:44	T 8604.3000	TM 244470.0000	97.36%	0.8363	4.3010	10.5110	1412.8000
4	16:05:12	T 8634.1000	TM 246940.0000	97.29%	0.9139	4.2614	10.4890	1452.4000
5	16:05:39	T 8591.8000	TM 242610.0000	98.47%	0.9288	5.2564	9.8851	1481.8000
x		T 8565.0000	TM 244710.0000	97.32%	0.8681	4.5416	9.6152	1436.5000
%RSD		T 0.7992	TM 0.6626	1.15	7.5244	8.9871	10.9560	2.1849

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:03:49	-5.6584	96.22%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:04:17	-8.3999	97.03%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:04:44	-3.2857	96.66%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:05:12	-6.4748	96.98%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:05:39	-7.2967	96.50%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-6.2231	96.68%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		31.0160	0.35	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:03:49	89.53%	0.0225	0.0000	0.0000	101.12%	91.61%	0.0000
2	16:04:17	89.65%	-0.7326	0.0000	0.0000	101.05%	92.62%	0.0000
3	16:04:44	90.62%	-1.5057	0.0000	0.0000	101.21%	92.47%	0.0000
4	16:05:12	90.44%	-1.3101	0.0000	0.0000	101.16%	91.32%	0.0000
5	16:05:39	90.45%	-0.2278	0.0000	0.0000	100.80%	92.29%	0.0000
x		90.14%	-0.7508	0.0000	0.0000	101.07%	92.06%	0.0000
%RSD		0.56	88.2200	0.0000	0.0000	0.16	0.62	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:06:52	91.99%	-0.0075	TM 237370.0000	T 53414.0000	T 53548.0000	T 53945.0000	0.4285
2	16:07:19	93.64%	0.0004	TM 237320.0000	T 53061.0000	T 53383.0000	T 53513.0000	0.2011
3	16:07:47	90.54%	-0.0030	TM 242340.0000	T 53313.0000	T 53749.0000	T 53896.0000	0.1666
4	16:08:14	89.84%	-0.0071	TM 241710.0000	T 54350.0000	T 54080.0000	T 54391.0000	0.3025
5	16:08:41	88.70%	-0.0005	TM 241900.0000	T 54018.0000	T 54244.0000	T 55004.0000	0.2595
x		90.94%	-0.0035	TM 240130.0000	T 53631.0000	T 53801.0000	T 54150.0000	0.2716
%RSD		2.12	103.0300	TM 1.0624	T 0.9953	T 0.6671	T 1.0527	37.5950

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:06:52	T 8445.3000	TM 244930.0000	91.51%	0.7438	5.3199	8.3053	1551.7000
2	16:07:19	T 8398.0000	TM 243930.0000	92.14%	0.8063	4.0809	6.2237	1336.1000
3	16:07:47	T 8489.2000	TM 244640.0000	91.41%	0.8349	4.6556	7.1310	1455.2000
4	16:08:14	T 8412.4000	TM 247080.0000	90.86%	0.7960	4.8752	6.6355	1305.6000
5	16:08:41	T 8411.7000	TM 243420.0000	91.04%	0.7832	4.7250	6.0513	1396.6000
x		T 8431.3000	TM 244800.0000	91.39%	0.7928	4.7313	6.8694	1409.0000
%RSD		T 0.4358	TM 0.5733	0.54	4.2120	9.4285	13.1650	6.9768

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:06:52	-15.8240	92.22%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:07:19	0.7826	93.05%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:07:47	-4.5473	92.28%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:08:14	-7.6557	91.83%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:08:41	7.3848	92.30%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-3.9718	92.34%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		220.1900	0.48	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:06:52	85.82%	-1.6415	0.0000	0.0000	98.55%	89.42%	0.0000
2	16:07:19	85.89%	-0.9041	0.0000	0.0000	99.17%	90.53%	0.0000
3	16:07:47	85.17%	-1.6946	0.0000	0.0000	99.44%	90.41%	0.0000
4	16:08:14	85.73%	-1.1870	0.0000	0.0000	99.89%	91.10%	0.0000
5	16:08:41	85.76%	-2.0174	0.0000	0.0000	100.57%	90.63%	0.0000
x		85.67%	-1.4889	0.0000	0.0000	99.52%	90.42%	0.0000
%RSD		0.34	29.6220	0.0000	0.0000	0.76	0.68	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:09:54	96.71%	-0.0082	TM 245330.0000	T 54122.0000	T 54304.0000	T 55632.0000	1.4501
2	16:10:22	98.75%	-0.0085	TM 233260.0000	T 52981.0000	T 54149.0000	T 54658.0000	1.5225
3	16:10:50	98.51%	-0.0056	TM 238080.0000	T 53211.0000	T 54143.0000	T 53905.0000	1.3173
4	16:11:17	97.18%	-0.0054	TM 243290.0000	T 54105.0000	T 54066.0000	T 54841.0000	1.5723
5	16:11:46	99.34%	-0.0067	TM 238270.0000	T 52523.0000	T 53719.0000	T 53986.0000	1.3182
x		98.10%	-0.0069	TM 239650.0000	T 53388.0000	T 54076.0000	T 54604.0000	1.4361
%RSD		1.13	21.0210	TM 1.9878	T 1.3237	T 0.4025	T 1.2902	8.1084

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:09:54	T 8673.5000	TM 247970.0000	94.95%	0.8232	8.3371	12.8160	1444.8000
2	16:10:22	T 8661.2000	TM 247510.0000	97.69%	0.8178	9.2173	13.1840	1353.4000
3	16:10:50	T 8602.6000	TM 248480.0000	98.63%	0.8706	9.0130	12.0750	1545.9000
4	16:11:17	T 8775.8000	TM 251590.0000	98.47%	0.8794	7.3886	10.3030	1440.0000
5	16:11:46	T 8717.3000	TM 246760.0000	98.57%	0.8175	7.1589	12.1680	1216.3000
x		T 8686.1000	TM 248460.0000	97.66%	0.8417	8.2230	12.1090	1400.1000
%RSD		T 0.7454	TM 0.7481	1.60	3.6429	11.3010	9.1591	8.8064

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:09:54	-5.4953	96.64%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:10:22	-7.4863	97.55%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:10:50	-15.5200	98.43%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:11:17	-1.5171	98.86%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:11:46	-4.6819	99.08%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-6.9400	98.11%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		75.7350	1.03	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:09:54	89.75%	0.5738	0.0000	0.0000	102.12%	92.86%	0.0000
2	16:10:22	91.39%	-1.1980	0.0000	0.0000	102.99%	94.15%	0.0000
3	16:10:50	91.59%	-0.8015	0.0000	0.0000	103.42%	93.69%	0.0000
4	16:11:17	91.84%	-0.8769	0.0000	0.0000	103.41%	94.47%	0.0000
5	16:11:46	92.58%	-1.2235	0.0000	0.0000	104.76%	95.17%	0.0000
x		91.43%	-0.7052	0.0000	0.0000	103.34%	94.07%	0.0000
%RSD		1.14	104.8200	0.0000	0.0000	0.92	0.92	0.0000

MF4T89 09/14/2011 16:12:33

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:13:00	91.44%	-0.0063	TM 235290.0000	T 52595.0000	T 53287.0000	T 54468.0000	1.1530
2	16:13:28	90.95%	-0.0021	TM 235460.0000	T 52749.0000	T 53286.0000	T 53922.0000	1.1143
3	16:13:56	91.08%	-0.0052	TM 239750.0000	T 53896.0000	T 53860.0000	T 54651.0000	1.2384
4	16:14:23	90.58%	0.0011	TM 236400.0000	T 52991.0000	T 53487.0000	T 54270.0000	1.1388
5	16:14:50	91.69%	0.0030	TM 241650.0000	T 54168.0000	T 54918.0000	T 55324.0000	1.2299
x		91.15%	-0.0019	TM 237710.0000	T 53280.0000	T 53767.0000	T 54527.0000	1.1749
%RSD		0.47	210.0000	TM 1.1946	T 1.3282	T 1.2728	T 0.9555	4.7601

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:13:00	T 8582.3000	TM 245220.0000	91.46%	0.6556	9.4035	9.6709	1168.9000
2	16:13:28	T 8448.5000	TM 244170.0000	92.21%	0.7833	8.3231	9.7543	1206.0000
3	16:13:56	T 8579.4000	TM 246910.0000	90.03%	0.7496	7.5925	7.1070	1327.5000
4	16:14:23	T 8503.2000	TM 244870.0000	91.69%	0.7631	8.2588	7.7012	1245.4000
5	16:14:50	T 8599.5000	TM 244980.0000	90.60%	0.8304	8.9787	10.4230	1299.7000
x		T 8542.6000	TM 245230.0000	91.20%	0.7564	8.5113	8.9312	1249.5000
%RSD		T 0.7536	TM 0.4156	0.96	8.4807	8.2201	16.1190	5.2193

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:13:00	7.2805	95.48%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:13:28	-4.0782	94.46%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:13:56	4.7310	94.50%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:14:23	-17.6790	94.81%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:14:50	3.3865	94.49%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-1.2718	94.75%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		794.0600	0.46	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:13:00	87.53%	-1.7639	0.0000	0.0000	103.86%	94.11%	0.0000
2	16:13:28	87.32%	-1.0612	0.0000	0.0000	104.08%	94.88%	0.0000
3	16:13:56	87.04%	-1.2387	0.0000	0.0000	103.93%	94.76%	0.0000
4	16:14:23	87.62%	-1.8190	0.0000	0.0000	104.08%	94.87%	-0.2216
5	16:14:50	87.63%	-1.5989	0.0000	0.0000	104.24%	94.09%	0.0000
x		87.43%	-1.4963	0.0000	0.0000	104.04%	94.54%	-0.0443
%RSD		0.28	22.2150	0.0000	0.0000	0.14	0.43	223.6100

MF4T90 09/14/2011 16:15:37

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:16:04	97.23%	-0.0103	TM 241710.0000	T 54590.0000	T 54949.0000	T 55305.0000	-0.8444
2	16:16:31	97.82%	-0.0084	TM 242450.0000	T 54584.0000	T 54480.0000	T 55355.0000	-0.7757
3	16:16:59	99.42%	-0.0038	TM 237600.0000	T 53978.0000	T 54100.0000	T 55088.0000	-0.8129
4	16:17:27	97.17%	-0.0025	TM 241620.0000	T 55502.0000	T 55124.0000	T 55352.0000	-0.8203
5	16:17:54	99.12%	-0.0047	TM 239060.0000	T 53643.0000	T 53747.0000	T 54351.0000	-0.7184
x		98.15%	-0.0059	TM 240490.0000	T 54459.0000	T 54480.0000	T 55090.0000	-0.7943
%RSD		1.08	55.1740	TM 0.8570	T 1.3037	T 1.0527	T 0.7761	6.1746

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:16:04	T 8648.2000	TM 249120.0000	97.23%	0.7728	7.6304	12.1720	1495.6000
2	16:16:31	T 8729.0000	TM 249530.0000	97.54%	0.8909	5.2183	12.0180	1454.7000
3	16:16:59	T 8730.0000	TM 248550.0000	97.49%	0.9270	5.3348	10.2570	1419.6000
4	16:17:27	T 8702.2000	TM 248190.0000	98.73%	0.9914	5.3084	10.3590	1352.6000
5	16:17:54	T 8622.4000	TM 246130.0000	98.23%	0.8771	6.5565	11.6450	1423.5000
x		T 8686.3000	TM 248300.0000	97.85%	0.8918	6.0097	11.2900	1429.2000
%RSD		T 0.5617	TM 0.5319	0.63	8.9606	17.6480	8.1254	3.6799

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:16:04	-3.0146	97.25%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:16:31	7.1108	97.54%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:16:59	-11.1880	98.10%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:17:27	-11.6260	98.31%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:17:54	7.7521	97.37%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-2.1932	97.71%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		430.1700	0.48	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:16:04	91.06%	-1.2272	0.0000	0.0000	103.50%	93.47%	0.0000
2	16:16:31	91.28%	-0.0013	0.0000	0.0000	102.80%	93.49%	0.0000
3	16:16:59	91.82%	-0.3825	0.0000	0.0000	102.75%	93.05%	0.0000
4	16:17:27	91.83%	-0.9482	0.0000	0.0000	102.34%	92.84%	0.0000
5	16:17:54	90.59%	-0.8648	0.0000	0.0000	102.41%	92.79%	-0.4531
x		91.32%	-0.6848	0.0000	0.0000	102.76%	93.13%	-0.0906
%RSD		0.58	71.3350	0.0000	0.0000	0.45	0.36	223.6100

MF4T98 09/14/2011 16:18:41

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:19:09	93.64%	-0.0006	TM 218950.0000	T 28196.0000	T 28379.0000	T 28847.0000	5.6419
2	16:19:37	91.23%	-0.0053	TM 217450.0000	T 28483.0000	T 29006.0000	T 29054.0000	5.6332
3	16:20:04	92.12%	-0.0013	TM 219040.0000	T 27885.0000	T 27834.0000	T 28666.0000	5.4871
4	16:20:32	90.00%	-0.0061	TM 223730.0000	T 28376.0000	T 28946.0000	T 29387.0000	5.8948
5	16:20:59	90.61%	-0.0136	TM 219280.0000	T 28353.0000	T 28333.0000	T 28097.0000	5.4135
x		91.52%	-0.0054	TM 219690.0000	T 28258.0000	T 28500.0000	T 28810.0000	5.6141
%RSD		1.56	96.3010	TM 1.0789	T 0.8225	T 1.7018	T 1.6670	3.2884

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:19:09	T 5993.1000	TM 148540.0000	92.66%	0.7608	7.6744	5.0620	750.9100
2	16:19:37	T 6020.6000	TM 148810.0000	91.84%	0.7350	6.7333	4.2260	768.7500
3	16:20:04	T 5963.4000	TM 149830.0000	91.68%	0.8458	7.6204	3.9048	780.9000
4	16:20:32	T 6038.4000	TM 150710.0000	90.74%	0.7556	7.6207	4.7727	830.1100
5	16:20:59	T 5967.6000	TM 147810.0000	91.34%	0.7121	5.4179	4.7889	777.1100
x		T 5996.6000	TM 149140.0000	91.65%	0.7619	7.0133	4.5509	781.5500
%RSD		T 0.5456	TM 0.7646	0.77	6.6543	13.8950	10.3660	3.7742

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:19:09	-9.0268	94.15%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:19:37	5.3074	93.92%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:20:04	-2.8436	92.84%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:20:32	-0.4025	92.24%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:20:59	-5.8462	92.50%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-2.5624	93.13%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		213.0900	0.92	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:19:09	88.88%	-1.6607	0.0000	0.0000	101.46%	93.37%	0.0000
2	16:19:37	87.85%	-0.7318	0.0000	0.0000	101.47%	93.56%	-0.2247
3	16:20:04	87.68%	-1.8545	0.0000	0.0000	101.36%	93.79%	0.0000
4	16:20:32	86.14%	-0.8902	0.0000	0.0000	100.52%	93.52%	0.0000
5	16:20:59	85.92%	-1.6004	0.0000	0.0000	101.18%	92.76%	0.0000
x		87.29%	-1.3475	0.0000	0.0000	101.20%	93.40%	-0.0449
%RSD		1.42	37.2400	0.0000	0.0000	0.39	0.42	223.6100

MF4TA1 09/14/2011 16:21:46

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:22:14	89.76%	-0.0007	TM 232760.0000	T 51046.0000	T 51918.0000	T 52934.0000	18.0910
2	16:22:41	89.46%	-0.0092	TM 228550.0000	T 51340.0000	T 51780.0000	T 52110.0000	T 20.6030
3	16:23:08	89.17%	-0.0017	TM 233630.0000	T 51474.0000	T 51209.0000	T 51725.0000	18.1780
4	16:23:36	91.14%	-0.0136	TM 232230.0000	T 51066.0000	T 51442.0000	T 51047.0000	17.9320
5	16:24:04	89.44%	-0.0081	TM 231790.0000	T 50873.0000	T 50784.0000	T 51410.0000	17.9350
x		89.79%	-0.0066	TM 231790.0000	T 51160.0000	T 51427.0000	T 51845.0000	T 18.5480
%RSD		0.87	81.2230	TM 0.8357	T 0.4743	T 0.8844	T 1.3965	T 6.2191

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:22:14	T 7778.4000	TM 211530.0000	88.85%	0.9212	16.9380	19.2180	1268.1000
2	16:22:41	T 7748.1000	TM 208810.0000	89.61%	0.8967	16.3820	18.3430	1128.1000
3	16:23:08	T 7606.6000	TM 208830.0000	90.50%	0.9375	16.8320	17.6620	1160.3000
4	16:23:36	T 7670.4000	TM 212390.0000	89.60%	0.9220	16.8920	19.5280	1125.3000
5	16:24:04	T 7641.8000	TM 207440.0000	89.87%	0.8825	15.1870	17.0070	1141.9000
x		T 7689.1000	TM 209800.0000	89.69%	0.9120	16.4460	18.3520	1164.7000
%RSD		T 0.9391	TM 0.9880	0.66	2.4148	4.4889	5.7276	5.1030

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:22:14	-0.3875	91.09%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:22:41	-6.7476	91.08%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:23:08	1.3739	91.54%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:23:36	-13.1340	91.14%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:24:04	14.3540	92.30%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-0.9082	91.43%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		1130.9000	0.57	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:22:14	83.71%	-1.5488	0.0000	0.0000	98.34%	89.77%	0.0000
2	16:22:41	84.97%	-1.7010	0.0000	0.0000	98.73%	90.08%	0.0000
3	16:23:08	84.99%	-0.4571	0.0000	0.0000	99.61%	90.57%	0.0000
4	16:23:36	84.17%	-2.3166	0.0000	0.0000	99.12%	90.05%	0.0000
5	16:24:04	84.44%	-1.7509	0.0000	0.0000	100.28%	91.04%	0.0000
x		84.45%	-1.5549	0.0000	0.0000	99.22%	90.30%	0.0000
%RSD		0.64	43.6800	0.0000	0.0000	0.76	0.56	0.0000

MF4TA2 09/14/2011 16:24:51

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:25:17	90.63%	-0.0135	TM 234180.0000	T 52404.0000	T 52026.0000	T 52484.0000	8.4951
2	16:25:45	89.45%	-0.0007	TM 234600.0000	T 51902.0000	T 51945.0000	T 52978.0000	8.6491
3	16:26:13	90.40%	-0.0051	TM 233730.0000	T 50964.0000	T 51555.0000	T 52061.0000	8.3565
4	16:26:40	90.63%	-0.0125	TM 231210.0000	T 50878.0000	T 51573.0000	T 51919.0000	8.5919
5	16:27:07	89.61%	-0.0071	TM 231670.0000	T 50494.0000	T 50819.0000	T 51820.0000	8.4851
x		90.14%	-0.0078	TM 233080.0000	T 51329.0000	T 51584.0000	T 52252.0000	8.5155
%RSD		0.63	68.5700	TM 0.6589	T 1.5456	T 0.9261	T 0.9153	1.3171

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:25:17	T 7708.6000	TM 212770.0000	89.74%	1.0041	9.1727	9.2646	1263.6000
2	16:25:45	T 7759.2000	TM 211410.0000	90.04%	0.8420	8.4053	10.4040	1162.1000
3	16:26:13	T 7706.6000	TM 210930.0000	91.19%	0.8886	8.8207	7.9514	1275.0000
4	16:26:40	T 7745.2000	TM 212940.0000	91.33%	0.8486	8.0928	10.4150	1109.1000
5	16:27:07	T 7653.2000	TM 210020.0000	90.20%	0.8205	8.4469	8.5860	1117.5000
x		T 7714.6000	TM 211610.0000	90.50%	0.8808	8.5877	9.3241	1185.5000
%RSD		T 0.5343	TM 0.5863	0.79	8.3113	4.8524	11.7330	6.6840

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:25:17	-0.2394	91.26%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:25:45	8.6507	92.10%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:26:13	-0.5911	93.25%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:26:40	5.9328	93.84%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:27:07	-13.0540	93.55%	0.0000	0.0000	0.0000	0.0000	0.0000
x		0.1397	92.80%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		5996.1000	1.17	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:25:17	84.80%	-0.8698	0.0000	0.0000	99.58%	90.53%	0.0000
2	16:25:45	85.39%	-1.5982	0.0000	0.0000	100.73%	91.98%	-0.2286
3	16:26:13	86.13%	-0.9911	0.0000	0.0000	101.55%	92.47%	0.0000
4	16:26:40	86.57%	-1.4771	0.0000	0.0000	102.31%	93.33%	0.0000
5	16:27:07	86.31%	-1.9890	0.0000	0.0000	102.37%	93.86%	0.0000
x		85.84%	-1.3850	0.0000	0.0000	101.31%	92.43%	-0.0457
%RSD		0.85	33.0740	0.0000	0.0000	1.16	1.40	223.6100

MF4TB4 09/14/2011 16:27:54

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:28:22	90.11%	-0.0050	TM 219350.0000	T 28228.0000	T 28440.0000	T 28471.0000	-0.2353
2	16:28:49	90.27%	-0.0040	TM 212920.0000	T 27971.0000	T 28300.0000	T 28504.0000	-0.1539
3	16:29:16	90.21%	-0.0051	TM 219020.0000	T 28194.0000	T 28525.0000	T 28605.0000	-0.0594
4	16:29:44	90.03%	-0.0135	TM 214610.0000	T 27516.0000	T 27505.0000	T 28061.0000	-0.1700
5	16:30:12	89.68%	-0.0060	TM 215260.0000	T 27353.0000	T 27678.0000	T 28215.0000	-0.1098
x		90.06%	-0.0067	TM 216230.0000	T 27852.0000	T 28089.0000	T 28371.0000	-0.1457
%RSD		0.26	57.2080	TM 1.3090	T 1.4298	T 1.6581	T 0.7925	45.3050

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:28:22	T 5977.7000	TM 148440.0000	89.26%	0.6699	4.9382	2.6335	735.2900
2	16:28:49	T 5986.2000	TM 146460.0000	90.72%	0.7608	4.6110	-1.0989	729.2500
3	16:29:16	T 6012.4000	TM 147880.0000	89.60%	0.6946	3.9417	-0.0842	768.9300
4	16:29:44	T 5931.1000	TM 147720.0000	89.90%	0.6482	2.5119	-0.8632	739.5500
5	16:30:12	T 5951.5000	TM 148640.0000	89.75%	0.7158	4.5169	-0.3638	729.3800
x		T 5971.8000	TM 147830.0000	89.85%	0.6979	4.1039	0.0447	740.4800
%RSD		T 0.5267	TM 0.5786	0.61	6.2233	23.3860	3360.0000	2.2256

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:28:22	-3.7699	92.79%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:28:49	9.8669	93.34%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:29:16	-9.8065	94.50%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:29:44	2.9841	93.67%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:30:12	-13.3730	94.28%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-2.8197	93.72%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		334.4400	0.74	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:28:22	87.28%	-1.9231	0.0000	0.0000	102.99%	95.44%	0.0000
2	16:28:49	88.00%	-1.7410	0.0000	0.0000	104.09%	96.58%	0.0000
3	16:29:16	88.20%	-1.0698	0.0000	0.0000	104.38%	96.96%	0.0000
4	16:29:44	87.84%	-1.9636	0.0000	0.0000	105.16%	96.79%	0.0000
5	16:30:12	88.13%	-1.4750	0.0000	0.0000	105.32%	97.79%	0.0000
x		87.89%	-1.6345	0.0000	0.0000	104.39%	96.71%	0.0000
%RSD		0.42	22.6310	0.0000	0.0000	0.90	0.87	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:31:27	103.54%	-0.0184	42.5140	4.2010	3.7066	4.3173	-1.7019
2	16:31:54	104.16%	-0.0175	30.6750	2.5013	2.7880	2.5838	-1.6878
3	16:32:22	104.67%	-0.0166	23.4100	1.8768	1.5454	1.7315	-1.7122
4	16:32:50	104.86%	-0.0184	19.4460	1.1873	1.6451	1.2330	-1.7477
5	16:33:16	104.26%	-0.0212	16.6880	1.0352	0.7713	1.1521	-1.6991
x		104.30%	-0.0184	26.5470	2.1603	2.0913	2.2035	-1.7097
%RSD		0.49	9.2812	39.0320	59.3420	55.2190	59.5290	1.3427
Run	**Time**	**39K**	**44Ca**	**45Sc**	**47Ti**	**54Fe**	**56Fe**	**57Fe**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:31:27	2.0726	20.8010	97.30%	0.0209	7.3587	3.7832	-1.7737
2	16:31:54	1.3824	14.1740	98.77%	0.0124	4.5313	3.8603	-0.6842
3	16:32:22	2.2084	9.7089	99.26%	0.0324	3.8331	4.1497	-1.8118
4	16:32:50	2.9507	6.8583	98.52%	-0.0128	5.3830	4.2867	-0.8278
5	16:33:16	2.6512	4.7926	98.58%	0.0024	6.2459	4.6204	-1.8608
x		2.2531	11.2670	98.49%	0.0111	5.4704	4.1400	-1.3917
%RSD		26.6110	56.6810	0.73	156.2200	25.4240	8.1724	41.9150
Run	**Time**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:31:27	4.4678	104.23%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:31:54	-6.9450	105.06%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:32:22	6.4900	104.27%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:32:50	1.5218	104.49%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:33:16	7.3188	104.96%	0.0000	0.0000	0.0000	0.0000	0.0000
x		2.5707	104.60%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		224.4400	0.37	0.0000	0.0000	0.0000	0.0000	0.0000
Run	**Time**	**103Rh**	**108Mo O**	**115In**	**118Sn**	**159Tb**	**209Bi**	**220Bkg**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:31:27	103.84%	-2.3239	0.0000	0.0000	112.26%	113.21%	0.0000
2	16:31:54	103.84%	-1.3587	0.0000	0.0000	112.63%	113.21%	0.0000
3	16:32:22	104.07%	-1.8592	0.0000	0.0000	112.05%	113.20%	0.0000
4	16:32:50	103.41%	-0.2131	0.0000	0.0000	111.39%	112.33%	0.0000
5	16:33:16	103.08%	-1.3822	0.0000	0.0000	110.20%	111.32%	0.0000
x		103.65%	-1.4274	0.0000	0.0000	111.71%	112.65%	0.0000
%RSD		0.38	55.0670	0.0000	0.0000	0.85	0.74	0.0000

CCV2 09/14/2011 16:34:04

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:34:31	88.47%	↑2496.9000	↑47906.0000	↑47554.0000	↑47519.0000	↑48054.0000	↑50696.0000
2	16:34:59	90.24%	↑2517.8000	↑47707.0000	↑47750.0000	↑47823.0000	↑47901.0000	↑50914.0000
3	16:35:26	89.78%	↑2491.8000	↑47604.0000	↑47025.0000	↑46810.0000	↑46686.0000	↑49768.0000
4	16:35:53	91.15%	↑2506.9000	↑48228.0000	↑47519.0000	↑47967.0000	↑47967.0000	↑50010.0000
5	16:36:20	92.14%	↑2472.3000	↑48354.0000	↑47881.0000	↑47670.0000	↑48193.0000	↑49844.0000
x		90.36%	↑2497.1000	↑47960.0000	↑47546.0000	↑47558.0000	↑47760.0000	↑50246.0000
%RSD		1.54	↑0.6843	↑0.6764	↑0.6865	↑0.9470	↑1.2780	↑1.0408

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:34:31	↑51403.0000	↑50329.0000	86.47%	0.0628	↑52623.0000	↑51601.0000	↑51817.0000
2	16:34:59	↑51394.0000	↑50785.0000	87.54%	0.0445	↑52439.0000	↑51739.0000	↑51640.0000
3	16:35:26	↑51092.0000	↑51490.0000	88.94%	0.0658	↑51951.0000	↑51159.0000	↑51616.0000
4	16:35:53	↑51578.0000	↑51052.0000	88.72%	0.0858	↑52829.0000	↑52353.0000	↑52480.0000
5	16:36:20	↑51035.0000	↑51002.0000	89.39%	0.0541	↑52458.0000	↑51161.0000	↑51602.0000
x		↑51300.0000	↑50932.0000	88.21%	0.0626	↑52460.0000	↑51603.0000	↑51831.0000
%RSD		↑0.4474	↑0.8303	1.35	24.5970	↑0.6196	↑0.9559	↑0.7200

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:34:31	-14.3500	87.33%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:34:59	-17.1670	87.39%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:35:26	5.4862	88.11%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:35:53	-22.2400	88.40%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:36:20	-16.7260	88.88%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-12.9990	88.02%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		82.5120	0.76	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:34:31	86.51%	-8.3707	0.0000	0.0000	92.32%	91.32%	0.0000
2	16:34:59	87.14%	-14.8590	0.0000	0.0000	92.41%	91.70%	-0.2293
3	16:35:26	87.67%	1.5981	0.0000	0.0000	92.86%	91.39%	-0.2300
4	16:35:53	87.92%	1.9625	0.0000	0.0000	92.45%	91.51%	-0.4594
5	16:36:20	88.61%	-4.5886	0.0000	0.0000	93.07%	91.94%	-0.6860
x		87.57%	-4.8515	0.0000	0.0000	92.62%	91.57%	-0.3209
%RSD		0.91	145.9800	0.0000	0.0000	0.35	0.27	81.2680

CCB2 09/14/2011 16:37:10

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:37:37	99.89%	0.4654	18.5630	8.7967	8.5631	8.8636	7.0469
2	16:38:05	101.15%	0.1221	12.2380	2.8420	2.8198	2.6536	0.5391
3	16:38:32	100.98%	0.0797	9.9708	1.5641	1.5557	1.2770	-0.8730
4	16:39:00	103.18%	0.0389	8.4122	0.8608	0.9778	1.0379	-1.2908
5	16:39:27	105.38%	0.0377	7.3886	0.5396	0.5861	0.6864	-1.5869
x		102.12%	0.1488	11.3140	2.9206	2.9005	2.9037	0.7671
%RSD		2.13	121.2500	39.2860	116.4700	112.9500	117.5800	469.8400

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:37:37	16.4790	7.0390	98.98%	-0.0128	7.4008	10.8830	11.6040
2	16:38:05	10.3340	2.9677	99.59%	0.0147	2.0726	4.3776	5.1445
3	16:38:32	7.7386	-1.0120	101.76%	-0.0061	1.3464	3.2796	2.8622
4	16:39:00	8.4750	-1.6343	100.87%	0.0090	0.7764	3.5446	3.8575
5	16:39:27	7.2726	-3.1646	102.46%	-0.0087	0.3814	2.7149	0.9940
x		10.0600	0.8392	100.73%	-0.0008	2.3955	4.9600	4.8925
%RSD		37.5090	493.2900	1.44	1537.9000	119.7900	67.8410	82.7120

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:37:37	-6.2031	99.91%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:38:05	7.2800	101.15%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:38:32	1.0672	101.30%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:39:00	9.3269	103.13%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:39:27	2.1119	103.73%	0.0000	0.0000	0.0000	0.0000	0.0000
x		2.7166	101.84%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		223.2800	1.53	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:37:37	98.70%	-0.4910	0.0000	0.0000	102.42%	103.31%	0.0000
2	16:38:05	99.25%	1.2483	0.0000	0.0000	103.12%	104.03%	0.0000
3	16:38:32	100.11%	0.0086	0.0000	0.0000	102.96%	105.12%	0.0000
4	16:39:00	100.98%	0.6489	0.0000	0.0000	103.69%	105.58%	-0.1991
5	16:39:27	102.68%	1.7597	0.0000	0.0000	104.81%	106.48%	0.0000
x		100.34%	0.6349	0.0000	0.0000	103.40%	104.90%	-0.0398
%RSD		1.56	143.0900	0.0000	0.0000	0.88	1.20	223.6100

MF4T31-3x 09/14/2011 16:40:18

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:40:45	94.11%	-0.0017	T86743.0000	T18433.0000	T18294.0000	T18501.0000	-0.0187
2	16:41:12	93.73%	-0.0027	T85847.0000	T18401.0000	T18481.0000	T18456.0000	0.0758
3	16:41:39	97.05%	0.0045	T85349.0000	T17956.0000	T17982.0000	T18203.0000	-0.1315
4	16:42:07	96.39%	-0.0052	T84927.0000	T18113.0000	T18345.0000	T18237.0000	-0.0967
5	16:42:34	94.92%	0.0051	T84522.0000	T18067.0000	T18111.0000	T18347.0000	0.0182
x		95.24%	0.0000	T85478.0000	T18194.0000	T18243.0000	T18349.0000	-0.0306
%RSD		1.51	35508.0000	T1.0081	T1.1644	T1.0799	T0.7132	275.7300

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:40:45	T3397.5000	T71741.0000	93.01%	0.3466	5.7128	8.0611	521.2300
2	16:41:12	T3405.6000	T73671.0000	92.55%	0.4047	5.4737	10.2050	498.6500
3	16:41:39	T3333.2000	T71389.0000	93.96%	0.3292	4.7704	8.5167	467.2200
4	16:42:07	T3371.0000	T71332.0000	93.23%	0.3962	5.9964	10.3560	474.0400
5	16:42:34	T3380.3000	T72184.0000	93.58%	0.3038	4.9800	7.9488	441.9800
x		T3377.5000	T72064.0000	93.27%	0.3561	5.3867	9.0176	480.6200
%RSD		T0.8373	T1.3335	0.58	12.1730	9.4248	13.0160	6.3193

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:40:45	9.2386	93.15%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:41:12	5.2301	95.29%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:41:39	12.1120	95.22%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:42:07	-8.2253	95.55%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:42:34	6.6954	95.37%	0.0000	0.0000	0.0000	0.0000	0.0000
x		5.0101	94.92%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		156.6500	1.05	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:40:45	89.57%	0.1002	0.0000	0.0000	97.85%	94.30%	0.0000
2	16:41:12	90.11%	1.0432	0.0000	0.0000	98.76%	95.26%	0.0000
3	16:41:39	90.39%	-0.0897	0.0000	0.0000	100.08%	96.46%	0.0000
4	16:42:07	91.27%	-0.3889	0.0000	0.0000	101.15%	97.42%	0.0000
5	16:42:34	92.12%	-0.2983	0.0000	0.0000	102.02%	98.52%	0.0000
x		90.69%	0.0733	0.0000	0.0000	99.97%	96.39%	0.0000
%RSD		1.11	783.6000	0.0000	0.0000	1.70	1.74	0.0000

MF4T32-3x 09/14/2011 16:43:21

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:43:48	97.01%	0.0026	┬83863.0000	┬17854.0000	┬17845.0000	┬17982.0000	-0.1672
2	16:44:15	96.44%	-0.0032	┬83880.0000	┬17967.0000	┬17982.0000	┬17856.0000	-0.1746
3	16:44:43	95.74%	-0.0100	┬83520.0000	┬17792.0000	┬17863.0000	┬18181.0000	-0.1142
4	16:45:10	93.88%	0.0004	┬84745.0000	┬17898.0000	┬18180.0000	┬18696.0000	-0.1157
5	16:45:37	94.15%	-0.0048	┬83670.0000	┬17684.0000	┬17795.0000	┬17996.0000	-0.1544
x		95.44%	-0.0030	┬83935.0000	┬17839.0000	┬17933.0000	┬18142.0000	-0.1452
%RSD		1.45	162.3800	┬0.5673	┬0.6032	┬0.8592	┬1.8232	19.6540

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:43:48	┬3283.9000	┬70201.0000	92.74%	0.3607	0.6957	4.5068	444.0400
2	16:44:15	┬3321.5000	┬70754.0000	92.56%	0.3452	1.7947	2.7861	464.3500
3	16:44:43	┬3342.5000	┬70641.0000	92.59%	0.2775	1.1855	4.7647	425.5500
4	16:45:10	┬3426.0000	┬71702.0000	91.98%	0.3826	1.3864	3.5657	402.2800
5	16:45:37	┬3374.1000	┬70317.0000	92.29%	0.3542	0.1862	2.7440	392.5800
x		┬3349.6000	┬70723.0000	92.43%	0.3441	1.0497	3.6735	425.7600
%RSD		┬1.6064	┬0.8374	0.32	11.5300	59.4530	25.6390	6.9230

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:43:48	-8.4312	95.24%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:44:15	9.4054	95.50%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:44:43	4.1073	95.87%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:45:10	9.7913	96.66%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:45:37	-5.8631	96.35%	0.0000	0.0000	0.0000	0.0000	0.0000
x		1.8019	95.92%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		472.8800	0.61	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:43:48	91.86%	-0.5868	0.0000	0.0000	102.39%	98.81%	0.0000
2	16:44:15	92.80%	-0.1540	0.0000	0.0000	103.52%	99.98%	0.0000
3	16:44:43	92.42%	-0.7897	0.0000	0.0000	103.87%	100.52%	0.0000
4	16:45:10	91.87%	-1.8359	0.0000	0.0000	104.96%	101.47%	0.0000
5	16:45:37	92.42%	-1.6443	0.0000	0.0000	105.35%	101.92%	0.0000
x		92.28%	-1.0021	0.0000	0.0000	104.02%	100.54%	0.0000
%RSD		0.44	71.3400	0.0000	0.0000	1.14	1.23	0.0000

MF4T65-2x 09/14/2011 16:46:24

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:46:52	93.92%	0.0004	T 78143.0000	T 27009.0000	T 27206.0000	T 27710.0000	-0.6182
2	16:47:19	93.52%	-0.0036	T 81219.0000	T 28067.0000	T 27850.0000	T 28118.0000	-0.6231
3	16:47:47	94.11%	-0.0027	T 78092.0000	T 27241.0000	T 27150.0000	T 27721.0000	-0.5135
4	16:48:14	92.54%	-0.0024	T 79688.0000	T 27342.0000	T 27682.0000	T 28021.0000	-0.6674
5	16:48:42	94.60%	-0.0028	T 77717.0000	T 26961.0000	T 27536.0000	T 27645.0000	-0.5354
x		93.74%	-0.0022	T 78972.0000	T 27324.0000	T 27485.0000	T 27843.0000	-0.5915
%RSD		0.82	68.0550	T 1.8565	T 1.6273	T 1.0983	T 0.7597	10.9250

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:46:52	T 2035.2000	T 89242.0000	91.25%	0.5835	44.4870	2.2139	490.1600
2	16:47:19	T 2023.7000	T 88006.0000	89.97%	0.5834	42.6510	1.4532	514.0200
3	16:47:47	T 2025.6000	T 87886.0000	91.26%	0.5311	45.3930	1.2342	530.3200
4	16:48:14	T 2056.7000	T 88179.0000	90.73%	0.5373	46.8340	1.8905	511.5000
5	16:48:42	T 2050.1000	T 87067.0000	89.65%	0.5661	47.7900	2.8833	534.9200
x		T 2038.3000	T 88076.0000	90.57%	0.5603	45.4310	1.9350	516.1800
%RSD		T 0.7207	T 0.8848	0.82	4.4518	4.4237	33.7130	3.4315

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:46:52	-0.8795	94.10%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:47:19	9.6932	94.87%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:47:47	5.7451	95.09%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:48:14	10.9620	94.44%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:48:42	5.3845	94.48%	0.0000	0.0000	0.0000	0.0000	0.0000
x		6.1811	94.60%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		74.9590	0.41	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:46:52	90.44%	-1.5457	0.0000	0.0000	104.28%	99.82%	0.0000
2	16:47:19	90.20%	-1.0899	0.0000	0.0000	105.03%	100.55%	0.0000
3	16:47:47	91.15%	-1.2066	0.0000	0.0000	104.75%	100.14%	0.0000
4	16:48:14	90.42%	-1.1252	0.0000	0.0000	104.80%	99.92%	0.0000
5	16:48:42	90.76%	-0.0183	0.0000	0.0000	104.74%	100.21%	0.0000
x		90.59%	-0.9971	0.0000	0.0000	104.72%	100.13%	0.0000
%RSD		0.41	57.7850	0.0000	0.0000	0.26	0.28	0.0000

MF4T66-2x 09/14/2011 16:49:29

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:49:56	93.23%	-0.0015	T 76941.0000	T 27159.0000	T 27591.0000	T 27672.0000	0.8229
2	16:50:24	92.88%	0.0037	T 76825.0000	T 27435.0000	T 27139.0000	T 27543.0000	0.7774
3	16:50:51	92.11%	-0.0064	T 79222.0000	T 27412.0000	T 27571.0000	T 27912.0000	0.7217
4	16:51:18	91.03%	-0.0073	T 79071.0000	T 27440.0000	T 27720.0000	T 27811.0000	0.7727
5	16:51:45	91.46%	0.0020	T 79071.0000	T 27072.0000	T 27002.0000	T 27739.0000	0.8791
x		92.14%	-0.0019	T 78226.0000	T 27304.0000	T 27405.0000	T 27735.0000	0.7948
%RSD		1.00	257.4500	T 1.5701	T 0.6406	T 1.1448	T 0.5030	7.4538

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:49:56	T 1952.5000	T 85769.0000	90.85%	0.5011	2.5613	3.6806	566.4100
2	16:50:24	T 1970.1000	T 86025.0000	91.52%	0.4916	1.1464	2.1851	514.9300
3	16:50:51	T 1997.0000	T 87948.0000	89.70%	0.5020	2.8545	2.9671	523.0200
4	16:51:18	T 1989.2000	T 85781.0000	90.11%	0.6133	1.5616	3.2839	551.4200
5	16:51:45	T 2001.7000	T 86377.0000	89.21%	0.4768	2.3728	3.7968	520.8400
x		T 1982.1000	T 86380.0000	90.28%	0.5170	2.0993	3.1827	535.3300
%RSD		T 1.0329	T 1.0543	1.02	10.6030	34.1480	20.3440	4.1798

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:49:56	12.6090	93.18%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:50:24	10.2950	94.37%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:50:51	10.5230	93.40%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:51:18	-8.7765	93.76%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:51:45	5.0111	93.65%	0.0000	0.0000	0.0000	0.0000	0.0000
x		5.9323	93.67%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		146.4400	0.48	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:49:56	89.09%	-0.3328	0.0000	0.0000	102.22%	97.11%	0.0000
2	16:50:24	89.76%	-0.6521	0.0000	0.0000	102.45%	98.15%	0.0000
3	16:50:51	89.37%	-0.1812	0.0000	0.0000	101.42%	97.47%	0.0000
4	16:51:18	88.95%	-1.4226	0.0000	0.0000	101.94%	97.34%	0.0000
5	16:51:45	89.38%	-0.7606	0.0000	0.0000	100.92%	96.94%	0.0000
x		89.31%	-0.6699	0.0000	0.0000	101.79%	97.41%	0.0000
%RSD		0.35	71.8860	0.0000	0.0000	0.61	0.48	0.0000

MF4T66S-2x 09/14/2011 16:52:32

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:52:59	91.61%	22.4490	T79769.0000	T28043.0000	T28168.0000	T28431.0000	T997.8300
2	16:53:26	92.71%	21.6090	T78869.0000	T27804.0000	T28048.0000	T28158.0000	T983.6900
3	16:53:54	91.70%	22.3210	T79816.0000	T28117.0000	T28516.0000	T28553.0000	T1002.5000
4	16:54:22	92.78%	22.2680	T80332.0000	T28608.0000	T28474.0000	T28723.0000	T1005.7000
5	16:54:49	91.66%	22.4500	T79018.0000	T27478.0000	T27693.0000	T28165.0000	T989.5700
x		92.09%	22.2190	T79561.0000	T28010.0000	T28180.0000	T28406.0000	T995.8500
%RSD		0.65	1.5764	T0.7636	T1.4891	T1.1960	T0.8666	T0.9154

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:52:59	T2016.1000	T88563.0000	90.90%	0.6029	40.2110	1.6980	516.7400
2	16:53:26	T2021.3000	T88709.0000	90.11%	0.5499	38.2980	1.5191	535.4100
3	16:53:54	T2018.3000	T88233.0000	90.82%	0.4849	41.9600	1.9201	526.9200
4	16:54:22	T2079.4000	T89030.0000	90.32%	0.5262	41.8020	3.5660	547.0800
5	16:54:49	T2058.6000	T88797.0000	90.39%	0.5399	42.8240	1.4768	561.8600
x		T2038.7000	T88666.0000	90.51%	0.5408	41.0190	2.0360	537.6000
%RSD		T1.4055	T0.3336	0.37	7.8883	4.3635	42.8770	3.2651

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:52:59	-8.2412	92.04%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:53:26	-3.8180	92.55%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:53:54	8.8694	92.53%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:54:22	0.7634	93.31%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:54:49	2.4557	92.39%	0.0000	0.0000	0.0000	0.0000	0.0000
x		0.0059	92.56%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		110640.0000	0.50	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:52:59	89.16%	-3.4189	0.0000	0.0000	100.24%	96.30%	0.0000
2	16:53:26	88.80%	-0.9446	0.0000	0.0000	101.04%	96.49%	0.0000
3	16:53:54	89.02%	-0.8518	0.0000	0.0000	101.20%	96.81%	0.0000
4	16:54:22	88.81%	-3.4570	0.0000	0.0000	100.95%	97.14%	0.0000
5	16:54:49	89.80%	-1.6191	0.0000	0.0000	101.41%	96.59%	0.0000
x		89.12%	-2.0583	0.0000	0.0000	100.97%	96.67%	0.0000
%RSD		0.46	62.8620	0.0000	0.0000	0.44	0.34	0.0000

MF4T66D-2x 09/14/2011 16:55:36

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:56:03	92.72%	0.0007	T 79477.0000	T 27884.0000	T 27959.0000	T 28263.0000	1.3008
2	16:56:31	92.90%	-0.0055	T 78355.0000	T 27318.0000	T 27137.0000	T 27361.0000	1.2069
3	16:56:58	94.16%	-0.0047	T 78172.0000	T 27392.0000	T 27432.0000	T 27611.0000	1.2449
4	16:57:26	92.09%	-0.0033	T 77318.0000	T 27027.0000	T 27050.0000	T 27115.0000	1.0141
5	16:57:54	94.54%	-0.0109	T 78058.0000	T 27007.0000	T 26575.0000	T 26706.0000	1.2381
x		93.28%	-0.0048	T 78276.0000	T 27325.0000	T 27231.0000	T 27411.0000	1.2010
%RSD		1.11	87.6330	T 0.9948	T 1.3034	T 1.8737	T 2.1207	9.1449

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:56:03	T 1999.6000	T 88180.0000	89.59%	0.4499	1.2459	3.8270	563.0500
2	16:56:31	T 1964.9000	T 85602.0000	90.46%	0.5890	2.2097	3.5547	545.7600
3	16:56:58	T 1937.1000	T 85184.0000	90.54%	0.4972	2.2236	1.9389	540.3100
4	16:57:26	T 1929.9000	T 85198.0000	90.96%	0.5004	3.2416	4.9604	546.2700
5	16:57:54	T 1924.1000	T 85063.0000	92.43%	0.5462	1.2852	2.6609	518.3600
x		T 1951.1000	T 85845.0000	90.79%	0.5165	2.0412	3.3884	542.7500
%RSD		T 1.6041	T 1.5385	1.15	10.2500	40.3010	34.0410	2.9629

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:56:03	-10.1120	92.69%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:56:31	0.6702	93.08%	0.0000	0.0000	0.0000	0.0000	0.0000
3	16:56:58	-7.9909	93.85%	0.0000	0.0000	0.0000	0.0000	0.0000
4	16:57:26	9.2630	93.54%	0.0000	0.0000	0.0000	0.0000	0.0000
5	16:57:54	-6.9022	94.29%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-3.0144	93.49%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		264.6500	0.67	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:56:03	88.31%	-1.3018	0.0000	0.0000	100.43%	95.55%	0.0000
2	16:56:31	89.69%	-0.1499	0.0000	0.0000	100.37%	96.55%	-0.2177
3	16:56:58	89.71%	-0.4615	0.0000	0.0000	100.54%	96.46%	0.0000
4	16:57:26	89.19%	-0.9466	0.0000	0.0000	101.21%	97.26%	0.0000
5	16:57:54	89.90%	-1.5449	0.0000	0.0000	101.30%	97.09%	0.0000
x		89.36%	-0.8810	0.0000	0.0000	100.77%	96.58%	-0.0435
%RSD		0.72	65.5190	0.0000	0.0000	0.44	0.69	223.6100

MF4T66L-2x 09/14/2011 16:58:41

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:59:08	98.24%	-0.0074	T 16610.0000	T 5792.6000	5411.0000	5517.4000	-0.4776
2	16:59:36	100.20%	-0.0087	T 16044.0000	T 5685.9000	5353.5000	T 5823.3000	-0.4212
3	17:00:03	101.00%	-0.0069	T 16099.0000	T 5677.1000	T 5702.4000	T 5798.6000	-0.4808
4	17:00:30	101.36%	-0.0145	T 16003.0000	T 5627.9000	5307.0000	T 5847.8000	-0.4162
5	17:00:57	100.36%	-0.0163	T 16155.0000	T 5753.7000	5416.9000	5456.3000	-0.3599
x		100.23%	-0.0108	T 16182.0000	T 5707.4000	T 5438.2000	T 5688.7000	-0.4311
%RSD		1.21	40.2290	T 1.5209	T 1.1458	T 2.8396	T 3.2751	11.6030
Run	**Time**	**39K**	**44Ca**	**45Sc**	**47Ti**	**54Fe**	**56Fe**	**57Fe**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:59:08	401.1500	15756.0000	94.44%	0.1390	-0.3923	3.9570	117.6700
2	16:59:36	399.4900	15816.0000	95.44%	0.1110	-0.5349	3.8366	126.5200
3	17:00:03	401.1000	15878.0000	95.95%	0.1154	-0.9884	3.4084	106.9200
4	17:00:30	404.3200	15913.0000	95.81%	0.1521	1.1894	4.0635	116.8100
5	17:00:57	409.2300	15790.0000	96.23%	0.1253	-0.1470	4.4614	112.0100
x		403.0600	15831.0000	95.57%	0.1286	-0.1746	3.9454	115.9900
%RSD		0.9604	0.4061	0.73	13.2200	470.5100	9.6563	6.2822
Run	**Time**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:59:08	3.3856	98.68%	0.0000	0.0000	0.0000	0.0000	0.0000
2	16:59:36	10.9890	99.50%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:00:03	8.8537	100.76%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:00:30	-1.6049	100.56%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:00:57	-0.0537	101.08%	0.0000	0.0000	0.0000	0.0000	0.0000
x		4.3139	100.12%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		127.0400	1.00	0.0000	0.0000	0.0000	0.0000	0.0000
Run	**Time**	**103Rh**	**108Mo O**	**115In**	**118Sn**	**159Tb**	**209Bi**	**220Bkg**
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	16:59:08	97.15%	-1.0151	0.0000	0.0000	105.27%	104.50%	0.0000
2	16:59:36	98.27%	-0.4614	0.0000	0.0000	105.67%	105.67%	0.0000
3	17:00:03	98.01%	-0.5249	0.0000	0.0000	107.22%	106.80%	0.0000
4	17:00:30	99.38%	-0.9261	0.0000	0.0000	108.00%	107.39%	0.0000
5	17:00:57	99.43%	-1.0815	0.0000	0.0000	107.25%	107.41%	0.0000
x		98.45%	-0.8018	0.0000	0.0000	106.68%	106.35%	0.0000
%RSD		0.98	35.9140	0.0000	0.0000	1.09	1.18	0.0000

MF4T67-3x 09/14/2011 17:01:45

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:02:13	93.84%	-0.0108	┬77547.0000	┬18530.0000	┬18755.0000	┬18826.0000	-0.9733
2	17:02:39	93.22%	-0.0076	┬77184.0000	┬18865.0000	┬19133.0000	┬19244.0000	-0.8973
3	17:03:07	95.54%	-0.0010	┬75336.0000	┬18636.0000	┬18786.0000	┬19021.0000	-0.9333
4	17:03:34	94.33%	-0.0139	┬77906.0000	┬18778.0000	┬18726.0000	┬19002.0000	-0.8591
5	17:04:02	95.48%	-0.0140	┬76018.0000	┬18386.0000	┬18396.0000	┬18730.0000	-1.0051
x		94.48%	-0.0095	┬76798.0000	┬18639.0000	┬18759.0000	┬18965.0000	-0.9336
%RSD		1.08	57.0080	┬1.4088	┬1.0260	┬1.3948	┬1.0435	6.2359

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:02:13	┬2287.2000	┬59119.0000	91.60%	0.3598	0.6474	1.9951	343.1100
2	17:02:39	┬2362.9000	┬59983.0000	90.73%	0.2864	1.0141	2.4834	356.4800
3	17:03:07	┬2318.6000	┬59213.0000	92.13%	0.3358	0.9375	2.0139	329.8300
4	17:03:34	┬2342.3000	┬59587.0000	91.62%	0.3650	-0.6557	1.6816	368.1900
5	17:04:02	┬2313.7000	┬58925.0000	91.86%	0.3747	-0.2230	1.1223	349.6400
x		┬2324.9000	┬59365.0000	91.59%	0.3444	0.3441	1.8592	349.4500
%RSD		┬1.2410	┬0.7089	0.57	10.2940	216.2500	26.9790	4.1118

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:02:13	9.4708	95.84%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:02:39	-3.9840	96.31%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:03:07	4.5307	96.98%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:03:34	5.1450	96.92%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:04:02	-8.4250	98.00%	0.0000	0.0000	0.0000	0.0000	0.0000
x		1.3475	96.81%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		543.4000	0.84	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:02:13	92.30%	-0.9700	0.0000	0.0000	103.58%	100.13%	0.0000
2	17:02:39	92.69%	-0.2563	0.0000	0.0000	105.70%	101.58%	0.0000
3	17:03:07	93.11%	-1.7052	0.0000	0.0000	106.31%	102.95%	0.0000
4	17:03:34	92.31%	-0.7392	0.0000	0.0000	107.10%	103.47%	0.0000
5	17:04:02	94.11%	-0.9519	0.0000	0.0000	107.33%	104.33%	0.0000
x		92.90%	-0.9245	0.0000	0.0000	106.00%	102.49%	0.0000
%RSD		0.81	56.5460	0.0000	0.0000	1.42	1.61	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:05:17	93.77%	-0.0047	┬80010.0000	┬19143.0000	┬18980.0000	┬19358.0000	1.5739
2	17:05:44	93.50%	-0.0159	┬79653.0000	┬19463.0000	┬19356.0000	┬19511.0000	1.7451
3	17:06:11	95.35%	-0.0130	┬77106.0000	┬19170.0000	┬19215.0000	┬19282.0000	1.4699
4	17:06:38	93.71%	-0.0087	┬77611.0000	┬18837.0000	┬18989.0000	┬19313.0000	1.4972
5	17:07:06	94.03%	-0.0118	┬80057.0000	┬19151.0000	┬19237.0000	┬19440.0000	1.6713
x		94.07%	-0.0108	┬78887.0000	┬19153.0000	┬19155.0000	┬19381.0000	1.5915
%RSD		0.78	39.5770	┬1.7942	┬1.1568	┬0.8606	┬0.4853	7.2965

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:05:17	┬2402.3000	┬61570.0000	89.51%	0.3716	2.1651	3.4376	378.6600
2	17:05:44	┬2396.7000	┬61331.0000	90.04%	0.3720	2.1181	3.0264	386.2600
3	17:06:11	┬2373.7000	┬61411.0000	90.48%	0.3561	1.9514	2.5886	356.6800
4	17:06:38	┬2372.5000	┬60242.0000	91.21%	0.3341	2.4855	3.6651	376.0600
5	17:07:06	┬2394.3000	┬61313.0000	89.17%	0.3645	2.2188	3.0712	388.7000
x		┬2387.9000	┬61173.0000	90.08%	0.3597	2.1878	3.1578	377.2700
%RSD		┬0.5774	┬0.8673	0.89	4.3679	8.8760	13.0990	3.3490

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:05:17	14.5830	95.18%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:05:44	10.6180	95.52%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:06:11	3.6630	96.80%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:06:38	8.8752	96.14%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:07:06	7.4749	96.40%	0.0000	0.0000	0.0000	0.0000	0.0000
x		9.0430	96.01%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		44.4430	0.68	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:05:17	90.96%	-0.4893	0.0000	0.0000	105.44%	101.67%	0.0000
2	17:05:44	91.73%	-0.8257	0.0000	0.0000	105.30%	102.02%	0.0000
3	17:06:11	92.16%	-1.8646	0.0000	0.0000	105.98%	102.63%	0.0000
4	17:06:38	91.60%	-0.0729	0.0000	0.0000	105.85%	101.73%	0.0000
5	17:07:06	91.65%	-0.6060	0.0000	0.0000	105.29%	102.04%	0.0000
x		91.62%	-0.7717	0.0000	0.0000	105.57%	102.02%	0.0000
%RSD		0.47	86.7530	0.0000	0.0000	0.30	0.37	0.0000

MF4T73-3x 09/14/2011 17:07:53

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:08:20	96.98%	-0.0023	┬61204.0000	┬12925.0000	┬13100.0000	┬13089.0000	-1.0293
2	17:08:48	97.03%	-0.0132	┬61254.0000	┬12897.0000	┬13155.0000	┬13256.0000	-1.0384
3	17:09:15	95.64%	-0.0130	┬62955.0000	┬13230.0000	┬13379.0000	┬13375.0000	-1.0032
4	17:09:42	96.22%	-0.0061	┬61400.0000	┬12973.0000	┬13280.0000	┬13313.0000	-1.0594
5	17:10:09	96.27%	-0.0161	┬61260.0000	┬12801.0000	┬13041.0000	┬13434.0000	-0.9906
x		96.43%	-0.0101	┬61615.0000	┬12965.0000	┬13191.0000	┬13293.0000	-1.0242
%RSD		0.60	56.1950	┬1.2221	┬1.2409	┬1.0397	┬0.9949	2.6919

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:08:20	┬2459.0000	┬73835.0000	92.48%	0.3535	18.0700	2.1129	493.6000
2	17:08:48	┬2409.9000	┬72270.0000	93.03%	0.2974	18.7080	2.0951	426.3900
3	17:09:15	┬2432.7000	┬73526.0000	92.16%	0.3086	19.1660	3.0489	436.7900
4	17:09:42	┬2471.8000	┬73379.0000	93.10%	0.3213	19.0130	2.1172	449.1800
5	17:10:09	┬2454.3000	┬72154.0000	93.12%	0.3266	17.4100	2.4922	460.1900
x		┬2445.6000	┬73033.0000	92.78%	0.3215	18.4730	2.3733	453.2300
%RSD		┬0.9975	┬1.0515	0.47	6.5875	3.9413	17.3900	5.7166

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:08:20	-0.3361	96.57%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:08:48	1.9904	97.18%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:09:15	8.5856	97.02%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:09:42	4.1486	97.52%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:10:09	21.4430	97.16%	0.0000	0.0000	0.0000	0.0000	0.0000
x		7.1663	97.09%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		120.4500	0.36	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:08:20	93.13%	-0.7404	0.0000	0.0000	104.20%	100.25%	0.0000
2	17:08:48	93.62%	-0.1358	0.0000	0.0000	104.77%	100.76%	0.0000
3	17:09:15	92.84%	-0.3139	0.0000	0.0000	104.53%	101.41%	0.0000
4	17:09:42	92.78%	-0.8852	0.0000	0.0000	105.50%	101.25%	0.0000
5	17:10:09	93.24%	-0.7325	0.0000	0.0000	105.39%	101.51%	0.0000
x		93.12%	-0.5615	0.0000	0.0000	104.88%	101.04%	0.0000
%RSD		0.36	56.9140	0.0000	0.0000	0.53	0.52	0.0000

MF4T74-3x 09/14/2011 17:10:57

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:11:25	97.52%	-0.0093	T59624.0000	T12751.0000	T12790.0000	T12852.0000	-0.9479
2	17:11:52	97.57%	-0.0132	T59272.0000	T12759.0000	T12742.0000	T12849.0000	-1.1096
3	17:12:20	97.06%	-0.0092	T61494.0000	T12801.0000	T12794.0000	T13061.0000	-0.8484
4	17:12:48	94.75%	-0.0099	T61890.0000	T13086.0000	T12891.0000	T13114.0000	-0.8864
5	17:13:14	96.97%	-0.0092	T60360.0000	T12639.0000	T12653.0000	T12868.0000	-0.8500
x		96.77%	-0.0102	T60528.0000	T12807.0000	T12774.0000	T12949.0000	-0.9285
%RSD		1.20	16.9740	T1.8861	T1.3026	T0.6789	T0.9916	11.7430

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:11:25	T2382.8000	T71183.0000	94.11%	0.3335	0.5453	2.8997	453.6700
2	17:11:52	T2364.0000	T71531.0000	94.81%	0.3020	-0.9081	3.0819	435.0500
3	17:12:20	T2417.3000	T71408.0000	92.87%	0.2925	1.2530	2.6003	444.4800
4	17:12:48	T2411.6000	T70980.0000	93.86%	0.2784	0.0717	1.7207	467.0800
5	17:13:14	T2397.8000	T70389.0000	93.74%	0.2870	1.3390	2.0816	477.9700
x		T2394.7000	T71098.0000	93.88%	0.2987	0.4602	2.4768	455.6500
%RSD		T0.9084	T0.6320	0.74	7.1254	201.2500	22.9120	3.7725

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:11:25	10.2650	97.63%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:11:52	4.7798	97.14%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:12:20	-0.3179	98.04%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:12:48	1.4391	98.87%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:13:14	-0.5714	97.33%	0.0000	0.0000	0.0000	0.0000	0.0000
x		3.1189	97.80%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		145.2400	0.70	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:11:25	93.83%	-1.8130	0.0000	0.0000	104.69%	100.36%	0.0000
2	17:11:52	93.57%	-0.2761	0.0000	0.0000	104.39%	101.05%	0.0000
3	17:12:20	94.20%	-0.7038	0.0000	0.0000	104.02%	101.25%	0.0000
4	17:12:48	93.19%	-1.1223	0.0000	0.0000	104.25%	100.85%	0.0000
5	17:13:14	93.17%	-1.1177	0.0000	0.0000	105.05%	100.86%	0.0000
x		93.59%	-1.0066	0.0000	0.0000	104.48%	100.87%	0.0000
%RSD		0.47	56.6660	0.0000	0.0000	0.38	0.33	0.0000

MF4T83-3x 09/14/2011 17:14:03

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:14:30	96.48%	-0.0161	T 74932.0000	T 17399.0000	T 17661.0000	T 17903.0000	-0.9975
2	17:14:58	95.42%	-0.0050	T 74658.0000	T 17220.0000	T 17310.0000	T 17613.0000	-1.2279
3	17:15:25	97.55%	-0.0122	T 74024.0000	T 17168.0000	T 17162.0000	T 17535.0000	-1.1522
4	17:15:53	97.01%	-0.0102	T 73764.0000	T 17434.0000	T 17544.0000	T 17728.0000	-1.0429
5	17:16:21	96.86%	-0.0053	T 74924.0000	T 17554.0000	T 17203.0000	T 17650.0000	-1.0520
x		96.66%	-0.0098	T 74461.0000	T 17355.0000	T 17376.0000	T 17686.0000	-1.0945
%RSD		0.82	48.3640	T 0.7206	T 0.9157	T 1.2522	T 0.7907	8.5494

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:14:30	T 2816.0000	T 83783.0000	92.02%	0.3391	20.2250	5.3814	536.3400
2	17:14:58	T 2766.8000	T 81793.0000	93.41%	0.3604	18.2510	4.6488	546.6200
3	17:15:25	T 2749.2000	T 82060.0000	93.04%	0.2706	20.6150	4.3455	476.6800
4	17:15:53	T 2782.6000	T 82782.0000	91.96%	0.3121	21.5430	4.7183	505.3200
5	17:16:21	T 2774.8000	T 81510.0000	92.85%	0.2793	21.0070	4.0286	511.7900
x		T 2777.9000	T 82385.0000	92.65%	0.3123	20.3280	4.6245	515.3500
%RSD		T 0.8876	T 1.1083	0.69	12.2600	6.1948	10.8940	5.3380

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:14:30	7.5195	96.01%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:14:58	1.2177	96.88%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:15:25	8.6605	97.07%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:15:53	13.1650	96.66%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:16:21	-0.9164	96.71%	0.0000	0.0000	0.0000	0.0000	0.0000
x		5.9292	96.67%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		96.6660	0.42	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:14:30	91.97%	-0.1290	0.0000	0.0000	102.59%	98.39%	0.0000
2	17:14:58	92.13%	0.7746	0.0000	0.0000	103.76%	99.15%	0.0000
3	17:15:25	92.38%	-1.3672	0.0000	0.0000	103.87%	99.74%	0.0000
4	17:15:53	92.54%	-1.5341	0.0000	0.0000	104.51%	100.69%	0.0000
5	17:16:21	92.89%	0.0339	0.0000	0.0000	104.20%	100.95%	0.0000
x		92.38%	-0.4444	0.0000	0.0000	103.79%	99.78%	0.0000
%RSD		0.39	220.8800	0.0000	0.0000	0.70	1.07	0.0000

MF4T87-3x 09/14/2011 17:17:08

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:17:34	96.01%	-0.0131	T79933.0000	T17582.0000	T17869.0000	T18210.0000	-1.5311
2	17:18:02	93.54%	-0.0128	T80301.0000	T18237.0000	T18265.0000	T18501.0000	-1.6316
3	17:18:29	94.46%	-0.0109	T79921.0000	T17868.0000	T17997.0000	T18572.0000	-1.5628
4	17:18:56	95.61%	-0.0160	T79450.0000	T17987.0000	T18302.0000	T18632.0000	-1.5149
5	17:19:23	94.52%	-0.0129	T80412.0000	T17945.0000	T17883.0000	T18127.0000	-1.5523
x		94.83%	-0.0131	T80004.0000	T17924.0000	T18063.0000	T18408.0000	-1.5585
%RSD		1.04	13.9770	T0.4733	T1.3171	T1.1494	T1.2245	2.8783

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:17:34	T2896.4000	T84903.0000	91.91%	0.3205	1.2466	3.0265	504.0800
2	17:18:02	T2924.3000	T83526.0000	91.55%	0.2945	1.8118	3.2914	499.5100
3	17:18:29	T2862.1000	T83026.0000	92.28%	0.3325	-0.2863	2.2137	499.6600
4	17:18:56	T2890.0000	T84456.0000	91.33%	0.2978	0.8302	2.0127	455.1700
5	17:19:23	T2849.6000	T82590.0000	91.55%	0.2561	0.1600	2.1289	466.5400
x		T2884.5000	T83700.0000	91.72%	0.3003	0.7525	2.5346	484.9900
%RSD		T1.0214	T1.1546	0.41	9.7696	111.2400	22.9600	4.6339

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:17:34	0.6109	95.76%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:18:02	-2.3914	96.67%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:18:29	8.6338	97.13%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:18:56	2.7950	97.80%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:19:23	0.3136	98.20%	0.0000	0.0000	0.0000	0.0000	0.0000
x		1.9924	97.11%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		208.0000	0.99	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:17:34	91.59%	-0.0234	0.0000	0.0000	104.13%	99.68%	0.0000
2	17:18:02	92.17%	-1.0421	0.0000	0.0000	105.46%	100.61%	0.0000
3	17:18:29	93.64%	-0.7223	0.0000	0.0000	106.41%	101.94%	0.0000
4	17:18:56	94.00%	-0.3508	0.0000	0.0000	108.02%	103.20%	0.0000
5	17:19:23	93.95%	-1.2739	0.0000	0.0000	108.51%	103.38%	0.0000
x		93.07%	-0.6825	0.0000	0.0000	106.51%	101.76%	0.0000
%RSD		1.20	74.1730	0.0000	0.0000	1.70	1.58	0.0000

MF4T85-3x 09/14/2011 17:20:10

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:20:37	95.59%	-0.0120	↑80842.0000	↑18195.0000	↑18238.0000	↑18454.0000	-1.5847
2	17:21:05	95.71%	-0.0110	↑79209.0000	↑18224.0000	↑18368.0000	↑18691.0000	-1.4515
3	17:21:32	94.92%	-0.0160	↑80564.0000	↑18042.0000	↑18199.0000	↑18438.0000	-1.5320
4	17:22:00	95.35%	-0.0090	↑80976.0000	↑18221.0000	↑18172.0000	↑18544.0000	-1.5036
5	17:22:27	94.85%	-0.0099	↑80109.0000	↑18137.0000	↑18217.0000	↑18398.0000	-1.4285
x		95.29%	-0.0116	↑80340.0000	↑18164.0000	↑18239.0000	↑18505.0000	-1.5000
%RSD		0.41	23.3690	↑0.8885	↑0.4215	↑0.4167	↑0.6312	4.1742

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:20:37	↑2845.0000	↑84013.0000	90.97%	0.2414	1.7205	3.4552	498.1100
2	17:21:05	↑2847.3000	↑83096.0000	91.81%	0.3504	2.0559	4.0662	483.0900
3	17:21:32	↑2910.3000	↑85190.0000	91.09%	0.2931	2.3817	3.6319	487.4300
4	17:22:00	↑2924.6000	↑84544.0000	91.06%	0.3315	1.9905	2.7075	487.2000
5	17:22:27	↑2950.9000	↑84625.0000	90.48%	0.2510	1.9561	3.6920	463.6100
x		↑2895.6000	↑84293.0000	91.08%	0.2935	2.0209	3.5105	483.8900
%RSD		↑1.6391	↑0.9362	0.52	16.3430	11.7810	14.2730	2.6096

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:20:37	-1.1080	98.11%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:21:05	1.6933	98.27%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:21:32	0.3326	98.33%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:22:00	4.4241	98.57%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:22:27	-2.1040	98.94%	0.0000	0.0000	0.0000	0.0000	0.0000
x		0.6476	98.44%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		394.5200	0.33	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:20:37	93.37%	-1.1468	0.0000	0.0000	108.39%	103.23%	0.0000
2	17:21:05	93.80%	-0.9756	0.0000	0.0000	108.52%	104.55%	0.0000
3	17:21:32	93.80%	-0.3409	0.0000	0.0000	108.12%	104.17%	0.0000
4	17:22:00	93.39%	-1.1114	0.0000	0.0000	109.35%	104.13%	0.0000
5	17:22:27	94.01%	-1.5229	0.0000	0.0000	108.89%	104.41%	0.0000
x		93.67%	-1.0195	0.0000	0.0000	108.65%	104.10%	0.0000
%RSD		0.30	42.2000	0.0000	0.0000	0.44	0.49	0.0000

MF4T86-3x 09/14/2011 17:23:14

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:23:41	100.38%	-0.0173	T79671.0000	T17840.0000	T17917.0000	T18529.0000	-1.4660
2	17:24:09	100.87%	-0.0173	T80597.0000	T17995.0000	T18121.0000	T18380.0000	-1.3561
3	17:24:36	103.73%	-0.0092	T78323.0000	T17798.0000	T17872.0000	T18156.0000	-1.3205
4	17:25:03	103.12%	-0.0156	T80272.0000	T18167.0000	T18049.0000	T18335.0000	-1.2262
5	17:25:31	102.46%	-0.0118	T81926.0000	T18089.0000	T18482.0000	T18637.0000	-1.3012
x		102.11%	-0.0142	T80158.0000	T17978.0000	T18088.0000	T18407.0000	-1.3340
%RSD		1.41	25.3660	T1.6424	T0.8782	T1.3368	T1.0049	6.5748

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:23:41	T2926.3000	T84711.0000	94.25%	0.3565	1.0614	5.9205	527.7300
2	17:24:09	T2886.8000	T84091.0000	94.63%	0.2942	2.2266	5.4056	521.2500
3	17:24:36	T2841.7000	T82707.0000	97.70%	0.3174	1.2901	6.2685	489.8200
4	17:25:03	T2900.8000	T83020.0000	95.83%	0.2980	2.1579	6.3757	535.4700
5	17:25:31	T2832.6000	T82800.0000	97.09%	0.2835	1.1832	6.9698	551.1200
x		T2877.6000	T83466.0000	95.90%	0.3099	1.5839	6.1880	525.0800
%RSD		T1.3799	T1.0646	1.56	9.2842	35.4690	9.3415	4.3123

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:23:41	-4.7558	99.65%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:24:09	-4.4028	100.33%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:24:36	6.6929	101.62%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:25:03	6.2538	100.76%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:25:31	12.9960	101.38%	0.0000	0.0000	0.0000	0.0000	0.0000
x		3.3568	100.75%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		230.0100	0.79	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:23:41	95.27%	-0.0476	0.0000	0.0000	106.86%	102.47%	0.0000
2	17:24:09	96.71%	-0.5809	0.0000	0.0000	107.45%	102.45%	0.0000
3	17:24:36	97.39%	-1.6578	0.0000	0.0000	108.29%	103.16%	0.0000
4	17:25:03	97.30%	-0.1364	0.0000	0.0000	107.21%	102.60%	0.0000
5	17:25:31	97.86%	-1.1324	0.0000	0.0000	107.77%	103.00%	0.0000
x		96.91%	-0.7110	0.0000	0.0000	107.52%	102.74%	0.0000
%RSD		1.03	95.9370	0.0000	0.0000	0.51	0.32	0.0000

MF4T84-3x 09/14/2011 17:26:19

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:26:45	98.21%	-0.0074	T 76541.0000	T 17492.0000	T 17575.0000	T 18025.0000	-0.6656
2	17:27:13	97.31%	-0.0171	T 74997.0000	T 17617.0000	T 17330.0000	T 17650.0000	-0.7676
3	17:27:40	96.98%	-0.0112	T 75497.0000	T 17671.0000	T 17605.0000	T 17695.0000	-0.6700
4	17:28:08	96.74%	-0.0111	T 76217.0000	T 17881.0000	T 17673.0000	T 17551.0000	-0.8062
5	17:28:35	97.41%	-0.0132	T 76230.0000	T 17481.0000	T 17504.0000	T 17765.0000	-0.8773
x		97.33%	-0.0120	T 75896.0000	T 17628.0000	T 17537.0000	T 17737.0000	-0.7574
%RSD		0.57	29.4360	T 0.8326	T 0.9237	T 0.7450	T 1.0073	11.9810

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:26:45	T 2866.5000	T 83419.0000	92.07%	0.3550	2.7422	4.0115	523.8400
2	17:27:13	T 2808.8000	T 83415.0000	91.90%	0.3095	3.6291	5.7478	513.3600
3	17:27:40	T 2816.9000	T 84567.0000	92.19%	0.3084	4.3961	4.5249	523.9200
4	17:28:08	T 2807.6000	T 82863.0000	91.48%	0.3139	1.4478	4.6396	543.4500
5	17:28:35	T 2793.9000	T 82518.0000	91.67%	0.2696	2.6957	4.2185	488.7200
x		T 2818.7000	T 83357.0000	91.86%	0.3113	2.9822	4.6285	518.6600
%RSD		T 0.9915	T 0.9332	0.32	9.7267	37.1590	14.5440	3.8486

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:26:45	7.3242	97.26%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:27:13	5.1054	96.77%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:27:40	-0.4595	97.85%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:28:08	0.0882	96.18%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:28:35	7.6592	96.44%	0.0000	0.0000	0.0000	0.0000	0.0000
x		3.9435	96.90%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		98.8930	0.69	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:26:45	93.41%	-1.9202	0.0000	0.0000	104.80%	99.80%	0.0000
2	17:27:13	92.93%	-0.1341	0.0000	0.0000	105.16%	100.46%	0.0000
3	17:27:40	93.47%	-0.9191	0.0000	0.0000	105.52%	101.03%	0.0000
4	17:28:08	92.89%	-0.7980	0.0000	0.0000	105.52%	101.20%	0.0000
5	17:28:35	93.21%	-2.0051	0.0000	0.0000	105.47%	101.11%	0.0000
x		93.18%	-1.1553	0.0000	0.0000	105.29%	100.72%	0.0000
%RSD		0.29	68.8870	0.0000	0.0000	0.30	0.59	0.0000

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:29:49	102.04%	-0.0127	₸80548.0000	₸18463.0000	₸18090.0000	₸18322.0000	-0.8503
2	17:30:17	100.55%	-0.0125	₸81641.0000	₸18281.0000	₸18380.0000	₸18585.0000	-0.7926
3	17:30:44	101.52%	-0.0136	₸80456.0000	₸18451.0000	₸18621.0000	₸18589.0000	-0.9310
4	17:31:11	101.84%	-0.0108	₸83357.0000	₸18602.0000	₸18467.0000	₸18586.0000	-0.7758
5	17:31:38	101.70%	-0.0080	₸80471.0000	₸18286.0000	₸18200.0000	₸18321.0000	-0.8855
x		101.53%	-0.0115	₸81295.0000	₸18417.0000	₸18352.0000	₸18481.0000	-0.8470
%RSD		0.57	19.2990	₸1.5453	₸0.7356	₸1.1489	₸0.7859	7.5981

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:29:49	₸2924.0000	₸85436.0000	94.50%	0.2949	2.3815	6.7713	549.2100
2	17:30:17	₸2929.0000	₸83670.0000	95.03%	0.3404	1.2418	7.4291	524.2600
3	17:30:44	₸2895.8000	₸85537.0000	96.12%	0.2816	2.4285	7.8739	520.7100
4	17:31:11	₸2899.0000	₸84201.0000	96.34%	0.3379	1.1506	7.4819	521.8200
5	17:31:38	₸2875.9000	₸83338.0000	97.27%	0.3292	1.6559	9.0607	585.1100
x		₸2904.7000	₸84436.0000	95.85%	0.3168	1.7717	7.7234	540.2200
%RSD		₸0.7516	₸1.1933	1.14	8.4605	34.3710	10.9530	5.1278

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:29:49	0.6926	98.56%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:30:17	1.6455	99.15%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:30:44	3.9114	99.70%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:31:11	-0.4278	100.19%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:31:38	4.5912	101.23%	0.0000	0.0000	0.0000	0.0000	0.0000
x		2.0826	99.77%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		102.0400	1.02	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:29:49	95.55%	-0.9756	0.0000	0.0000	105.32%	100.67%	0.0000
2	17:30:17	95.96%	-0.6069	0.0000	0.0000	104.80%	101.18%	0.0000
3	17:30:44	96.40%	-1.7053	0.0000	0.0000	105.07%	101.62%	0.0000
4	17:31:11	97.28%	-0.6435	0.0000	0.0000	105.66%	101.03%	0.0000
5	17:31:38	97.01%	-0.1670	0.0000	0.0000	105.95%	102.17%	0.0000
x		96.44%	-0.8196	0.0000	0.0000	105.36%	101.33%	0.0000
%RSD		0.74	69.8440	0.0000	0.0000	0.43	0.57	0.0000

MF4T89-3x 09/14/2011 17:32:26

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:32:53	96.51%	-0.0151	↑79176.0000	↑18319.0000	↑18186.0000	↑18437.0000	-0.8559
2	17:33:20	96.74%	-0.0102	↑77795.0000	↑17724.0000	↑17961.0000	↑18132.0000	-0.8460
3	17:33:47	96.68%	-0.0062	↑79182.0000	↑17988.0000	↑18261.0000	↑18179.0000	-0.9871
4	17:34:15	97.72%	-0.0152	↑79187.0000	↑17809.0000	↑17911.0000	↑18132.0000	-0.9351
5	17:34:42	97.02%	-0.0102	↑78579.0000	↑17732.0000	↑17980.0000	↑17997.0000	-0.8206
x		96.93%	-0.0114	↑78784.0000	↑17914.0000	↑18060.0000	↑18175.0000	-0.8889
%RSD		0.49	33.4260	↑0.7761	↑1.3947	↑0.8520	↑0.8876	7.8275

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:32:53	↑2857.3000	↑83464.0000	92.82%	0.2632	-0.3553	5.1387	512.9000
2	17:33:20	↑2841.8000	↑84321.0000	92.05%	0.3062	2.8834	4.6628	487.1500
3	17:33:47	↑2822.8000	↑81626.0000	92.79%	0.2793	2.8047	3.8937	486.9600
4	17:34:15	↑2859.1000	↑83620.0000	90.66%	0.2670	2.8331	4.5882	475.9300
5	17:34:42	↑2847.5000	↑82037.0000	92.27%	0.3108	2.2624	2.8941	443.7500
x		↑2845.7000	↑83013.0000	92.12%	0.2853	2.0857	4.2355	481.3400
%RSD		↑0.5137	↑1.3681	0.96	7.7332	66.5300	20.5800	5.1974

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:32:53	11.8670	96.67%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:33:20	10.6180	97.08%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:33:47	0.9003	97.80%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:34:15	3.0909	98.64%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:34:42	4.1050	97.56%	0.0000	0.0000	0.0000	0.0000	0.0000
x		6.1162	97.55%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		79.1490	0.77	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:32:53	92.65%	-0.6176	0.0000	0.0000	105.32%	100.33%	0.0000
2	17:33:20	93.06%	-1.4367	0.0000	0.0000	105.87%	101.57%	0.0000
3	17:33:47	93.23%	-1.2101	0.0000	0.0000	106.56%	102.19%	0.0000
4	17:34:15	94.60%	-2.3613	0.0000	0.0000	107.40%	103.16%	0.0000
5	17:34:42	94.46%	-1.1436	0.0000	0.0000	108.33%	103.95%	-0.2022
x		93.60%	-1.3539	0.0000	0.0000	106.70%	102.24%	-0.0404
%RSD		0.94	47.1340	0.0000	0.0000	1.12	1.37	223.6100

MF4T90-3x 09/14/2011 17:35:30

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:35:58	102.79%	-0.0081	T 79362.0000	T 17729.0000	T 18008.0000	T 18031.0000	-1.5568
2	17:36:25	101.13%	-0.0154	T 78705.0000	T 17811.0000	T 18002.0000	T 17990.0000	-1.5044
3	17:36:52	102.57%	-0.0137	T 79396.0000	T 17770.0000	T 17769.0000	T 18068.0000	-1.5268
4	17:37:20	103.22%	-0.0082	T 76684.0000	T 17613.0000	T 17646.0000	T 17925.0000	-1.5581
5	17:37:47	104.60%	-0.0148	T 76588.0000	T 17427.0000	T 17538.0000	T 17745.0000	-1.4917
x		102.86%	-0.0120	T 78147.0000	T 17670.0000	T 17793.0000	T 17952.0000	-1.5276
%RSD		1.21	30.0350	T 1.8005	T 0.8759	T 1.1824	T 0.7078	1.9680

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:35:58	T 2881.9000	T 82645.0000	94.58%	0.2942	0.3854	5.5783	471.1800
2	17:36:25	T 2886.3000	T 82904.0000	95.28%	0.3257	0.6938	5.0349	461.7400
3	17:36:52	T 2893.3000	T 83204.0000	95.88%	0.2611	0.6414	4.2998	473.0600
4	17:37:20	T 2836.4000	T 82445.0000	97.08%	0.2499	1.4462	4.3727	449.8500
5	17:37:47	T 2869.0000	T 82508.0000	95.75%	0.3057	2.4772	5.5534	486.3400
x		T 2873.4000	T 82741.0000	95.71%	0.2873	1.1288	4.9678	468.4300
%RSD		T 0.7824	T 0.3784	0.96	10.9410	75.4100	12.4110	2.9032

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:35:58	-2.3299	102.06%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:36:25	8.9354	102.96%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:36:52	6.5817	103.38%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:37:20	0.8810	103.16%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:37:47	2.8219	103.51%	0.0000	0.0000	0.0000	0.0000	0.0000
x		3.3780	103.01%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		132.6100	0.56	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:35:58	97.72%	-1.1229	0.0000	0.0000	110.69%	106.21%	0.0000
2	17:36:25	99.40%	-1.3708	0.0000	0.0000	111.94%	106.97%	0.0000
3	17:36:52	99.27%	-0.7844	0.0000	0.0000	112.84%	107.97%	0.0000
4	17:37:20	99.52%	-2.0153	0.0000	0.0000	112.90%	107.89%	-0.1949
5	17:37:47	100.29%	-0.8702	0.0000	0.0000	113.10%	109.17%	0.0000
x		99.24%	-1.2327	0.0000	0.0000	112.29%	107.64%	-0.0390
%RSD		0.94	40.0700	0.0000	0.0000	0.89	1.04	223.6100

MF4T98-3x 09/14/2011 17:38:35

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:39:02	97.83%	-0.0171	T72616.0000	T9420.0000	T9176.1000	T9327.6000	0.9551
2	17:39:29	96.87%	-0.0102	T71313.0000	T9312.2000	T9490.0000	T9422.5000	1.0126
3	17:39:57	95.44%	-0.0150	T72851.0000	T9356.4000	T9325.3000	T9460.0000	0.9995
4	17:40:23	95.46%	-0.0060	T72894.0000	T9338.9000	T9571.2000	T9697.8000	1.0595
5	17:40:50	97.03%	-0.0141	T71038.0000	T9279.9000	T9436.8000	T9507.5000	0.8687
x		96.52%	-0.0125	T72142.0000	T9341.5000	T9399.9000	T9483.1000	0.9791
%RSD		1.09	35.4020	T1.2398	T0.5623	T1.6351	T1.4447	7.3597

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:39:02	T1986.9000	T49659.0000	91.51%	0.2915	0.9626	1.5810	280.4000
2	17:39:29	T1987.8000	T50254.0000	92.12%	0.2921	1.4168	1.4361	273.4400
3	17:39:57	T1983.0000	T50060.0000	91.23%	0.2844	1.4754	2.0893	245.6200
4	17:40:23	T2005.8000	T51341.0000	91.40%	0.2620	2.4402	0.2061	249.4300
5	17:40:50	T1996.6000	T50727.0000	90.05%	0.2136	1.5038	2.3844	280.4300
x		T1992.0000	T50408.0000	91.26%	0.2687	1.5598	1.5394	265.8700
%RSD		T0.4593	T1.2848	0.83	12.3300	34.5630	54.4130	6.4076

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:39:02	-1.7200	99.61%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:39:29	9.4773	99.51%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:39:57	-4.2063	98.56%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:40:23	6.9920	98.27%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:40:50	2.9643	98.44%	0.0000	0.0000	0.0000	0.0000	0.0000
x		2.7015	98.88%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		212.3700	0.64	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:39:02	95.87%	-0.5318	0.0000	0.0000	109.87%	106.74%	0.0000
2	17:39:29	95.67%	-0.3757	0.0000	0.0000	109.40%	106.06%	0.0000
3	17:39:57	95.40%	-2.0665	0.0000	0.0000	108.49%	105.62%	0.0000
4	17:40:23	94.64%	-1.9471	0.0000	0.0000	108.10%	105.63%	0.0000
5	17:40:50	94.48%	-1.6838	0.0000	0.0000	107.83%	104.89%	0.0000
x		95.21%	-1.3210	0.0000	0.0000	108.74%	105.79%	0.0000
%RSD		0.65	60.9830	0.0000	0.0000	0.80	0.64	0.0000

MF4TA1-3x 09/14/2011 17:41:39

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:42:06	92.71%	-0.0076	┬76972.0000	┬16745.0000	┬17218.0000	┬17476.0000	4.9494
2	17:42:33	93.81%	-0.0138	┬77231.0000	┬17169.0000	┬17140.0000	┬17581.0000	5.1394
3	17:43:01	94.88%	-0.0119	┬77288.0000	┬17370.0000	┬17505.0000	┬17610.0000	5.0463
4	17:43:28	96.64%	-0.0101	┬77724.0000	┬17130.0000	┬17065.0000	┬17130.0000	4.9582
5	17:43:55	94.37%	-0.0119	┬77431.0000	┬16689.0000	┬16770.0000	┬17191.0000	4.7289
x		94.48%	-0.0110	┬77329.0000	┬17021.0000	┬17140.0000	┬17398.0000	4.9644
%RSD		1.54	21.2930	┬0.3569	┬1.7185	┬1.5490	┬1.2830	3.0720

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:42:06	┬2549.7000	┬71444.0000	89.82%	0.3398	4.0654	5.8751	414.8200
2	17:42:33	┬2563.4000	┬70761.0000	88.17%	0.3550	4.4887	7.3179	415.2600
3	17:43:01	┬2554.1000	┬70824.0000	88.58%	0.3843	4.4215	8.1545	428.6800
4	17:43:28	┬2600.0000	┬71113.0000	88.50%	0.3930	4.9179	6.5697	448.8300
5	17:43:55	┬2574.0000	┬71108.0000	88.76%	0.2990	4.4299	7.4260	410.8800
x		┬2568.2000	┬71050.0000	88.77%	0.3542	4.4647	7.0686	423.6900
%RSD		┬0.7808	┬0.3836	0.71	10.6220	6.7978	12.3380	3.6770

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:42:06	2.5686	94.33%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:42:33	7.3614	94.50%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:43:01	0.3298	94.18%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:43:28	12.4490	95.14%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:43:55	15.1390	94.90%	0.0000	0.0000	0.0000	0.0000	0.0000
x		7.5696	94.61%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		83.1790	0.42	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:42:06	90.66%	-1.1976	0.0000	0.0000	103.01%	99.44%	0.0000
2	17:42:33	90.86%	-0.9472	0.0000	0.0000	103.12%	99.77%	0.0000
3	17:43:01	90.74%	-1.1971	0.0000	0.0000	103.15%	99.87%	0.0000
4	17:43:28	91.60%	-1.5228	0.0000	0.0000	103.72%	99.88%	0.0000
5	17:43:55	90.66%	-0.7397	0.0000	0.0000	104.23%	100.61%	0.0000
x		90.91%	-1.1209	0.0000	0.0000	103.45%	99.92%	0.0000
%RSD		0.44	26.3400	0.0000	0.0000	0.50	0.43	0.0000

MF4TA2-3x 09/14/2011 17:44:44

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:45:11	93.57%	-0.0056	T 77376.0000	T 17294.0000	T 17521.0000	T 17941.0000	1.8142
2	17:45:39	95.15%	-0.0129	T 76508.0000	T 17189.0000	T 17009.0000	T 17409.0000	1.7030
3	17:46:06	93.55%	-0.0138	T 77264.0000	T 17279.0000	T 17106.0000	T 17404.0000	1.7031
4	17:46:32	95.64%	-0.0190	T 77892.0000	T 17161.0000	T 17041.0000	T 17046.0000	1.4700
5	17:47:00	94.00%	-0.0128	T 76158.0000	T 17126.0000	T 17102.0000	T 17342.0000	1.6241
x		94.38%	-0.0128	T 77040.0000	T 17210.0000	T 17156.0000	T 17429.0000	1.6629
%RSD		1.02	37.1380	T 0.9065	T 0.4294	T 1.2138	T 1.8525	7.6551

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:45:11	T 2636.3000	T 72401.0000	88.15%	0.3156	3.3980	5.4358	466.5200
2	17:45:39	T 2606.1000	T 71419.0000	88.54%	0.2856	2.0064	5.0556	421.3500
3	17:46:06	T 2598.2000	T 72357.0000	88.74%	0.2372	2.4978	3.1346	423.0700
4	17:46:32	T 2569.9000	T 71295.0000	88.50%	0.3139	0.6971	3.9600	420.2300
5	17:47:00	T 2542.9000	T 70477.0000	88.35%	0.3398	3.0329	3.3352	431.9600
x		T 2590.7000	T 71590.0000	88.46%	0.2984	2.3264	4.1843	432.6300
%RSD		T 1.3764	T 1.1263	0.25	13.1530	45.2550	24.4840	4.5074

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:45:11	11.2420	93.73%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:45:39	8.6533	96.02%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:46:06	7.6345	95.10%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:46:32	3.1711	95.98%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:47:00	-0.7378	96.42%	0.0000	0.0000	0.0000	0.0000	0.0000
x		5.9927	95.45%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		79.4140	1.13	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:45:11	90.72%	-1.9945	0.0000	0.0000	103.41%	99.67%	0.0000
2	17:45:39	91.75%	-1.5920	0.0000	0.0000	104.23%	100.75%	0.0000
3	17:46:06	91.15%	-0.9670	0.0000	0.0000	104.79%	101.15%	0.0000
4	17:46:32	91.70%	-1.5396	0.0000	0.0000	105.14%	102.39%	0.0000
5	17:47:00	91.79%	-0.8324	0.0000	0.0000	106.81%	102.77%	0.0000
x		91.43%	-1.3851	0.0000	0.0000	104.88%	101.35%	0.0000
%RSD		0.51	34.5910	0.0000	0.0000	1.20	1.24	0.0000

MF4TB4-3x 09/14/2011 17:47:47

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:48:14	95.57%	-0.0150	T 71239.0000	T 9248.1000	T 9383.0000	T 9425.8000	-1.4517
2	17:48:42	93.66%	-0.0148	T 70718.0000	T 9137.0000	T 9243.7000	T 9403.3000	-1.3769
3	17:49:10	94.31%	-0.0129	T 68653.0000	T 8877.9000	T 9183.4000	T 9431.8000	-1.2841
4	17:49:37	93.53%	-0.0077	T 70828.0000	T 9250.8000	T 9435.4000	T 9538.9000	-1.2751
5	17:50:04	93.59%	-0.0148	T 70640.0000	T 9229.0000	T 9372.7000	T 9522.4000	-1.2567
x		94.13%	-0.0130	T 70416.0000	T 9148.5000	T 9323.6000	T 9464.4000	-1.3289
%RSD		0.92	23.9950	T 1.4373	T 1.7303	T 1.1306	T 0.6513	6.2424

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:48:14	T 1951.5000	T 49928.0000	88.54%	0.2713	0.3342	2.5243	280.8600
2	17:48:42	T 1992.4000	T 50996.0000	88.52%	0.2264	-1.4713	0.8798	257.2300
3	17:49:10	T 2002.4000	T 49533.0000	88.69%	0.2625	-0.0437	-0.7290	263.0500
4	17:49:37	T 1982.5000	T 49954.0000	88.41%	0.2295	0.2892	-0.8366	272.9100
5	17:50:04	T 1974.6000	T 49696.0000	89.24%	0.2747	-1.0665	-0.8992	268.5900
x		T 1980.7000	T 50021.0000	88.68%	0.2529	-0.3916	0.1879	268.5300
%RSD		T 0.9789	T 1.1427	0.37	9.1861	211.0500	798.8800	3.3767

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:48:14	6.3312	97.07%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:48:42	10.2500	96.68%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:49:10	1.3359	96.43%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:49:37	5.6298	97.03%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:50:04	5.5077	96.56%	0.0000	0.0000	0.0000	0.0000	0.0000
x		5.8109	96.75%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		54.5050	0.29	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:48:14	92.38%	-0.3259	0.0000	0.0000	107.37%	104.70%	0.0000
2	17:48:42	92.89%	-1.1429	0.0000	0.0000	107.36%	105.30%	-0.1996
3	17:49:10	93.18%	-1.6045	0.0000	0.0000	107.56%	105.24%	0.0000
4	17:49:37	93.80%	-1.4263	0.0000	0.0000	108.49%	106.18%	0.0000
5	17:50:04	93.47%	-0.9353	0.0000	0.0000	108.00%	106.20%	0.0000
x		93.14%	-1.0870	0.0000	0.0000	107.76%	105.52%	-0.0399
%RSD		0.58	45.7280	0.0000	0.0000	0.45	0.62	223.6100

CCV3 09/14/2011 17:50:52

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:51:19	88.71%	┬2316.4000	┬46204.0000	┬45372.0000	┬45210.0000	┬45720.0000	┬48922.0000
2	17:51:47	90.02%	┬2372.6000	┬45797.0000	┬45201.0000	┬45352.0000	┬45702.0000	┬48565.0000
3	17:52:14	89.50%	┬2397.6000	┬45884.0000	┬45034.0000	┬44779.0000	┬44876.0000	┬48373.0000
4	17:52:41	91.43%	┬2396.7000	┬46283.0000	┬44986.0000	┬44502.0000	┬45576.0000	┬48764.0000
5	17:53:09	91.46%	┬2369.3000	┬46209.0000	┬45847.0000	┬45939.0000	┬46116.0000	┬48964.0000
x		90.22%	┬2370.5000	┬46075.0000	┬45288.0000	┬45156.0000	┬45598.0000	┬48717.0000
%RSD		1.34	┬1.3917	┬0.4745	┬0.7672	┬1.2254	┬0.9902	┬0.5101

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:51:19	┬50528.0000	┬51523.0000	82.17%	0.1103	┬50978.0000	┬51117.0000	┬51583.0000
2	17:51:47	┬50313.0000	┬51050.0000	84.54%	0.0590	┬50211.0000	┬49866.0000	┬50583.0000
3	17:52:14	┬49971.0000	┬49747.0000	85.69%	0.0723	┬51076.0000	┬50491.0000	┬49965.0000
4	17:52:41	┬50030.0000	┬50886.0000	86.30%	0.0745	┬50491.0000	┬49840.0000	┬50239.0000
5	17:53:09	┬50449.0000	┬51482.0000	86.96%	0.0851	┬50939.0000	┬50114.0000	┬50644.0000
x		┬50258.0000	┬50938.0000	85.13%	0.0802	┬50739.0000	┬50286.0000	┬50603.0000
%RSD		┬0.4942	┬1.4130	2.21	23.9070	┬0.7315	┬1.0601	┬1.2109

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:51:19	-23.0620	87.30%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:51:47	-7.9619	88.42%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:52:14	-13.3470	89.06%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:52:41	-18.5320	88.86%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:53:09	-10.3440	90.22%	0.0000	0.0000	0.0000	0.0000	0.0000
x		-14.6500	88.77%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		41.9130	1.19	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:51:19	87.28%	-1.9100	0.0000	0.0000	95.90%	94.92%	-0.2215
2	17:51:47	87.31%	8.4164	0.0000	0.0000	95.00%	94.76%	-0.2219
3	17:52:14	88.04%	-5.0785	0.0000	0.0000	95.23%	94.48%	-0.2225
4	17:52:41	88.62%	2.7376	0.0000	0.0000	95.32%	94.86%	-0.6649
5	17:53:09	89.37%	-0.2508	0.0000	0.0000	94.84%	93.65%	0.0000
x		88.13%	0.7829	0.0000	0.0000	95.26%	94.53%	-0.2661
%RSD		1.01	653.6600	0.0000	0.0000	0.43	0.55	91.2020

CCB3 09/14/2011 17:53:59

User Pre-dilution: 1.000

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:54:26	100.95%	0.1846	9.9920	2.9926	2.7246	2.9930	0.9536
2	17:54:54	100.66%	0.1887	10.2070	3.7448	4.2469	3.1885	1.7900
3	17:55:20	101.07%	0.2187	9.9618	3.8424	3.9496	3.6580	2.0609
4	17:55:48	102.74%	0.1974	9.5275	3.5236	3.7948	3.4778	1.7883
5	17:56:15	103.62%	0.1908	9.0271	3.3133	3.6276	3.3057	1.3249
x		101.81%	0.1960	9.7431	3.4833	3.6687	3.3246	1.5835
%RSD		1.28	6.8809	4.8255	9.8258	15.6710	7.7192	27.8180

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:54:26	9.5053	0.5775	94.83%	0.0039	2.0298	2.6301	1.9696
2	17:54:54	8.6494	0.6393	96.30%	-0.0148	2.4859	3.6644	5.8638
3	17:55:20	7.5580	0.9412	98.39%	-0.0178	1.5136	4.3226	4.2049
4	17:55:48	8.7262	0.1222	98.44%	-0.0051	3.6537	5.8605	4.4494
5	17:56:15	7.4812	-0.3797	100.06%	-0.0031	1.7371	4.3526	3.5675
x		8.3840	0.3801	97.60%	-0.0074	2.2840	4.1660	4.0110
%RSD		10.2290	135.7400	2.10	120.3900	37.1120	28.2520	35.3170

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:54:26	7.0206	99.50%	0.0000	0.0000	0.0000	0.0000	0.0000
2	17:54:54	6.2162	100.58%	0.0000	0.0000	0.0000	0.0000	0.0000
3	17:55:20	5.6965	102.26%	0.0000	0.0000	0.0000	0.0000	0.0000
4	17:55:48	6.7770	101.72%	0.0000	0.0000	0.0000	0.0000	0.0000
5	17:56:15	4.1506	102.92%	0.0000	0.0000	0.0000	0.0000	0.0000
x		5.9722	101.40%	0.0000	0.0000	0.0000	0.0000	0.0000
%RSD		19.0930	1.35	0.0000	0.0000	0.0000	0.0000	0.0000

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1	17:54:26	98.00%	-0.2613	0.0000	0.0000	103.32%	105.64%	0.0000
2	17:54:54	100.19%	-0.0738	0.0000	0.0000	104.10%	106.01%	0.0000
3	17:55:20	100.47%	0.6128	0.0000	0.0000	104.96%	106.05%	0.0000
4	17:55:48	101.84%	-0.2187	0.0000	0.0000	105.39%	106.84%	0.0000
5	17:56:15	101.37%	0.2216	0.0000	0.0000	105.92%	107.17%	0.0000
x		100.37%	0.0561	0.0000	0.0000	104.74%	106.34%	0.0000
%RSD		1.48	648.8500	0.0000	0.0000	0.99	0.60	0.0000

Mass Uncorrected ICPS

S0 09/14/2011 14:15:35

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	14:16:02	385129.3100	13.3333	10211.2520	340.0069	60.0002	55.0002	12113.7980
2	14:16:30	386296.5100	20.8334	10899.6230	345.0071	40.0001	35.0001	12231.4700
3	14:16:57	390109.8000	32.5001	10326.3940	325.0063	45.0001	75.0003	12324.1060
4	14:17:24	391480.2100	19.1667	9985.9796	310.0058	30.0001	40.0001	11823.3820
5	14:17:51	381742.0000	15.0000	9855.8248	345.0071	10.0000	50.0001	12329.1140
x		386951.5600	20.1667	10255.8150	333.0067	37.0001	51.0002	12164.3740
%RSD		1.012	37.350	3.943	4.579	50.201	30.534	1.724

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	14:16:02	76353.1930	410.0101	591064.7900	50.0001	3545.7542	130948.3300	947.5539
2	14:16:30	77566.8240	515.0159	591820.7100	27.5000	3448.2133	132502.6100	910.0497
3	14:16:57	78432.3690	487.5143	596035.8000	35.0001	3333.1665	130834.0500	995.0594
4	14:17:24	78424.7990	462.5128	604288.2600	35.0001	3438.2091	133206.1900	882.5467
5	14:17:51	78298.6200	427.5110	603594.3300	30.0001	3528.2468	134976.8400	930.0519
x		77815.1610	460.5128	597360.7800	35.5001	3458.7180	132493.6000	933.0523
%RSD		1.147	9.304	1.055	24.598	2.449	1.297	4.529

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:16:02	67.5003	778703.7700	17.5000	2.5000	10.0000	0.0000	5.0000
2	14:16:30	60.0002	778862.6300	12.5000	2.5000	5.0000	5.0000	5.0000
3	14:16:57	60.8336	777170.0200	10.0000	0.0000	10.0000	0.0000	2.5000
4	14:17:24	65.0003	774795.9900	20.0000	0.0000	5.0000	2.5000	7.5000
5	14:17:51	70.0003	768219.4400	17.5000	0.0000	7.5000	2.5000	0.0000
x		64.6669	775550.3700	15.5000	1.0000	7.5000	2.0000	4.0000
%RSD		6.609	0.569	26.503	136.931	33.333	104.583	71.261

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	14:16:02	902105.5000	0.0000	831304.0900	10.0000	1264004.8000	944010.6700	0.0000
2	14:16:30	903180.6400	0.0000	833109.2000	12.5000	1251680.8000	944342.8300	0.0000
3	14:16:57	896837.3000	2.5000	830141.3000	5.0000	1257083.1000	940809.7200	0.0000
4	14:17:24	895057.8800	0.0000	825290.6600	5.0000	1241523.8000	938678.2600	0.0000
5	14:17:51	899758.4400	7.5000	821249.1400	7.5000	1233650.5000	935295.2100	0.0000
x		899387.9500	2.0000	828218.8800	8.0000	1249588.6000	940627.3400	0.0000
%RSD		0.382	162.980	0.586	40.745	0.970	0.403	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	14:19:05	379878.8600	867.5452	9290.1756	390.0091	65.0003	55.0002	5859.5593
2	14:19:32	380585.8800	930.8853	9603.0299	405.0098	45.0001	55.0002	5864.5629
3	14:19:59	380989.5400	891.7144	9377.7736	330.0065	50.0001	30.0001	5829.5383
4	14:20:26	388127.9000	869.2120	9132.5014	350.0074	30.0001	75.0003	5857.0576
5	14:20:54	383765.1500	831.7082	9310.1979	345.0071	50.0001	55.0002	5987.1500
x		382669.4700	878.2130	9342.7357	364.0080	48.0001	54.0002	5879.5736
%RSD		0.886	4.150	1.831	8.763	26.146	29.572	1.049

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	14:19:05	78901.7690	365.0080	582985.6400	25.0000	3348.1725	130735.0200	1015.0618
2	14:19:32	81148.1870	435.0114	589043.9600	22.5000	3343.1705	130412.5200	1067.5684
3	14:19:59	79979.4700	440.0116	591265.8300	50.0001	3610.7821	132936.9400	1015.0618
4	14:20:26	79858.3160	430.0111	589522.3200	35.0001	3650.7995	131598.4500	945.0536
5	14:20:54	79835.6000	457.5126	591169.3300	52.5002	3478.2257	130211.9200	1050.0662
x		79944.6690	425.5109	588797.4100	37.0001	3486.2301	131178.9700	1018.5624
%RSD		1.000	8.313	0.576	37.438	4.112	0.851	4.611

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:19:05	63.3336	753182.9100	15.0000	2.5000	17.5000	7.5000	12.5000
2	14:19:32	71.6670	753701.8200	20.0000	2.5000	12.5000	0.0000	0.0000
3	14:19:59	60.8336	755422.6600	7.5000	7.5000	0.0000	2.5000	5.0000
4	14:20:26	61.6669	761896.6200	30.0001	15.0000	7.5000	5.0000	12.5000
5	14:20:54	50.8335	765434.8600	0.0000	2.5000	10.0000	0.0000	20.0000
x		61.6669	757927.7700	14.5000	6.0000	9.5000	3.0000	10.0000
%RSD		12.049	0.719	79.385	91.287	68.117	108.653	77.055

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	14:19:05	873514.1600	42.5001	800344.5700	27.5000	1205362.0000	904486.5300	0.0000
2	14:19:32	880209.2000	45.0001	804170.4000	5.0000	1201246.4000	912883.6300	0.0000
3	14:19:59	881073.8000	45.0001	803557.8300	7.5000	1214171.5000	914890.6200	0.0000
4	14:20:26	881132.0000	65.0003	807396.0600	7.5000	1210842.8000	917494.9600	0.0000
5	14:20:54	885692.0200	35.0001	808550.3300	10.0000	1221693.6000	920414.6200	0.0000
x		880324.2400	46.5001	804803.8400	11.5000	1210663.3000	914034.0700	0.0000
%RSD		0.497	23.923	0.405	79.281	0.654	0.661	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	14:22:07	385272.3600	8354.1854	30774.2180	14051.8370	1910.2189	2225.2971	37117.4790
2	14:22:35	384409.7000	8153.9873	30352.6770	14347.3400	1865.2087	2125.2710	36919.1000
3	14:23:02	384783.0100	8576.9115	30079.1880	14327.3060	1800.1944	1970.2329	35851.9560
4	14:23:30	384227.4000	8651.1549	30964.9230	14267.2030	1750.1838	2215.2944	37509.2270
5	14:23:58	385556.7400	8687.8597	30631.1930	14367.3750	1925.2224	2360.3342	36524.8690
x		384849.8400	8484.8198	30560.4400	14272.2120	1850.2056	2179.2859	36784.5260
%RSD		0.146	2.661	1.144	0.902	4.005	6.602	1.715

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	14:22:07	92437.3520	927.5516	598659.2000	2752.9547	5311.6923	150797.1500	1655.1644
2	14:22:35	93013.7120	797.5382	591395.8300	2802.9713	5214.1307	156607.8600	1632.6599
3	14:23:02	92963.1530	992.5591	592386.3600	2645.4198	5159.0965	155431.1400	1520.1386
4	14:23:30	93539.5490	842.5426	591643.7900	2835.4823	5189.1151	154282.5900	1452.6266
5	14:23:58	92700.2480	927.5516	593737.6300	2870.4943	5176.6073	153350.6200	1640.1614
x		92930.8030	897.5486	593564.5600	2781.4645	5210.1284	154093.8700	1580.1502
%RSD		0.442	8.604	0.504	3.146	1.156	1.435	5.647

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:22:07	63.3336	751003.7900	4711.3314	8759.6014	9345.2371	5356.7211	13771.3700
2	14:22:35	56.6669	754215.3100	4836.4030	8436.7686	9252.6338	5074.0443	13681.2210
3	14:23:02	73.3337	748797.9300	4926.4558	8807.1515	9260.1422	5109.0657	13616.1150
4	14:23:30	62.5002	753494.2500	4888.9337	8822.1674	9165.0371	5111.5672	14217.1170
5	14:23:58	53.3335	753010.8500	4838.9045	8799.6436	8737.0778	5211.6292	13859.0150
x		61.8336	752104.4300	4840.4057	8725.0665	9152.0256	5172.6055	13828.9680
%RSD		12.367	0.292	1.680	1.866	2.629	2.223	1.704

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	14:22:07	877180.9800	375.0084	801951.0500	12970.0860	1212249.5000	911020.3200	0.0000
2	14:22:35	879100.8500	385.0089	804733.5700	12972.5890	1211426.8000	914373.1800	0.0000
3	14:23:02	874303.3400	395.0094	802934.3100	13303.1100	1204445.0000	910967.4800	0.0000
4	14:23:30	877823.6600	402.5097	800770.1900	13212.9670	1199669.1000	910354.3500	0.0000
5	14:23:58	876848.5800	380.0087	801863.1700	13200.4470	1204973.9000	911650.1800	0.0000
x		877051.4800	387.5090	802450.4600	13131.8400	1206552.9000	911673.1000	0.0000
%RSD		0.201	2.885	0.186	1.156	0.436	0.173	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	14:25:11	376818.6800	42297.0710	111592.2000	67129.2960	8729.5699	10236.2830	151685.5600
2	14:25:38	379506.6300	42795.4390	112104.0000	68863.3590	8849.6965	10036.0400	153034.9000
3	14:26:05	382531.1500	42633.7800	111493.3900	67335.9530	8769.6119	9645.5790	149364.1900
4	14:26:33	386604.4800	42379.1530	112628.5000	69034.7680	9180.0536	10741.9190	152556.2400
5	14:27:00	380774.2000	41711.6310	111670.7400	69478.4330	9355.2483	10351.4250	154784.2600
x		381247.0300	42363.4150	111897.7700	68368.3620	8976.8361	10202.2490	152285.0300
%RSD		0.957	0.980	0.420	1.555	3.075	3.958	1.304

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	14:25:11	139599.5700	2462.8639	585286.3100	13265.5500	12649.5930	240050.8700	3688.3160
2	14:25:38	139289.4400	2537.8864	589484.8000	13546.0010	12864.9230	242600.6400	3610.7821
3	14:26:05	139373.3300	2662.9254	585224.7000	13443.3350	12935.0310	244546.2900	3723.3316
4	14:26:33	139393.6700	2565.3948	588628.5900	13671.2050	12909.9920	243684.0700	3840.8849
5	14:27:00	139477.5500	2670.4278	594214.9100	12935.0310	12975.0930	243205.3900	3408.1968
x		139426.7100	2579.8997	588567.8600	13372.2240	12866.9270	242817.4500	3654.3023
%RSD		0.084	3.399	0.628	2.139	0.994	0.701	4.395

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:25:11	57.5002	743255.7000	23997.0020	42442.8090	44965.9900	25789.8450	67530.0140
2	14:25:38	55.8335	746303.3500	23894.2070	42495.5770	44583.9460	25875.1090	68344.1110
3	14:26:05	56.6669	747831.6700	23871.6420	42299.5840	45579.3080	26983.6160	68197.9200
4	14:26:33	65.0003	751582.6500	24104.8120	43008.1970	45453.6250	26471.9790	68263.4530
5	14:27:00	75.8337	750610.6300	23743.7780	42503.1150	45151.9920	26070.7170	67676.1930
x		62.1669	747916.8000	23922.2880	42549.8560	45146.9720	26238.2530	68002.3380
%RSD		13.624	0.449	0.569	0.632	0.880	1.878	0.547

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	14:25:11	865994.2300	2022.7455	793243.8900	63914.1650	1191476.6000	900959.6700	0.0000
2	14:25:38	871858.5000	1940.2258	801193.0800	65720.6340	1199039.9000	903087.5600	0.0000
3	14:26:05	866525.4200	1912.7195	802041.6800	64221.5140	1192240.1000	907115.5800	0.0000
4	14:26:33	872633.6900	1857.7070	798881.1400	65073.0820	1209649.2000	911484.7200	0.0000
5	14:27:00	876646.3700	1787.6917	803519.3700	64206.3980	1219859.3000	918837.7700	0.0000
x		870731.6400	1904.2179	799775.8300	64627.1590	1202453.0000	908297.0600	0.0000
%RSD		0.514	4.635	0.503	1.159	1.011	0.786	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	14:28:13	379288.7000	161569.5800	408534.4300	262990.3700	35073.6550	38659.4660	585283.6300
2	14:28:41	379150.9700	162223.7700	418367.2000	267149.5800	35309.6480	39111.5680	583068.6500
3	14:29:08	376184.2900	160006.5200	411431.8900	263697.1900	33713.0570	39392.8880	583673.9000
4	14:29:35	377448.7500	160485.6000	413096.2700	263114.1900	34355.6730	39573.7420	593304.6100
5	14:30:02	384946.1300	157659.0700	416013.6600	263506.2900	34054.4400	39714.4090	589991.3300
x		379403.7700	160388.9100	413488.6900	264091.5200	34501.2950	39290.4150	587064.4200
%RSD		0.884	1.096	0.930	0.656	1.957	1.065	0.753

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	14:28:13	316729.3000	8957.3114	579229.2800	51707.4230	40686.5820	575116.0400	11387.7760
2	14:28:41	316578.7300	8897.2471	577824.0800	51518.7600	40621.2650	574072.6600	11640.6250
3	14:29:08	316664.4000	8837.1833	574118.1300	52140.1070	40817.2190	577609.9800	11578.0370
4	14:29:35	319595.6800	8616.9528	576558.2600	52479.7290	41369.9340	588761.2400	11728.2470
5	14:30:02	319707.3400	8812.1568	581162.1400	51473.4820	40508.2160	576871.3600	11568.0240
x		317855.0900	8824.1703	577778.3800	51863.9000	40800.6430	578486.2500	11580.5420
%RSD		0.516	1.459	0.462	0.836	0.827	1.022	1.082

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:28:13	60.8336	750299.3800	95147.6010	169907.1300	180228.0800	103913.8700	271078.4500
2	14:28:41	71.6670	752614.8600	95177.9440	170942.9900	181668.8600	103529.1300	271695.5600
3	14:29:08	57.5002	743236.6100	96123.7070	172361.7700	182552.8700	105025.1700	276587.6100
4	14:29:35	58.3335	748170.1200	97719.6080	175851.0400	186153.7300	106491.1000	280096.9600
5	14:30:02	69.1670	751817.4800	97620.9620	173180.9900	182468.5500	105961.9200	276140.6500
x		63.5002	749227.6900	96357.9640	172448.7800	182614.4200	104984.2400	275119.8500
%RSD		10.224	0.501	1.309	1.324	1.198	1.213	1.360

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	14:28:13	869621.9200	7485.8608	801258.9900	259990.9200	1222448.2000	924720.7400	0.0000
2	14:28:41	871075.0800	7693.5498	806321.6200	261535.6500	1226239.3000	928194.4700	0.0000
3	14:29:08	870266.8200	7560.9285	814244.2200	263924.2100	1225550.7000	937149.7300	0.0000
4	14:29:35	881384.2000	7973.8131	816978.3900	266187.0000	1236973.2000	940716.2500	0.0000
5	14:30:02	870853.6300	8068.9045	814189.2200	264628.5200	1235285.7000	937725.6900	0.0000
x		872640.3300	7756.6113	810598.4900	263253.2600	1229299.4000	933701.3700	0.0000
%RSD		0.564	3.289	0.810	0.941	0.523	0.735	0.000

SS00 09/14/2011 14:30:49

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	14:31:17	377602.1400	391218.3300	T 1105734.0000	643593.7500	84228.5260	95640.6970	T 1451101.7000
2	14:31:44	374387.7000	397983.4800	T 1097810.0000	652276.4300	85279.1300	96601.6870	T 1455604.9000
3	14:32:11	368333.3300	400857.2500	T 1128737.4000	654582.1200	84748.7610	96697.7920	T 1468918.7000
4	14:32:39	375436.6800	397414.7800	T 1112872.4000	657909.4400	86082.3250	99616.8740	T 1471303.8000
5	14:33:07	371690.0500	396634.7300	T 1113043.1000	652335.8200	87542.4180	98959.1060	T 1453451.2000
x		373489.9800	396821.7100	T 1111639.4000	652139.5100	85576.2320	97503.2310	T 1460076.0000
%RSD		0.959	0.886	T 1.028	0.813	1.514	1.740	T 0.639

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	14:31:17	660489.5400	21006.4430	560657.6700	126637.4700	96414.5380	1269243.7000	27457.6610
2	14:31:44	671439.8500	20923.7350	564790.7400	126761.8400	97061.9890	1255527.7000	27522.8760
3	14:32:11	678617.7800	20846.0410	562991.1300	128914.4800	96272.9150	1270676.9000	27971.8670
4	14:32:39	672592.4600	21096.6700	561581.9000	128975.4200	98607.4750	1285141.2000	28313.0160
5	14:33:07	673775.0000	20913.7100	565370.6500	127546.1700	96530.8730	1248104.2000	27051.3350
x		671382.9200	20957.3200	563078.4200	127767.0700	96977.5580	1265738.7000	27663.3510
%RSD		0.994	0.460	0.358	0.885	0.989	1.137	1.765

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:31:17	74.1670	743427.5600	239641.8500	426880.5700	455304.9000	263686.8700	694174.0900
2	14:31:44	63.3336	741774.5500	237543.0300	426325.7200	457964.8800	260810.9600	687387.1300
3	14:32:11	62.5002	743228.4200	241249.7600	431181.2200	460406.5600	262845.9200	697736.4500
4	14:32:39	55.0002	741449.9900	241766.9300	430123.6100	461346.4600	262087.5900	695085.5600
5	14:33:07	62.5002	735735.2700	235542.4300	422773.9600	454600.4600	261241.6400	688316.8700
x		63.5002	741123.1600	239148.8000	427457.0200	457924.6500	262134.5900	692540.0200
%RSD		10.798	0.423	1.088	0.780	0.653	0.446	0.648

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	14:31:17	868553.6600	19287.2940	811115.0100	661267.7700	1224859.2000	935430.4500	0.0000
2	14:31:44	862970.9100	18969.0650	813193.6900	660643.5600	1224844.8000	931654.2300	2.5000
3	14:32:11	866724.6300	19146.9710	809539.8300	666173.8600	1226778.2000	938431.3900	0.0000
4	14:32:39	865770.1400	19061.7760	809828.4500	665849.4000	1214824.7000	928691.8200	0.0000
5	14:33:07	862730.3100	18888.8830	801470.4500	653691.0900	1212174.7000	920757.0300	0.0000
x		865349.9300	19070.7980	809029.4900	661525.1300	1220696.3000	930992.9800	0.5000
%RSD		0.288	0.813	0.552	0.765	0.547	0.732	223.607

S1000 09/14/2011 14:33:54

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	14:34:21	364887.4200	819669.3800	T2330207.8000	T1417755.0000	178235.9100	199822.3600	T2924381.2000
2	14:34:49	364461.8900	822679.6100	T2277096.8000	T1410806.2000	173334.1300	199300.0700	T2896240.6000
3	14:35:17	361438.5600	833289.2800	T2316580.0000	T1404264.2000	179042.9400	205144.3500	T2931554.3000
4	14:35:45	367029.3100	832839.1000	T2295694.2000	T1398128.9000	177949.9000	205385.1700	T2920358.5000
5	14:36:12	369178.6900	843317.6100	T2329746.7000	T1422670.0000	177939.6800	202567.4500	T2865287.7000
x		365399.1800	830359.0000	T2309865.1000	T1410724.9000	177300.5100	202443.8800	T2907564.4000
%RSD		0.795	1.136	T0.999	T0.702	1.276	1.413	T0.932

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	14:34:21	1280916.3000	41608.6180	556732.1600	70.0003	193211.6800	T2415283.8000	54469.9390
2	14:34:49	T1289572.0000	41920.1740	552617.6300	50.0001	193065.8600	T2428273.0000	54339.0880
3	14:35:17	T1303774.1000	41173.9670	556546.6100	47.5001	192326.5500	T2440591.3000	55348.1970
4	14:35:45	T1289390.2000	42249.3300	547183.5400	47.5001	196497.1700	T2490982.5000	56005.0640
5	14:36:12	1290557.9000	41482.9940	558121.9100	60.0002	190848.1400	T2417032.0000	53259.6530
x		T1290842.1000	41687.0160	554240.3700	55.0002	193189.8800	T2438432.5000	54684.3880
%RSD		T0.636	0.990	0.802	17.896	1.073	T1.274	1.914

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:34:21	67.5003	716851.0700	107.5007	145.0013	137.5011	130.0010	262.5041
2	14:34:49	58.3335	710717.6400	82.5004	97.5006	115.0008	82.5004	150.0014
3	14:35:17	55.0002	712927.4600	77.5004	77.5004	95.0005	57.5002	160.0015
4	14:35:45	54.1668	707652.5500	80.0004	57.5002	85.0004	42.5001	137.5011
5	14:36:12	60.0002	703434.3800	52.5002	72.5003	77.5004	47.5001	170.0017
x		59.0002	710316.6200	80.0004	90.0005	102.0007	72.0004	176.0020
%RSD		9.011	0.718	24.407	37.680	23.852	49.860	28.313

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	14:34:21	837848.3600	36436.9850	780361.0600	132.5011	1184920.5000	899770.9400	0.0000
2	14:34:49	835455.0300	37001.9670	766206.1400	92.5005	1171957.5000	895650.5200	0.0000
3	14:35:17	832775.7100	37396.2210	761494.7600	82.5004	1166434.6000	893228.8600	0.0000
4	14:35:45	831458.4100	37037.1220	754649.6100	77.5004	1155147.6000	886659.7700	2.5000
5	14:36:12	827144.1100	36155.7650	761081.9800	90.0005	1156528.4000	886092.6900	0.0000
x		832936.3200	36805.6120	764758.7100	95.0006	1166997.7000	892280.5600	0.5000
%RSD		0.489	1.358	1.261	22.942	1.046	0.659	223.607

S2000 09/14/2011 14:36:59

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	14:37:27	363699.6500	T1673819.9000	T4497154.7000	T2785139.8000	353580.3100	402359.6200	T5731999.3000
2	14:37:55	359145.9000	T1660346.3000	T4482792.5000	T2788224.4000	353752.3900	408539.6800	T5815922.7000
3	14:38:22	356922.5300	T1704706.0000	T4566438.1000	T2773920.1000	362491.1700	405779.6100	T5749282.3000
4	14:38:49	367797.9400	T1718650.9000	T4481477.5000	T2696805.5000	347596.2900	406309.5200	T5727585.1000
5	14:39:16	360075.5900	T1662677.9000	T4551717.3000	T2730532.6000	349894.5300	395984.9000	T5573603.7000
x		361528.3200	T1684040.2000	T4515916.0000	T2754924.5000	353462.9400	403794.6700	T5719678.6000
%RSD		1.182	T1.556	T0.891	T1.447	1.605	1.212	T1.556

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	14:37:27	T2472528.3000	82534.2000	542436.5300	72.5003	374319.7500	T4641971.5000	106516.4200
2	14:37:55	T2468473.1000	83779.0290	555849.8300	72.5003	375814.8400	T4645305.1000	106546.8100
3	14:38:22	T2479165.6000	84897.7660	544571.7600	77.5004	381546.6900	T4653029.5000	106893.7100
4	14:38:49	T2473873.9000	83369.9570	544554.4300	47.5001	381510.0700	T4682402.4000	107655.9200
5	14:39:16	T2435013.7000	80375.7550	543803.9700	57.5002	372699.5000	T4582148.4000	104835.3000
x		T2465810.9000	82991.3420	546243.3000	65.5003	377178.1700	T4640971.4000	106489.6300
%RSD		T0.715	2.039	0.996	19.160	1.093	T0.787	0.970

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:37:27	55.8335	681507.4100	140.0012	105.0007	87.5005	75.0003	207.5026
2	14:37:55	62.5002	687221.7900	122.5009	107.5007	135.0011	77.5004	147.5013
3	14:38:22	50.8335	686601.1300	135.0011	120.0009	120.0009	57.5002	237.5034
4	14:38:49	65.8336	687126.9300	122.5009	77.5004	120.0009	77.5004	150.0014
5	14:39:16	64.1669	686536.0800	120.0009	107.5007	117.5008	67.5003	170.0017
x		59.8335	685798.6700	128.0010	103.5007	116.0008	71.0003	182.5021
%RSD		10.534	0.353	6.960	15.143	14.978	12.096	21.376

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	14:37:27	808726.2300	71901.3560	740667.2600	102.5006	1124251.7000	851033.0600	0.0000
2	14:37:55	804310.5000	70653.2490	741744.5500	92.5005	1122707.9000	860865.1600	2.5000
3	14:38:22	809899.9200	71896.3130	746832.7800	72.5003	1128007.0000	865504.5600	0.0000
4	14:38:49	813171.6900	72473.7820	738837.5500	95.0005	1136041.5000	866908.6200	0.0000
5	14:39:16	809377.6500	70549.8780	748058.2100	102.5006	1129090.0000	865699.5900	2.5000
x		809097.2000	71494.9160	743228.0700	93.0005	1128019.6000	862002.2000	1.0000
%RSD		0.393	1.188	0.540	13.224	0.460	0.760	136.931

S5000 09/14/2011 14:40:04

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	14:40:31	355808.8900	TM 4057822.8000	T 10814156.0000	T 6690999.6000	864091.0500	997088.9800	T 13943149.0000
2	14:40:59	357691.9900	T 3943654.1000	T 10964370.0000	T 6742691.8000	877106.1900	982229.9300	T 13757165.0000
3	14:41:26	359187.6400	TM 4070041.3000	T 11006824.0000	T 6845432.1000	879256.0100	1006208.7000	T 13804119.0000
4	14:41:53	363730.1100	T 4072452.3000	T 11340331.0000	T 6925495.6000	886995.3200	1002768.7000	T 14126909.0000
5	14:42:21	367366.1700	T 4086124.3000	T 11068850.0000	T 6761911.1000	888154.5800	990817.9700	T 13940978.0000
x		360756.9600	TM 4046019.0000	T 11038906.0000	T 6793306.0000	879120.6300	995822.8600	T 13914464.0000
%RSD		1.307	TM 1.436	T 1.748	T 1.361	1.099	0.963	T 1.039

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	14:40:31	T 5790508.5000	199643.1400	528050.1800	60.0002	919064.6100	T 10965311.0000	255095.5700
2	14:40:59	T 5872484.2000	202377.9300	531708.4000	95.0005	922466.4900	T 11033936.0000	258972.4300
3	14:41:26	T 5827677.6000	201883.6500	531743.0100	50.0001	932139.2300	T 11080770.0000	260168.8500
4	14:41:53	T 5926110.3000	202854.3000	529487.2000	77.5004	934179.8900	T 11191127.0000	261378.3300
5	14:42:21	T 6049219.4000	202851.7400	535671.7900	97.5006	943592.0000	T 11200945.0000	260927.0100
x		T 5893200.0000	201922.1500	531332.1200	76.0004	930288.4400	T 11094418.0000	259308.4400
%RSD		T 1.712	0.661	0.543	27.581	1.051	T 0.915	0.974

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:40:31	67.5003	670566.0200	190.0022	222.5030	212.5027	142.5012	390.0091
2	14:40:59	66.6669	672846.8200	210.0027	187.5021	265.0042	125.0009	377.5086
3	14:41:26	71.6670	675775.1300	192.5022	242.5035	277.5046	130.0010	432.5112
4	14:41:53	70.0003	672743.9900	155.0014	265.0042	220.0029	115.0008	377.5086
5	14:42:21	71.6670	676863.3400	230.0032	235.0033	247.5037	170.0017	410.0101
x		69.5003	673759.0600	195.5023	230.5032	244.5036	136.5011	397.5095
%RSD		3.349	0.377	14.194	12.400	11.464	15.519	5.950

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	14:40:31	790541.8300	169669.8700	721070.3200	185.0021	1090564.8000	828161.8800	0.0000
2	14:40:59	783509.4200	169881.6100	720765.5800	235.0033	1091390.7000	828305.1300	7.5000
3	14:41:26	780848.7200	171598.7600	720931.5500	212.5027	1088734.6000	832877.6900	2.5000
4	14:41:53	785622.6600	171828.4200	724733.5600	212.5027	1090953.6000	829599.9100	5.0000
5	14:42:21	787571.9000	172856.8700	725400.5100	230.0032	1094328.6000	835588.7400	2.5000
x		785618.9000	171167.1100	722580.3000	215.0028	1091194.5000	830906.6700	3.5000
%RSD		0.473	0.793	0.316	9.119	0.185	0.389	81.441

S50000 09/14/2011 14:43:08

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	14:43:36	326019.1200	320.8395	┬100597680.0000	┬60806558.0000	┬8215154.4000	┬9354374.8000	┬125795060.0000
2	14:44:03	324874.8800	419.1772	┬101659930.0000	┬62483927.0000	┬8262576.1000	┬9312160.7000	┬126392170.0000
3	14:44:31	319859.6900	465.8464	┬101871680.0000	┬62599921.0000	┬8362237.9000	┬9601269.3000	┬129419930.0000
4	14:44:58	320923.6100	393.3426	┬103752420.0000	┬63818771.0000	┬8586728.5000	┬9616178.7000	┬130253650.0000
5	14:45:26	318218.6200	229.1698	┬102787990.0000	┬62204416.0000	┬8320258.6000	┬9524208.6000	┬127469700.0000
x		321979.1800	365.6751	┬102133940.0000	┬62382719.0000	┬8349391.1000	┬9481638.4000	┬127866100.0000
%RSD		1.035	25.326	┬1.169	┬1.726	┬1.724	┬1.484	┬1.501

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	14:43:36	┬53119052.0000	┬2078344.0000	491342.7600	62.5002	┬6034976.0000	┬99840439.0000	┬2445875.3000
2	14:44:03	┬54130019.0000	┬2074753.0000	498664.0100	57.5002	┬6068826.5000	┬99746304.0000	┬2470727.0000
3	14:44:31	┬54571248.0000	┬2090639.2000	499568.3400	52.5002	┬6146102.3000	┬101559900.0000	┬2509188.9000
4	14:44:58	┬55430029.0000	┬2125397.7000	506081.7500	42.5001	┬6165621.2000	┬101556180.0000	┬2501438.4000
5	14:45:26	┬55070340.0000	┬2100982.9000	504849.0000	65.0003	┬6126727.0000	┬101138210.0000	┬2497531.9000
x		┬54464138.0000	┬2094023.4000	500101.1700	56.0002	┬6108450.6000	┬100768210.0000	┬2484952.3000
%RSD		┬1.651	┬0.973	1.172	15.972	┬0.896	┬0.900	┬1.055

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:43:36	53.3335	616167.6100	22.5000	77.5004	80.0004	25.0000	45.0001
2	14:44:03	64.1669	621602.3000	27.5000	65.0003	60.0002	30.0001	55.0002
3	14:44:31	70.0003	624766.2700	42.5001	50.0001	72.5003	27.5000	65.0003
4	14:44:58	61.6669	629681.3300	22.5000	62.5002	77.5004	40.0001	62.5002
5	14:45:26	65.8336	632705.5100	35.0001	42.5001	65.0003	20.0000	77.5004
x		63.0002	624984.6100	30.0001	59.5002	71.0003	28.5001	61.0002
%RSD		9.837	1.046	28.868	22.898	11.836	26.022	19.783

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	14:43:36	721266.2400	12.5000	673152.5900	67.5003	1018295.7000	760387.6900	0.0000
2	14:44:03	722498.9600	15.0000	679067.2700	60.0002	1027009.1000	762824.7900	0.0000
3	14:44:31	720939.7200	15.0000	680136.9500	52.5002	1031712.9000	768863.7400	0.0000
4	14:44:58	731710.5000	27.5000	683907.5900	57.5002	1027240.1000	768484.8100	0.0000
5	14:45:26	731007.6500	7.5000	686538.7900	55.0002	1035457.4000	767248.2900	0.0000
x		725484.6100	15.5000	680560.6400	58.5002	1027943.0000	765561.8600	0.0000
%RSD		0.744	47.574	0.750	9.838	0.625	0.491	0.000

S100000 09/14/2011 14:46:13

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	14:46:40	298115.3300	66.6669	T 194273380.0000	T 118965530.0000	T 16134027.0000	T 18095581.0000	T 244557480.0000
2	14:47:07	292548.1500	43.3334	TM 196341330.0000	TM 121416790.0000	TM 16341081.0000	T 18349878.0000	TM 244851090.0000
3	14:47:35	292665.5000	42.5001	TM 198137730.0000	TM 123239950.0000	TM 16601242.0000	TM 18534167.0000	TM 244819320.0000
4	14:48:03	288380.7700	42.5001	TM 198783740.0000	TM 124505710.0000	TM 16533853.0000	TM 18861265.0000	TM 245689350.0000
5	14:48:30	295191.4600	30.8334	TM 197397920.0000	TM 123052400.0000	TM 16628073.0000	TM 18965141.0000	TM 248554460.0000
x		293380.2400	45.1668	TM 196986820.0000	TM 122236070.0000	TM 16447655.0000	TM 18561206.0000	TM 245694340.0000
%RSD		1.228	28.979	TM 0.897	TM 1.745	TM 1.265	TM 1.934	TM 0.673

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	14:46:40	T 104130270.0000	T 3999660.3000	487654.0200	120.0009	T 11650932.0000	T 192338840.0000	T 4707066.9000
2	14:47:07	TM 105422640.0000	T 4049621.9000	486186.9100	97.5006	TM 11853809.0000	T 193399290.0000	T 4749954.7000
3	14:47:35	T 104875540.0000	TM 4100695.9000	487623.5700	90.0005	TM 11850693.0000	T 193985690.0000	TM 4795897.1000
4	14:48:03	TM 105886960.0000	TM 4109517.2000	484463.2500	85.0004	TM 11939143.0000	TM 195571850.0000	TM 4811751.5000
5	14:48:30	TM 106981070.0000	TM 4093572.5000	488851.2000	115.0008	T 11812598.0000	TM 195266570.0000	T 4775388.2000
x		TM 105459290.0000	TM 4070613.6000	486955.7900	101.5006	TM 11821435.0000	TM 194112450.0000	TM 4768011.7000
%RSD		TM 1.018	TM 1.127	0.346	15.143	TM 0.896	TM 0.688	TM 0.864

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:46:40	70.0003	588439.6800	67.5003	107.5007	120.0009	55.0002	112.5008
2	14:47:07	77.5004	589214.1300	55.0002	115.0008	150.0014	40.0001	85.0004
3	14:47:35	85.0004	587236.6000	45.0001	87.5005	107.5007	40.0001	82.5004
4	14:48:03	80.8337	586623.0700	57.5002	102.5006	127.5010	55.0002	112.5008
5	14:48:30	70.8336	592878.3100	55.0002	105.0007	177.5019	40.0001	100.0006
x		76.8337	588878.3600	56.0002	103.5007	136.5012	46.0001	98.5006
%RSD		8.380	0.417	14.328	9.752	20.255	17.861	14.646

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	14:46:40	682116.8700	7.5000	643542.5100	105.0007	944250.7200	700644.6700	0.0000
2	14:47:07	681139.0400	10.0000	645206.5900	80.0004	944300.9600	698674.0800	0.0000
3	14:47:35	689778.0900	5.0000	644022.5500	75.0003	945518.0600	700458.7200	0.0000
4	14:48:03	686660.7500	0.0000	646320.6500	112.5008	944490.7800	698283.2700	0.0000
5	14:48:30	686075.3600	12.5000	649938.9600	122.5009	951030.6100	702374.0400	0.0000
x		685154.0200	7.0000	645806.2500	99.0006	945918.2300	700086.9600	0.0000
%RSD		0.515	68.698	0.395	20.870	0.307	0.236	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	14:49:45	347279.3100	82602.3700	T4571168.6000	T1755533.6000	222588.5600	246734.3900	T1558787.1000
2	14:50:13	346324.1000	82277.5130	T4548523.8000	T1759804.6000	221305.0500	248155.6700	T1556188.4000
3	14:50:40	353621.1600	82197.5640	T4574020.5000	T1752347.4000	220961.1000	252173.6200	T1565995.8000
4	14:51:07	355164.7700	81065.7240	T4568094.6000	T1750889.8000	216675.7500	250710.4500	T1555743.4000
5	14:51:34	358198.0500	81475.5250	T4555491.4000	T1738246.4000	222352.3800	250313.7900	T1538567.2000
x		352117.4800	81923.7390	T4563459.8000	T1751364.4000	220776.5700	249617.5800	T1555056.4000
%RSD		1.458	0.771	T0.240	T0.462	1.084	0.865	T0.649

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	14:49:45	T2555013.2000	91004.2070	574229.1600	50.0001	144168.8900	T2515558.2000	56576.4040
2	14:50:13	T2542611.3000	92242.7130	578507.9200	25.0000	144273.1700	T2523506.1000	55630.0650
3	14:50:40	T2585472.2000	92788.7250	581783.3200	45.0001	144097.6700	T2531576.0000	56614.1590
4	14:51:07	T2591727.7000	91828.1720	578988.3800	35.0001	144863.2700	T2524583.5000	55521.8460
5	14:51:34	T2576598.2000	92905.0100	582877.1800	50.0001	142632.7900	T2493787.7000	55584.7640
x		T2570284.5000	92153.7650	579277.1900	41.0001	144007.1600	T2517802.3000	55985.4470
%RSD		T0.809	0.841	0.582	26.438	0.573	T0.579	0.997

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:49:45	55.8335	703390.9300	97246.6230	173275.4300	183825.3900	106556.9300	279941.8700
2	14:50:13	70.8336	716407.7800	96981.0550	172497.0300	186128.1600	105683.4200	278634.1200
3	14:50:40	64.1669	715649.0600	98116.7330	174674.1800	186043.8100	106845.6000	280034.9200
4	14:51:07	48.3335	721171.0000	96556.1640	173962.0100	186580.6200	107673.6500	280290.8100
5	14:51:34	58.3335	727551.4400	97206.1550	174166.2100	185629.7300	106455.6500	277843.3700
x		59.5002	716834.0400	97221.3460	173714.9700	185641.5400	106643.0500	279349.0200
%RSD		14.304	1.240	0.587	0.487	0.576	0.674	0.379

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	14:49:45	818205.4700	3853.3907	751721.9100	37.5001	1120122.1000	850002.9600	0.0000
2	14:50:13	824057.0800	3830.8803	761724.3900	47.5001	1128833.5000	855113.2300	0.0000
3	14:50:40	830221.2100	3830.8803	758977.4100	27.5000	1129543.2000	862881.0300	0.0000
4	14:51:07	832219.0000	3933.4281	760644.6300	55.0002	1138925.8000	862303.0500	0.0000
5	14:51:34	837266.5100	3810.8712	770788.7100	37.5001	1142450.4000	877513.3900	0.0000
x		828393.8500	3851.8901	760771.4100	41.0001	1131975.0000	861562.7300	0.0000
%RSD		0.894	1.246	0.897	25.726	0.783	1.206	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	14:52:49	365245.9600	43.3334	29753.0200	1355.1102	150.0014	215.0028	7493.3675
2	14:53:16	364877.8500	27.5000	25433.7530	1275.0975	210.0027	150.0014	7528.3991
3	14:53:44	366147.6000	27.5000	22668.2890	1140.0780	145.0013	180.0019	7413.2960
4	14:54:11	370083.3600	24.1667	20770.8530	995.0594	125.0009	115.0008	6877.8371
5	14:54:39	373124.5700	30.0001	19943.8370	890.0475	125.0009	115.0008	6602.6146
x		367895.8700	30.5001	23713.9510	1131.0785	151.0014	155.0015	7183.1029
%RSD		0.974	24.484	16.788	16.984	23.108	27.843	5.818

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	14:52:49	82779.1110	437.5115	589344.1000	47.5001	3548.2552	132611.8200	1097.5723
2	14:53:16	83612.3680	395.0094	588596.4400	42.5001	3488.2299	135322.3800	1207.5875
3	14:53:44	83347.2320	350.0074	587827.4000	32.5001	3505.7373	136448.0100	1150.0794
4	14:54:11	84594.7080	430.0111	598669.9400	37.5001	3628.2897	139566.5200	1177.5832
5	14:54:39	83132.6040	352.5075	600605.8100	35.0001	3630.7908	138870.0300	1145.0787
x		83493.2040	393.0094	593008.7400	39.0001	3560.2606	136563.7500	1155.5802
%RSD		0.823	10.524	1.031	15.438	1.879	2.055	3.540

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:52:49	46.6668	730588.1500	32.5001	30.0001	52.5002	20.0000	82.5004
2	14:53:16	60.8336	734596.0500	30.0001	35.0001	30.0001	30.0001	55.0002
3	14:53:44	64.1669	735827.9400	22.5000	17.5000	7.5000	10.0000	50.0001
4	14:54:11	45.0001	741564.5400	10.0000	17.5000	17.5000	0.0000	17.5000
5	14:54:39	68.3336	746262.4200	27.5000	20.0000	7.5000	12.5000	7.5000
x		57.0002	737767.8200	24.5000	24.0000	23.0000	14.5000	42.5002
%RSD		18.510	0.835	36.364	33.431	82.207	77.490	71.198

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	14:52:49	846174.9700	0.0000	769623.0100	10.0000	1147867.0000	871104.1500	0.0000
2	14:53:16	844830.8100	0.0000	767456.1900	10.0000	1150206.6000	872695.9800	0.0000
3	14:53:44	852180.6800	2.5000	776011.6800	7.5000	1149778.0000	878589.6800	0.0000
4	14:54:11	866683.1200	0.0000	781963.8700	7.5000	1163601.5000	882171.3100	0.0000
5	14:54:39	863164.5000	5.0000	786968.7100	5.0000	1159316.4000	885181.8400	0.0000
x		854606.8200	1.5000	776404.6900	8.0000	1154153.9000	877948.5900	0.0000
%RSD		1.158	149.071	1.056	26.146	0.597	0.686	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	14:55:54	298775.0000	200.0024	T 194587630.0000	T 115958400.0000	T 15688998.0000	T 17914469.0000	TM 248981500.0000
2	14:56:21	300614.4100	203.3358	T 195466610.0000	T 115595130.0000	T 15451369.0000	T 17626094.0000	TM 248443640.0000
3	14:56:48	299941.6400	171.6684	T 196355870.0000	T 115094410.0000	T 15504199.0000	T 17813211.0000	TM 254567260.0000
4	14:57:15	306248.2400	198.3357	T 195813420.0000	T 116028260.0000	T 15596373.0000	T 17860942.0000	TM 254914930.0000
5	14:57:42	300718.9100	222.5030	T 193293960.0000	T 115098960.0000	T 15519902.0000	T 17507098.0000	TM 251572390.0000
x		301259.6400	199.1691	T 195103490.0000	T 115555030.0000	T 15552168.0000	T 17744363.0000	TM 251695940.0000
%RSD		0.961	9.119	T 0.614	T 0.389	T 0.594	T 0.966	TM 1.201

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	14:55:54	TM 108897060.0000	TM 4194003.1000	486443.7700	515897.0200	TM 12230163.0000	TM 200960150.0000	TM 4999469.0000
2	14:56:21	TM 109645100.0000	TM 4170798.3000	486324.6100	512560.2700	TM 12247508.0000	TM 203522590.0000	TM 5065359.2000
3	14:56:48	TM 111377170.0000	TM 4161118.2000	489770.3800	520537.6900	TM 12477080.0000	TM 203871080.0000	TM 5055676.2000
4	14:57:15	TM 112305110.0000	TM 4195135.0000	487620.9200	509283.2300	TM 12419221.0000	TM 206877290.0000	TM 5091540.7000
5	14:57:42	TM 112610680.0000	TM 4214104.8000	493884.0800	511043.7600	TM 12404582.0000	TM 207503960.0000	TM 5141368.7000
x		TM 110967020.0000	TM 4187031.9000	488808.7500	513864.3900	TM 12355711.0000	TM 204547010.0000	TM 5070682.7000
%RSD		TM 1.473	TM 0.504	0.646	0.867	TM 0.892	TM 1.306	TM 1.023

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:55:54	92.5005	623192.2200	910423.8600	1642207.1000	1756213.6000	985743.2300	T 2937925.0000
2	14:56:21	89.1671	631296.9700	915914.4500	1664090.9000	1780419.6000	1006773.7000	T 2963921.4000
3	14:56:48	86.6671	637784.0800	929786.9300	1689498.7000	1812206.5000	1017690.5000	T 3013872.5000
4	14:57:15	92.5005	642938.4500	933087.0200	1685681.5000	1819062.3000	1035451.8000	T 3049341.5000
5	14:57:42	93.3339	648943.1700	944019.0500	1720023.4000	1834384.8000	1030309.1000	T 3055443.0000
x		90.8338	636830.9800	926646.2600	1680300.3000	1800457.3000	1015193.7000	T 3004100.7000
%RSD		3.111	1.573	1.459	1.736	1.755	1.960	T 1.727

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	14:55:54	724251.7500	1352.6098	690214.6100	167.5017	1040512.8000	758603.0200	0.0000
2	14:56:21	737956.9100	1360.1110	704917.1600	227.5031	1064327.8000	775221.7400	2.5000
3	14:56:48	742996.5500	1462.6283	712742.6100	210.0027	1090894.0000	792717.1300	0.0000
4	14:57:15	752576.6300	1260.0953	720852.6400	227.5031	1100926.3000	799137.8400	0.0000
5	14:57:42	760507.9600	1302.6018	717748.6200	220.0029	1113976.9000	805428.6500	0.0000
x		743657.9600	1347.6092	709295.1300	210.5027	1082127.5000	786221.6800	0.5000
%RSD		1.869	5.639	1.727	11.918	2.731	2.431	223.607

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	14:58:57	307315.6500	12813.1760	T 197595570.0000	T 118159030.0000	T 15823221.0000	T 17864573.0000	TM 257442800.0000
2	14:59:25	313095.7800	12076.2440	T 195824980.0000	T 115515510.0000	T 15507596.0000	T 17850921.0000	T 250646400.0000
3	14:59:52	310066.4500	12339.1280	T 196202170.0000	T 113883660.0000	T 15561396.0000	T 17858253.0000	T 253345800.0000
4	15:00:20	305283.8100	12633.7360	T 198144070.0000	T 116982890.0000	T 15629305.0000	T 17788944.0000	TM 254233490.0000
5	15:00:47	305393.5500	12707.1810	T 198899010.0000	T 117599260.0000	T 15993564.0000	T 17917891.0000	TM 253093910.0000
x		308231.0500	12513.8930	T 197333160.0000	T 116428070.0000	T 15703016.0000	T 17856117.0000	TM 253752480.0000
%RSD		1.083	2.409	T 0.657	T 1.487	T 1.284	T 0.257	TM 0.967

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	14:58:57	TM 112738170.0000	TM 4165353.2000	494215.3800	507074.4600	TM 12617464.0000	TM 209343210.0000	TM 5148308.9000
2	14:59:25	TM 113406940.0000	TM 4236216.7000	495975.4700	517199.1300	TM 12488992.0000	TM 208974820.0000	TM 5111904.1000
3	14:59:52	TM 112902600.0000	TM 4218144.7000	495560.6000	515006.9200	TM 12612010.0000	TM 209466940.0000	TM 5178916.4000
4	15:00:20	TM 114129490.0000	TM 4275815.2000	496923.2600	521726.1600	TM 12756803.0000	TM 211820170.0000	TM 5189721.5000
5	15:00:47	TM 114076190.0000	TM 4325737.8000	494634.1700	520574.9100	TM 12622774.0000	TM 209067450.0000	TM 5202833.0000
x		TM 113450680.0000	TM 4244253.5000	495461.7800	516316.3200	TM 12619609.0000	TM 209734520.0000	TM 5166336.8000
%RSD		TM 0.568	TM 1.424	0.218	1.126	TM 0.751	TM 0.564	TM 0.706

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	14:58:57	80.0004	652403.3000	936419.0300	1700807.9000	1829066.1000	1031946.9000	T 3048391.9000
2	14:59:25	86.6671	658141.7500	943349.1800	1721319.6000	1836501.4000	1036137.1000	T 3049697.6000
3	14:59:52	73.3337	658455.1100	953969.8100	1727773.2000	1853399.3000	1047830.2000	T 3091339.4000
4	15:00:20	83.3337	667022.9100	970584.0800	1750231.5000	1880632.1000	1059815.9000	T 3121371.7000
5	15:00:47	96.6672	660303.0900	965590.9100	1748558.8000	1862219.8000	1060350.4000	T 3120659.5000
x		84.0004	659265.2300	953982.6000	1729738.2000	1852363.8000	1047216.1000	T 3086292.0000
%RSD		10.272	0.796	1.512	1.187	1.110	1.252	T 1.170

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	14:58:57	760051.5000	2067.7565	728727.8700	222.5030	1117420.4000	806965.9900	0.0000
2	14:59:25	766217.0800	2050.2522	732241.7600	232.5032	1133682.9000	811213.9800	0.0000
3	14:59:52	768769.3500	2062.7553	732593.2300	250.0038	1129526.1000	812658.8500	0.0000
4	15:00:20	768304.2500	1875.2110	735999.6600	272.5045	1132553.7000	818333.4100	0.0000
5	15:00:47	773908.9800	2010.2424	736225.8900	247.5037	1136672.0000	822004.7200	0.0000
x		767450.2300	2013.2435	733157.6800	245.0036	1129971.0000	814235.3900	0.0000
%RSD		0.653	3.993	0.422	7.771	0.661	0.731	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:02:02	320852.6200	134.1678	┬104886740.0000	┬62769098.0000	┬8481970.9000	┬9661011.5000	┬137940680.0000
2	15:02:29	322095.9000	143.3346	┬106541190.0000	┬63520211.0000	┬8568702.7000	┬9836117.7000	┬139240770.0000
3	15:02:57	323446.7400	155.8348	┬105789840.0000	┬62343833.0000	┬8510604.1000	┬9721836.0000	┬138041160.0000
4	15:03:24	326695.6900	159.1682	┬105310520.0000	┬62543619.0000	┬8530536.5000	┬9664782.5000	┬137861260.0000
5	15:03:52	327494.4800	157.5015	┬105063500.0000	┬63136807.0000	┬8476459.1000	┬9651688.8000	┬137969480.0000
x		324117.0800	150.0014	┬105518360.0000	┬62862713.0000	┬8513654.7000	┬9707087.3000	┬138210670.0000
%RSD		0.890	7.222	┬0.630	┬0.749	┬0.444	┬0.795	┬0.419

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	15:02:02	┬60986740.0000	┬2288124.2000	529501.8400	276236.2400	┬6784237.7000	┬112702610.0000	┬2797913.1000
2	15:02:29	┬61334373.0000	┬2279556.5000	529106.6400	274998.8100	┬6781326.2000	┬113422520.0000	┬2831201.1000
3	15:02:57	┬61011907.0000	┬2284689.3000	529726.7300	278187.0500	┬6825079.6000	┬113605340.0000	┬2834068.6000
4	15:03:24	┬60527599.0000	┬2252370.4000	524392.1900	281598.8200	┬6972188.7000	┬115707400.0000	┬2851439.8000
5	15:03:52	┬61359267.0000	┬2267261.3000	530240.4000	278150.8700	┬6871252.4000	┬114412270.0000	┬2829850.5000
x		┬61043977.0000	┬2274400.4000	528593.5600	277834.3600	┬6846816.9000	┬113970030.0000	┬2828894.6000
%RSD		┬0.552	┬0.644	0.451	0.900	┬1.154	┬1.006	┬0.685

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:02:02	80.8337	700103.1200	501080.1800	901711.0400	958184.7400	547516.9000	1474667.3000
2	15:02:29	61.6669	710543.7100	503231.6900	900622.2000	961336.0800	549045.2000	1465987.0000
3	15:02:57	68.3336	706881.0100	507544.3000	912234.2100	974630.5100	554427.0900	1485713.3000
4	15:03:24	73.3337	711130.7500	508492.0400	914423.2500	978690.0000	556060.7300	1494563.9000
5	15:03:52	77.5004	711649.8800	505553.6000	899836.2000	960155.9400	551782.4200	1480572.4000
x		72.3336	708061.6900	505180.3600	905765.3800	966599.4500	551766.4700	1480300.8000
%RSD		10.477	0.682	0.605	0.771	0.969	0.647	0.732

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	15:02:02	825208.0500	727.5318	770151.1100	75.0003	1202832.6000	877244.6900	0.0000
2	15:02:29	827053.2200	862.5446	784959.3000	152.5014	1214600.3000	888272.4600	0.0000
3	15:02:57	823677.1300	815.0399	780843.2400	122.5009	1215239.1000	890101.8300	0.0000
4	15:03:24	822350.1900	782.5367	787204.5000	137.5011	1215598.9000	889777.2600	0.0000
5	15:03:52	826898.9800	877.5462	783517.6400	127.5010	1228017.3000	898254.7100	0.0000
x		825037.5100	813.0398	781335.1600	123.0010	1215257.6000	888730.1900	0.0000
%RSD		0.247	7.496	0.853	23.721	0.733	0.845	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:05:06	326516.3700	6804.4436	↑106345790.0000	↑63040914.0000	↑8361856.6000	↑9523091.3000	↑136648720.0000
2	15:05:33	330337.6300	7011.2816	↑102978080.0000	↑61198877.0000	↑8379119.8000	↑9658008.6000	↑136924580.0000
3	15:06:00	331728.7900	7075.5025	↑107436890.0000	↑63788942.0000	↑8562289.7000	↑9860035.5000	↑138773190.0000
4	15:06:27	326060.7000	6793.6014	↑106774730.0000	↑63692168.0000	↑8658485.0000	↑9719845.8000	↑137405620.0000
5	15:06:54	329060.2200	7031.2984	↑106594050.0000	↑63240293.0000	↑8468174.2000	↑9692366.5000	↑137397270.0000
x		328740.7400	6943.2255	↑106025910.0000	↑62992239.0000	↑8485985.1000	↑9690669.5000	↑137429870.0000
%RSD		0.741	1.926	↑1.652	↑1.666	↑1.476	↑1.250	↑0.595

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	15:05:06	↑60162091.0000	↑2262831.1000	529831.8600	275564.5400	↑6831312.6000	↑113875190.0000	↑2800531.3000
2	15:05:33	↑60715336.0000	↑2277565.9000	532452.4800	275866.8000	↑6801173.1000	↑112336310.0000	↑2822785.6000
3	15:06:00	↑61586246.0000	↑2311250.9000	531227.9200	276918.3300	↑6933253.5000	↑114491220.0000	↑2851086.6000
4	15:06:27	↑61679515.0000	↑2342633.1000	532907.7400	279926.3700	↑6899772.1000	↑114402330.0000	↑2863096.9000
5	15:06:54	↑62443445.0000	↑2326532.2000	529175.8300	274089.5800	↑6876378.2000	↑113981150.0000	↑2849548.9000
x		↑61317327.0000	↑2304162.6000	531119.1700	276473.1200	↑6868377.9000	↑113817240.0000	↑2837409.9000
%RSD		↑1.452	↑1.447	0.304	0.788	↑0.769	↑0.763	↑0.893

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:05:06	51.6668	709796.3700	497616.6000	891375.2600	956605.3000	544343.8200	1450680.4000
2	15:05:33	88.3338	707744.9200	500387.8800	902925.0400	964438.1800	549293.2800	1478278.7000
3	15:06:00	60.0002	713724.0000	504088.7300	903808.5500	972350.8400	550600.4500	1476761.7000
4	15:06:27	80.8337	716753.1700	507833.6600	907371.3100	973210.5500	558399.6100	1494970.6000
5	15:06:54	77.5004	714732.7000	508011.5200	908822.3900	968686.1200	554491.1400	1486588.2000
x		71.6670	712550.2300	503587.6800	902860.5100	967058.2000	551425.6600	1477455.9000
%RSD		21.299	0.518	0.909	0.761	0.703	0.966	1.127

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	15:05:06	829031.0100	1145.0787	785148.4400	140.0012	1216272.3000	892669.6900	0.0000
2	15:05:33	827496.6700	1082.5703	782533.8200	147.5013	1224914.0000	896029.4400	0.0000
3	15:06:00	826604.2800	1150.0794	782468.0600	102.5006	1225009.0000	894386.1800	0.0000
4	15:06:27	831772.5600	1200.0864	788399.9800	120.0009	1224896.7000	895592.2200	0.0000
5	15:06:54	830943.1200	1075.0693	787294.9800	162.5016	1226625.4000	894283.4800	0.0000
x		829169.5300	1130.5768	785169.0500	134.5011	1223543.5000	894592.2000	0.0000
%RSD		0.265	4.598	0.344	17.506	0.338	0.147	0.000

CCV 09/14/2011 15:07:42

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:08:09	331374.2600	┬1812797.6000	┬105252270.0000	┬62882516.0000	┬8461934.5000	┬9520228.1000	┬136165380.0000
2	15:08:37	332636.4100	┬1819886.7000	┬103969340.0000	┬62547008.0000	┬8400230.8000	┬9578364.1000	┬136672790.0000
3	15:09:04	326343.1100	┬1830309.4000	┬105221150.0000	┬63503839.0000	┬8649194.8000	┬9642959.6000	┬136410440.0000
4	15:09:32	328340.1300	┬1834307.8000	┬104654880.0000	┬63167551.0000	┬8554282.1000	┬9692995.0000	┬137035270.0000
5	15:09:59	328627.8100	┬1875844.9000	┬103514050.0000	┬61907483.0000	┬8359707.4000	┬9589851.6000	┬135083170.0000
x		329464.3400	┬1834629.3000	┬104522340.0000	┬62801679.0000	┬8485069.9000	┬9604879.7000	┬136273410.0000
%RSD		0.765	┬1.338	┬0.735	┬0.974	┬1.384	┬0.685	┬0.543

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	15:08:09	┬58292815.0000	┬2171397.5000	529559.0600	157.5015	┬6804084.6000	┬110528710.0000	┬2748895.5000
2	15:08:37	┬57772593.0000	┬2174246.9000	535167.1100	192.5022	┬6758014.3000	┬110993550.0000	┬2731898.2000
3	15:09:04	┬58060508.0000	┬2210215.3000	531977.2800	117.5008	┬6663352.0000	┬108744750.0000	┬2680594.9000
4	15:09:32	┬57204891.0000	┬2184024.5000	532251.4800	132.5011	┬6815525.2000	┬109487650.0000	┬2703742.7000
5	15:09:59	┬57580746.0000	┬2160234.2000	525011.9500	142.5012	┬6643730.6000	┬108605730.0000	┬2671763.8000
x		┬57782311.0000	┬2180023.7000	530793.3700	148.5014	┬6736941.3000	┬109672080.0000	┬2707379.0000
%RSD		┬0.730	┬0.866	0.715	19.254	┬1.179	┬0.968	┬1.214

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:08:09	80.8337	694312.4300	255.0039	487.5143	572.5197	242.5035	730.0320
2	15:08:37	73.3337	689615.4200	315.0060	405.0098	437.5115	167.5017	537.5173
3	15:09:04	81.6671	689168.0900	262.5041	395.0094	397.5095	192.5022	552.5183
4	15:09:32	84.1671	688251.8100	240.0035	327.5064	382.5088	195.0023	505.0153
5	15:09:59	73.3337	680380.6900	192.5022	352.5075	392.5092	180.0019	512.5158
x		78.6670	688345.6900	253.0039	393.5095	436.5117	195.5023	567.5197
%RSD		6.382	0.731	17.418	15.566	18.065	14.564	16.357

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	15:08:09	803612.7600	87431.2600	764319.0900	267.5043	1153675.6000	853538.4000	2.5000
2	15:08:37	802634.9200	86213.6730	758231.3700	232.5032	1147967.0000	848400.0600	2.5000
3	15:09:04	*803892.9500*	*86536.9980*	*762320.3600*	*265.0042*	*1142841.5000*	*843183.3200*	*2.5000*
4	15:09:32	799883.2700	85688.2960	750924.6100	230.0032	1143355.3000	840460.2700	2.5000
5	15:09:59	793795.3800	85276.6050	748549.5300	282.5048	1129765.6000	837430.5800	10.0000
x		800763.8600	86229.3660	756868.9900	255.5039	1143521.0000	844602.5300	4.0000
%RSD		0.525	0.960	0.914	9.058	0.773	0.760	83.853

CCB 09/14/2011 15:10:48

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:11:16	362559.9000	112.5008	57948.2820	1880.2121	200.0024	330.0065	8656.9943
2	15:11:44	372924.2300	130.8344	49755.5950	2495.3736	335.0067	410.0101	10894.6170
3	15:12:11	382522.4300	157.5015	43973.2130	3465.7205	440.0116	470.0133	11948.5600
4	15:12:38	385302.0200	149.1680	38898.0720	3325.6635	560.0188	505.0153	12940.0390
5	15:13:05	383476.4700	110.8341	35166.5450	3125.5860	355.0076	450.0122	11623.1000
x		377357.0100	132.1677	45148.3420	2858.5111	378.0094	433.0115	11212.6620
%RSD		2.534	15.936	19.970	23.121	35.254	15.484	14.330

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	15:11:16	106197.3900	472.5134	588256.1200	35.0001	3425.7040	132347.6700	1000.0600
2	15:11:44	102666.0500	500.0150	586920.4500	47.5001	3593.2745	137563.6300	1117.5749
3	15:12:11	101218.5000	600.0216	602935.3400	47.5001	3883.4046	142546.3300	1102.5729
4	15:12:38	97653.8430	522.5164	600540.0700	37.5001	3875.9011	144023.9100	1137.5776
5	15:13:05	97451.4950	522.5164	608915.0200	45.0001	3878.4023	142973.5500	1087.5710
x		101037.4600	523.5166	597513.4000	42.5001	3731.3373	139891.0200	1089.0713
%RSD		3.624	9.065	1.602	13.795	5.655	3.501	4.875

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:11:16	51.6668	776290.9800	37.5001	47.5001	30.0001	20.0000	42.5001
2	15:11:44	72.5003	776682.5700	37.5001	32.5001	32.5001	7.5000	27.5000
3	15:12:11	55.0002	789329.6000	22.5000	30.0001	20.0000	12.5000	35.0001
4	15:12:38	64.1669	792750.0500	32.5001	40.0001	45.0001	15.0000	30.0001
5	15:13:05	60.8336	788441.1100	22.5000	35.0001	40.0001	12.5000	30.0001
x		60.8336	784698.8600	30.5001	37.0001	33.5001	13.5000	33.0001
%RSD		13.387	0.977	24.862	18.749	28.710	33.641	18.087

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	15:11:16	896465.2800	2.5000	828171.5300	17.5000	1262138.6000	957580.8900	0.0000
2	15:11:44	897187.1200	0.0000	831921.3700	7.5000	1273567.3000	965956.0700	0.0000
3	15:12:11	910757.5400	12.5000	845783.0200	15.0000	1285962.1000	973034.1200	0.0000
4	15:12:38	918541.3600	2.5000	849877.3200	22.5000	1287621.4000	974752.3500	0.0000
5	15:13:05	921987.5800	5.0000	848325.5100	7.5000	1299869.9000	977303.0100	0.0000
x		908987.7800	4.5000	840815.7500	14.0000	1281831.9000	969725.2900	0.0000
%RSD		1.301	106.863	1.193	46.566	1.125	0.824	0.000

PBW 09/14/2011 15:13:54

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:14:21	385941.4500	65.0003	34493.7420	1525.1396	195.0023	205.0025	10799.4930
2	15:14:49	389296.3900	39.1668	31976.2310	1530.1405	215.0028	220.0029	10714.3830
3	15:15:17	387375.7500	50.0001	30789.2740	1385.1151	175.0018	235.0033	10326.3940
4	15:15:44	381365.3300	53.3335	29865.9230	1225.0900	165.0016	185.0021	10298.8600
5	15:16:11	386869.7000	50.8335	28180.0670	1375.1134	155.0014	170.0017	10469.0720
x		386169.7200	51.6668	31061.0470	1408.1197	181.0020	203.0025	10521.6410
%RSD		0.764	17.852	7.623	8.962	13.306	12.869	2.151
Run	**Time**	**39K**	**44Ca**	**45Sc**	**47Ti**	**54Fe**	**56Fe**	**57Fe**
1	15:14:21	93681.1260	650.0254	585631.8600	65.0003	3883.4046	134486.5100	845.0428
2	15:14:49	90769.1650	675.0273	588556.2400	62.5002	3960.9411	135733.9900	942.5533
3	15:15:17	92156.7700	707.5300	589468.7200	40.0001	3700.8216	137329.8200	940.0530
4	15:15:44	90112.0910	777.5363	590241.9300	55.0002	3910.9175	136117.6800	1012.5615
5	15:16:11	91234.2020	727.5318	590118.6400	65.0003	3875.9011	136719.9100	925.0513
x		91590.6710	707.5302	588803.4800	57.5002	3866.3972	136077.5800	933.0524
%RSD		1.513	6.947	0.322	18.446	2.545	0.791	6.402
Run	**Time**	**83Kr**	**89Y**	**94Mo**	**95Mo**	**96Mo**	**97Mo**	**98Mo**
1	15:14:21	60.0002	770334.4500	25.0000	52.5002	22.5000	5.0000	47.5001
2	15:14:49	58.3335	775195.7300	15.0000	37.5001	12.5000	7.5000	35.0001
3	15:15:17	70.8336	780985.7100	22.5000	12.5000	17.5000	20.0000	20.0000
4	15:15:44	54.1668	780591.1900	7.5000	20.0000	10.0000	5.0000	20.0000
5	15:16:11	58.3335	775505.1200	20.0000	17.5000	20.0000	10.0000	37.5001
x		60.3336	776522.4400	18.0000	28.0001	16.5000	9.5000	32.0001
%RSD		10.364	0.567	38.540	59.360	31.419	65.526	37.222
Run	**Time**	**103Rh**	**108Mo O**	**115In**	**118Sn**	**159Tb**	**209Bi**	**220Bkg**
1	15:14:21	903336.2200	2.5000	831433.6100	17.5000	1266728.0000	953507.3500	0.0000
2	15:14:49	901561.0400	0.0000	834060.1400	32.5001	1273376.2000	961445.1500	0.0000
3	15:15:17	897714.6500	0.0000	837732.5400	30.0001	1278487.2000	965080.2800	2.5000
4	15:15:44	908947.4900	2.5000	831199.3800	52.5002	1279214.7000	965760.2000	0.0000
5	15:16:11	903819.6700	0.0000	835005.6600	32.5001	1287125.3000	968567.1600	0.0000
x		903075.8100	1.0000	833886.2700	33.0001	1276986.3000	962872.0300	0.5000
%RSD		0.450	136.931	0.325	38.030	0.592	0.604	223.607

LCS 09/14/2011 15:17:00

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:17:28	390567.1600	1774.3555	T2409259.5000	T1480666.9000	179916.4500	199105.5000	125678.1100
2	15:17:55	388785.8600	1609.3220	T2392899.3000	T1438804.7000	175702.9700	199648.2600	124071.8000
3	15:18:22	391044.6200	1701.8404	T2418293.5000	T1465888.0000	182230.9400	204888.1600	125972.5000
4	15:18:50	400304.0900	1691.8384	T2439452.6000	T1455380.1000	184500.0500	204877.9100	128236.6400
5	15:19:17	391695.8300	1666.8334	T2394197.2000	T1446906.0000	174870.7400	201317.7100	125239.0700
x		392479.5100	1688.8380	T2410820.4000	T1457529.2000	179444.2300	201967.5100	125839.6300
%RSD		1.148	3.540	T0.797	T1.124	2.306	1.378	1.210

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	15:17:28	T1448359.1000	43656.5550	586667.2700	50.0001	59229.7440	1091194.8000	23713.6920
2	15:17:55	T1428556.1000	44671.9150	594563.5000	57.5002	59614.9770	1097832.7000	23646.0000
3	15:18:22	T1464997.9000	44186.8390	591359.6500	40.0001	60027.9250	1101824.1000	23949.3650
4	15:18:50	T1448813.7000	44413.0370	600585.6900	62.5002	59312.8320	1102514.6000	23515.6320
5	15:19:17	T1465779.8000	44194.3790	589579.9400	75.0003	59302.7610	1088124.6000	23132.0610
x		T1451301.3000	44224.5450	592551.2100	57.0002	59497.6480	1096298.2000	23591.3500
%RSD		T1.050	0.847	0.899	23.084	0.557	0.585	1.277

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:17:28	65.0003	776838.6600	22.5000	20.0000	15.0000	12.5000	17.5000
2	15:17:55	57.5002	776466.2300	37.5001	15.0000	12.5000	7.5000	27.5000
3	15:18:22	77.5004	784194.5900	27.5000	10.0000	10.0000	15.0000	27.5000
4	15:18:50	58.3335	783438.1600	45.0001	15.0000	12.5000	10.0000	12.5000
5	15:19:17	56.6669	785131.9900	30.0001	12.5000	40.0001	10.0000	22.5000
x		63.0002	781213.9300	32.5001	14.5000	18.0000	11.0000	21.5000
%RSD		13.892	0.539	27.196	25.573	69.027	25.913	30.322

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	15:17:28	902574.9900	75.0003	830907.2900	25.0000	1270132.6000	960546.0400	0.0000
2	15:17:55	910657.4300	117.5008	833610.8400	42.5001	1281197.5000	967984.9900	0.0000
3	15:18:22	910893.7900	90.0005	839114.2200	37.5001	1288958.9000	971223.8300	0.0000
4	15:18:50	910407.1800	97.5006	844932.9300	30.0001	1287804.2000	975316.7700	0.0000
5	15:19:17	910562.8900	62.5002	842228.6400	37.5001	1291695.6000	972941.7100	0.0000
x		909019.2600	88.5005	838158.7900	34.5001	1283957.8000	969602.6600	0.0000
%RSD		0.397	23.853	0.697	20.108	0.673	0.590	0.000

MF4T31 09/14/2011 15:20:05

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:20:33	345385.4900	34.1667	TM 548925620.0000	T 71627033.0000	T 9632328.9000	T 11126247.0000	15051.0800
2	15:21:00	342854.9700	34.1667	TM 555518150.0000	T 72375400.0000	T 9835500.4000	T 11060430.0000	15579.5500
3	15:21:28	336727.5700	61.6669	TM 543097870.0000	T 72302895.0000	T 9520326.3000	T 11006658.0000	16533.8860
4	15:21:55	338360.0700	51.6668	TM 535391220.0000	T 70924732.0000	T 9443785.9000	T 10838256.0000	15860.0780
5	15:22:23	339705.6900	32.5001	TM 535889510.0000	T 69180418.0000	T 9218948.8000	T 10612521.0000	15223.8930
x		340606.7600	42.8335	TM 543764470.0000	T 71282096.0000	T 9530178.1000	T 10928823.0000	15649.6970
%RSD		1.025	30.657	TM 1.586	T 1.843	T 2.393	T 1.890	3.740

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	15:20:33	T 11420321.0000	TM 9247970.2000	534907.4600	902.5489	4181.0486	177413.6400	83569.4400
2	15:21:00	T 11499732.0000	TM 9185596.3000	532744.0100	842.5426	4073.4954	171660.0100	84723.5060
3	15:21:28	T 11292338.0000	TM 9011979.7000	520497.8100	860.0444	3838.3838	167608.7800	89824.0060
4	15:21:55	T 11164192.0000	TM 9046016.1000	525162.2400	815.0399	4251.0840	169963.2500	81754.0660
5	15:22:23	T 11136097.0000	TM 8977767.7000	524289.7900	750.0338	3975.9483	165423.2500	81726.2960
x		T 11302536.0000	TM 9093866.0000	527520.2600	834.0419	4063.9920	170413.7900	84319.4630
%RSD		T 1.397	TM 1.285	1.150	6.798	4.033	2.682	3.948

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:20:33	64.1669	692473.4600	310.0058	510.0156	497.5149	345.0071	722.5313
2	15:21:00	64.1669	690987.3800	320.0061	555.0185	512.5158	342.5070	785.0370
3	15:21:28	60.8336	692554.8200	267.5043	512.5158	525.0165	360.0078	790.0375
4	15:21:55	59.1669	682761.5900	312.5059	507.5155	497.5149	322.5062	725.0315
5	15:22:23	79.1670	683444.2900	262.5041	482.5140	505.0153	327.5064	812.5396
x		65.5003	688444.3100	294.5052	513.5159	507.5155	339.5069	767.0354
%RSD		12.123	0.715	9.249	5.090	2.284	4.400	5.323

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	15:20:33	754390.1200	5.0000	717754.0600	145.0013	1183331.7000	801197.2000	0.0000
2	15:21:00	741136.3400	12.5000	721315.2200	142.5012	1189737.4000	812654.7300	0.0000
3	15:21:28	745984.0800	10.0000	719203.9200	145.0013	1187967.0000	811180.9900	0.0000
4	15:21:55	746999.2500	7.5000	719190.3100	157.5015	1189043.0000	809211.3600	0.0000
5	15:22:23	742085.4900	5.0000	715736.0800	145.0013	1184642.3000	810275.1500	0.0000
x		746119.0600	8.0000	718639.9200	147.0013	1186944.3000	808903.8900	0.0000
%RSD		0.704	40.745	0.287	4.060	0.237	0.555	0.000

MF4T32 09/14/2011 15:23:11

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:23:38	341693.7100	29.1667	TM 541960510.0000	T 71071300.0000	T 9564662.8000	T 10913641.0000	23041.8120
2	15:24:06	334010.6100	29.1667	TM 526520950.0000	T 70355948.0000	T 9542407.9000	T 10885393.0000	22623.1670
3	15:24:34	338722.7000	22.5000	TM 536716670.0000	T 70988254.0000	T 9458969.2000	T 10877328.0000	23663.5500
4	15:25:01	342521.6800	29.1667	TM 531490360.0000	T 70994491.0000	T 9542962.5000	T 11011547.0000	23545.7170
5	15:25:28	345134.5700	26.6667	TM 544880640.0000	T 70974966.0000	T 9598565.2000	T 10881413.0000	23079.4150
x		340416.6500	27.3334	TM 536313830.0000	T 70876992.0000	T 9541513.5000	T 10913864.0000	23190.7320
%RSD		1.248	10.649	TM 1.397	T 0.414	T 0.540	T 0.517	1.812

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	15:23:38	T 11157373.0000	TM 9083994.7000	518235.6500	740.0329	3745.8417	165489.5500	81329.9460
2	15:24:06	T 11261606.0000	TM 8914788.8000	521090.6900	817.5401	3828.3792	169521.9000	84506.3170
3	15:24:34	T 11164992.0000	TM 8847165.0000	517071.5700	750.0338	3743.3406	164066.8300	86981.5910
4	15:25:01	T 11213545.0000	TM 9038990.2000	520209.3600	747.5335	3870.8988	166966.0700	76555.0330
5	15:25:28	T 11460454.0000	TM 9047128.5000	525187.5100	865.0449	3878.4023	163172.0200	79080.9560
x		T 11251594.0000	TM 8986413.4000	520358.9500	784.0370	3813.3725	165843.2700	81690.7690
%RSD		T 1.102	TM 1.120	0.602	7.018	1.721	1.514	5.093

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:23:38	59.1669	680489.0200	325.0063	357.5077	400.0096	277.5046	622.5233
2	15:24:06	62.5002	683392.8200	222.5030	410.0101	365.0080	312.5059	570.0195
3	15:24:34	64.1669	687872.3200	190.0022	402.5097	452.5123	212.5027	532.5170
4	15:25:01	61.6669	692478.8800	260.0041	390.0091	312.5059	265.0042	625.0234
5	15:25:28	54.1668	697570.9100	207.5026	385.0089	345.0071	247.5037	520.0162
x		60.3336	688360.7900	241.0036	389.0091	375.0086	263.0042	574.0199
%RSD		6.449	0.998	22.232	5.193	14.322	14.042	8.538

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	15:23:38	734983.0400	0.0000	712084.7800	770.0356	1173701.8000	811146.6300	0.0000
2	15:24:06	737119.9800	15.0000	715494.0600	697.5292	1186317.4000	811946.7000	0.0000
3	15:24:34	743236.6100	20.0000	720256.7800	702.5296	1196805.3000	817470.8500	0.0000
4	15:25:01	744434.2500	12.5000	722705.8000	805.0389	1205252.8000	829022.7500	0.0000
5	15:25:28	750343.0700	7.5000	735274.6600	757.5344	1222148.7000	841947.2200	0.0000
x		742023.3900	11.0000	721163.2200	746.5335	1196845.2000	822306.8300	0.0000
%RSD		0.826	69.309	1.234	6.151	1.539	1.593	0.000

MF4T65 09/14/2011 15:26:16

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:26:43	351018.6900	36.6667	TM 349824150.0000	T 74796119.0000	T 10051117.0000	T 11489728.0000	12892.4650
2	15:27:11	351595.6000	37.5001	TM 348757580.0000	T 75403205.0000	T 10134833.0000	T 11548213.0000	12892.4650
3	15:27:38	350660.7500	30.0001	TM 354309730.0000	T 75697427.0000	T 10142320.0000	T 11737181.0000	12727.2110
4	15:28:05	347843.8000	43.3334	TM 350015970.0000	T 74980075.0000	T 9965112.9000	T 11280683.0000	12201.4260
5	15:28:32	347033.5500	34.1667	TM 344705940.0000	T 73406498.0000	T 10024529.0000	T 11514275.0000	12421.7510
x		349630.4800	36.3334	TM 349522670.0000	T 74856665.0000	T 10063582.0000	T 11514016.0000	12627.0640
%RSD		0.586	13.433	TM 0.981	T 1.181	T 0.748	T 1.414	2.422

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	15:26:43	T 4729715.7000	TM 7755972.4000	532901.0900	972.5568	15449.3080	162414.9400	70620.4720
2	15:27:11	T 4679326.5000	TM 7741315.7000	535950.1100	865.0449	15419.2520	161474.4300	66794.1190
3	15:27:38	T 4710312.9000	TM 7722658.2000	535080.5600	860.0444	15574.5400	156378.6200	68152.5510
4	15:28:05	T 4687382.2000	TM 7801562.4000	535906.1600	812.5396	15672.2230	160353.0800	67522.4530
5	15:28:32	T 4675671.4000	TM 7706791.5000	536498.7800	822.5406	15604.5970	159812.8500	66751.2780
x		T 4696481.7000	TM 7745660.0000	535267.3400	866.5453	15543.9840	160086.7900	67968.1750
%RSD		T 0.489	TM 0.470	0.265	7.330	0.687	1.440	2.341

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:26:43	57.5002	702261.3700	2918.0108	5236.6448	5466.7926	3388.1886	8727.0673
2	15:27:11	63.3336	709826.2600	2928.0143	5346.7147	5864.5629	3475.7247	8719.5595
3	15:27:38	70.8336	709807.2400	2900.5047	5306.6891	5777.0017	3315.6595	8672.0099
4	15:28:05	48.3335	712302.2400	3140.5917	5476.7991	5879.5734	3400.6937	8456.7889
5	15:28:32	43.3334	709513.7600	2960.5258	5386.7405	5454.2844	3208.1174	8762.1040
x		56.6669	708742.1700	2969.5295	5350.7176	5688.4430	3357.6768	8667.5059
%RSD		19.593	0.535	3.303	1.676	3.722	3.010	1.409

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	15:26:43	770985.7500	2.5000	744259.6400	55.0002	1246284.6000	856579.1900	0.0000
2	15:27:11	773052.1600	22.5000	748145.5600	75.0003	1243893.8000	864749.3700	0.0000
3	15:27:38	778254.5700	15.0000	750856.3500	65.0003	1259104.4000	877489.8500	0.0000
4	15:28:05	779999.4400	17.5000	750523.2600	60.0002	1266484.9000	882060.4500	0.0000
5	15:28:32	782706.4600	12.5000	754925.5000	52.5002	1272964.9000	884369.5100	0.0000
x		776999.6800	14.0000	749742.0600	61.5002	1257746.5000	873049.6700	0.0000
%RSD		0.627	52.973	0.522	14.544	1.000	1.366	0.000

MF4T66 09/14/2011 15:29:18

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:29:46	352645.2500	19.1667	TM 338060570.0000	T 72054231.0000	T 9764125.2000	T 11142030.0000	19279.7770
2	15:30:13	358513.6900	27.5000	TM 339335420.0000	T 72797378.0000	T 9959843.8000	T 11330055.0000	19743.3600
3	15:30:41	354620.6500	16.6667	TM 345268660.0000	T 73246337.0000	T 10005324.0000	T 11303484.0000	19452.6780
4	15:31:08	359002.4100	23.3334	TM 342178260.0000	T 74101037.0000	T 9882332.9000	T 11349224.0000	19888.7050
5	15:31:38	355436.8400	26.6667	TM 343984040.0000	T 72690773.0000	T 9701728.2000	T 11050968.0000	19011.6620
x		356043.7700	22.6667	TM 341765390.0000	T 72977951.0000	T 9862670.9000	T 11235152.0000	19475.2360
%RSD		0.754	20.700	TM 0.890	T 1.039	T 1.300	T 1.171	1.809

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	15:29:46	T 4490589.5000	TM 7429309.4000	529336.8400	820.0404	3973.4471	155892.1300	63208.8160
2	15:30:13	T 4548016.2000	TM 7561824.8000	536036.6700	825.0408	3613.2832	155925.2400	65526.6150
3	15:30:41	T 4525649.3000	TM 7523065.5000	537582.9100	862.5446	3818.3746	156447.3900	65934.8160
4	15:31:08	T 4588913.1000	TM 7561512.5000	539956.7500	875.0459	3845.8872	158161.8000	67948.3940
5	15:31:38	T 4512829.2000	TM 7468322.4000	532035.8400	835.0418	3840.8849	160852.5700	67146.9370
x		T 4533199.5000	TM 7508806.9000	534989.8000	843.5427	3818.3754	157455.8300	65953.1160
%RSD		T 0.826	TM 0.781	0.799	2.855	3.399	1.341	2.746

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:29:46	60.8336	709953.9800	3198.1136	5551.8488	6049.6951	3583.2702	9295.1811
2	15:30:13	53.3335	711788.5000	3235.6280	5621.8957	5817.0296	3360.6775	8939.7926
3	15:30:41	42.5001	710331.7300	3498.2341	5314.1939	5802.0191	3560.7606	8904.7551
4	15:31:08	60.8336	705368.0200	3093.0739	5599.3806	5854.5558	3523.2446	8989.8464
5	15:31:38	47.5001	711160.6500	3145.5936	5284.1748	6069.7097	3395.6917	8519.3525
x		53.0002	709720.5800	3234.1286	5474.2987	5918.6019	3484.7289	8929.7856
%RSD		15.309	0.357	4.859	2.963	2.203	2.880	3.099

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	15:29:46	766154.1700	27.5000	757537.3100	167.5017	1259656.8000	880738.4800	0.0000
2	15:30:13	776433.3700	7.5000	752756.8700	152.5014	1274216.2000	883385.3800	0.0000
3	15:30:41	776022.6300	20.0000	753808.3400	142.5012	1260356.7000	884003.5700	0.0000
4	15:31:08	775518.8100	10.0000	755122.1800	137.5011	1255657.8000	878908.2900	2.5000
5	15:31:38	776567.5500	2.5000	751569.0000	132.5011	1259564.2000	873969.6600	0.0000
x		774139.3100	13.5000	754158.7400	146.5013	1261890.3000	880201.0800	0.5000
%RSD		0.579	74.765	0.305	9.471	0.565	0.459	223.607

MF4T66S 09/14/2011 15:32:38

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:33:06	351929.2500	32764.2840	TM 348250650.0000	T 74396987.0000	T 10032571.0000	T 11405719.0000	T 5343477.2000
2	15:33:33	345763.1800	32040.6450	TM 348852940.0000	T 74599960.0000	T 9984178.6000	T 11503904.0000	T 5406646.8000
3	15:34:01	345000.0000	33308.9360	TM 343055720.0000	T 74433189.0000	T 10214077.0000	T 11516020.0000	T 5342711.9000
4	15:34:28	338203.0500	32400.3650	TM 348761060.0000	T 74990346.0000	T 10118402.0000	T 11703801.0000	T 5445983.1000
5	15:34:55	346227.7100	32067.4140	TM 343678780.0000	T 72934218.0000	T 9744435.5000	T 11079948.0000	T 5206280.6000
x		345424.6400	32516.3290	TM 346519830.0000	T 74270940.0000	T 10018733.0000	T 11441879.0000	T 5349019.9000
%RSD		1.414	1.635	TM 0.836	T 1.055	T 1.762	T 2.004	T 1.702

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	15:33:06	T 4651013.2000	TM 7690222.2000	529350.1400	940.0530	13966.6940	161805.7600	72103.0880
2	15:33:33	T 4684454.5000	TM 7541605.9000	525807.3200	910.0497	13956.6780	164235.1000	73984.4710
3	15:34:01	T 4677562.6000	TM 7712763.5000	534998.0000	942.5533	14697.9500	160516.1800	67794.6500
4	15:34:28	T 4750446.0000	TM 7797776.2000	531973.2800	977.5573	14324.8010	159670.1600	72319.9550
5	15:34:55	T 4593422.9000	TM 7564966.9000	530916.4800	947.5539	13445.8390	159784.8200	70655.7700
x		T 4671379.8000	TM 7661466.9000	530609.0500	943.5534	14078.3920	161202.4000	71371.5870
%RSD		T 1.218	TM 1.395	0.638	2.546	3.316	1.177	3.254

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:33:06	74.1670	697950.8300	3223.1232	5481.8024	6057.2006	3520.7436	8892.2418
2	15:33:33	46.6668	695305.3100	3093.0739	5561.8554	5917.1000	3225.6242	8829.6753
3	15:34:01	56.6669	692774.5000	3215.6203	5556.8521	5959.6303	3223.1232	8877.2258
4	15:34:28	49.1668	695112.6900	3065.5638	5491.8090	6027.1788	3500.7352	9220.0978
5	15:34:55	53.3335	694220.2000	3058.0610	5576.8655	5837.0435	3408.1968	8682.0203
x		56.0002	695072.7100	3131.0884	5533.8369	5959.6306	3375.6846	8900.2522
%RSD		19.385	0.272	2.609	0.790	1.475	4.281	2.215

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	15:33:06	757004.5000	1575.1489	731685.9800	82.5004	1218825.7000	847994.2000	0.0000
2	15:33:33	758234.1000	1762.6864	730615.3900	85.0004	1211852.5000	848909.4800	0.0000
3	15:34:01	766069.3800	1637.6609	732440.6500	107.5007	1215290.9000	846093.5500	0.0000
4	15:34:28	760138.9600	1675.1684	733187.2100	67.5003	1210989.5000	843726.9300	0.0000
5	15:34:55	758045.5500	1522.6391	731835.8200	85.0004	1208743.3000	847504.1600	0.0000
x		759898.5000	1634.6607	731953.0100	85.5004	1213140.4000	846845.6600	0.0000
%RSD		0.478	5.651	0.130	16.721	0.326	0.238	0.000

MF4T66D 09/14/2011 15:35:47

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:36:14	353938.3800	22.5000	TM 344908920.0000	T 73335959.0000	T 9972496.5000	T 11394267.0000	21364.8520
2	15:36:42	354159.1300	21.6667	TM 344769060.0000	T 73664755.0000	T 9949097.7000	T 11417032.0000	21339.7880
3	15:37:09	352447.9900	18.3334	TM 344387630.0000	T 73700279.0000	T 9879837.0000	T 11326808.0000	21908.7620
4	15:37:36	352465.3700	20.0000	TM 344666510.0000	T 74366480.0000	T 9992983.5000	T 11530650.0000	21344.8010
5	15:38:04	352066.5300	22.5000	TM 357741710.0000	T 73541575.0000	T 9906737.0000	T 11277261.0000	21232.0130
x		353015.4800	21.0000	TM 347294770.0000	T 73721810.0000	T 9940230.3000	T 11389204.0000	21438.0430
%RSD		0.272	8.603	TM 1.682	T 0.526	T 0.468	T 0.847	1.251

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	15:36:14	T 4551798.6000	TM 7608995.6000	536936.9400	807.5391	3900.9128	164546.1400	68835.6310
2	15:36:42	T 4576729.5000	TM 7512546.2000	531993.2500	890.0475	3813.3723	161059.0000	69160.8070
3	15:37:09	T 4573820.0000	TM 7605892.5000	538547.2800	997.5597	3828.3792	165604.3000	71520.6000
4	15:37:36	T 4617881.0000	TM 7579682.1000	544181.1900	915.0502	3838.3838	163118.4900	74108.0620
5	15:38:04	T 4618990.3000	TM 7649199.0000	541824.8400	997.5597	3905.9152	165010.1900	74155.9850
x		T 4587843.9000	TM 7591263.1000	538696.7000	921.5513	3857.3927	163867.6200	71556.2170
%RSD		T 0.644	TM 0.666	0.870	8.679	1.114	1.110	3.591

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:36:14	64.1669	701634.2000	2842.9849	5369.2292	5726.9672	3200.6145	8842.1886
2	15:36:42	65.8336	696607.6200	3103.0776	5519.3272	5724.4655	3168.1021	8712.0516
3	15:37:09	65.8336	704088.8300	3233.1271	5451.7827	5726.9672	3358.1765	8827.1727
4	15:37:36	63.3336	705596.1700	3205.6164	5411.7567	5902.0893	3348.1725	8594.4296
5	15:38:04	67.5003	704887.2800	2903.0056	5559.3538	5909.5947	3210.6184	8476.8092
x		65.3336	702562.8200	3057.5623	5462.2899	5798.0168	3257.1368	8690.5303
%RSD		2.486	0.519	5.776	1.418	1.698	2.737	1.792

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	15:36:14	757501.7800	15.0000	738905.7100	85.0004	1213498.2000	849021.3000	0.0000
2	15:36:42	759105.8600	10.0000	738491.2800	85.0004	1218998.4000	852778.7100	0.0000
3	15:37:09	762484.4000	12.5000	733669.5100	107.5007	1216091.0000	843917.3400	2.5000
4	15:37:36	764092.1300	7.5000	738117.7600	75.0003	1223954.7000	847602.1600	0.0000
5	15:38:04	768014.2600	12.5000	742085.4900	65.0003	1232254.8000	855795.7500	0.0000
x		762239.6900	11.5000	738253.9500	83.5004	1220959.4000	849823.0500	0.5000
%RSD		0.545	24.786	0.407	18.888	0.607	0.542	223.607

MF4T66L 09/14/2011 15:38:50

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:39:17	379101.2900	7.5000	┬79835451.0000	┬17081904.0000	┬2276935.9000	┬2631237.6000	15339.1040
2	15:39:45	386293.0200	11.6667	┬76764438.0000	┬16654028.0000	┬2293887.0000	┬2627431.7000	15168.7930
3	15:40:12	386302.6200	6.6667	┬79275565.0000	┬17102005.0000	┬2291737.8000	┬2604631.2000	14615.3050
4	15:40:40	387991.7700	9.1667	┬79683786.0000	┬17351754.0000	┬2298358.8000	┬2588639.5000	14995.9810
5	15:41:07	387620.9300	18.3334	┬77490181.0000	┬16895338.0000	┬2260851.3000	┬2569086.2000	14763.0650
x		385461.9300	10.6667	┬78609884.0000	┬17017006.0000	┬2284354.2000	┬2604205.3000	14976.4500
%RSD		0.944	43.987	┬1.772	┬1.527	┬0.674	┬1.006	1.961

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	15:39:17	1067562.5000	┬1740908.0000	572507.8100	282.5048	3498.2341	150835.3300	17793.9770
2	15:39:45	1072729.7000	┬1744791.8000	579148.9800	227.5031	3715.8283	151397.9000	17793.9770
3	15:40:12	1058919.4000	┬1726602.6000	577836.1300	262.5041	3618.2853	149720.5000	18177.3030
4	15:40:40	1076678.6000	┬1747582.6000	579229.2800	252.5038	3490.7310	149361.6500	17618.6050
5	15:41:07	1063662.9000	┬1733374.8000	583090.0800	255.0039	3713.3271	150980.4300	19049.2480
x		1067910.6000	┬1738652.0000	578362.4600	256.0040	3607.2812	150459.1600	18086.6220
%RSD		0.661	┬0.494	0.660	7.739	3.056	0.580	3.182

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:39:17	65.8336	760808.6300	650.0254	1190.0850	1225.0900	762.5349	1997.7394
2	15:39:45	75.0003	770662.8300	702.5296	1120.0753	1270.0968	727.5318	1850.2054
3	15:40:12	63.3336	768616.1400	665.0265	1220.0893	1187.5846	745.0333	1945.2270
4	15:40:40	56.6669	782566.7100	740.0329	1292.6002	1262.5956	790.0375	1937.7253
5	15:41:07	56.6669	769032.0000	715.0307	1010.0612	1317.6042	772.5358	1867.7093
x		63.5002	770337.2600	694.5290	1166.5822	1252.5942	759.5346	1919.7213
%RSD		11.970	1.016	5.293	9.188	3.914	3.186	3.147

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	15:39:17	868146.8600	7.5000	820962.8900	52.5002	1299161.1000	955082.0400	0.0000
2	15:39:45	875344.6100	5.0000	824277.3500	45.0001	1300244.7000	963096.7900	0.0000
3	15:40:12	872644.7600	0.0000	818062.3900	52.5002	1322858.9000	972745.6800	0.0000
4	15:40:40	880766.1900	2.5000	832905.2500	52.5002	1329006.6000	977179.7300	0.0000
5	15:41:07	877028.6300	2.5000	834338.5500	60.0002	1333038.4000	985893.2700	0.0000
x		874786.2100	3.5000	826109.2900	52.5002	1316861.9000	970799.5000	0.0000
%RSD		0.542	81.441	0.874	10.102	1.221	1.239	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:42:21	345705.0000	12.5000	TM 510210690.0000	T 75490353.0000	T 10090670.0000	T 11697237.0000	12764.7690
2	15:42:48	351791.0900	18.3334	TM 504936570.0000	T 75718747.0000	T 10180140.0000	T 11535364.0000	12516.8930
3	15:43:15	353370.0000	12.5000	TM 497147900.0000	T 74771815.0000	T 10211512.0000	T 11819235.0000	12742.2340
4	15:43:43	348271.1000	15.8333	TM 504675370.0000	T 74915502.0000	T 10121313.0000	T 11721329.0000	12702.1730
5	15:44:10	353906.2200	15.0000	TM 497842220.0000	T 74306789.0000	T 10166690.0000	T 11823181.0000	12489.3520
x		350608.6800	14.8333	TM 502962550.0000	T 75040641.0000	T 10154065.0000	T 11719269.0000	12643.0840
%RSD		1.002	16.571	TM 1.086	T 0.756	T 0.473	T 1.002	1.029

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	15:42:21	T 8037167.1000	TM 7835110.8000	532746.6700	857.5441	3595.7756	157461.2200	66693.3160
2	15:42:48	T 7966429.4000	TM 7734153.3000	527597.8400	855.0439	3650.7995	156760.7000	68117.2650
3	15:43:15	T 8167531.8000	TM 7923363.3000	534173.8200	845.0428	3603.2788	156663.9000	69906.9950
4	15:43:43	T 8152584.1000	TM 7846000.9000	532372.6100	767.5354	3593.2745	157986.0100	67046.1300
5	15:44:10	T 8087083.6000	TM 7946255.9000	540369.7700	847.5431	3885.9058	153162.2000	67794.6500
x		T 8082159.2000	TM 7856976.8000	533452.1400	834.5419	3665.8069	156406.8100	67911.6710
%RSD		T 1.029	TM 1.066	0.861	4.531	3.417	1.210	1.844

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:42:21	53.3335	709763.7600	1407.6189	2570.3964	2622.9127	1450.1262	3930.9269
2	15:42:48	61.6669	719100.5400	1407.6189	2392.8435	2510.3781	1545.1432	3860.8942
3	15:43:15	59.1669	711698.8100	1505.1359	2435.3558	2557.8925	1480.1314	3998.4590
4	15:43:43	72.5003	717327.0300	1495.1341	2457.8624	2550.3902	1552.6446	3898.4116
5	15:44:10	51.6668	713892.5700	1330.1061	2377.8392	2582.9002	1562.6465	3865.8965
x		59.6669	714356.5400	1429.1228	2446.8595	2564.8947	1518.1384	3910.9177
%RSD		13.847	0.541	5.054	3.112	1.622	3.289	1.444

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	15:42:21	758788.8500	10.0000	740950.8900	127.5010	1249346.3000	854390.7100	0.0000
2	15:42:48	761377.2100	7.5000	753079.1300	122.5009	1270291.8000	871556.7500	0.0000
3	15:43:15	769267.3000	15.0000	756548.2200	122.5009	1281603.4000	878226.7500	0.0000
4	15:43:43	771149.9500	10.0000	756015.4800	85.0004	1286713.4000	880511.2500	0.0000
5	15:44:10	774475.6700	5.0000	752958.9600	90.0005	1289272.3000	887708.0500	0.0000
x		767011.8000	9.5000	751910.5400	109.5007	1275445.4000	874478.7000	0.0000
%RSD		0.868	39.033	0.844	18.506	1.279	1.444	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:45:24	345474.0500	16.6667	TM 515312850.0000	T 76752455.0000	T 10361888.0000	T 11916024.0000	33534.8400
2	15:45:52	352817.3100	15.8333	TM 513137040.0000	T 76894617.0000	T 10402239.0000	T 11921820.0000	33303.9160
3	15:46:19	349859.7800	19.1667	TM 509372390.0000	T 76298954.0000	T 10357798.0000	T 11919271.0000	33911.3590
4	15:46:46	348047.0300	16.6667	TM 507326360.0000	T 76492672.0000	T 10447927.0000	T 11974963.0000	T 41134.0670
5	15:47:13	354613.7000	15.8333	TM 520383820.0000	T 77599868.0000	T 10429797.0000	T 11862287.0000	33462.0480
x		350162.3700	16.8333	TM 513106490.0000	T 76807713.0000	T 10399930.0000	T 11918873.0000	T 35069.2460
%RSD		1.044	8.135	TM 0.999	T 0.650	T 0.385	T 0.335	T 9.688

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	15:45:24	T 8051023.7000	TM 7940927.9000	528032.8900	842.5426	4088.5027	160725.1500	69604.4780
2	15:45:52	T 8208919.7000	TM 7912219.5000	528642.2600	845.0428	4253.5853	164872.5000	70486.8480
3	15:46:19	T 8264964.4000	TM 7956267.7000	535051.2700	905.0491	3940.9316	164329.4300	68220.6050
4	15:46:46	T 8234159.8000	TM 8110973.0000	543584.0500	995.0594	4221.0688	163223.0000	67837.4960
5	15:47:13	T 8177951.5000	TM 7974125.1000	531351.7000	960.0553	3978.4495	164324.3300	66695.8360
x		T 8187403.8000	TM 7978902.6000	533332.4300	909.5499	4096.5076	163494.8800	68569.0530
%RSD		T 1.010	TM 0.968	1.193	7.484	3.417	1.016	2.177

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:45:24	54.1668	714517.9000	60.0002	62.5002	50.0001	55.0002	67.5003
2	15:45:52	69.1670	715110.6500	60.0002	67.5003	47.5001	45.0001	57.5002
3	15:46:19	60.0002	711889.0700	40.0001	82.5004	37.5001	52.5002	45.0001
4	15:46:46	65.8336	716407.7800	65.0003	77.5004	50.0001	40.0001	55.0002
5	15:47:13	55.0002	715907.4000	60.0002	37.5001	57.5002	70.0003	60.0002
x		60.8336	714766.5600	57.0002	65.5003	48.5001	52.5002	57.0002
%RSD		10.830	0.247	17.100	26.772	14.850	21.822	14.347

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	15:45:24	766165.1100	17.5000	746186.0100	150.0014	1276783.2000	876729.4700	0.0000
2	15:45:52	770348.1300	5.0000	755796.9200	155.0014	1284131.9000	879105.0100	0.0000
3	15:46:19	775088.9500	10.0000	755837.9000	112.5008	1284691.7000	880623.4800	0.0000
4	15:46:46	778890.0300	7.5000	754327.3000	150.0014	1283183.6000	882631.4200	0.0000
5	15:47:13	774519.4700	12.5000	755523.7400	162.5016	1282331.1000	881538.0100	2.5000
x		773002.3400	10.5000	753534.3700	146.0013	1282224.3000	880125.4800	0.5000
%RSD		0.631	45.799	0.551	13.297	0.247	0.261	223.607

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:48:27	357829.3700	17.5000	TM 415718880.0000	T 53708259.0000	T 7249179.5000	T 8280482.9000	10937.1730
2	15:48:54	349929.2800	15.0000	TM 408332550.0000	T 53366989.0000	T 7251779.3000	T 8286279.0000	11029.7950
3	15:49:21	351261.0900	25.0000	TM 424678830.0000	T 54861655.0000	T 7414427.5000	T 8364457.1000	11367.7480
4	15:49:48	350692.8900	16.6667	TM 414049380.0000	T 54000006.0000	T 7316949.5000	T 8274093.2000	10899.6230
5	15:50:15	354314.7100	12.5000	TM 409448260.0000	T 53180151.0000	T 7239854.6000	T 8310231.7000	11342.7140
x		352805.4700	17.3334	TM 414445580.0000	T 53823412.0000	T 7294438.1000	T 8303108.8000	11115.4110
%RSD		0.925	27.069	TM 1.568	T 1.227	T 1.011	T 0.445	2.017

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	15:48:27	T 8610924.5000	TM 9837966.0000	536810.4200	800.0384	11007.2650	174806.9200	88457.0000
2	15:48:54	T 8677207.0000	TM 9816654.2000	545232.9600	760.0347	10624.2680	173709.3200	90385.0230
3	15:49:21	T 8725232.2000	TM 9885390.5000	541735.5600	710.0303	10556.6820	177298.7400	89930.1420
4	15:49:48	T 8724177.5000	TM 9769190.7000	538359.4600	742.5331	10854.5650	175460.4400	90486.1110
5	15:50:15	T 8732196.9000	TM 9698093.0000	540293.8300	760.0347	11022.2850	172892.6000	92111.2710
x		T 8693947.6000	TM 9801458.9000	540486.4500	754.5342	10813.0130	174833.6000	90273.9090
%RSD		T 0.590	TM 0.727	0.601	4.323	1.987	0.970	1.450

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:48:27	57.5002	710367.0600	782.5367	1377.6139	1425.1218	880.0465	2147.7767
2	15:48:54	59.1669	711519.4200	805.0389	1350.1094	1397.6172	912.5500	2170.2826
3	15:49:21	57.5002	716206.5300	772.5358	1267.5964	1455.1270	802.5386	2090.2621
4	15:49:48	57.5002	717123.0500	720.0311	1367.6122	1407.6189	825.0408	2192.7885
5	15:50:15	55.0002	718240.9400	757.5344	1405.1185	1417.6206	795.0379	2007.7418
x		57.3335	714691.4000	767.5354	1353.6101	1420.6211	843.0428	2121.7703
%RSD		2.600	0.493	4.127	3.845	1.541	6.069	3.501

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	15:48:27	764773.0400	10.0000	745042.6900	122.5009	1251310.9000	860335.7000	0.0000
2	15:48:54	774275.8200	10.0000	747689.7500	120.0009	1261155.0000	868740.4500	0.0000
3	15:49:21	771691.8300	12.5000	752197.0500	140.0012	1255750.3000	859341.8200	0.0000
4	15:49:48	767130.6700	2.5000	741850.9200	150.0014	1247474.5000	862547.7900	0.0000
5	15:50:15	766682.0700	7.5000	745258.2500	117.5008	1248826.3000	858502.8500	0.0000
x		768910.6800	8.5000	746407.7300	130.0010	1252903.4000	861893.7200	0.0000
%RSD		0.511	44.605	0.515	10.963	0.446	0.477	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:51:30	361032.3400	17.5000	TM 412250440.0000	T 52440190.0000	T 7136656.9000	T 8166864.6000	12674.6310
2	15:51:57	365578.4000	15.0000	TM 418256630.0000	T 53639313.0000	T 7161234.4000	T 8261942.2000	13005.1400
3	15:52:24	357894.5800	18.3334	TM 412285620.0000	T 52896776.0000	T 6964475.8000	T 7969516.5000	12586.9990
4	15:52:53	360929.7000	7.5000	TM 404305120.0000	T 52520152.0000	T 7132809.1000	T 8157088.0000	12747.2420
5	15:53:20	353333.5000	20.0000	TM 399218690.0000	T 52095192.0000	T 7111386.1000	T 8082715.8000	12909.9920
x		359753.7100	15.6667	TM 409263300.0000	T 52718325.0000	T 7101312.4000	T 8127625.4000	12784.8010
%RSD		1.256	31.333	TM 1.830	T 1.116	T 1.106	T 1.340	1.337

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	15:51:30	T 8478632.2000	TM 9457945.6000	544709.0600	770.0356	4033.4759	172882.3900	92644.6350
2	15:51:57	T 8460247.7000	TM 9611675.1000	543881.2800	780.0365	4096.0064	174472.5200	89149.3190
3	15:52:24	T 8533113.0000	TM 9657831.0000	546548.8600	717.5309	4025.9723	174355.1000	91972.2480
4	15:52:53	T 8480177.9000	TM 9510776.0000	534699.7400	815.0399	3925.9246	173826.7300	88290.2450
5	15:53:20	T 8630618.3000	TM 9580273.4000	544874.3600	675.0273	3928.4257	175307.2600	84382.5730
x		T 8516557.8000	TM 9563700.2000	542942.6600	751.5340	4001.9610	174168.8000	89287.8040
%RSD		T 0.814	TM 0.834	0.867	7.348	1.836	0.513	3.695

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:51:30	70.8336	714577.7200	520.0162	1052.5665	1090.0713	627.5236	1607.6551
2	15:51:57	50.8335	716372.4200	635.0242	1127.5763	1082.5703	630.0238	1605.1546
3	15:52:24	60.8336	712810.5700	585.0205	980.0576	1037.5646	682.5280	1562.6465
4	15:52:53	67.5003	719125.0200	595.0212	1027.5633	1080.0700	602.5218	1675.1684
5	15:53:20	49.1668	715703.4500	577.5200	1022.5627	1110.0739	607.5221	1747.6832
x		59.8336	715717.8400	582.5204	1042.0653	1080.0700	630.0239	1639.6615
%RSD		16.194	0.326	7.105	5.225	2.455	5.035	4.427

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	15:51:30	771631.6200	20.0000	743763.1100	597.5214	1238707.2000	854486.0300	0.0000
2	15:51:57	767792.6700	12.5000	745173.6600	572.5197	1248029.1000	859506.3100	0.0000
3	15:52:24	771207.4200	5.0000	750711.6500	535.0172	1246463.7000	867857.6900	0.0000
4	15:52:53	770805.1300	10.0000	752142.4400	600.0216	1254406.1000	869432.3400	0.0000
5	15:53:20	772652.5200	5.0000	754641.4200	585.0205	1266513.8000	879012.1900	0.0000
x		770817.8700	10.5000	749286.4500	578.0201	1250824.0000	866058.9100	0.0000
%RSD		0.237	59.285	0.620	4.571	0.831	1.094	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:54:36	351697.2500	17.5000	TM 502032940.0000	T 72622031.0000	T 9779967.1000	T 11143985.0000	10691.8550
2	15:55:03	359576.3800	22.5000	TM 503146270.0000	T 71194751.0000	T 9584109.9000	T 11030506.0000	10776.9640
3	15:55:30	363704.8700	17.5000	TM 495685730.0000	T 72020538.0000	T 9655311.8000	T 11079913.0000	10321.3880
4	15:55:58	360239.9700	18.3334	TM 501429660.0000	T 71797804.0000	T 9665434.0000	T 11116017.0000	10346.4190
5	15:56:26	356735.6100	18.3334	TM 493997750.0000	T 69968308.0000	T 9580331.4000	T 10910079.0000	10256.3080
x		358390.8200	18.8334	TM 499258470.0000	T 71520686.0000	T 9653030.8000	T 11056100.0000	10478.5870
%RSD		1.253	11.106	TM 0.826	T 1.408	T 0.840	T 0.832	2.269

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	15:54:36	T 9737090.6000	TM 10993621.0000	530409.4200	725.0315	11675.6740	185698.7400	97117.6320
2	15:55:03	T 9775859.9000	TM 10977325.0000	533237.8900	685.0282	11755.7860	182828.8200	96197.0460
3	15:55:30	T 9810974.2000	TM 10954647.0000	532218.2000	672.5271	11885.9710	182772.6100	97476.7890
4	15:55:58	T 9759312.0000	TM 10911535.0000	530497.2500	730.0320	11898.4880	181635.6500	90319.3170
5	15:56:26	T 9905988.2000	TM 10866472.0000	541875.4800	692.5288	11570.5270	179714.6700	91130.5770
x		T 9797845.0000	TM 10940720.0000	533647.6500	701.0295	11757.2890	182530.1000	94448.2720
%RSD		T 0.676	TM 0.473	0.890	3.607	1.188	1.191	3.645

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:54:36	47.5001	711005.7300	572.5197	910.0497	945.0536	607.5221	1537.6418
2	15:55:03	65.0003	715575.6400	560.0188	952.5544	965.0559	585.0205	1330.1061
3	15:55:30	53.3335	724564.7900	565.0192	967.5562	1067.5684	640.0246	1500.1350
4	15:55:58	54.1668	725520.3000	595.0212	987.5585	1037.5646	627.5236	1522.6391
5	15:56:26	54.1668	726688.2800	495.0147	985.0582	985.0582	642.5248	1520.1386
x		54.8335	720670.9500	557.5187	960.5554	1000.0601	620.5231	1482.1321
%RSD		11.544	0.967	6.712	3.289	5.109	3.900	5.804

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	15:54:36	763840.5600	10.0000	743070.2000	72.5003	1256620.5000	854302.3000	0.0000
2	15:55:03	770320.7700	10.0000	756171.2000	72.5003	1269637.4000	870259.9000	0.0000
3	15:55:30	777679.4100	15.0000	758559.2900	100.0006	1281499.0000	869693.8800	0.0000
4	15:55:58	784213.7700	5.0000	763720.2500	77.5004	1290679.8000	881923.2500	2.5000
5	15:56:26	776277.2900	2.5000	766706.6800	82.5004	1299852.5000	886156.4700	0.0000
x		774466.3600	8.5000	757645.5300	81.0004	1279657.8000	872467.1600	0.5000
%RSD		0.997	57.334	1.207	14.076	1.333	1.426	223.607

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	15:57:41	364077.2800	16.6667	TM 501824230.0000	T 71224377.0000	T 9739617.1000	T 11348177.0000	13383.2380
2	15:58:08	357015.5600	9.1667	TM 508712480.0000	T 71905934.0000	T 9725785.7000	T 11008614.0000	13150.3680
3	15:58:36	363107.1300	10.8333	TM 510318580.0000	T 71866071.0000	T 9698435.0000	T 11103936.0000	13062.7300
4	15:59:03	361201.9600	13.3333	TM 502869820.0000	T 71910476.0000	T 9771092.9000	T 11161513.0000	13087.7690
5	15:59:30	360037.3200	7.5000	TM 504210180.0000	T 71543105.0000	T 9670044.4000	T 11115877.0000	13132.8400
x		361087.8500	11.5000	TM 505587060.0000	T 71689992.0000	T 9720995.0000	T 11147623.0000	13163.3890
%RSD		0.767	31.336	TM 0.737	T 0.421	T 0.398	T 1.123	0.971

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	15:57:41	T 10003275.0000	TM 11248483.0000	534823.5700	677.5275	4593.7658	179602.2800	87822.8450
2	15:58:08	T 9797754.0000	TM 11113080.0000	544738.3900	782.5367	4671.3089	179423.4900	101509.5100
3	15:58:36	T 9818138.9000	TM 11107088.0000	537930.5500	695.0290	4403.6632	182177.2800	96728.1410
4	15:59:03	T 9937465.6000	TM 11177386.0000	538505.9900	712.5305	4341.1304	176433.1500	95739.3200
5	15:59:30	T 10005385.0000	TM 11090890.0000	534650.4800	712.5305	4473.7005	178846.2800	98521.4660
x		T 9912403.7000	TM 11147385.0000	538129.8000	716.0308	4496.7138	179296.5000	96064.2560
%RSD		T 1.003	TM 0.587	0.760	5.574	3.010	1.143	5.312

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	15:57:41	55.0002	726151.9200	555.0185	1090.0713	1012.5615	612.5225	1612.6560
2	15:58:08	62.5002	727984.4100	542.5177	985.0582	1005.0606	545.0178	1675.1684
3	15:58:36	56.6669	716867.3900	575.0198	967.5562	1047.5658	592.5211	1590.1517
4	15:59:03	50.8335	716040.6500	510.0156	1007.5609	1032.5640	665.0265	1567.6474
5	15:59:30	53.3335	722455.4200	542.5177	980.0576	922.5511	637.5244	1565.1470
x		55.6669	721899.9600	545.0179	1006.0608	1004.0606	610.5225	1602.1541
%RSD		7.879	0.743	4.340	4.885	4.834	7.470	2.817

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	15:57:41	772121.5300	10.0000	763170.6600	132.5011	1292752.2000	875616.0200	0.0000
2	15:58:08	781511.7600	7.5000	761224.1300	147.5013	1281855.6000	877899.8400	0.0000
3	15:58:36	771478.3600	15.0000	763654.6200	120.0009	1286144.8000	880710.7700	0.0000
4	15:59:03	784279.5500	22.5000	757572.8300	130.0010	1287174.6000	873881.0500	0.0000
5	15:59:30	776208.8300	7.5000	754958.2800	140.0012	1281145.3000	877959.4100	0.0000
x		777120.0100	12.5000	760116.1000	134.0011	1285814.5000	877213.4200	0.0000
%RSD		0.728	50.990	0.493	7.760	0.364	0.296	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:00:45	361002.7700	9.1667	TM 533171150.0000	T 74972821.0000	T 10176985.0000	T 11556733.0000	8514.3474
2	16:01:13	356678.2300	13.3333	TM 543417770.0000	T 74566571.0000	T 10064671.0000	T 11627439.0000	8576.9115
3	16:01:40	361396.8100	14.1667	TM 548035470.0000	T 75949142.0000	T 10274463.0000	T 11662006.0000	8611.9476
4	16:02:07	359680.7400	13.3333	TM 540613930.0000	T 74730258.0000	T 10131470.0000	T 11443673.0000	8261.5932
5	16:02:34	362174.5000	11.6667	TM 540428310.0000	T 74107240.0000	T 10071222.0000	T 11440112.0000	8732.0725
x		360186.6100	12.3333	TM 541133330.0000	T 74865206.0000	T 10143762.0000	T 11545993.0000	8539.3745
%RSD		0.599	16.132	TM 1.000	T 0.913	T 0.852	T 0.886	2.042

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:00:45	T 10190048.0000	TM 11121667.0000	535388.1500	695.0290	4198.5574	184017.0500	97137.8650
2	16:01:13	T 10212215.0000	TM 11212398.0000	535690.4300	820.0404	4020.9699	185783.0900	101544.9400
3	16:01:40	T 10215543.0000	TM 11251118.0000	539100.1200	777.5363	3978.4495	184929.4200	96290.6170
4	16:02:07	T 10216816.0000	TM 11164037.0000	537644.1800	762.5349	4088.5027	185200.3300	106648.0900
5	16:02:34	T 10204487.0000	TM 11276821.0000	544793.0400	755.0342	4321.1200	190387.7900	97889.0790
x		T 10207822.0000	TM 11205208.0000	538523.1800	762.0349	4121.5199	186063.5400	99902.1180
%RSD		T 0.108	TM 0.564	0.709	5.921	3.376	1.344	4.275

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:00:45	68.3336	720479.8900	605.0220	965.0559	1022.5627	597.5214	1550.1442
2	16:01:13	74.1670	721932.9200	535.0172	1027.5633	992.5591	617.5229	1672.6679
3	16:01:40	66.6669	719976.5500	462.5128	1012.5615	1040.0649	580.0202	1490.1332
4	16:02:07	70.0003	718428.6300	607.5221	1027.5633	1062.5677	540.0175	1500.1350
5	16:02:34	50.0001	716774.9200	552.5183	1010.0612	1045.0655	635.0242	1587.6512
x		65.8336	719518.5800	552.5185	1008.5611	1032.5640	594.0212	1560.1463
%RSD		14.096	0.275	10.780	2.544	2.568	6.161	4.756

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:00:45	770304.3500	15.0000	751650.9200	222.5030	1259627.8000	858650.7400	0.0000
2	16:01:13	774204.6400	7.5000	746431.6100	190.0022	1268887.6000	864182.3200	0.0000
3	16:01:40	767114.2500	17.5000	745293.7200	215.0028	1262303.5000	862424.7200	0.0000
4	16:02:07	770101.8600	5.0000	751222.2300	220.0029	1256663.8000	862464.8200	0.0000
5	16:02:34	773679.0200	10.0000	747324.0200	175.0018	1262054.7000	862809.1200	0.0000
x		771080.8200	11.0000	748384.5000	204.5025	1261907.5000	862106.3500	0.0000
%RSD		0.377	47.128	0.385	10.243	0.358	0.239	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:03:49	392394.2200	23.3334	TM 582599870.0000	T 79761007.0000	T 10635499.0000	T 12229958.0000	10358.9340
2	16:04:17	397982.6000	11.6667	TM 582299800.0000	T 79507020.0000	T 10682852.0000	T 12312605.0000	10201.2400
3	16:04:44	393932.6500	14.1667	TM 594261500.0000	T 82017666.0000	T 11022326.0000	T 12647245.0000	10769.4540
4	16:05:12	393656.7300	24.1667	TM 595178080.0000	T 82483269.0000	T 10946791.0000	T 12502551.0000	10156.1850
5	16:05:39	397459.3300	17.5000	TM 588492840.0000	T 81702463.0000	T 10985304.0000	T 12633663.0000	10709.3770
x		395085.1100	18.1667	TM 588566420.0000	T 81094285.0000	T 10854554.0000	T 12465204.0000	10439.0380
%RSD		0.628	30.324	TM 1.044	T 1.683	T 1.669	T 1.509	2.732

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:03:49	T 10672938.0000	TM 11816289.0000	570503.3600	885.0470	3935.9293	197316.1900	110594.0200
2	16:04:17	T 11021735.0000	TM 12045683.0000	585252.8200	787.5372	4020.9699	199333.3500	111711.2800
3	16:04:44	T 11034736.0000	TM 11990081.0000	581573.1300	847.5431	3978.4495	204186.2500	111609.9300
4	16:05:12	T 11066414.0000	TM 12102066.0000	581192.9300	922.5511	3973.4471	204368.1200	114045.0700
5	16:05:39	T 11140989.0000	TM 12032588.0000	588202.5300	947.5539	4151.0336	204442.4100	116567.1100
x		T 10987362.0000	TM 11997341.0000	581344.9500	878.0465	4011.9659	201929.2600	112905.4800
%RSD		T 1.654	TM 0.907	1.154	7.199	2.078	1.668	2.131

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:03:49	69.1670	746248.7700	22.5000	12.5000	17.5000	10.0000	2.5000
2	16:04:17	73.3337	752475.5900	27.5000	17.5000	15.0000	5.0000	17.5000
3	16:04:44	66.6669	749627.7900	27.5000	12.5000	10.0000	2.5000	22.5000
4	16:05:12	70.8336	752136.9700	20.0000	15.0000	12.5000	2.5000	12.5000
5	16:05:39	71.6670	748410.3200	17.5000	5.0000	17.5000	10.0000	15.0000
x		70.3336	749779.8900	23.0000	12.5000	14.5000	6.0000	14.0000
%RSD		3.613	0.348	19.444	37.417	22.480	63.191	52.973

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:03:49	805241.8200	17.5000	775806.3100	435.0114	1263608.3000	861719.5700	0.0000
2	16:04:17	806324.3700	5.0000	784805.8100	450.0122	1262668.0000	871192.7300	0.0000
3	16:04:44	815047.3300	7.5000	785674.7400	425.0108	1264673.2000	869771.3800	0.0000
4	16:05:12	813394.4400	10.0000	784208.2900	505.0153	1264143.6000	858957.5700	0.0000
5	16:05:39	813471.4400	10.0000	787539.0000	460.0127	1259627.8000	868117.8100	0.0000
x		810695.8800	10.0000	783606.8300	455.0125	1262944.2000	865951.8100	0.0000
%RSD		0.561	46.771	0.579	6.819	0.158	0.615	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:06:52	368819.9900	12.5000	TM 545781120.0000	T 75853011.0000	T 10203227.0000	T 11594897.0000	12381.6920
2	16:07:19	374983.6200	19.1667	TM 552801600.0000	T 76315461.0000	T 10299075.0000	T 11642523.0000	11873.4530
3	16:07:47	363020.1300	15.8333	TM 551974070.0000	T 75025903.0000	T 10152859.0000	T 11488506.0000	11542.9890
4	16:08:14	360355.6400	12.5000	TM 546680050.0000	T 75953243.0000	T 10144920.0000	T 11514309.0000	11845.9140
5	16:08:41	355755.8600	17.5000	TM 543618150.0000	T 75036377.0000	T 10118332.0000	T 11583060.0000	11668.1630
x		364587.0500	15.5000	TM 548171000.0000	T 75636799.0000	T 10183683.0000	T 11564659.0000	11862.4420
%RSD		2.054	19.235	TM 0.733	T 0.766	T 0.702	T 0.541	2.698

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:06:52	T 10176428.0000	TM 11290092.0000	546626.1900	712.5305	3888.4070	186376.1100	112131.8700
2	16:07:19	T 10206414.0000	TM 11324577.0000	550388.3600	775.0360	3748.3428	182813.4900	100945.2200
3	16:07:47	T 10194285.0000	TM 11260193.0000	546015.5400	795.0379	3795.8643	184231.7100	107131.7300
4	16:08:14	T 10039390.0000	TM 11303792.0000	542745.7200	755.0342	3803.3677	181840.0400	98260.9170
5	16:08:41	T 10035916.0000	TM 11156133.0000	543863.9500	745.0333	3793.3632	180309.8200	103071.0000
x		T 10130487.0000	TM 11266958.0000	545927.9500	756.5344	3805.8690	183114.2300	104308.1500
%RSD		T 0.843	TM 0.588	0.540	4.125	1.339	1.265	5.220

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:06:52	78.3337	715224.8600	572.5197	1002.5603	1002.5603	615.0227	1500.1350
2	16:07:19	59.1669	721649.9100	525.0165	1020.0624	1007.5609	585.0205	1477.6310
3	16:07:47	65.0003	715708.8800	502.5152	980.0576	1020.0624	675.0273	1562.6465
4	16:08:14	68.3336	712147.3000	552.5183	970.0565	997.5597	647.5252	1617.6570
5	16:08:41	50.8335	715795.9000	585.0205	855.0439	1077.5697	647.5252	1392.6164
x		64.3336	716105.3700	547.5180	965.5561	1021.0626	634.0242	1510.1372
%RSD		15.954	0.481	6.186	6.709	3.200	5.468	5.666

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:06:52	771888.8900	10.0000	741166.3400	127.5010	1231473.5000	841093.3600	0.0000
2	16:07:19	772493.7700	7.5000	742093.6700	142.5012	1239183.3000	851532.9700	0.0000
3	16:07:47	766020.1500	7.5000	753051.8200	132.5011	1242591.8000	850384.0600	0.0000
4	16:08:14	771007.6400	10.0000	754185.2600	162.5016	1248196.6000	856906.6800	0.0000
5	16:08:41	771294.9900	10.0000	749592.3000	105.0007	1256698.5000	852488.6700	0.0000
x		770541.0900	9.0000	748017.8800	134.0011	1243628.7000	850481.1500	0.0000
%RSD		0.336	15.215	0.813	15.698	0.763	0.682	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:09:54	387510.1200	12.5000	TM 589637950.0000	T 80312232.0000	T 10808686.0000	T 12486350.0000	15965.2790
2	16:10:22	396045.1600	12.5000	TM 574320540.0000	T 80556829.0000	T 11045482.0000	T 12574933.0000	16588.9950
3	16:10:50	395128.1300	15.0000	TM 587865290.0000	T 81161034.0000	T 11082574.0000	T 12448535.0000	16027.8990
4	16:11:17	389849.7100	15.0000	TM 595700070.0000	T 81859946.0000	T 10981040.0000	T 12570219.0000	16689.1950
5	16:11:46	398448.2500	14.1667	TM 590959950.0000	T 80453478.0000	T 11040040.0000	T 12514528.0000	16088.0140
x		393396.2800	13.8333	TM 587696760.0000	T 80868704.0000	T 10991564.0000	T 12518913.0000	16271.8760
%RSD		1.156	9.136	TM 1.365	T 0.794	T 0.987	T 0.434	2.089

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:09:54	T 10864293.0000	TM 11864885.0000	567189.4700	815.0399	4466.1965	205364.6800	111199.5000
2	16:10:22	T 11148862.0000	TM 12180580.0000	583542.6700	832.5416	4703.8272	212097.7100	109046.3300
3	16:10:50	T 11159919.0000	TM 12342760.0000	589155.1700	892.5478	4718.8357	210908.0800	121068.1100
4	16:11:17	T 11343673.0000	TM 12472230.0000	588207.8900	900.0486	4481.2045	206825.1400	114949.8800
5	16:11:46	T 11317124.0000	TM 12254136.0000	588838.9500	840.0423	4453.6898	210885.0100	101567.7100
x		T 11166774.0000	TM 12222918.0000	583386.8300	856.0440	4564.7507	209216.1200	111566.3100
%RSD		T 1.709	TM 1.863	1.600	4.432	2.941	1.404	6.466

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:09:54	69.1670	749477.6500	47.5001	7.5000	15.0000	20.0000	25.0000
2	16:10:22	72.5003	756542.7600	30.0001	12.5000	32.5001	5.0000	7.5000
3	16:10:50	83.3337	763372.9900	42.5001	15.0000	12.5000	5.0000	20.0000
4	16:11:17	65.8336	766695.7400	40.0001	17.5000	10.0000	12.5000	5.0000
5	16:11:46	70.0003	768405.4700	42.5001	12.5000	27.5000	2.5000	15.0000
x		72.1670	760898.9200	40.5001	13.0000	19.5000	9.0000	14.5000
%RSD		9.260	1.030	15.978	28.524	50.799	80.027	57.701

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:09:54	807173.4700	7.5000	776463.5000	577.5200	1276131.3000	873420.0200	0.0000
2	16:10:22	821920.7600	12.5000	795617.4600	562.5190	1286925.1000	885614.3800	0.0000
3	16:10:50	823756.9800	22.5000	799976.6300	560.0188	1292345.8000	881287.2000	0.0000
4	16:11:17	826001.1500	22.5000	803088.1200	555.0185	1292197.8000	888612.2300	0.0000
5	16:11:46	832654.4500	17.5000	812731.7200	572.5197	1309075.3000	895156.4200	0.0000
x		822301.3600	16.5000	797575.4900	565.5192	1291335.1000	884818.0500	0.0000
%RSD		1.141	39.510	1.677	1.636	0.922	0.919	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:13:00	366594.9700	13.3333	TM 539037060.0000	T 74429325.0000	T 10119476.0000	T 11669723.0000	14402.4350
2	16:13:28	364631.5800	16.6667	TM 539694890.0000	T 74710767.0000	T 10131401.0000	T 11570665.0000	14319.7930
3	16:13:56	364947.4700	14.1667	TM 544271490.0000	T 75558281.0000	T 10129564.0000	T 11592313.0000	14495.0960
4	16:14:23	362989.6800	19.1667	TM 539313290.0000	T 74698056.0000	T 10121105.0000	T 11589310.0000	14319.7930
5	16:14:50	367539.4000	20.8334	TM 552163410.0000	T 76433116.0000	T 10395687.0000	T 11811379.0000	14565.2180
x		365340.6200	16.8334	TM 542896030.0000	T 75165909.0000	T 10179447.0000	T 11646678.0000	14420.4670
%RSD		0.486	18.981	TM 1.033	T 1.099	T 1.189	T 0.855	0.753

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:13:00	T 10325941.0000	TM 11299089.0000	546326.1900	632.5240	4468.6978	191137.1500	92128.9650
2	16:13:28	T 10228272.0000	TM 11338317.0000	550828.5600	755.0342	4341.1304	191293.1700	94070.4750
3	16:13:56	T 10179519.0000	TM 11202328.0000	537777.3700	707.5300	4161.0386	182159.4000	99103.3050
4	16:14:23	T 10239037.0000	TM 11308359.0000	547744.9300	732.5322	4316.1174	186928.2800	96444.8860
5	16:14:50	T 10268387.0000	TM 11185173.0000	541189.2200	785.0370	4368.6448	190198.5400	97939.6680
x		T 10248231.0000	TM 11266653.0000	544773.2600	722.5315	4331.1258	188343.3100	95937.4600
%RSD		T 0.527	TM 0.607	0.961	8.008	2.571	2.060	2.961

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:13:00	52.5002	740509.0900	542.5177	957.5550	1080.0700	562.5190	1535.1414
2	16:13:28	65.8336	732615.0200	555.0185	1027.5633	1022.5627	685.0282	1602.6541
3	16:13:56	55.0002	732925.6400	557.5187	1000.0600	1120.0753	592.5211	1682.6699
4	16:14:23	82.5004	735323.7100	547.5180	1000.0600	1057.5671	620.0231	1595.1527
5	16:14:50	56.6669	732813.9200	537.5173	1042.5652	967.5562	677.5275	1637.6609
x		62.5002	734837.4800	548.0180	1005.5607	1049.5663	627.5238	1610.6558
%RSD		19.619	0.457	1.527	3.230	5.519	8.475	3.390

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:13:00	787251.1100	2.5000	769666.7800	412.5102	1297819.1000	885210.9600	0.0000
2	16:13:28	785337.5700	12.5000	766088.5300	380.0087	1300541.1000	892435.2100	0.0000
3	16:13:56	782846.2200	0.0000	769869.2700	370.0082	1298748.6000	891303.1200	0.0000
4	16:14:23	788027.0600	7.5000	767543.7300	407.5100	1300541.1000	892350.5700	2.5000
5	16:14:50	788120.2900	7.5000	766717.6300	342.5070	1302572.2000	885011.3300	0.0000
x		786316.4500	6.0000	767977.1900	382.5088	1300044.4000	889262.2400	0.5000
%RSD		0.285	81.223	0.223	7.495	0.141	0.429	223.607

MF4T90 09/14/2011 16:15:37

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:16:04	390054.8100	10.8333	TM 588760880.0000	T 82137253.0000	T 11094776.0000	T 12598118.0000	9277.6616
2	16:16:31	392498.1200	12.5000	TM 593401690.0000	T 82518216.0000	T 11051687.0000	T 12667567.0000	9527.9438
3	16:16:59	398860.6200	16.6667	TM 586720910.0000	T 82294329.0000	T 11062815.0000	T 12702413.0000	9482.8924
4	16:17:27	390032.1200	17.5000	TM 592281670.0000	T 84074506.0000	T 11210176.0000	T 12704578.0000	9425.3272
5	16:17:54	397131.7500	15.8333	TM 591299610.0000	T 81941128.0000	T 11014804.0000	T 12563376.0000	9798.2570
x		393715.4800	14.6667	TM 590492950.0000	T 82593086.0000	T 11086851.0000	T 12647210.0000	9502.4164
%RSD		1.036	19.518	TM 0.460	T 1.035	T 0.673	T 0.503	2.004

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:16:04	T 11062104.0000	TM 12199647.0000	580831.4900	785.0370	4456.1911	208183.3400	116465.7100
2	16:16:31	T 11204780.0000	TM 12258547.0000	582649.5600	902.5489	4123.5200	209031.6800	114772.4600
3	16:16:59	T 11229292.0000	TM 12210693.0000	582373.7500	937.5527	4143.5299	205377.4900	113028.8700
4	16:17:27	T 11274808.0000	TM 12336300.0000	589805.0600	1012.5615	4183.5499	207299.2000	109988.5900
5	16:17:54	T 11158064.0000	TM 12178979.0000	586798.5500	895.0481	4338.6291	208757.4300	113259.4700
x		T 11185810.0000	TM 12236833.0000	584491.6800	906.5496	4249.0840	207729.8300	113503.0200
%RSD		T 0.724	TM 0.513	0.633	9.082	3.372	0.709	2.114

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:16:04	66.6669	754193.4600	17.5000	15.0000	17.5000	5.0000	2.5000
2	16:16:31	54.1668	756479.9200	30.0001	5.0000	27.5000	10.0000	5.0000
3	16:16:59	77.5004	760814.1000	40.0001	5.0000	22.5000	2.5000	10.0000
4	16:17:27	78.3337	762457.0600	12.5000	2.5000	27.5000	7.5000	15.0000
5	16:17:54	53.3335	755165.8800	30.0001	7.5000	12.5000	2.5000	12.5000
x		66.0003	757822.0800	26.0000	7.0000	21.5000	5.5000	9.0000
%RSD		18.328	0.478	42.242	68.698	30.322	59.265	57.601

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:16:04	818981.4200	20.0000	793320.7200	232.5032	1293350.2000	879228.3100	0.0000
2	16:16:31	820927.1100	10.0000	793732.2800	230.0032	1284630.7000	879373.7700	0.0000
3	16:16:59	825841.4200	12.5000	797096.8100	262.5041	1283952.1000	875254.6000	0.0000
4	16:17:27	825926.7900	15.0000	796243.2000	262.5041	1278800.3000	873255.2700	0.0000
5	16:17:54	814733.7800	22.5000	798109.7200	262.5041	1279710.4000	872801.1900	5.0000
x		821282.1100	16.0000	795700.5400	250.0038	1284088.7000	875982.6300	1.0000
%RSD		0.580	32.401	0.264	6.856	0.449	0.362	223.607

MF4T98 09/14/2011 16:18:41

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:19:09	369590.5300	18.3334	TM 511267320.0000	T 40659292.0000	T 5490104.0000	T 6294362.5000	27653.3060
2	16:19:37	360188.6500	14.1667	TM 498392320.0000	T 40333140.0000	T 5512844.3000	T 6230919.3000	27166.7100
3	16:20:04	363685.7300	17.5000	TM 504471110.0000	T 39665820.0000	T 5312549.9000	T 6171805.6000	26848.1800
4	16:20:32	355264.7300	13.3333	TM 506219110.0000	T 39668498.0000	T 5431520.2000	T 6222294.9000	27557.9910
5	16:20:59	357592.8700	7.5000	TM 499491310.0000	T 39903231.0000	T 5352137.3000	T 5989192.3000	26381.6940
x		361264.5000	14.1667	TM 503968230.0000	T 40045996.0000	T 5419831.2000	T 6181714.9000	27121.5760
%RSD		1.552	30.281	TM 1.039	T 1.093	T 1.593	T 1.878	1.931

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:19:09	T 7339082.4000	TM 6917222.6000	553483.6100	737.5326	4266.0917	167009.4300	60964.6890
2	16:19:37	T 7287947.5000	TM 6865485.0000	548594.4200	707.5300	4106.0113	164107.6200	61614.4410
3	16:20:04	T 7219955.7000	TM 6903346.5000	547674.2600	807.5391	4211.0637	161902.6200	61551.4790
4	16:20:32	T 7220246.6000	TM 6870149.4000	542044.7200	717.5309	4171.0436	162493.9600	63757.9750
5	16:20:59	T 7184023.1000	TM 6782697.0000	545644.9100	682.5280	3898.4116	163001.2200	60964.6890
x		T 7250251.1000	TM 6867780.1000	547488.3800	730.5321	4130.5244	163702.9700	61770.6550
%RSD		T 0.859	TM 0.762	0.765	6.486	3.445	1.233	1.867

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:19:09	71.6670	730163.2200	615.0227	1117.5749	1257.5949	665.0265	1735.1806
2	16:19:37	54.1668	728390.1700	585.0205	1232.5912	1275.0975	752.5340	1830.2010
3	16:20:04	63.3336	720011.9200	672.5271	1067.5684	1207.5875	637.5244	1800.1944
4	16:20:32	60.0002	715344.5000	660.0261	1120.0753	1217.5889	667.5267	1720.1775
5	16:20:59	66.6669	717370.5500	612.5225	1137.5776	1205.0871	722.5313	1720.1775
x		63.1669	722256.0700	629.0238	1135.0775	1232.5912	689.0286	1761.1862
%RSD		10.488	0.921	5.764	5.323	2.578	6.825	2.885

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:19:09	799345.1300	15.0000	769480.7200	1202.5868	1267810.6000	878217.0500	0.0000
2	16:19:37	790116.7100	5.0000	767338.5600	1105.0733	1267949.6000	880059.5600	2.5000
3	16:20:04	788569.9900	12.5000	760570.8300	1027.5633	1266568.8000	882200.4100	0.0000
4	16:20:32	774749.4500	10.0000	759614.2000	1112.5743	1256134.8000	879688.2600	0.0000
5	16:20:59	772778.4400	7.5000	752328.1300	1007.5609	1264352.0000	872513.2500	0.0000
x		785111.9400	10.0000	761866.4900	1091.0717	1264563.2000	878535.7100	0.5000
%RSD		1.423	39.528	0.894	7.114	0.390	0.416	223.607

MF4TA1 09/14/2011 16:21:46

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:22:14	358369.3500	17.5000	TM 521058860.0000	T 70570039.0000	T 9629521.0000	T 11073419.0000	61050.3120
2	16:22:41	356938.1800	10.8333	TM 512581740.0000	T 71128280.0000	T 9627163.8000	T 10930890.0000	T 68224.5250
3	16:23:08	355994.0500	16.6667	TM 525292100.0000	T 71516666.0000	T 9551316.8000	T 10888257.0000	61715.1830
4	16:23:36	363823.2100	7.5000	TM 526296390.0000	T 71456059.0000	T 9655415.8000	T 10804632.0000	61312.2250
5	16:24:04	357259.0000	11.6667	TM 520457250.0000	T 70568920.0000	T 9454532.1000	T 10799150.0000	60891.6580
x		358476.7600	12.8333	TM 521137270.0000	T 71047993.0000	T 9583589.9000	T 10899269.0000	T 62638.7810
%RSD		0.867	32.662	TM 1.040	T 0.649	T 0.855	T 1.030	T 5.010

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:22:14	T 9113053.1000	TM 9472777.9000	530760.7600	850.0434	5316.6955	198514.1400	90339.5340
2	16:22:41	T 9138656.8000	TM 9428358.9000	535290.9500	835.0418	5279.1716	198421.9800	83708.3240
3	16:23:08	T 9044170.2000	TM 9518894.8000	540630.9200	880.0465	5386.7405	197735.9600	85647.8830
4	16:23:36	T 9072465.3000	TM 9592139.3000	535217.7100	857.5441	5346.7147	201071.8800	83597.2170
5	16:24:04	T 9036278.1000	TM 9393600.5000	536859.6900	825.0408	5146.5888	196067.2200	84635.1150
x		T 9080924.7000	TM 9481154.3000	535752.0100	849.5433	5295.1822	198362.2400	85585.6150
%RSD		T 0.486	TM 0.821	0.663	2.501	1.737	0.910	3.252

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:22:14	59.1669	706454.5200	672.5271	1192.5853	1217.5889	705.0298	1907.7183
2	16:22:41	66.6669	706397.4700	702.5296	1167.5818	1247.5934	735.0324	1790.1923
3	16:23:08	57.5002	709951.2700	772.5358	1172.5825	1250.0938	705.0298	1987.7370
4	16:23:36	74.1670	706794.0800	737.5326	1297.6010	1307.6026	717.5309	1862.7082
5	16:24:04	42.5001	715823.1000	627.5236	1177.5832	1270.0968	705.0298	1975.2341
x		60.0002	709084.0900	702.5298	1201.5868	1258.5951	713.5306	1904.7180
%RSD		19.691	0.571	8.005	4.534	2.638	1.848	4.294

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:22:14	752912.5400	12.5000	738180.4700	112.5008	1228905.0000	844404.4200	0.0000
2	16:22:41	764196.0400	7.5000	738254.0800	90.0005	1233762.9000	847355.0800	0.0000
3	16:23:08	764349.1700	2.5000	737477.1000	132.5011	1244667.6000	851951.4200	0.0000
4	16:23:36	756982.6400	5.0000	736861.0100	102.5006	1238609.1000	846993.4400	0.0000
5	16:24:04	759428.3500	15.0000	739838.2500	80.0004	1253088.1000	856315.2700	0.0000
x		759573.7500	8.5000	738122.1800	103.5007	1239806.6000	849403.9300	0.0000
%RSD		0.643	60.990	0.151	19.668	0.762	0.556	0.000

MF4TA2 09/14/2011 16:24:51

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:25:17	361882.2100	7.5000	TM 529403710.0000	T 73160579.0000	T 9744400.8000	T 11087385.0000	34767.3750
2	16:25:45	357280.7300	17.5000	TM 527234220.0000	T 72064501.0000	T 9680305.2000	T 11140109.0000	35051.0600
3	16:26:13	360827.9400	14.1667	TM 531334780.0000	T 71581680.0000	T 9719268.7000	T 11075165.0000	34636.8330
4	16:26:40	361873.5100	8.3333	TM 526712670.0000	T 71609204.0000	T 9742875.6000	T 11067518.0000	35372.4130
5	16:27:07	357841.5400	12.5000	TM 521565810.0000	T 70232972.0000	T 9486978.5000	T 10915841.0000	34654.4060
x		359941.1800	12.0000	TM 527250240.0000	T 71729787.0000	T 9674765.8000	T 11057204.0000	34896.4180
%RSD		0.618	34.583	TM 0.696	T 1.468	T 1.118	T 0.759	0.898

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:25:17	T 9121599.8000	TM 9623267.7000	536056.6400	932.5522	4331.1252	178797.7600	91059.8100
2	16:25:45	T 9188773.3000	TM 9590499.9000	537862.6200	790.0375	4248.5828	181377.6200	85582.2140
3	16:26:13	T 9240271.8000	TM 9689720.5000	544729.0600	842.5426	4358.6396	178631.7600	93066.8000
4	16:26:40	T 9302080.9000	TM 9797743.0000	545571.5800	807.5391	4271.0943	184663.6200	84271.4570
5	16:27:07	T 9080375.5000	TM 9544929.5000	538827.0300	772.5358	4273.5955	177952.4500	83425.5090
x		T 9186620.3000	TM 9649232.1000	540609.3900	829.0414	4296.6075	180284.6400	87481.1580
%RSD		T 0.970	TM 1.019	0.790	7.646	1.075	1.538	4.929

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:25:17	59.1669	707725.9000	167.5017	315.0060	312.5059	147.5013	407.5100
2	16:25:45	49.1668	714262.3200	245.0036	240.0035	272.5045	162.5016	402.5097
3	16:26:13	60.8336	723190.2400	215.0028	337.5068	327.5064	220.0029	417.5105
4	16:26:40	53.3335	727772.0100	172.5018	332.5066	292.5051	212.5027	440.0116
5	16:27:07	75.8337	725558.4100	232.5032	297.5053	290.0051	152.5014	462.5128
x		59.6669	719701.7800	206.5026	304.5056	299.0054	179.0020	426.0109
%RSD		17.037	1.172	16.962	12.922	7.134	19.292	5.863

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:25:17	762705.8600	17.5000	743678.5400	2880.4978	1244381.7000	851581.3000	0.0000
2	16:25:45	767959.5400	12.5000	750962.8400	2635.4167	1258742.9000	865156.0000	2.5000
3	16:26:13	774670.0500	20.0000	753395.9300	2797.9696	1268994.7000	869781.0600	0.0000
4	16:26:40	778624.3300	17.5000	757255.8700	2725.4456	1278406.1000	877908.1500	0.0000
5	16:27:07	776252.6400	10.0000	757914.3900	2760.4571	1279194.4000	882890.5800	0.0000
x		772042.4900	15.5000	752641.5100	2759.9574	1265944.0000	869463.4200	0.5000
%RSD		0.849	26.503	0.766	3.275	1.156	1.397	223.607

MF4TB4 09/14/2011 16:27:54

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:28:22	355701.9700	14.1667	TM 493123550.0000	T 39190252.0000	T 5297332.0000	T 5981336.1000	10251.3010
2	16:28:49	356234.8600	15.0000	TM 482564740.0000	T 39164897.0000	T 5318131.0000	T 6043836.7000	10579.2110
3	16:29:16	356078.3800	14.1667	TM 493523420.0000	T 39237572.0000	T 5326242.6000	T 6024702.4000	10769.4540
4	16:29:44	355280.3800	7.5000	TM 483723690.0000	T 38309587.0000	T 5138566.3000	T 5914331.4000	10469.0720
5	16:30:12	353959.2300	13.3333	TM 483784020.0000	T 37975266.0000	T 5156765.4000	T 5930777.0000	10609.2490
x		355450.9600	12.8333	TM 487343890.0000	T 38775515.0000	T 5247407.4000	T 5978996.7000	10535.6580
%RSD		0.257	23.681	TM 1.125	T 1.523	T 1.751	T 0.946	1.821

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:28:22	T 7050694.4000	TM 6659803.2000	533177.9800	630.0238	3765.8507	154718.0500	57233.3670
2	16:28:49	T 7160637.9000	TM 6676411.5000	541940.7800	722.5313	3775.8552	149221.6700	58046.4620
3	16:29:16	T 7115776.7000	TM 6660447.3000	535248.3400	655.0257	3658.3028	150512.0700	59851.6640
4	16:29:44	T 7037765.2000	TM 6674011.0000	537003.5300	615.0227	3470.7226	148850.1100	58270.5170
5	16:30:12	T 7048039.4000	TM 6704183.2000	536147.2000	675.0273	3738.3383	149850.3000	57661.3020
x		T 7082582.7000	TM 6674971.2000	536703.5700	659.5262	3681.8139	150630.4400	58212.6620
%RSD		T 0.754	TM 0.270	0.606	6.380	3.441	1.574	1.714

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:28:22	64.1669	719617.4300	597.5214	1015.0618	1195.0857	705.0298	1685.1704
2	16:28:49	48.3335	723867.9600	610.0223	1100.0726	1232.5912	732.5322	1800.1944
3	16:29:16	72.5003	732892.9400	715.0307	1170.0821	1160.0807	745.0333	1777.6896
4	16:29:44	56.6669	726486.8000	647.5252	1057.5671	1215.0886	657.5259	1710.1755
5	16:30:12	76.6670	731171.1000	707.5300	1080.0700	1202.5868	705.0298	1762.6864
x		63.6669	726807.2500	655.5259	1084.5707	1201.0866	709.0302	1747.1833
%RSD		18.104	0.743	8.266	5.283	2.245	4.748	2.744

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:28:22	784940.1100	7.5000	770742.1900	232.5032	1286910.6000	897768.7900	0.0000
2	16:28:49	791438.7700	22.5000	771653.5200	240.0035	1300729.9000	908441.5200	0.0000
3	16:29:16	793246.6400	15.0000	772387.0200	225.0030	1304324.7000	911990.8600	0.0000
4	16:29:44	790050.8900	2.5000	777862.9100	225.0030	1314040.9000	910440.5400	0.0000
5	16:30:12	792662.2600	27.5000	773941.8300	232.5032	1316112.9000	919843.9700	0.0000
x		790467.7300	15.0000	773317.4900	231.0032	1304423.8000	909697.1400	0.0000
%RSD		0.421	68.718	0.362	2.716	0.899	0.874	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:31:27	400663.2500	4.1667	117609.1000	6872.8330	810.0394	1065.0681	6882.8412
2	16:31:54	403059.7700	5.0000	88618.7040	4271.0943	625.0234	665.0265	7002.9412
3	16:32:22	405022.4100	5.8333	70449.0310	3305.6555	365.0080	465.0130	6960.4056
4	16:32:50	405738.5100	4.1667	60151.3100	2210.2931	385.0089	345.0071	6825.2939
5	16:33:16	403432.1600	1.6667	52952.7070	1965.2317	200.0024	325.0063	6962.9077
x		403583.2200	4.1667	77956.1700	3725.0215	477.0164	573.0242	6926.8779
%RSD		0.488	37.417	33.232	53.310	50.330	53.486	1.033

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:31:27	79086.0030	1467.6292	581250.5000	55.0002	4481.2045	140179.1800	822.5406
2	16:31:54	79272.7650	1160.0807	589994.0100	47.5001	4126.0212	142236.0900	897.5483
3	16:32:22	80749.3410	942.5533	592956.0600	67.5003	4033.4759	143227.8700	832.5416
4	16:32:50	81221.3950	795.0379	588545.5200	22.5000	4238.5777	142818.4300	885.0470
5	16:33:16	80804.8750	692.5288	588885.8500	37.5001	4371.1461	143845.8700	825.0408
x		80226.8760	1011.5660	588326.3900	46.0001	4250.0851	142461.4900	852.5437
%RSD		1.216	30.609	0.734	37.180	4.250	0.986	4.204

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:31:27	60.8336	808341.4500	7.5000	0.0000	7.5000	0.0000	10.0000
2	16:31:54	76.6670	814755.7800	10.0000	0.0000	17.5000	0.0000	2.5000
3	16:32:22	58.3335	808638.2800	7.5000	12.5000	10.0000	5.0000	0.0000
4	16:32:50	65.0003	810364.4900	27.5000	10.0000	7.5000	2.5000	0.0000
5	16:33:16	57.5002	814037.9600	7.5000	2.5000	7.5000	5.0000	5.0000
x		63.6669	811227.5900	12.0000	5.0000	10.0000	2.5000	3.5000
%RSD		12.300	0.370	72.768	117.260	43.301	100.000	119.523

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:31:27	933884.3600	7.5000	884954.4900	45.0001	1402734.9000	1064844.2000	0.0000
2	16:31:54	933895.5100	0.0000	879402.8600	30.0001	1407408.3000	1064923.4000	0.0000
3	16:32:22	935983.9800	5.0000	886354.7400	22.5000	1400199.3000	1064756.4000	0.0000
4	16:32:50	930018.2300	2.5000	878992.8000	27.5000	1391954.0000	1056598.1000	0.0000
5	16:33:16	927123.2300	0.0000	870695.8500	32.5001	1376994.8000	1047070.5000	0.0000
x		932181.0600	3.0000	880080.1500	31.5001	1395858.3000	1059638.5000	0.0000
%RSD		0.381	108.653	0.702	26.679	0.856	0.744	0.000

CCV2 09/14/2011 16:34:04

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:34:31	342401.0400	┬1930106.5000	┬105126410.0000	┬64418976.0000	┬8633283.6000	┬9843764.4000	┬137688710.0000
2	16:34:59	349243.9100	┬1984045.6000	┬106430910.0000	┬65748092.0000	┬8829626.1000	┬9969743.2000	┬140471720.0000
3	16:35:26	347459.0700	┬1956597.3000	┬106635550.0000	┬65049316.0000	┬8687326.3000	┬9772534.8000	┬138170360.0000
4	16:35:53	352760.8200	┬1995802.8000	┬108833100.0000	┬66189153.0000	┬8959793.2000	┬10101134.0000	┬139616070.0000
5	16:36:20	356573.0300	┬1989194.9000	┬110143300.0000	┬67314720.0000	┬8986450.6000	┬10241708.0000	┬140413640.0000
x		349687.5800	┬1971149.4000	┬107433850.0000	┬65744051.0000	┬8819296.0000	┬9985776.8000	┬139272100.0000
%RSD		1.534	┬1.388	┬1.877	┬1.684	┬1.791	┬1.905	┬0.921

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:34:31	┬58344423.0000	┬2178403.8000	516544.0700	85.0004	┬6718484.5000	┬108570690.0000	┬2683192.3000
2	16:34:59	┬59124374.0000	┬2225769.8000	522948.0500	70.0003	┬6762053.4000	┬109891610.0000	┬2698589.5000
3	16:35:26	┬59525106.0000	┬2291481.0000	531294.4600	90.0005	┬6795370.8000	┬110184120.0000	┬2734828.1000
4	16:35:53	┬60100227.0000	┬2267261.3000	529954.2900	107.5007	┬6901063.8000	┬112633270.0000	┬2777799.1000
5	16:36:20	┬59945877.0000	┬2282308.3000	533948.8200	80.0004	┬6901309.8000	┬110845100.0000	┬2750474.7000
x		┬59408001.0000	┬2249044.8000	526937.9400	86.5005	┬6815656.5000	┬110424960.0000	┬2728976.7000
%RSD		┬1.188	┬2.082	1.346	16.040	┬1.213	┬1.346	┬1.407

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:34:31	72.5003	677247.7700	152.5014	202.5025	252.5038	102.5006	327.5064
2	16:34:59	75.8337	677724.2700	142.5012	192.5022	277.5046	110.0007	325.0063
3	16:35:26	50.8335	683303.4100	125.0009	207.5026	212.5027	92.5005	377.5086
4	16:35:53	82.5004	685565.8900	185.0021	205.0025	262.5041	105.0007	365.0080
5	16:36:20	76.6670	689317.2000	160.0015	212.5027	230.0032	102.5006	330.0065
x		71.6670	682631.7100	153.0014	204.0025	247.0037	102.5006	345.0072
%RSD		17.010	0.757	14.496	3.635	10.480	6.218	7.082

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:34:31	778040.9400	84097.2100	740430.0000	277.5046	1153598.4000	858997.6500	0.0000
2	16:34:59	783690.3000	85193.2590	746955.5900	227.5031	1154738.9000	862522.9000	2.5000
3	16:35:26	788495.9500	85359.9520	751383.3200	270.0044	1160320.3000	859654.2100	2.5000
4	16:35:53	790706.4000	85013.9420	751552.6200	232.5032	1155262.0000	860808.4800	5.0000
5	16:36:20	796959.5700	86193.4650	757162.9700	247.5037	1162940.6000	864779.8000	7.5000
x		787578.6300	85171.5650	749496.9000	251.0038	1157372.0000	861352.6100	3.5000
%RSD		0.908	0.882	0.831	8.842	0.349	0.271	81.441

CCB2 09/14/2011 16:37:10

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:37:37	386504.1500	426.6776	56470.6900	13871.5360	1805.1955	2115.2684	33861.1550
2	16:38:05	391383.3100	128.3343	41106.1330	4751.3541	625.0234	675.0273	13884.0560
3	16:38:32	390755.7000	90.8338	35701.3120	2790.4671	365.0080	355.0076	9585.5098
4	16:39:00	399251.1700	55.8335	32008.8560	1700.1734	245.0036	300.0054	8311.6429
5	16:39:27	407791.8500	55.8335	29943.7010	1215.0886	165.0016	220.0029	7508.3810
x		395137.2400	151.5026	39046.1380	4865.7238	641.0464	733.0623	14630.1490
%RSD		2.136	103.443	27.207	107.172	105.084	108.008	75.380

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:37:37	98470.8740	805.0389	591259.1300	22.5000	4511.2207	157629.3500	1612.6560
2	16:38:05	91163.4340	607.5221	594934.9100	50.0001	3760.8484	143080.3600	1240.0923
3	16:38:32	89371.6820	417.5105	607897.0800	30.0001	3718.3294	142762.4800	1122.5756
4	16:39:00	89975.6290	382.5088	602578.3600	45.0001	3620.7864	143105.8000	1180.0835
5	16:39:27	89851.8030	310.0058	612067.6300	27.5000	3610.7821	142940.4900	1020.0624
x		91766.6840	504.5172	601747.4200	35.0001	3844.3934	145903.7000	1235.0940
%RSD		4.147	39.792	1.443	33.882	9.837	4.494	18.307

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:37:37	72.5003	774872.6500	27.5000	7.5000	5.0000	5.0000	20.0000
2	16:38:05	55.8335	784490.6000	30.0001	0.0000	7.5000	5.0000	15.0000
3	16:38:32	64.1669	785606.2100	20.0000	17.5000	12.5000	5.0000	15.0000
4	16:39:00	54.1668	799839.3400	7.5000	5.0000	10.0000	0.0000	0.0000
5	16:39:27	64.1669	804502.8000	10.0000	12.5000	5.0000	7.5000	5.0000
x		62.1669	789862.3200	19.0000	8.5000	8.0000	4.5000	11.0000
%RSD		11.899	1.532	53.123	79.466	40.745	60.858	74.689

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:37:37	887708.0500	15.0000	825720.2500	10.0000	1279814.7000	971803.4200	0.0000
2	16:38:05	892673.8500	5.0000	831361.9600	10.0000	1288587.5000	978514.8700	0.0000
3	16:38:32	900388.8900	5.0000	845827.1800	17.5000	1286629.2000	988810.4400	0.0000
4	16:39:00	908177.4300	7.5000	842601.1200	15.0000	1295760.1000	993117.8500	2.5000
5	16:39:27	923530.1900	12.5000	847055.5500	2.5000	1309735.5000	1001538.1000	0.0000
x		902495.6800	9.0000	838513.2100	11.0000	1292105.4000	986756.9300	0.5000
%RSD		1.561	50.461	1.128	52.322	0.880	1.193	223.607

MF4T31-3x 09/14/2011 16:40:18

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:40:45	367848.4300	17.5000	┬203465790.0000	┬26700002.0000	┬3554826.4000	┬4054678.6000	11322.6870
2	16:41:12	366317.3200	16.6667	┬200481640.0000	┬26536180.0000	┬3575140.1000	┬4026710.4000	11545.4920
3	16:41:39	379208.5100	23.3334	┬204589370.0000	┬26565297.0000	┬3567028.5000	┬4070321.2000	11212.5380
4	16:42:07	376766.3900	15.0000	┬202102170.0000	┬26603160.0000	┬3612613.0000	┬4048219.0000	11232.5650
5	16:42:34	370955.0300	23.3334	┬199745320.0000	┬26364562.0000	┬3545224.2000	┬4050383.8000	11512.9470
x		372219.1300	19.1667	┬202076860.0000	┬26553840.0000	┬3570966.4000	┬4050062.6000	11365.2460
%RSD		1.502	20.393	┬0.997	┬0.461	┬0.726	┬0.387	1.370

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:40:45	┬4208511.6000	┬3360932.4000	555593.5600	355.0076	4000.9602	155446.4200	37742.7780
2	16:41:12	┬4198401.0000	┬3434372.1000	552883.1500	407.5100	3970.9459	160663.9900	36620.2860
3	16:41:39	┬4185671.8000	┬3380546.3000	561294.7400	342.5070	3920.9222	158314.6600	35086.2070
4	16:42:07	┬4199964.9000	┬3352130.6000	556927.0600	402.5097	4068.4929	161777.7300	35339.7750
5	16:42:34	┬4214876.1000	┬3402658.2000	559000.4600	317.5061	3938.4305	156694.4700	33637.7530
x		┬4201485.1000	┬3386127.9000	557139.7900	365.0081	3979.9503	158579.4500	35685.3600
%RSD		┬0.264	┬0.982	0.577	10.677	1.463	1.669	4.381

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:40:45	49.1668	722387.3900	102.5006	147.5013	195.0023	110.0007	262.5041
2	16:41:12	55.0002	739017.5000	110.0007	165.0016	205.0025	110.0007	267.5043
3	16:41:39	46.6668	738450.3800	112.5008	180.0019	182.5020	75.0003	220.0029
4	16:42:07	71.6670	741049.0700	115.0008	165.0016	167.5017	102.5006	285.0049
5	16:42:34	53.3335	739669.1900	122.5009	165.0016	180.0019	115.0008	245.0036
x		55.1669	736114.7100	112.5008	164.5016	186.0021	102.5006	256.0040
%RSD		17.758	1.051	6.479	6.998	7.756	15.617	9.633

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:40:45	805585.2600	2.5000	766304.6000	65.0003	1222730.5000	887011.9600	0.0000
2	16:41:12	810446.9700	2.5000	772384.2900	60.0002	1234091.7000	895994.7400	0.0000
3	16:41:39	812921.4600	5.0000	780889.8200	65.0003	1250542.4000	907315.7100	0.0000
4	16:42:07	820836.2800	2.5000	782040.5900	90.0005	1263932.4000	916356.8500	0.0000
5	16:42:34	828510.3500	5.0000	787752.8600	57.5002	1274856.5000	926706.7500	0.0000
x		815660.0600	3.5000	777874.4300	67.5003	1249230.7000	906677.2000	0.0000
%RSD		1.110	39.123	1.091	19.245	1.701	1.740	0.000

MF4T32-3x 09/14/2011 16:43:21

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:43:48	379011.5100	21.6667	↑199805060.0000	↑26244501.0000	↑3516070.9000	↑3992562.1000	11024.7880
2	16:44:15	376765.5200	16.6667	↑199022930.0000	↑26305108.0000	↑3529243.6000	↑3949649.7000	10962.2050
3	16:44:43	374142.0300	10.8333	↑197404530.0000	↑25953093.0000	↑3493712.0000	↑4008309.5000	11104.8940
4	16:45:10	366947.4800	19.1667	↑197542270.0000	↑25757815.0000	↑3509034.0000	↑4069238.7000	10962.2050
5	16:45:37	367902.4000	15.0000	↑195632190.0000	↑25527827.0000	↑3445389.0000	↑3928874.4000	10884.6040
x		372953.7900	16.6667	↑197881400.0000	↑25957669.0000	↑3498689.9000	↑3989726.9000	10987.7390
%RSD		1.433	24.749	↑0.815	↑1.260	↑0.927	↑1.372	0.748

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:43:48	↑4078765.2000	↑3282847.9000	553972.0200	367.5081	3320.6615	147511.6300	33359.1370
2	16:44:15	↑4114334.0000	↑3301915.3000	552924.5200	352.5075	3468.2216	143614.4300	34526.3760
3	16:44:43	↑4136737.4000	↑3297348.5000	553128.6700	290.0051	3388.1886	148213.9200	32380.2870
4	16:45:10	↑4201928.8000	↑3323734.5000	549465.3300	385.0089	3403.1948	145061.6800	31000.0530
5	16:45:37	↑4152976.1000	↑3270689.3000	551318.1500	360.0078	3245.6319	143268.5600	30402.8590
x		↑4136948.3000	↑3295307.1000	552161.7400	351.0075	3365.1797	145534.0400	32333.7420
%RSD		↑1.106	↑0.610	0.324	10.304	2.524	1.542	5.214

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:43:48	71.6670	738665.7700	75.0003	137.5011	115.0008	102.5006	187.5021
2	16:44:15	50.0001	740675.4400	72.5003	100.0006	132.5011	100.0006	187.5021
3	16:44:43	56.6669	743479.4000	87.5005	130.0010	142.5012	65.0003	167.5017
4	16:45:10	50.0001	749674.2000	95.0005	117.5008	142.5012	65.0003	185.0021
5	16:45:37	69.1670	747214.8500	115.0008	122.5009	115.0008	87.5005	187.5021
x		59.5002	743941.9300	89.0005	121.5009	129.5010	84.0004	183.0020
%RSD		17.426	0.610	19.319	11.694	10.697	21.728	4.772

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:43:48	826182.9100	2.5000	788279.3200	265.0042	1279507.5000	929453.9200	0.0000
2	16:44:15	834672.1000	2.5000	790155.1100	290.0051	1293544.7000	940414.9200	0.0000
3	16:44:43	831240.7100	5.0000	800177.0700	275.0045	1297915.0000	945495.7300	0.0000
4	16:45:10	826268.2900	5.0000	804549.5000	230.0032	1311614.5000	954435.0800	0.0000
5	16:45:37	831246.2300	5.0000	803478.1700	270.0044	1316444.7000	958708.9500	0.0000
x		829922.0500	4.0000	797327.8300	266.0043	1299805.3000	945701.7200	0.0000
%RSD		0.440	34.233	0.954	8.343	1.135	1.226	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:46:52	367476.7200	19.1667	┬181555700.0000	┬38733497.0000	┬5231815.1000	┬6007348.9000	9472.8811
2	16:47:19	365934.3600	15.8333	┬187075250.0000	┬39893876.0000	┬5306795.5000	┬6038669.0000	9367.7623
3	16:47:47	368375.1100	16.6667	┬181646110.0000	┬39109002.0000	┬5226615.4000	┬6015763.8000	9783.2393
4	16:48:14	362172.7600	16.6667	┬183158080.0000	┬38799459.0000	┬5268664.0000	┬6013633.9000	9240.1200
5	16:48:42	370131.2500	16.6667	┬179856320.0000	┬38487442.0000	┬5267728.1000	┬5958256.3000	9648.0819
x		366818.0400	17.0000	┬182658290.0000	┬39004655.0000	┬5260323.6000	┬6006734.4000	9502.4169
%RSD		0.820	7.434	┬1.496	┬1.395	┬0.618	┬0.492	2.281

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:46:52	┬2508460.9000	┬4105496.9000	545107.6500	565.0192	9192.5674	143177.0000	37097.3900
2	16:47:19	┬2463126.9000	┬3993161.4000	537427.0700	557.5187	8857.2045	140090.2000	37996.4270
3	16:47:47	┬2497913.8000	┬4043845.1000	545170.3100	517.5161	9335.2259	141402.0800	39430.5660
4	16:48:14	┬2516207.4000	┬4032837.9000	541978.0900	520.0162	9472.8811	142169.9800	38260.1290
5	16:48:42	┬2491021.9000	┬3937891.3000	535509.3300	540.0175	9510.4238	142617.5300	38928.2120
x		┬2495346.2000	┬4022646.5000	541038.4900	540.0175	9273.6605	141891.3600	38342.5450
%RSD		┬0.819	┬1.546	0.817	3.969	2.851	0.844	2.334

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:46:52	61.6669	729822.7400	1575.1489	2787.9663	2857.9900	1732.6801	4393.6579
2	16:47:19	49.1668	735754.3500	1530.1405	2672.9286	2882.9986	1750.1838	4398.6606
3	16:47:47	54.1668	737474.3700	1577.6493	2687.9334	2923.0126	1735.1806	4241.0789
4	16:48:14	47.5001	732394.3300	1607.6551	2865.4926	2782.9646	1765.1869	4503.7167
5	16:48:42	54.1668	732740.3600	1577.6493	2740.4505	3003.0410	1457.6275	4133.5249
x		53.3335	733637.2300	1573.6486	2750.9543	2890.0014	1688.1718	4334.1278
%RSD		10.364	0.410	1.764	2.854	2.811	7.673	3.371

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:46:52	813416.4400	2.5000	783983.5500	40.0001	1303013.9000	938960.0100	0.0000
2	16:47:19	811290.9600	7.5000	789318.6300	32.5001	1312429.0000	945769.3200	0.0000
3	16:47:47	819773.9500	10.0000	789927.4700	32.5001	1308912.5000	941981.6900	0.0000
4	16:48:14	813182.6900	12.5000	789872.6200	57.5002	1309523.2000	939823.4400	0.0000
5	16:48:42	816276.8900	10.0000	789477.6900	40.0001	1308802.0000	942595.6400	0.0000
x		814788.1900	8.5000	788515.9900	40.5001	1308536.1000	941826.0200	0.0000
%RSD		0.406	44.605	0.323	25.226	0.262	0.283	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:49:56	364803.0100	17.5000	┬177679960.0000	┬38714684.0000	┬5274487.7000	┬5964052.4000	13535.9840
2	16:50:24	363382.9400	21.6667	┬177606190.0000	┬39162525.0000	┬5196803.5000	┬5947886.1000	13435.8230
3	16:50:51	360470.4500	13.3333	┬180697200.0000	┬38594589.0000	┬5205712.4000	┬5941496.4000	13082.7610
4	16:51:18	356287.8900	12.5000	┬179523580.0000	┬38473070.0000	┬5213997.3000	┬5900155.3000	13187.9270
5	16:51:45	357873.7100	20.0000	┬179208450.0000	┬37875780.0000	┬5066393.7000	┬5867962.2000	13443.3350
x		360563.6000	17.0000	┬178943080.0000	┬38564129.0000	┬5191478.9000	┬5924310.5000	13337.1660
%RSD		0.995	23.662	┬0.732	┬1.205	┬1.469	┬0.664	1.440

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:49:56	┬2397753.6000	┬3928074.7000	542715.0600	487.5143	3503.2362	145415.2600	40925.2460
2	16:50:24	┬2432267.8000	┬3967224.3000	546675.5200	482.5140	3340.6695	143370.2800	38478.6320
3	16:50:51	┬2419938.7000	┬3976514.0000	535828.9200	482.5140	3508.2383	142589.5600	38255.1060
4	16:51:18	┬2415647.2000	┬3895170.3000	538250.2300	585.0205	3350.6735	143797.5500	39897.7820
5	16:51:45	┬2411592.0000	┬3884397.3000	532886.4400	457.5126	3430.7060	143886.5700	37998.9380
x		┬2415439.9000	┬3930276.1000	539271.2400	499.0151	3426.7047	143811.8400	39111.1410
%RSD		┬0.520	┬1.053	1.017	9.917	2.339	0.718	3.204

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:49:56	45.0001	722681.3000	1675.1684	2847.9866	2910.5082	1735.1806	4371.1461
2	16:50:24	48.3335	731849.4400	1732.6801	2735.4489	2918.0108	1727.6791	4373.6474
3	16:50:51	47.5001	724349.7500	1572.6484	2715.4423	3018.0464	1747.6832	4373.6474
4	16:51:18	70.8336	727140.2700	1537.6418	2725.4456	2893.0021	1642.6619	4366.1435
5	16:51:45	54.1668	726290.7700	1552.6446	2615.4104	2847.9866	1602.6541	4393.6579
x		53.1668	726462.3100	1614.1567	2727.9468	2917.5108	1691.1718	4375.6485
%RSD		19.621	0.478	5.287	3.028	2.140	3.815	0.240

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:49:56	801275.4700	5.0000	769215.3200	92.5005	1277272.9000	913455.2200	0.0000
2	16:50:24	807247.6600	0.0000	773046.6900	82.5004	1280180.0000	923253.1100	0.0000
3	16:50:51	803761.1000	10.0000	776088.3500	60.0002	1267306.9000	916870.2300	0.0000
4	16:51:18	799990.3600	7.5000	769064.8300	70.0003	1273816.5000	915630.6600	0.0000
5	16:51:45	803824.2800	5.0000	773566.7900	55.0002	1261123.2000	911876.8400	0.0000
x		803219.7700	5.5000	772196.3900	72.0003	1271939.9000	916217.2100	0.0000
%RSD		0.347	67.420	0.391	21.601	0.607	0.478	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:52:59	358619.7800	18006.9340	┬182451570.0000	┬39611518.0000	┬5338340.7000	┬6077705.7000	┬2840066.1000
2	16:53:26	362837.4300	17514.2190	┬180905490.0000	┬39365327.0000	┬5325029.3000	┬6026762.5000	┬2801957.9000
3	16:53:54	358908.4900	17920.9160	┬182592370.0000	┬39722156.0000	┬5404758.8000	┬6103927.9000	┬2853130.8000
4	16:54:22	363213.2800	18064.5580	┬184534700.0000	┬40565636.0000	┬5414395.7000	┬6157594.6000	┬2869167.9000
5	16:54:49	358765.8700	18009.4390	┬180345790.0000	┬38724650.0000	┬5235385.6000	┬6005044.4000	┬2808810.6000
x		360468.9700	17903.2130	┬182165990.0000	┬39597857.0000	┬5343582.0000	┬6074207.0000	┬2834626.7000
%RSD		0.649	1.248	┬0.901	┬1.679	┬1.351	┬1.004	┬1.013

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:52:59	┬2468054.9000	┬4055789.0000	542998.9400	580.0202	8549.3833	141152.9100	38398.2620
2	16:53:26	┬2460381.0000	┬4029305.5000	538267.5500	527.5167	8244.0759	140138.5000	39282.3690
3	16:53:54	┬2469091.4000	┬4037346.2000	542492.5000	472.5134	8787.1304	141501.2400	38847.8390
4	16:54:22	┬2534428.3000	┬4053212.9000	539521.0900	507.5155	8742.0830	145048.9600	39990.7260
5	16:54:49	┬2506824.2000	┬4044372.0000	539958.0800	520.0162	8867.2151	140232.5700	40739.3390
x		┬2487756.0000	┬4044005.1000	540647.6300	521.5164	8637.9775	141614.8400	39451.7070
%RSD		┬1.276	┬0.272	0.374	7.462	2.886	1.417	2.355

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:52:59	69.1670	713802.8500	1547.6437	2772.9613	3028.0500	1742.6822	4483.7059
2	16:53:26	64.1669	717759.5000	1777.6896	2710.4407	3045.5564	1700.1734	4628.7852
3	16:53:54	49.1668	717650.7000	1532.6409	2705.4391	2988.0356	1770.1880	4521.2262
4	16:54:22	59.1669	723647.4900	1735.1806	2662.9254	3100.5767	1750.1838	4718.8357
5	16:54:49	56.6669	716522.0000	1615.1565	2865.4926	2973.0302	1855.2065	4426.1751
x		59.6669	717876.5100	1641.6623	2743.4518	3027.0498	1763.6868	4555.7456
%RSD		12.709	0.501	6.720	2.869	1.667	3.242	2.576

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:52:59	801865.9100	950.0542	765325.4700	47.5001	1252559.3000	905784.2900	0.0000
2	16:53:26	798675.2400	940.0530	769417.7900	65.0003	1262555.2000	907599.2400	0.0000
3	16:53:54	800608.1800	872.5457	763624.5400	55.0002	1264589.3000	910660.2100	0.0000
4	16:54:22	798776.8200	987.5585	767882.9400	65.0003	1261479.0000	913738.9400	0.0000
5	16:54:49	807651.6300	972.5568	771563.2000	75.0003	1267202.7000	908545.7700	0.0000
x		801515.5600	944.5536	767562.7900	61.5002	1261677.1000	909265.6900	0.0000
%RSD		0.459	4.696	0.412	17.150	0.439	0.336	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:56:03	362785.2300	19.1667	↑181838830.0000	↑39372615.0000	↑5292998.8000	↑6031092.1000	14750.5430
2	16:56:31	363515.1900	14.1667	↑180245720.0000	↑38790273.0000	↑5167476.9000	↑5873933.0000	14575.2350
3	16:56:58	368484.8100	15.0000	↑181247660.0000	↑39190625.0000	↑5261557.7000	↑5968661.4000	14780.5960
4	16:57:26	360353.0300	15.8333	↑177414630.0000	↑38294537.0000	↑5141755.5000	↑5812933.8000	14011.7700
5	16:57:54	369836.0700	10.0000	↑183060900.0000	↑39099850.0000	↑5160093.2000	↑5846837.8000	14955.9090
x		364994.8700	14.8333	↑180761550.0000	↑38949580.0000	↑5204776.4000	↑5906691.6000	14614.8110
%RSD		1.098	22.260	↑1.178	↑1.085	↑1.302	↑1.532	2.485

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:56:03	↑2422775.5000	↑3982544.5000	535147.1400	435.0114	3285.6476	144517.3400	40553.4350
2	16:56:31	↑2402372.5000	↑3903562.3000	540364.4400	565.0192	3443.2112	144481.7300	39581.2780
3	16:56:58	↑2375968.6000	↑3889334.9000	540845.4400	482.5140	3453.2153	141379.2000	39445.6370
4	16:57:26	↑2368622.0000	↑3905084.5000	543329.4700	487.5143	3600.7778	148679.6100	39993.2380
5	16:57:54	↑2403772.7000	↑3962345.2000	552118.6300	537.5173	3385.6876	145455.9600	38923.1890
x		↑2394702.3000	↑3928574.3000	542361.0200	501.5152	3433.7079	144902.7700	39699.3550
%RSD		↑0.924	↑1.047	1.146	10.123	3.340	1.803	1.541

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:56:03	71.6670	718850.2700	1562.6465	2807.9730	2705.4391	1760.1859	4451.1885
2	16:56:31	59.1669	721883.9400	1510.1368	2857.9900	2948.0214	1590.1517	4433.6791
3	16:56:58	70.0003	727883.6600	1607.6551	2635.4167	3025.5491	1660.1654	4503.7167
4	16:57:26	49.1668	725474.0200	1580.1498	2825.4789	2908.0073	1660.1654	4373.6474
5	16:57:54	69.1670	731277.3400	1577.6493	2630.4151	2925.5134	1697.6729	4523.7275
x		63.8336	725073.8400	1567.6475	2751.4547	2902.5061	1673.6682	4457.1918
%RSD		14.959	0.674	2.298	3.987	4.099	3.707	1.335

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:56:03	794234.4000	7.5000	760458.7600	22.5000	1254955.3000	898805.9100	0.0000
2	16:56:31	806645.8600	2.5000	770887.2300	50.0001	1254238.5000	908192.7200	2.5000
3	16:56:58	806794.2500	5.0000	771965.5200	50.0001	1256308.2000	907301.8200	0.0000
4	16:57:26	802198.2300	7.5000	773824.1100	67.5003	1264673.2000	914833.5900	0.0000
5	16:57:54	808558.5800	5.0000	776468.9700	65.0003	1265825.0000	913296.6800	0.0000
x		803686.2600	5.5000	770720.9200	51.0002	1259200.0000	908486.1400	0.5000
%RSD		0.719	38.030	0.793	35.110	0.444	0.693	223.607

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	16:59:08	381004.3700	13.3333	┬40183989.0000	┬8645946.4000	1082693.2000	1244251.8000	10271.3260
2	16:59:36	388561.5900	12.5000	┬39425748.0000	┬8618388.5000	1087571.4000	┬1332972.3000	10594.2300
3	17:00:03	391674.8700	14.1667	┬39830161.0000	┬8662928.5000	┬1166165.3000	┬1336079.9000	10481.5880
4	17:00:30	393135.4600	7.5000	┬39643862.0000	┬8597982.8000	1086436.7000	┬1348649.8000	10686.8480
5	17:00:57	389207.3700	5.8333	┬39880454.0000	┬8762719.8000	1105882.7000	1255368.7000	10837.0420
x		388716.7300	10.6667	┬39792843.0000	┬8657593.2000	┬1105749.8000	┬1303464.5000	10574.2070
%RSD		1.207	35.113	┬0.710	┬0.737	┬3.160	┬3.797	2.020

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	16:59:08	571873.9300	750943.7300	564153.4200	165.0016	3240.6300	139116.5900	9570.4925
2	16:59:36	576617.1300	761945.8200	570106.2600	140.0012	3253.1348	140250.3600	10188.7250
3	17:00:03	581973.4300	769062.1000	573171.1600	145.0013	3210.6184	140199.5200	9102.4686
4	17:00:30	585586.3200	769702.3600	572301.8600	180.0019	3515.7415	141569.8900	9693.1341
5	17:00:57	593183.9600	766917.3100	574868.5600	155.0014	3340.6695	143146.4900	9447.8527
x		581846.9500	763714.2600	570920.2500	157.0015	3312.1588	140856.5700	9600.5345
%RSD		1.410	1.016	0.728	10.221	3.734	1.099	4.123

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	16:59:08	59.1669	765330.9400	335.0067	620.0231	577.5200	367.5081	907.5494
2	16:59:36	50.0001	771645.3000	377.5086	670.0269	585.0205	312.5059	935.0525
3	17:00:03	53.3335	781478.8800	360.0078	677.5275	632.5240	382.5088	990.0588
4	17:00:30	66.6669	779911.7800	312.5059	602.5218	527.5167	420.0106	920.0508
5	17:00:57	65.0003	783917.7700	352.5075	615.0227	635.0242	382.5088	962.5556
x		58.8335	776456.9400	347.5073	637.0244	591.5211	373.0084	943.0534
%RSD		12.250	0.997	7.140	5.377	7.517	10.453	3.534

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	16:59:08	873707.9900	2.5000	825596.3300	42.5001	1315495.9000	982989.6700	0.0000
2	16:59:36	883856.6400	2.5000	832715.0800	22.5000	1320459.2000	993976.7800	0.0000
3	17:00:03	881517.2200	2.5000	835623.2000	45.0001	1339750.4000	1004581.3000	0.0000
4	17:00:30	893786.6900	5.0000	843967.0200	35.0001	1349513.7000	1010181.5000	0.0000
5	17:00:57	894264.0600	7.5000	846152.8900	25.0000	1340141.4000	1010327.7000	0.0000
x		885426.5200	4.0000	836810.9000	34.0001	1333072.1000	1000411.4000	0.0000
%RSD		0.983	55.902	1.004	29.686	1.082	1.179	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	17:02:13	365995.2900	10.0000	T180386800.0000	T26608312.0000	T3611781.0000	T4087709.6000	8466.7990
2	17:02:39	363620.4700	12.5000	T178124750.0000	T26874433.0000	T3655077.6000	T4144518.7000	8614.4502
3	17:03:07	372527.9100	18.3334	T177459800.0000	T27090049.0000	T3661213.3000	T4178213.1000	8679.5177
4	17:03:34	367751.8000	7.5000	T181764130.0000	T27042051.0000	T3616044.8000	T4136767.3000	8817.1621
5	17:04:02	372169.9400	7.5000	T178770120.0000	T26682240.0000	T3578883.9000	T4106948.6000	8454.2863
x		368413.0800	11.1667	T179301120.0000	T26859417.0000	T3624600.1000	T4130831.4000	8606.4431
%RSD		1.054	40.395	T0.978	T0.792	T0.935	T0.847	1.767

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	17:02:13	T2819015.7000	T2736529.5000	547204.8800	362.5079	3285.6476	137212.9200	25529.0440
2	17:02:39	T2883479.8000	T2750386.1000	541995.4200	292.5051	3313.1585	137606.8300	26193.6020
3	17:03:07	T2878388.1000	T2757411.9000	550337.6700	342.5070	3348.1725	138046.5200	24864.5390
4	17:03:34	T2887935.0000	T2759266.0000	547319.5500	367.5081	3115.5823	136933.3800	27016.2220
5	17:04:02	T2865095.3000	T2736627.1000	548741.1200	377.5086	3188.1097	135911.8600	25890.1560
x		T2866782.8000	T2748044.1000	547119.7300	348.5073	3250.1341	137142.3000	25898.7130
%RSD		T0.978	T0.399	0.573	9.699	2.951	0.587	3.078

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:02:13	50.0001	743323.9000	460.0127	842.5426	887.5473	465.0130	1287.5995
2	17:02:39	66.6669	746914.6500	415.0103	790.0375	815.0399	535.0172	1257.5949
3	17:03:07	56.6669	752126.0500	432.5112	880.0465	905.0491	512.5158	1250.0938
4	17:03:34	55.8335	751675.4900	495.0147	805.0389	745.0333	512.5158	1312.6034
5	17:04:02	73.3337	760005.0400	462.5128	887.5473	877.5462	467.5131	1280.0983
x		60.5002	750809.0300	453.0124	841.0425	846.0432	498.5150	1277.5980
%RSD		15.449	0.838	6.775	5.177	7.787	6.189	1.952

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	17:02:13	830086.2000	0.0000	793098.4800	30.0001	1294317.0000	941807.2800	0.0000
2	17:02:39	833682.5100	7.5000	799562.0300	42.5001	1320817.4000	955449.5500	0.0000
3	17:03:07	837415.4200	5.0000	808888.4000	42.5001	1328487.8000	968414.6200	0.0000
4	17:03:34	830188.1400	2.5000	806618.3800	40.0001	1338262.3000	973256.7600	0.0000
5	17:04:02	846412.3600	2.5000	809133.0200	27.5000	1341197.8000	981317.4800	0.0000
x		835556.9300	3.5000	803460.0600	36.5001	1324616.4000	964049.1400	0.0000
%RSD		0.811	81.441	0.867	19.733	1.417	1.616	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	17:05:17	365682.8400	15.0000	₸184131840.0000	₸27180756.0000	₸3612127.7000	₸4151292.5000	15594.5780
2	17:05:44	364701.2000	5.8333	₸183510800.0000	₸27670967.0000	₸3689257.3000	₸4191516.3000	16113.0630
3	17:06:11	371894.7200	8.3333	₸179966790.0000	₸27600022.0000	₸3707456.4000	₸4191690.9000	15506.9140
4	17:06:38	365463.5300	11.6667	₸180059300.0000	₸26975716.0000	₸3646654.0000	₸4181390.5000	15531.9610
5	17:07:06	366632.3900	9.1667	₸184204850.0000	₸27181739.0000	₸3659064.1000	₸4165922.5000	15857.5730
x		366874.9300	10.0000	₸182374720.0000	₸27321840.0000	₸3662911.9000	₸4176362.6000	15720.8180
%RSD		0.788	34.861	₸1.191	₸1.096	₸1.016	₸0.419	1.652

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	17:05:17	₸2899227.6000	₸2786803.4000	534682.4400	365.0080	3423.2030	137866.0700	27028.7620
2	17:05:44	₸2906101.3000	₸2791799.6000	537871.9400	367.5081	3435.7081	137629.7100	27547.9580
3	17:06:11	₸2899373.0000	₸2810086.3000	540511.0000	355.0076	3435.7081	137949.9400	26316.4880
4	17:06:38	₸2910192.8000	₸2776811.1000	544834.3700	337.5068	3525.7457	140669.8400	27319.7090
5	17:07:06	₸2881570.4000	₸2764867.1000	532636.1800	357.5077	3428.2050	137190.0500	27650.7980
x		₸2899293.0000	₸2786073.5000	538107.1900	356.5076	3449.7140	138261.1200	27172.7430
%RSD		₸0.378	₸0.607	0.895	3.312	1.242	0.997	1.969

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:05:17	43.3334	738164.1100	32.5001	25.0000	22.5000	12.5000	27.5000
2	17:05:44	48.3335	740789.9800	27.5000	22.5000	22.5000	20.0000	25.0000
3	17:06:11	57.5002	750719.8400	40.0001	22.5000	20.0000	15.0000	25.0000
4	17:06:38	50.8335	745632.0700	10.0000	15.0000	22.5000	17.5000	20.0000
5	17:07:06	52.5002	747613.3300	22.5000	27.5000	10.0000	20.0000	35.0001
x		50.5002	744583.8700	26.5000	22.5000	19.5000	17.0000	26.5000
%RSD		10.345	0.683	42.505	20.787	27.794	19.174	20.669

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	17:05:17	818120.1700	0.0000	798537.9700	95.0005	1317518.7000	956339.7600	0.0000
2	17:05:44	824990.5100	7.5000	801140.9100	60.0002	1315824.8000	959626.0500	0.0000
3	17:06:11	828846.4300	5.0000	800509.3200	40.0001	1324289.1000	965344.6900	0.0000
4	17:06:38	823864.3500	0.0000	797648.5400	67.5003	1322713.2000	956898.8000	0.0000
5	17:07:06	824307.6400	7.5000	802656.9000	80.0004	1315690.9000	959827.3800	0.0000
x		824025.8200	4.0000	800098.7300	68.5003	1319207.3000	959607.3400	0.0000
%RSD		0.467	94.786	0.252	30.272	0.305	0.372	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	17:08:20	378051.8600	17.5000	┬145616150.0000	┬18972108.0000	┬2577238.8000	┬2901561.1000	8474.3066
2	17:08:48	378246.2200	8.3333	┬146158540.0000	┬18987904.0000	┬2596339.2000	┬2948454.0000	8476.8092
3	17:09:15	372875.4500	8.3333	┬148408730.0000	┬19246772.0000	┬2609269.2000	┬2940143.9000	8481.8143
4	17:09:42	375139.5800	14.1667	┬145878650.0000	┬19023258.0000	┬2610967.8000	┬2950339.5000	8386.7181
5	17:10:09	375400.0900	5.8333	┬145601890.0000	┬18777678.0000	┬2564828.7000	┬2978377.5000	8591.9270
x		375942.6400	10.8333	┬146332790.0000	┬19001544.0000	┬2591728.7000	┬2943775.2000	8482.3150
%RSD		0.596	44.522	┬0.808	┬0.880	┬0.780	┬0.939	0.859

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	17:08:20	┬3064924.7000	┬3439934.2000	552412.1600	360.0078	5709.4552	143133.7700	36665.4840
2	17:08:48	┬3020609.1000	┬3387084.2000	555699.0000	310.0058	5832.0400	143629.6900	32932.4440
3	17:09:15	┬3017990.5000	┬3413548.3000	550552.4300	317.5061	5849.5523	144919.2300	33384.2370
4	17:09:42	┬3094529.1000	┬3440949.1000	556147.4900	332.5066	5882.0752	144247.7300	34466.1280
5	17:10:09	┬3073962.4000	┬3384293.4000	556259.6100	337.5068	5656.9194	144842.9200	34968.2130
x		┬3054403.2000	┬3413161.8000	554214.1400	331.5066	5786.0084	144154.6700	34483.3010
%RSD		┬1.107	┬0.803	0.467	5.856	1.683	0.536	4.255

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:08:20	62.5002	748948.0600	285.0049	487.5143	505.0153	327.5064	727.5318
2	17:08:48	60.0002	753660.8600	262.5041	430.0111	492.5146	295.0052	682.5280
3	17:09:15	51.6668	752448.2800	245.0036	460.0127	470.0133	287.5050	730.0320
4	17:09:42	57.5002	756337.8500	290.0051	487.5143	485.0141	290.0051	662.5263
5	17:10:09	35.8334	753537.9500	260.0041	455.0124	505.0153	287.5050	760.0347
x		53.5002	752986.6000	268.5043	464.0130	491.5145	297.5053	712.5305
%RSD		19.929	0.355	6.955	5.232	3.001	5.730	5.520

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	17:08:20	837564.3200	2.5000	794286.5400	62.5002	1302037.5000	942994.7300	0.0000
2	17:08:48	842010.6800	2.5000	804667.6300	75.0003	1309156.7000	947815.9300	0.0000
3	17:09:15	834997.3900	0.0000	803016.7100	52.5002	1306208.3000	953858.0300	0.0000
4	17:09:42	834457.0800	5.0000	802170.7600	52.5002	1318371.7000	952409.2800	0.0000
5	17:10:09	838579.1700	2.5000	812679.4800	95.0005	1316980.2000	954799.7800	0.0000
x		837521.7300	2.5000	803364.2200	67.5003	1310550.9000	950375.5500	0.0000
%RSD		0.363	70.711	0.817	26.579	0.534	0.518	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	17:11:25	380188.3400	11.6667	┬143412750.0000	┬18927128.0000	┬2545381.6000	┬2882950.7000	8819.6647
2	17:11:52	380367.9300	8.3333	┬143067130.0000	┬19008479.0000	┬2545589.6000	┬2893879.5000	8374.2055
3	17:12:20	378325.5300	11.6667	┬146646930.0000	┬18835302.0000	┬2523265.3000	┬2902922.9000	9029.8897
4	17:12:48	369498.2300	10.8333	┬146313750.0000	┬19104271.0000	┬2524998.6000	┬2897196.6000	8872.2205
5	17:13:14	377961.2100	11.6667	┬144467300.0000	┬18669853.0000	┬2505932.8000	┬2872580.5000	9067.4304
x		377268.2500	10.8333	┬144781570.0000	┬18909007.0000	┬2529033.6000	┬2889906.0000	8832.6822
%RSD		1.186	13.323	┬1.132	┬0.881	┬0.663	┬0.419	3.131

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	17:11:25	┬3019445.3000	┬3374281.6000	562194.9800	347.5073	3355.6755	146745.7800	34704.6140
2	17:11:52	┬3015099.2000	┬3414719.2000	566330.1300	320.0061	3168.1021	148129.9500	33976.6240
3	17:12:20	┬3025482.6000	┬3341103.9000	554772.7400	305.0056	3420.7019	144919.2300	33989.1750
4	17:12:48	┬3034920.3000	┬3353789.5000	560692.4000	295.0052	3290.6496	144003.5600	35410.0730
5	17:13:14	┬3024991.6000	┬3323344.1000	559936.5200	302.5055	3453.2153	144542.7800	36075.4170
x		┬3023987.8000	┬3361447.7000	560785.3500	314.0059	3337.6689	145668.2600	34831.1810
%RSD		┬0.247	┬1.044	0.744	6.628	3.401	1.180	2.623

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:11:25	50.0001	757152.0400	215.0028	340.0069	330.0065	235.0033	500.0150
2	17:11:52	56.6669	753374.0800	232.5032	350.0074	405.0098	217.5028	582.5204
3	17:12:20	63.3336	760382.2300	217.5028	332.5066	370.0082	230.0032	640.0246
4	17:12:48	61.6669	766755.9200	220.0029	420.0106	390.0091	195.0023	562.5190
5	17:13:14	63.3336	754810.7700	200.0024	362.5079	302.5055	240.0035	597.5214
x		59.0002	758495.0100	217.0028	361.0079	359.5078	223.5030	576.5201
%RSD		9.704	0.702	5.367	9.653	11.826	8.051	8.912

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	17:11:25	843933.9000	0.0000	800319.8600	210.0027	1308147.7000	943992.5300	0.0000
2	17:11:52	841560.9700	0.0000	801212.3100	232.5032	1304388.6000	950518.0200	0.0000
3	17:12:20	847221.1900	2.5000	802536.0500	195.0023	1299814.7000	952357.5900	0.0000
4	17:12:48	838140.6800	5.0000	811961.8200	245.0036	1302653.5000	948621.5900	0.0000
5	17:13:14	837989.0000	10.0000	803725.3900	210.0027	1312746.2000	948752.8400	0.0000
x		841769.1500	3.5000	803951.0800	218.5029	1305550.1000	948848.5200	0.0000
%RSD		0.467	119.523	0.580	9.139	0.385	0.328	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	17:14:30	377712.8200	5.8333	┬177367670.0000	┬25409223.0000	┬3456724.5000	┬3948462.6000	8524.3577
2	17:14:58	373565.3400	15.0000	┬176813830.0000	┬25177541.0000	┬3394396.8000	┬3894586.4000	7876.2203
3	17:15:25	381864.0700	9.1667	┬177159240.0000	┬25349091.0000	┬3396372.7000	┬3910124.3000	8161.4946
4	17:15:53	379729.7900	10.8333	┬175080080.0000	┬25524980.0000	┬3442269.2000	┬3918783.5000	8409.2408
5	17:16:21	379097.8000	15.0000	┬178460050.0000	┬25798999.0000	┬3389162.4000	┬3918574.0000	8421.7534
x		378393.9700	11.1667	┬176976170.0000	┬25451967.0000	┬3415785.1000	┬3918106.2000	8278.6134
%RSD		0.816	35.241	┬0.693	┬0.908	┬0.917	┬0.501	3.159

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	17:14:30	┬3481822.6000	┬3888808.0000	549666.7400	345.0071	5974.6410	150944.7900	39520.9930
2	17:14:58	┬3460619.5000	┬3851336.8000	558008.4200	370.0082	5784.5069	151339.3500	40636.3380
3	17:15:25	┬3438579.8000	┬3850946.4000	555752.3900	285.0049	6094.7279	150089.5500	36519.8470
4	17:15:53	┬3442289.5000	┬3840232.0000	549301.2800	320.0061	6159.7757	149781.5800	37941.1760
5	17:16:21	┬3460510.3000	┬3817261.4000	554660.6300	292.5051	6134.7573	148964.6300	38368.1240
x		┬3456764.3000	┬3849716.9000	553477.8900	322.5063	6029.6818	150223.9800	38597.2950
%RSD		┬0.500	┬0.672	0.694	11.045	2.560	0.628	4.057

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:14:30	52.5002	744584.3100	235.0033	332.5066	390.0091	245.0036	462.5128
2	17:14:58	60.8336	751325.9800	232.5032	327.5064	295.0052	190.0022	495.0147
3	17:15:25	51.6668	752855.1900	160.0015	340.0069	365.0080	247.5037	550.0181
4	17:15:53	45.8335	749679.6600	237.5034	282.5048	367.5081	200.0024	480.0138
5	17:16:21	63.3336	750059.1300	195.0023	337.5068	367.5081	200.0024	532.5170
x		54.8335	749700.8600	212.0028	324.0063	357.0077	216.5029	504.0153
%RSD		13.047	0.416	15.983	7.312	10.117	12.692	7.228

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	17:14:30	827168.9000	5.0000	785197.7800	37.5001	1281899.1000	925453.2600	0.0000
2	17:14:58	828579.2200	5.0000	791027.3200	60.0002	1296631.3000	932611.7200	0.0000
3	17:15:25	830843.9200	5.0000	798082.2700	37.5001	1297929.5000	938178.9500	0.0000
4	17:15:53	832290.6600	2.5000	800770.1900	42.5001	1305932.2000	947082.9500	0.0000
5	17:16:21	835466.0600	5.0000	804527.5300	25.0000	1302124.6000	949561.3700	0.0000
x		830869.7500	4.5000	795921.0100	40.5001	1296903.3000	938577.6500	0.0000
%RSD		0.390	24.845	0.976	31.293	0.706	1.067	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	17:17:34	376079.7300	8.3333	┬188598220.0000	┬25595823.0000	┬3486952.3000	┬4004643.2000	6945.3931
2	17:18:02	366393.9100	8.3333	┬186406890.0000	┬26136269.0000	┬3510593.9000	┬4009671.2000	6560.0811
3	17:18:29	369968.4200	10.0000	┬187206820.0000	┬25837438.0000	┬3490141.5000	┬4060893.7000	6817.7878
4	17:18:56	374405.1300	5.8333	┬186500420.0000	┬26050240.0000	┬3552815.8000	┬4075663.4000	6955.4014
5	17:19:23	370193.9400	8.3333	┬187760740.0000	┬25861504.0000	┬3455511.2000	┬3948602.2000	6820.2898
x		371408.2300	8.1667	┬187294620.0000	┬25896255.0000	┬3499203.0000	┬4019894.7000	6819.7906
%RSD		1.038	18.254	┬0.488	┬0.811	┬1.025	┬1.257	2.337

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	17:17:34	┬3573163.3000	┬3935159.1000	549042.5400	327.5064	3375.6836	145641.6600	37803.0500
2	17:18:02	┬3580637.2000	┬3854732.6000	546858.1900	302.5055	3448.2133	145880.7900	37388.6870
3	17:18:29	┬3535157.7000	┬3862558.6000	551247.4500	340.0069	3185.6088	144547.8700	37695.0630
4	17:18:56	┬3544031.8000	┬3890486.4000	545580.9100	305.0056	3315.6595	143273.6400	35051.0600
5	17:19:23	┬3496752.1000	┬3813026.4000	546898.1900	267.5043	3233.1271	143995.9300	35814.2950
x		┬3545948.4000	┬3871192.6000	547925.4600	308.5058	3311.6584	144667.9800	36750.4310
%RSD		┬0.944	┬1.169	0.408	8.999	3.196	0.760	3.380

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:17:34	60.8336	742625.5700	200.0024	347.5073	340.0069	225.0030	540.0175
2	17:18:02	65.0003	749698.7700	270.0044	307.5057	355.0076	225.0030	537.5173
3	17:18:29	51.6668	753305.8100	217.5028	327.5064	370.0082	200.0024	550.0181
4	17:18:56	59.1669	758463.6500	172.5018	347.5073	342.5070	237.5034	522.5164
5	17:19:23	62.5002	761598.6400	232.5032	345.0071	337.5068	182.5020	562.5190
x		59.8335	753138.4900	218.5029	335.0068	349.0073	214.0028	542.5177
%RSD		8.437	0.990	16.671	5.224	3.878	10.403	2.746

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	17:17:34	823701.9100	5.0000	796561.5800	80.0004	1301174.5000	937637.8300	0.0000
2	17:18:02	828929.0800	5.0000	805500.0800	60.0002	1317853.5000	946359.8000	0.0000
3	17:18:29	842143.1100	2.5000	810675.1400	30.0001	1329630.3000	958889.2900	0.0000
4	17:18:56	845424.2100	10.0000	814582.5100	62.5002	1349785.4000	970754.8600	0.0000
5	17:19:23	844960.5300	0.0000	823779.0000	60.0002	1355887.2000	972405.4400	0.0000
x		837031.7700	4.5000	810219.6600	58.5002	1330866.2000	957209.4400	0.0000
%RSD		1.199	82.402	1.252	30.757	1.695	1.583	0.000

MF4T85-3x 09/14/2011 17:20:10

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	17:20:37	374399.9000	9.1667	┬189411400.0000	┬26300159.0000	┬3533022.1000	┬4028142.0000	6737.7227
2	17:21:05	374850.3200	10.0000	┬186481110.0000	┬26473099.0000	┬3576804.0000	┬4101955.5000	7163.0773
3	17:21:32	371696.1400	5.8333	┬188127460.0000	┬25996277.0000	┬3515169.7000	┬4013616.8000	6872.8330
4	17:22:00	373405.9300	11.6667	┬189539060.0000	┬26313446.0000	┬3517526.9000	┬4044692.4000	6967.9119
5	17:22:27	371585.5400	10.8333	┬186435480.0000	┬26041325.0000	┬3505844.8000	┬3989699.0000	7143.0601
x		373187.5700	9.5000	┬187998900.0000	┬26224861.0000	┬3529673.5000	┬4035621.1000	6976.9210
%RSD		0.404	23.700	┬0.804	┬0.765	┬0.796	┬1.046	2.588

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	17:20:37	┬3478112.9000	┬3856098.7000	543424.1100	252.5038	3428.2050	145941.8500	37207.8810
2	17:21:05	┬3508935.7000	┬3848292.2000	548437.0500	355.0076	3500.7352	148626.1700	36768.4370
3	17:21:32	┬3556397.2000	┬3913632.6000	544109.2100	300.0054	3523.2446	146974.7700	36911.5670
4	17:22:00	┬3574963.6000	┬3883616.7000	543935.9300	335.0067	3470.7226	144537.6900	36680.5500
5	17:22:27	┬3584274.1000	┬3862792.8000	540488.3500	260.0041	3450.7143	146389.6000	35364.8820
x		┬3540536.7000	┬3872886.6000	544078.9300	300.5055	3474.7243	146494.0100	36586.6630
%RSD		┬1.282	┬0.679	0.523	14.980	1.095	1.019	1.945

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:20:37	64.1669	760879.7000	197.5023	282.5048	350.0074	207.5026	560.0188
2	17:21:05	60.8336	762098.9200	215.0028	355.0076	370.0082	197.5023	575.0198
3	17:21:32	62.5002	762599.2300	242.5035	340.0069	342.5070	230.0032	525.0165
4	17:22:00	57.5002	764494.1100	187.5021	397.5095	307.5057	232.5032	525.0165
5	17:22:27	65.8336	767360.4500	242.5035	345.0071	355.0076	270.0044	567.5193
x		62.1669	763486.4800	217.0029	344.0072	345.0072	227.5031	550.5182
%RSD		5.157	0.331	11.647	11.971	6.740	12.311	4.337

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	17:20:37	839754.1200	7.5000	811986.5700	72.5003	1354390.6000	970990.0400	0.0000
2	17:21:05	843600.0000	0.0000	815834.0100	92.5005	1355992.4000	983448.0700	0.0000
3	17:21:32	843577.9200	5.0000	819152.0300	72.5003	1351070.9000	979878.2300	0.0000
4	17:22:00	839960.9900	10.0000	823853.3400	100.0006	1366390.9000	979466.2500	0.0000
5	17:22:27	845465.6100	2.5000	821373.0000	82.5004	1360656.4000	982131.8100	0.0000
x		842471.7300	5.0000	818439.7900	84.0004	1357700.2000	979182.8800	0.0000
%RSD		0.298	79.057	0.569	14.519	0.439	0.497	0.000

MF4T86-3x 09/14/2011 17:23:14

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	17:23:41	393051.6400	5.0000	┬194835920.0000	┬26905110.0000	┬3620308.6000	┬4216935.5000	7380.7671
2	17:24:09	395092.3300	5.0000	┬197988730.0000	┬27260955.0000	┬3677817.8000	┬4201607.2000	7746.0985
3	17:24:36	406288.5300	12.5000	┬198205700.0000	┬27778826.0000	┬3737407.0000	┬4276887.2000	8093.9288
4	17:25:03	403905.9700	6.6667	┬200717940.0000	┬28007085.0000	┬3726903.5000	┬4263165.0000	8276.6081
5	17:25:31	401201.5800	10.0000	┬205348060.0000	┬27967663.0000	┬3829442.5000	┬4350526.1000	8081.4167
x		399908.0100	7.8333	┬199419270.0000	┬27583928.0000	┬3718375.9000	┬4261824.2000	7915.7638
%RSD		1.418	42.286	┬1.964	┬1.747	┬2.085	┬1.375	4.486

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	17:23:41	┬3711802.0000	┬4028817.6000	563031.2100	370.0082	3445.7122	156719.9400	40337.3910
2	17:24:09	┬3677887.9000	┬4015975.9000	565294.4900	312.5059	3625.7886	156233.4300	40143.9600
3	17:24:36	┬3736623.8000	┬4076729.9000	583590.8800	345.0071	3593.2745	162519.4500	39337.6280
4	17:25:03	┬3747170.8000	┬4015488.0000	572430.2500	320.0061	3655.8017	160187.4400	41395.0580
5	17:25:31	┬3698581.8000	┬4055340.1000	579961.4200	310.0058	3558.2595	163067.5000	42568.4470
x		┬3714413.2000	┬4038470.3000	572861.6500	331.5066	3575.7673	159745.5500	40756.4970
%RSD		┬0.756	┬0.664	1.560	7.721	2.273	1.990	3.068

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:23:41	70.0003	772822.2300	10.0000	7.5000	12.5000	0.0000	12.5000
2	17:24:09	70.0003	778125.8400	7.5000	7.5000	7.5000	0.0000	0.0000
3	17:24:36	56.6669	788095.6100	30.0001	12.5000	5.0000	5.0000	7.5000
4	17:25:03	56.6669	781432.3100	15.0000	2.5000	2.5000	5.0000	10.0000
5	17:25:31	48.3335	786250.4200	20.0000	0.0000	7.5000	7.5000	2.5000
x		60.3336	781345.2800	16.5000	6.0000	7.0000	3.5000	6.5000
%RSD		15.675	0.791	54.208	81.223	52.973	95.831	79.756

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	17:23:41	856833.4400	2.5000	827824.4500	140.0012	1335313.0000	963817.1200	0.0000
2	17:24:09	869807.3600	0.0000	837026.6100	195.0023	1342686.4000	963667.4500	0.0000
3	17:24:36	875928.9900	2.5000	840515.4400	162.5016	1353133.9000	970344.7100	0.0000
4	17:25:03	875142.4400	2.5000	837476.0800	160.0015	1339727.0000	965049.5000	0.0000
5	17:25:31	880142.6900	7.5000	844805.9700	202.5025	1346698.1000	968807.8800	0.0000
x		871570.9800	3.0000	837529.7100	172.0018	1343511.7000	966337.3300	0.0000
%RSD		1.035	91.287	0.746	15.154	0.506	0.316	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	17:26:45	384462.9000	13.3333	T183002390.0000	T25790220.0000	T3471561.1000	T4010264.8000	9572.9954
2	17:27:13	380908.4600	5.0000	T178260800.0000	T25828218.0000	T3404484.3000	T3905969.2000	9225.1033
3	17:27:40	379637.3900	10.0000	T179366330.0000	T25898824.0000	T3457903.1000	T3916199.7000	9512.9266
4	17:28:08	378763.0900	10.0000	T180205230.0000	T26077120.0000	T3453708.6000	T3863999.6000	9064.9277
5	17:28:35	381326.9600	8.3333	T181081560.0000	T25610534.0000	T3435994.8000	T3927966.6000	8894.7445
x		381019.7600	9.3333	T180383260.0000	T25840983.0000	T3444730.4000	T3924880.0000	9254.1395
%RSD		0.571	32.439	T0.996	T0.656	T0.750	T1.363	3.125

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	17:26:45	T3553996.9000	T3876122.4000	549986.8600	360.0078	3595.7756	148605.8100	39101.5210
2	17:27:13	T3473876.0000	T3868179.3000	548991.8600	317.5061	3708.3249	151835.7600	38242.5490
3	17:27:40	T3491042.1000	T3932524.4000	550675.1600	317.5061	3830.8803	149980.1100	39119.1030
4	17:28:08	T3455782.4000	T3824755.6000	546448.8600	320.0061	3393.1907	148483.6600	39651.6110
5	17:28:35	T3448654.1000	T3817202.9000	547572.9100	280.0047	3570.7649	148140.1300	36868.8790
x		T3484670.3000	T3863756.9000	548735.1300	319.0061	3619.7873	149409.0900	38596.7330
%RSD		T1.209	T1.199	0.315	8.877	4.513	1.022	2.824

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:26:45	53.3335	754289.0600	210.0027	332.5066	377.5086	212.5027	500.0150
2	17:27:13	55.8335	750525.9900	175.0018	352.5075	340.0069	172.5018	492.5146
3	17:27:40	63.3336	758846.2400	190.0022	370.0082	387.5090	227.5031	510.0156
4	17:28:08	61.6669	745929.5000	207.5026	312.5059	377.5086	242.5035	495.0147
5	17:28:35	52.5002	747899.9100	207.5026	302.5055	367.5081	202.5025	505.0153
x		57.3335	751498.1400	198.0024	334.0067	370.0082	211.5027	500.5150
%RSD		8.562	0.687	7.649	8.328	4.919	12.554	1.430

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	17:26:45	840076.8400	10.0000	804217.1000	70.0003	1309625.0000	938743.8100	0.0000
2	17:27:13	835772.0800	5.0000	806739.2900	67.5003	1314122.4000	944951.3700	0.0000
3	17:27:40	840625.7800	5.0000	813113.9500	47.5001	1318566.7000	950328.0800	0.0000
4	17:28:08	835408.1600	0.0000	806557.9300	70.0003	1318558.0000	951925.9500	0.0000
5	17:28:35	838333.7200	7.5000	803414.9900	52.5002	1317911.7000	951110.2200	0.0000
x		838043.3200	5.5000	806808.6500	61.5002	1315756.7000	947411.8900	0.0000
%RSD		0.286	67.420	0.472	17.390	0.296	0.587	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	17:29:49	399577.0800	9.1667	↑198996850.0000	↑28120299.0000	↑3690089.2000	↑4208066.7000	9317.7063
2	17:30:17	393801.6700	9.1667	↑200580510.0000	↑27702965.0000	↑3732415.2000	↑4251677.5000	9460.3669
3	17:30:44	397567.6500	8.3333	↑199740640.0000	↑28254800.0000	↑3821192.3000	↑4297627.6000	9137.5069
4	17:31:11	398766.2600	10.8333	↑207508040.0000	↑28563835.0000	↑3799700.0000	↑4308277.1000	9638.0703
5	17:31:38	398416.8000	13.3333	↑201043060.0000	↑28186330.0000	↑3760320.5000	↑4265818.6000	9345.2371
x		397625.8900	10.1667	↑201573820.0000	↑28165646.0000	↑3760743.5000	↑4266293.5000	9379.7775
%RSD		0.567	19.569	↑1.691	↑1.099	↑1.392	↑0.934	1.973

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	17:29:49	↑3726185.9000	↑4074875.9000	564507.4800	312.5059	3630.7908	158913.4000	41711.6310
2	17:30:17	↑3742333.7000	↑4011857.9000	567704.0500	357.5077	3490.7310	161354.6400	40520.7770
3	17:30:44	↑3742224.6000	↑4147183.6000	574203.7400	305.0056	3695.8194	163913.8700	40658.9480
4	17:31:11	↑3755008.3000	↑4091874.6000	575470.5500	360.0078	3523.2446	163149.0800	40663.9720
5	17:31:38	↑3755681.2000	↑4088068.9000	581041.6600	355.0076	3630.7908	168830.5800	44950.9090
x		↑3744286.7000	↑4082772.2000	572585.5000	338.0069	3594.2753	163232.3100	41701.2470
%RSD		↑0.322	↑1.184	1.144	7.956	2.359	2.251	4.505

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:29:49	62.5002	764340.9700	47.5001	2.5000	2.5000	0.0000	5.0000
2	17:30:17	61.6669	768966.3400	20.0000	10.0000	15.0000	5.0000	12.5000
3	17:30:44	59.1669	773197.2400	22.5000	5.0000	10.0000	15.0000	17.5000
4	17:31:11	65.0003	777052.2600	32.5001	7.5000	12.5000	2.5000	0.0000
5	17:31:38	59.1669	785077.1700	25.0000	5.0000	10.0000	5.0000	10.0000
x		61.5002	773726.8000	29.5001	6.0000	10.0000	5.5000	9.0000
%RSD		3.997	1.024	37.614	47.507	46.771	103.652	75.051

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	17:29:49	859354.2600	7.5000	815446.1600	187.5021	1316028.5000	946961.4900	0.0000
2	17:30:17	863023.4600	10.0000	821725.3300	207.5026	1309610.4000	951684.3000	0.0000
3	17:30:44	867045.5800	0.0000	827287.3400	180.0019	1312912.0000	955881.3700	0.0000
4	17:31:11	874959.6600	7.5000	831240.7100	192.5022	1320299.0000	950318.3100	0.0000
5	17:31:38	872456.5000	0.0000	839558.2800	237.5034	1323892.9000	961057.8100	0.0000
x		867367.8900	5.0000	827051.5600	201.0025	1316548.6000	953180.6500	0.0000
%RSD		0.744	93.541	1.110	11.318	0.432	0.571	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	17:32:53	378006.5400	6.6667	┬188180030.0000	┬26866942.0000	┬3575625.4000	┬4085544.7000	8982.3383
2	17:33:20	378898.1900	10.8333	┬184452880.0000	┬25924992.0000	┬3521097.4000	┬4004957.5000	8979.8356
3	17:33:47	378593.9900	14.1667	┬188339140.0000	┬26401103.0000	┬3592819.3000	┬4031005.2000	8601.9373
4	17:34:15	382605.2700	6.6667	┬187492030.0000	┬25995870.0000	┬3501685.0000	┬3991654.3000	8684.5229
5	17:34:42	379819.5800	10.8333	┬186796800.0000	┬26004005.0000	┬3533819.4000	┬3985369.3000	9077.4413
x		379584.7100	9.8333	┬187052180.0000	┬26238582.0000	┬3545009.3000	┬4019706.2000	8865.2151
%RSD		0.477	32.492	┬0.843	┬1.517	┬1.074	┬1.014	2.352

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	17:32:53	┬3558379.3000	┬3907055.7000	554491.1400	277.5046	3188.1097	151728.8400	38584.1180
2	17:33:20	┬3515718.5000	┬3915076.8000	549878.8200	315.0060	3613.2832	149987.7400	37034.6110
3	17:33:47	┬3516009.4000	┬3820325.5000	554264.2700	292.5051	3630.7908	148946.8200	37049.6780
4	17:34:15	┬3495897.4000	┬3827000.0000	541553.0000	275.0045	3573.2659	148221.5600	35902.1720
5	17:34:42	┬3531102.6000	┬3818900.8000	551171.4100	320.0061	3538.2510	146384.5100	34704.6140
x		┬3523421.4000	┬3857671.7000	550271.7300	296.0053	3508.7401	149053.8900	36655.0390
%RSD		┬0.658	┬1.268	0.956	7.031	5.210	1.336	3.952

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:32:53	47.5001	749693.3100	195.0023	302.5055	360.0078	232.5032	562.5190
2	17:33:20	49.1668	752934.3800	205.0025	305.0056	365.0080	237.5034	507.5155
3	17:33:47	61.6669	758460.9100	195.0023	287.5050	380.0087	190.0022	490.0144
4	17:34:15	59.1669	764997.2900	202.5025	380.0087	392.5092	195.0023	555.0185
5	17:34:42	57.5002	756632.9200	185.0021	357.5077	385.0089	190.0022	482.5140
x		55.0002	756543.7600	196.5023	326.5065	376.5085	209.0027	519.5163
%RSD		11.439	0.768	3.983	12.235	3.625	11.430	7.133

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	17:32:53	833241.5000	7.5000	800792.1600	150.0014	1316005.2000	943734.3500	0.0000
2	17:33:20	836954.9200	12.5000	808789.4500	132.5011	1322978.3000	955386.6700	0.0000
3	17:33:47	838468.8600	2.5000	812349.5100	162.5016	1331580.5000	961225.6100	0.0000
4	17:34:15	850772.0700	10.0000	814995.0700	110.0007	1342096.8000	970308.3200	0.0000
5	17:34:42	849601.1700	2.5000	823850.5900	127.5010	1353735.9000	977815.7500	2.5000
x		841807.7100	7.0000	812155.3500	136.5011	1333279.3000	961694.1400	0.5000
%RSD		0.938	63.888	1.040	14.913	1.127	1.372	223.607

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	17:35:58	402426.9200	13.3333	↑196912640.0000	↑27114624.0000	↑3687836.0000	↑4156983.9000	7195.6053
2	17:36:25	396037.3000	6.6667	↑194212780.0000	↑27106421.0000	↑3671023.5000	↑4132402.7000	7333.2252
3	17:36:52	401539.8000	8.3333	↑197990300.0000	↑27325189.0000	↑3660173.4000	↑4191586.2000	7335.7274
4	17:37:20	404074.6900	13.3333	↑192981350.0000	↑27335663.0000	↑3669394.2000	↑4198604.4000	7310.7054
5	17:37:47	409495.7700	7.5000	↑192933110.0000	↑27055373.0000	↑3645614.1000	↑4151955.9000	7503.3765
x		402714.9000	9.8333	↑195006040.0000	↑27187454.0000	↑3666808.2000	↑4166306.6000	7335.7279
%RSD		1.203	33.040	↑1.191	↑0.487	↑0.422	↑0.671	1.499

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	17:35:58	↑3679924.5000	↑3946771.2000	564956.4300	312.5059	3375.6836	156758.1500	37170.2130
2	17:36:25	↑3700182.1000	↑3986467.3000	569173.1000	345.0071	3445.7122	156758.1500	36946.7220
3	17:36:52	↑3736369.2000	↑4026495.1000	572717.7800	285.0049	3458.2174	156070.4200	37906.0160
4	17:37:20	↑3707146.7000	↑4039200.2000	579915.9100	277.5046	3608.2810	157356.7700	36703.1500
5	17:37:47	↑3712002.0000	↑3989628.9000	571974.2300	327.5064	3718.3294	158426.7600	38368.1240
x		↑3707124.9000	↑3997712.6000	571747.4900	309.5058	3521.2447	157074.0500	37418.8450
%RSD		↑0.551	↑0.914	0.960	9.164	3.947	0.562	1.859

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:35:58	68.3336	791545.7500	20.0000	2.5000	12.5000	0.0000	7.5000
2	17:36:25	54.1668	798537.9700	20.0000	10.0000	12.5000	0.0000	17.5000
3	17:36:52	57.5002	801775.2800	20.0000	5.0000	10.0000	2.5000	0.0000
4	17:37:20	65.0003	800083.7100	15.0000	2.5000	7.5000	2.5000	10.0000
5	17:37:47	62.5002	802755.7700	10.0000	0.0000	12.5000	2.5000	5.0000
x		61.5002	798939.7000	17.0000	4.0000	11.0000	1.5000	8.0000
%RSD		9.260	0.555	26.307	94.786	20.328	91.287	80.889

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	17:35:58	878912.4500	2.5000	849642.5900	90.0005	1383150.3000	999014.1200	0.0000
2	17:36:25	893953.2100	5.0000	859412.3100	80.0004	1398745.2000	1006229.8000	0.0000
3	17:36:52	892809.8300	0.0000	863048.3500	132.5011	1409975.4000	1015596.7000	0.0000
4	17:37:20	895063.4300	2.5000	861969.8200	120.0009	1410760.6000	1014834.2000	2.5000
5	17:37:47	901961.0500	7.5000	875535.7100	95.0005	1413278.6000	1026840.0000	0.0000
x		892539.9900	3.5000	861921.7600	103.5007	1403182.0000	1012503.0000	0.5000
%RSD		0.942	81.441	1.075	21.168	0.892	1.038	223.607

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	17:39:02	381025.2900	5.0000	┬172767940.0000	┬13820315.0000	┬1803481.3000	┬2064717.4000	14274.7160
2	17:39:29	377211.7100	10.8333	┬169256320.0000	┬13634901.0000	┬1862238.5000	┬2083327.9000	14432.4870
3	17:39:57	371724.8800	6.6667	┬170751140.0000	┬13530466.0000	┬1807571.8000	┬2066358.5000	14222.1260
4	17:40:23	371816.3300	14.1667	┬171017910.0000	┬13518941.0000	┬1857212.0000	┬2120618.7000	14412.4520
5	17:40:50	377946.4000	7.5000	┬167041120.0000	┬13453148.0000	┬1832322.6000	┬2078718.9000	13846.4940
x		375944.9200	8.8333	┬170166890.0000	┬13591554.0000	┬1832565.2000	┬2082748.3000	14237.6550
%RSD		1.083	41.445	┬1.261	┬1.056	┬1.484	┬1.085	1.659

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	17:39:02	┬2471273.5000	┬2287538.7000	546627.5200	300.0054	3350.6735	137525.5100	22322.3570
2	17:39:29	┬2482802.5000	┬2329303.5000	550277.6400	302.5055	3430.7060	137990.6000	22109.2900
3	17:39:57	┬2451234.2000	┬2297765.2000	544967.6800	292.5051	3405.6958	138049.0600	20304.7070
4	17:40:23	┬2482657.0000	┬2361134.5000	546010.2100	272.5045	3540.7521	134125.7700	20655.5670
5	17:40:50	┬2446269.9000	┬2299892.5000	537943.8700	225.0030	3373.1826	137484.8500	22116.8100
x		┬2466847.4000	┬2315126.9000	545165.3800	278.5047	3420.2020	137035.1600	21501.7460
%RSD		┬0.700	┬1.298	0.826	11.541	2.163	1.202	4.394

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:39:02	65.8336	772501.9800	222.5030	322.5062	360.0078	257.5040	552.5183
2	17:39:29	51.6668	771757.5200	220.0029	342.5070	417.5105	222.5030	605.0220
3	17:39:57	68.3336	764417.5400	232.5032	452.5123	455.0124	257.5040	602.5218
4	17:40:23	54.1668	762126.2600	225.0030	362.5079	455.0124	225.0030	502.5152
5	17:40:50	59.1669	763476.8900	210.0027	430.0111	417.5105	230.0032	625.0234
x		59.8336	766856.0400	222.0030	382.0089	421.0107	238.5034	577.5201
%RSD		12.038	0.638	3.684	14.783	9.244	7.360	8.609

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	17:39:02	862235.2900	2.5000	833009.9800	397.5095	1372972.6000	1004057.2000	0.0000
2	17:39:29	860476.7000	7.5000	832290.6600	377.5086	1367099.2000	997654.8200	0.0000
3	17:39:57	857988.7300	10.0000	824351.7000	352.5075	1355732.3000	993470.1100	0.0000
4	17:40:23	851142.1600	7.5000	817693.7000	410.0101	1350843.0000	993543.0900	0.0000
5	17:40:50	849736.4800	2.5000	815974.2900	330.0065	1347419.4000	986595.8200	0.0000
x		856315.8700	6.0000	824664.0700	373.5084	1358813.3000	995064.2000	0.0000
%RSD		0.653	55.902	0.963	8.735	0.799	0.644	0.000

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	17:42:06	362588.6100	12.5000	┬176309460.0000	┬23673214.0000	┬3263883.1000	┬3734459.3000	25105.2600
2	17:42:33	366915.2800	7.5000	┬176593100.0000	┬24211728.0000	┬3238265.6000	┬3741442.6000	25519.0130
3	17:43:01	370956.7700	9.1667	┬178189860.0000	┬24694109.0000	┬3333629.1000	┬3776848.0000	25448.7990
4	17:43:28	377772.0900	10.8333	┬180921920.0000	┬24575505.0000	┬3277818.4000	┬3703697.9000	25391.1240
5	17:43:55	369020.2400	9.1667	┬178155090.0000	┬23681790.0000	┬3188348.0000	┬3681595.8000	24516.0090
x		369450.6000	9.8333	┬178033890.0000	┬24167269.0000	┬3260388.8000	┬3727608.7000	25196.0410
%RSD		1.514	19.325	┬1.029	┬1.991	┬1.634	┬0.981	1.633

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	17:42:06	┬3076926.5000	┬3236653.0000	536576.0200	337.5068	3680.8127	146404.8600	30764.1810
2	17:42:33	┬3049922.5000	┬3149942.3000	526725.1500	345.0071	3683.3138	147206.3000	30182.0590
3	17:43:01	┬3056141.6000	┬3167741.1000	529165.1800	372.5083	3685.8149	149827.3900	31205.8190
4	17:43:28	┬3115532.2000	┬3178982.4000	528660.8900	380.0087	3755.8462	146387.0600	32214.6470
5	17:43:55	┬3082327.3000	┬3186047.3000	530228.4300	297.5053	3698.3205	148773.7700	30377.7680
x		┬3076170.0000	┬3183873.2000	530271.1300	346.5073	3700.8216	147719.8800	30948.8950
%RSD		┬0.841	┬1.021	0.707	9.443	0.851	1.033	2.613

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:42:06	57.5002	731555.2100	230.0032	412.5102	440.0116	257.5040	647.5252
2	17:42:33	51.6668	732868.4200	272.5045	437.5115	365.0080	255.0039	682.5280
3	17:43:01	60.0002	730443.7800	250.0038	477.5137	440.0116	232.5032	612.5225
4	17:43:28	45.8335	737872.4000	225.0030	445.0119	472.5134	235.0033	675.0273
5	17:43:55	42.5001	735999.6600	287.5050	392.5092	452.5123	275.0045	585.0205
x		51.5002	733747.8900	253.0039	433.0113	434.0114	251.0038	640.5247
%RSD		14.446	0.423	10.629	7.488	9.400	6.994	6.469

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	17:42:06	815388.4000	7.5000	786250.4200	47.5001	1287232.6000	935390.0100	0.0000
2	17:42:33	817195.7300	7.5000	788090.1200	35.0001	1288625.3000	938478.8100	0.0000
3	17:43:01	816142.0900	12.5000	786620.5300	40.0001	1288958.9000	939384.0400	0.0000
4	17:43:28	823834.0700	7.5000	785899.5300	47.5001	1296120.2000	939517.9500	0.0000
5	17:43:55	815424.1600	5.0000	793156.1000	40.0001	1302435.6000	946344.4500	0.0000
x		817596.8900	8.0000	788003.3400	42.0001	1292674.5000	939823.0500	0.0000
%RSD		0.436	34.233	0.381	12.904	0.500	0.427	0.000

MF4TA2-3x 09/14/2011 17:44:44

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	17:45:11	365946.5500	14.1667	┬176649460.0000	┬24351008.0000	┬3305619.7000	┬3812846.9000	16125.5870
2	17:45:39	372072.3900	8.3333	┬176630720.0000	┬24467104.0000	┬3243049.4000	┬3737881.2000	15970.2880
3	17:46:06	365867.3500	7.5000	┬176907500.0000	┬24405141.0000	┬3237711.0000	┬3711554.1000	15870.0970
4	17:46:32	374008.7400	3.3333	┬180299120.0000	┬24487272.0000	┬3256742.1000	┬3667978.3000	15339.1040
5	17:47:00	367549.8400	8.3333	┬174487020.0000	┬24198237.0000	┬3237676.3000	┬3698041.4000	15642.1670
x		369088.9700	8.3333	┬176994760.0000	┬24381752.0000	┬3256159.7000	┬3725660.4000	15789.4490
%RSD		1.011	46.368	┬1.181	┬0.475	┬0.882	┬1.473	1.944

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	17:45:11	┬3132716.6000	┬3221723.0000	526566.8500	310.0058	3533.2489	143250.7500	33103.1190
2	17:45:39	┬3117077.9000	┬3193658.7000	528925.6700	285.0049	3378.1846	143395.7200	30791.7830
3	17:46:06	┬3106130.8000	┬3240849.0000	530123.2900	242.5035	3443.2112	139469.9300	31065.2950
4	17:46:32	┬3075762.7000	┬3186906.0000	528664.8800	310.0058	3203.1155	141015.6100	30766.6910
5	17:47:00	┬3032119.9000	┬3143989.8000	527761.4800	332.5066	3510.7394	139426.7100	31286.1190
x		┬3092761.6000	┬3197425.3000	528408.4300	296.0053	3413.6999	141311.7400	31402.6010
%RSD		┬1.287	┬1.155	0.252	11.590	3.880	1.377	3.102

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:45:11	46.6668	726917.0000	80.0004	107.5007	105.0007	57.5002	130.0010
2	17:45:39	50.8335	744704.3600	67.5003	92.5005	85.0004	50.0001	110.0007
3	17:46:06	51.6668	737553.4300	60.0002	87.5005	102.5006	60.0002	192.5022
4	17:46:32	57.5002	744357.8600	72.5003	72.5003	90.0005	90.0005	155.0014
5	17:47:00	62.5002	747793.4600	77.5004	80.0004	135.0011	65.0003	162.5016
x		53.8335	740265.2200	71.5003	88.0005	103.5007	64.5003	150.0014
%RSD		11.511	1.128	11.222	15.086	18.835	23.640	21.049

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	17:45:11	815957.7900	10.0000	786417.6500	972.5568	1292145.5000	937481.6300	0.0000
2	17:45:39	825221.8200	7.5000	785611.6900	942.5533	1302505.3000	947663.7500	0.0000
3	17:46:06	819817.9900	17.5000	798653.2800	932.5522	1309433.0000	951456.6200	0.0000
4	17:46:32	824750.9500	0.0000	794415.5100	1077.5697	1313761.6000	963105.1800	0.0000
5	17:47:00	825577.0500	5.0000	797006.2300	980.0576	1334630.6000	966686.4300	0.0000
x		822265.1200	8.0000	792420.8700	981.0579	1310495.2000	953278.7200	0.0000
%RSD		0.515	80.889	0.763	5.861	1.203	1.242	0.000

MF4TB4-3x 09/14/2011 17:47:47

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	17:48:14	372206.5200	6.6667	┬164863760.0000	┬13194416.0000	┬1792908.5000	┬2027985.2000	7015.4518
2	17:48:42	364714.2500	6.6667	┬161844170.0000	┬12897889.0000	┬1748502.6000	┬2003788.1000	7163.0773
3	17:49:10	367354.8600	8.3333	┬157848240.0000	┬12588821.0000	┬1744724.1000	┬2018418.1000	7455.8339
4	17:49:37	364373.1400	12.5000	┬161879910.0000	┬13041306.0000	┬1782405.0000	┬2030010.4000	7440.8205
5	17:50:04	364527.1600	6.6667	┬162184710.0000	┬13072558.0000	┬1779389.1000	┬2037063.5000	7533.4036
x		366635.1800	8.1667	┬161724160.0000	┬12958998.0000	┬1769585.9000	┬2023453.1000	7321.7174
%RSD		0.913	30.951	┬1.550	┬1.793	┬1.221	┬0.635	3.023

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	17:48:14	┬2353074.3000	┬2225867.3000	528925.6700	272.5045	3163.1002	135324.9200	21640.5620
2	17:48:42	┬2393480.3000	┬2272159.9000	528792.6100	232.5032	2920.5117	131781.3000	20462.5920
3	17:49:10	┬2411355.6000	┬2211113.1000	529775.9700	265.0042	3113.0814	128213.8000	20708.1980
4	17:49:37	┬2378896.3000	┬2222744.7000	528140.6600	235.0033	3153.0964	127754.3200	21164.3420
5	17:50:04	┬2388843.2000	┬2231351.4000	533083.4700	277.5046	2993.0374	128546.3600	21144.2910
x		┬2385129.9000	┬2232647.3000	529743.6800	256.5040	3068.5654	130324.1400	21023.9970
%RSD		┬0.899	┬1.043	0.369	8.288	3.483	2.467	2.166

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:48:14	54.1668	752811.4900	237.5034	357.5077	415.0103	197.5023	555.0185
2	17:48:42	49.1668	749786.1300	192.5022	375.0084	395.0094	215.0028	617.5229
3	17:49:10	60.0002	747888.9900	230.0032	360.0078	370.0082	232.5032	627.5236
4	17:49:37	55.0002	752508.3600	225.0030	427.5110	367.5081	257.5040	635.0242
5	17:50:04	55.0002	748901.6600	267.5043	382.5088	415.0103	250.0038	612.5225
x		54.6668	750379.3300	230.5032	380.5087	392.5093	230.5032	609.5223
%RSD		7.035	0.292	11.667	7.425	5.907	10.721	5.200

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	17:48:14	830868.7200	2.5000	810353.5000	77.5004	1341656.1000	984806.5800	0.0000
2	17:48:42	835427.4600	5.0000	816736.3000	60.0002	1341542.2000	990505.0900	2.5000
3	17:49:10	838027.6100	2.5000	814535.7500	85.0004	1344035.1000	989910.2500	0.0000
4	17:49:37	843600.0000	10.0000	813518.1900	97.5006	1355738.1000	998740.2800	0.0000
5	17:50:04	840625.7800	5.0000	817561.6400	77.5004	1349563.4000	998928.4600	0.0000
x		837709.9100	5.0000	814541.0800	79.5004	1346507.0000	992578.1300	0.5000
%RSD		0.583	61.237	0.350	17.138	0.453	0.617	223.607

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	17:51:19	343307.2000	┬1787666.1000	┬99250007.0000	┬60082394.0000	┬8018049.2000	┬9129896.6000	┬129349730.0000
2	17:51:47	348362.3000	┬1860059.5000	┬100447050.0000	┬61136744.0000	┬8218378.2000	┬9328362.0000	┬131293110.0000
3	17:52:14	346357.9600	┬1871821.6000	┬100934600.0000	┬61120203.0000	┬8146517.7000	┬9200427.9000	┬131418590.0000
4	17:52:41	353799.3200	┬1909132.1000	┬103336000.0000	┬61947718.0000	┬8211375.9000	┬9473649.5000	┬134270480.0000
5	17:53:09	353947.9400	┬1889159.7000	┬103548380.0000	┬63375269.0000	┬8510673.5000	┬9626129.9000	┬135414400.0000
x		349154.9400	┬1863567.8000	┬101503210.0000	┬61532466.0000	┬8220998.9000	┬9351693.2000	┬132349260.0000
%RSD		1.337	┬2.484	┬1.847	┬1.990	┬2.199	┬2.157	┬1.853

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	17:51:19	┬54935447.0000	┬2122040.9000	490871.1500	120.0009	┬6247756.2000	┬103476170.0000	┬2572751.9000
2	17:51:47	┬56162774.0000	┬2162302.9000	504988.3200	80.0004	┬6311459.0000	┬103463510.0000	┬2584907.6000
3	17:52:14	┬56384225.0000	┬2134960.7000	511896.2700	92.5005	┬6499656.0000	┬106023640.0000	┬2583847.9000
4	17:52:41	┬56968238.0000	┬2200008.3000	515511.7400	95.0005	┬6458732.0000	┬105159430.0000	┬2609946.3000
5	17:53:09	┬57822964.0000	┬2242436.6000	519459.6900	105.0007	┬6575927.2000	┬106746700.0000	┬2656553.6000
x		┬56454729.0000	┬2172349.9000	508545.4400	98.5006	┬6418706.1000	┬104973890.0000	┬2601601.4000
%RSD		┬1.886	┬2.268	2.207	15.186	┬2.113	┬1.413	┬1.291

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:51:19	81.6671	677071.8000	137.5011	197.5023	247.5037	142.5012	280.0047
2	17:51:47	65.8336	685769.1300	152.5014	212.5027	267.5043	125.0009	322.5062
3	17:52:14	72.5003	690667.4200	130.0010	177.5019	265.0042	105.0007	310.0058
4	17:52:41	78.3337	689113.8700	142.5012	220.0029	265.0042	135.0011	307.5057
5	17:53:09	70.0003	699714.9600	162.5016	200.0024	275.0045	92.5005	307.5057
x		73.6670	688467.4400	145.0013	201.5025	264.0042	120.0009	305.5056
%RSD		8.637	1.191	8.791	8.069	3.823	17.368	5.091

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	17:51:19	785025.0900	84142.6650	752309.0100	235.0033	1198373.5000	892793.1800	2.5000
2	17:51:47	785277.2700	84844.7300	757070.0700	225.0030	1187143.6000	891351.6800	2.5000
3	17:52:14	791855.7300	85271.5540	758146.6600	247.5037	1189961.2000	888699.6000	2.5000
4	17:52:41	797074.8500	86021.7040	762659.3800	217.5028	1191097.7000	892270.1000	7.5000
5	17:53:09	803788.5700	85122.5420	766569.9200	267.5043	1185127.0000	880879.8100	0.0000
x		792604.3000	85080.6390	759351.0100	238.5034	1190340.6000	889198.8700	3.0000
%RSD		1.011	0.801	0.719	8.274	0.426	0.552	91.287

CCB3 09/14/2011 17:53:59

User Pre-dilution: 1.00

Run	Time	6Li	9Be	23Na	24Mg	25Mg	26Mg	27Al
1	17:54:26	390598.5800	182.5020	34649.3850	4866.4205	590.0209	735.0324	14760.5610
2	17:54:54	389479.6600	185.8354	35364.8820	6042.1897	905.0491	785.0370	17420.6900
3	17:55:20	391093.5000	213.3361	35171.5660	6267.3559	855.0439	905.0491	18498.0080
4	17:55:48	397565.0300	197.5023	34405.8800	5827.0365	830.0413	870.0454	17791.4720
5	17:56:15	400951.6400	193.3356	33542.3700	5566.8588	805.0389	840.0423	16556.4310
x		393937.6800	194.5023	34626.8160	5713.9723	797.0388	827.0413	17005.4320
%RSD		1.279	6.213	2.076	9.452	15.243	8.186	8.450

Run	Time	39K	44Ca	45Sc	47Ti	54Fe	56Fe	57Fe
1	17:54:26	86377.8600	465.0130	566491.8300	37.5001	3598.2767	133259.5300	1010.0612
2	17:54:54	86393.0160	475.0135	575239.1200	20.0000	3715.8283	137609.3800	1250.0938
3	17:55:20	86630.4620	500.0150	587724.2400	17.5000	3650.7995	142014.8700	1177.5832
4	17:55:48	88396.3620	460.0127	588048.4600	30.0001	3960.9411	145590.7900	1190.0850
5	17:56:15	88110.8620	442.5118	597726.9700	32.5001	3738.3383	144135.8200	1155.0800
x		87181.7120	468.5132	583046.1200	27.5000	3732.8368	140522.0800	1156.5806
%RSD		1.134	4.522	2.096	30.829	3.721	3.597	7.707

Run	Time	83Kr	89Y	94Mo	95Mo	96Mo	97Mo	98Mo
1	17:54:26	55.0002	771653.5200	10.0000	0.0000	10.0000	7.5000	12.5000
2	17:54:54	56.6669	780024.1000	12.5000	5.0000	12.5000	10.0000	20.0000
3	17:55:20	58.3335	793057.3300	7.5000	15.0000	12.5000	5.0000	12.5000
4	17:55:48	56.6669	788885.3400	25.0000	10.0000	2.5000	10.0000	12.5000
5	17:56:15	60.8336	798161.8800	22.5000	17.5000	10.0000	2.5000	17.5000
x		57.5002	786356.4300	15.5000	9.5000	9.5000	7.0000	15.0000
%RSD		3.834	1.344	50.234	75.357	43.241	46.566	23.570

Run	Time	103Rh	108Mo O	115In	118Sn	159Tb	209Bi	220Bkg
1	17:54:26	881359.2500	7.5000	833652.1900	7.5000	1291123.8000	993684.8400	0.0000
2	17:54:54	901138.8300	10.0000	836717.7900	17.5000	1300883.9000	997201.3000	0.0000
3	17:55:20	903597.3900	7.5000	841886.5200	12.5000	1311565.0000	997498.9700	0.0000
4	17:55:48	915933.9300	7.5000	849504.5300	2.5000	1316965.7000	1004980.4000	0.0000
5	17:56:15	911680.7700	10.0000	848781.0800	5.0000	1323624.9000	1008103.5000	0.0000
x		902742.0300	8.5000	842108.4200	9.0000	1308832.7000	1000293.8000	0.0000
%RSD		1.480	16.109	0.839	66.898	0.988	0.600	0.000

Physical Description Log

CASE: 41679 **SDG:** MF4T31 **DCL ID:** 1123732

DCL Sample #	Matrix	Method **	Prep Date	Amount of Sample	Final Volume of	pH	*Color/Clarity, Texture		Comments	Init.
							Before	After		
PBW	ASTM Type II H_2O	ISM01.2 200.8	09/07/2011 16:50	50mL	50mL	NA	N/CL	N/CL	NA	KFB
LCS	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4T31	Water	↓	↓	↓	↓	<2	↓	↓	↓	↓
MF4T32	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4T65	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4T66	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4T66S	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4T66D	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4T67	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4T68	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4T73	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4T74	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4T83	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4T84	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4T85	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4T86	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4T87	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4T88	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4T89	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4T90	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4T98	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4TA1	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4TA2	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MF4TB4	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓

COLOR	N = Colorless		BR = Brown	T = Tan	TEXTURE	F = Fine	CLARITY	
BL = Black	GR = Gray		GN = Green			M = Medium	CL = Clear	
Y = Yellow	R = Red		O = Orange			C = Coarse	CO = Cloudy	

https://www.campusship.ups.com/cship/create?ActionOriginPair=default___PrintWindow... 8/24/2011

FOR UPS SHIPPING ONLY

ELLEN CLIFTON
432.681.2801
MIDLAND 66V074
2001 WESTAR ROAD
MIDLAND TX 79706

120 LBS

AH

3 OF 3

SHIP TO:
MEREDITH EDWARDS
801-266-7700
DATAC
960 WEST LEVOY DRIVE
SALT LAKE CITY UT 84123-2502

08/25/11

H

UT 841 9-44

UPS NEXT DAY AIR

TRACKING #: 1Z 66V 074 01 9583 1679

1

BILLING: P/P

Reference: 00501.141059.4701.02
Senders Name: Micah Beard

CS 13.6.07. WXPIE70 18.0A 07/2011

https://www.campusship.ups.com/cship/create?ActionOriginPair=default_PrintWindow... 8/24/2011

FOR UPS SHIPPING ONLY

ELLEN CLIFTON
432.681.2801
MIDLAND 66V074
2001 WESTAR ROAD
MIDLAND TX 79706

120 LBS

AH

2 OF 3

SHIP TO:
MEREDITH EDWARDS
801-266-7700
DATAC
960 WEST LEVOY DRIVE
SALT LAKE CITY UT 84123-2502

ah 08/25/11 10084

H

UT 841 9-44

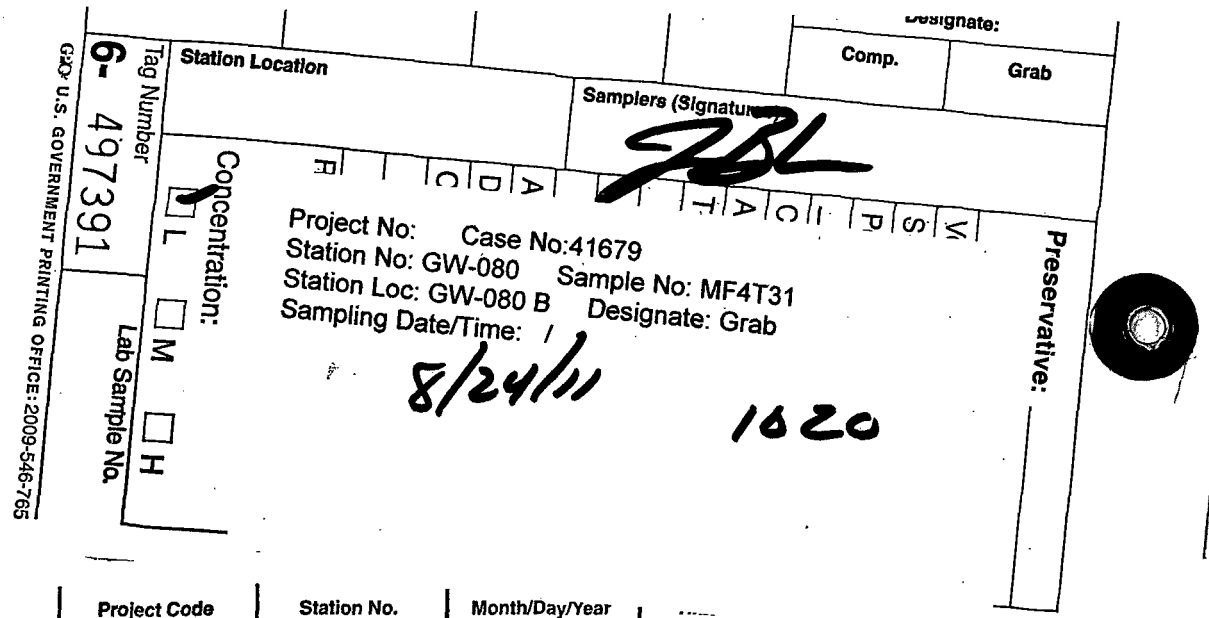
UPS NEXT DAY AIR **1**

TRACKING #: 1Z 66V 074 01 9636 6064

BILLING: P/P

Reference: 00501.141059:4701.02
Senders Name: Micah Beard

CS 13.6.07. WXPIE70 18.0A 07/2011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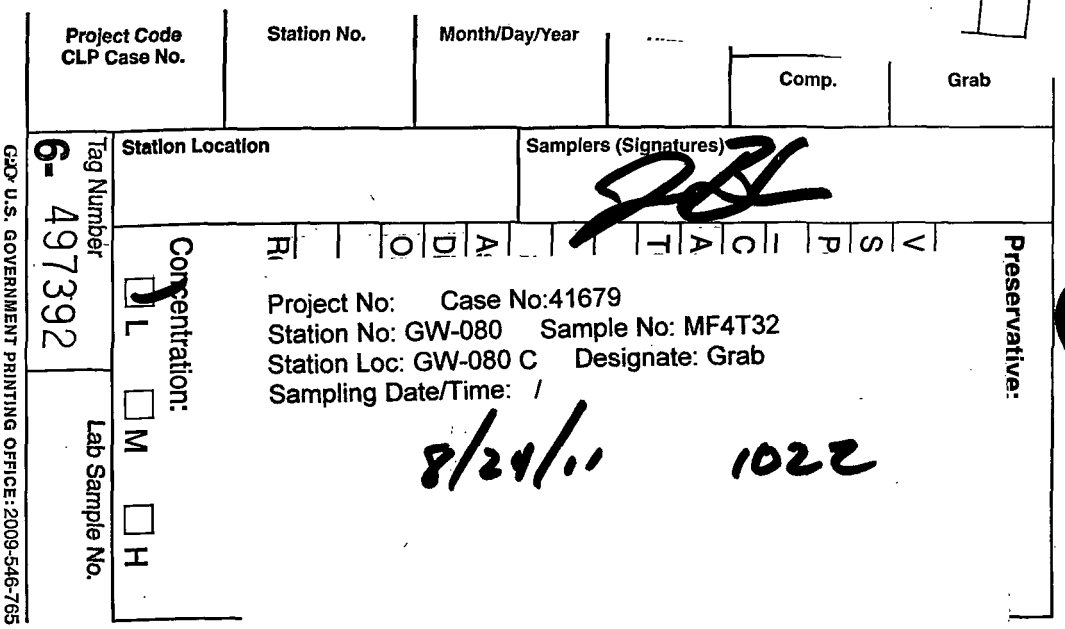
Comp.
Grab
Station Location
Samplers (Signatures)
Tag Number
6- 497391
GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765
Concentration:
L M H
Lab Sample No.
Preservative:
Project No: Case No:41679
Station No: GW-080 Sample No: MF4T31
Station Loc: GW-080 B Designate: Grab
Sampling Date/Time: /
8/24/11 1020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CLP Case No.
Station No.
Month/Day/Year
Comp.
Grab
Station Location
Samplers (Signatures)
Tag Number
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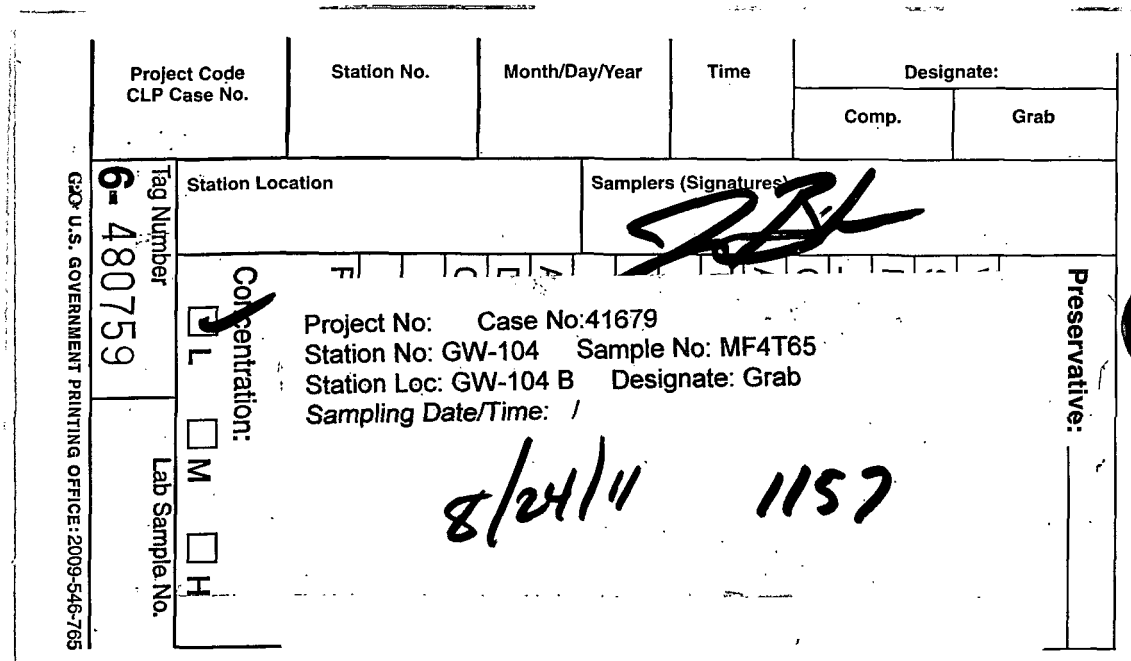
Concentration:
L M H
Lab Sample No.
Preservative:
Project No: Case No:41679
Station No: GW-080 Sample No: MF4T32
Station Loc: GW-080 C Designate: Grab
Sampling Date/Time: /
8/24/11 1022


Project Code
CLP Case No.
Station No.
Month/Day/Year
Time
Designate:
Comp.
Grab
Station Location
Samplers (Signatures)
Tag Number
6- 480759
GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765
Concentration:
L M H
Lab Sample No.
Preservative:
Project No: Case No:41679
Station No: GW-104 Sample No: MF4T65
Station Loc: GW-104 B Designate: Grab
Sampling Date/Time: /
8/24/11 1157

Project Code
CLP Case No.

Station No.

Month/Day/Year

Time

Designate:
Comp. Grab

Tag Number
6- 480760

Station Location

Samplers (Signature)

Concentration:
☑ L ☐ M ☐ H

Lab Sample No.

Project No: Case No:41679
Station No: GW-104 Sample No: MF4T66
Station Loc: GW-104 C Designate: Grab
Sampling Date/Time: /

8/24/11 1200

Preservative:
Yes ☐ No ☐

GPO U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code
CLP Case No.

Station No.

Month/Day/Year

Time

Designate:
Comp. Grab

Tag Number
6- 480761

Station Location

Samplers (Signatures)

Concentration:
☑ L ☐ M ☐ H

Lab Sample No.

Project No: Case No:41679
Station No: GW-104 Sample No: MF4T66
Station Loc: GW-104 C Designate: Grab
Sampling Date/Time: /

8/24/11 1200

Preservative:

GPO U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code
CLP Case No.

Station No.

Month/Day/Year

Time

Designate:
Comp. Grab

Tag Number
6- 480762

Station Location

Samplers (Signatures)

Concentration:
☑ L ☐ M ☐ H

Lab Sample No.

Project No: Case No:41679
Station No: GW-104 Sample No: MF4T66
Station Loc: GW-104 C Designate: Grab
Sampling Date/Time: /

8/24/11 1200

Preservative:
Yes ☐ No ☐

GPO U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. / Grab

Tag Number 6- 480763 | Station Location | Samplers (Signatures)

Concentration: ☑ L ☐ M ☐ H | Lab Sample No.

Project No: Case No:41679
Station No: GW-176 Sample No: MF4T85
Station Loc: GW-176 C Designate: Grab
Sampling Date/Time: /
8/24/11 1330

Preservative: Yes ☐ No ☐

GPO U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. / Grab

Tag Number 6- 480764 | Station Location | Samplers (Signatures)

Concentration: ☑ L ☐ M ☐ H | Lab Sample No.

Project No: Case No:41679
Station No: GW-176 Sample No: MF4T86
Station Loc: GW-176 D Designate: Grab
Sampling Date/Time: /
8/24/11 1332

Preservative:

GPO U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. / Grab

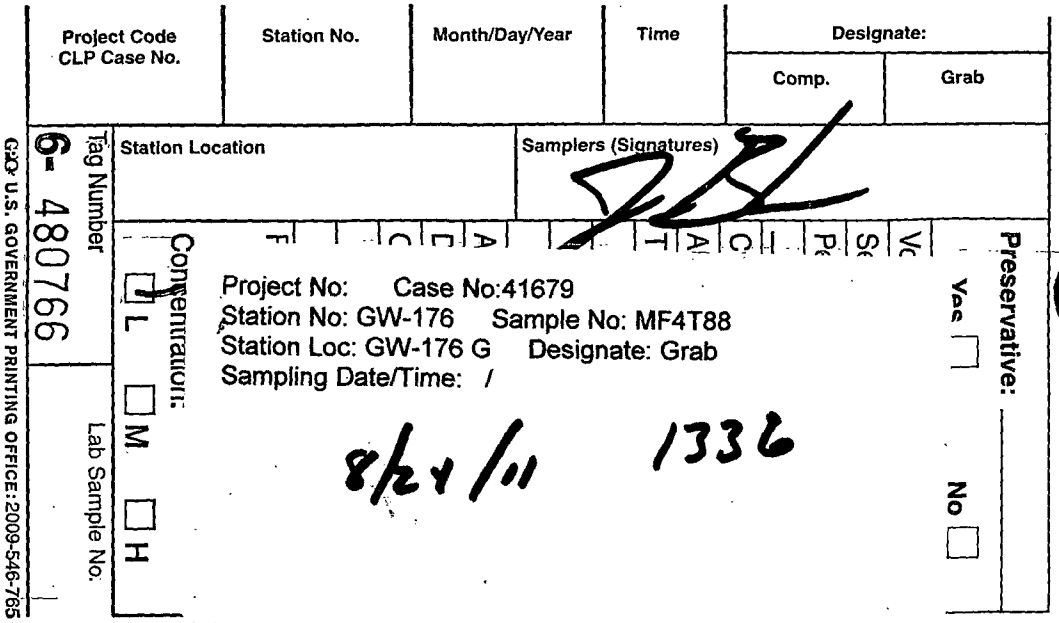
Tag Number 6- 480765 | Station Location | Samplers (Signatures)

Concentration: ☑ L ☐ M ☐ H | Lab Sample No.

Project No: Case No:41679
Station No: GW-176 Sample No: MF4T87
Station Loc: GW-176 F Designate: Grab
Sampling Date/Time: /
8/24/11 1334

Preservative:

GPO U.S. GOVERNMENT PRINTING OFFICE:2009-546-765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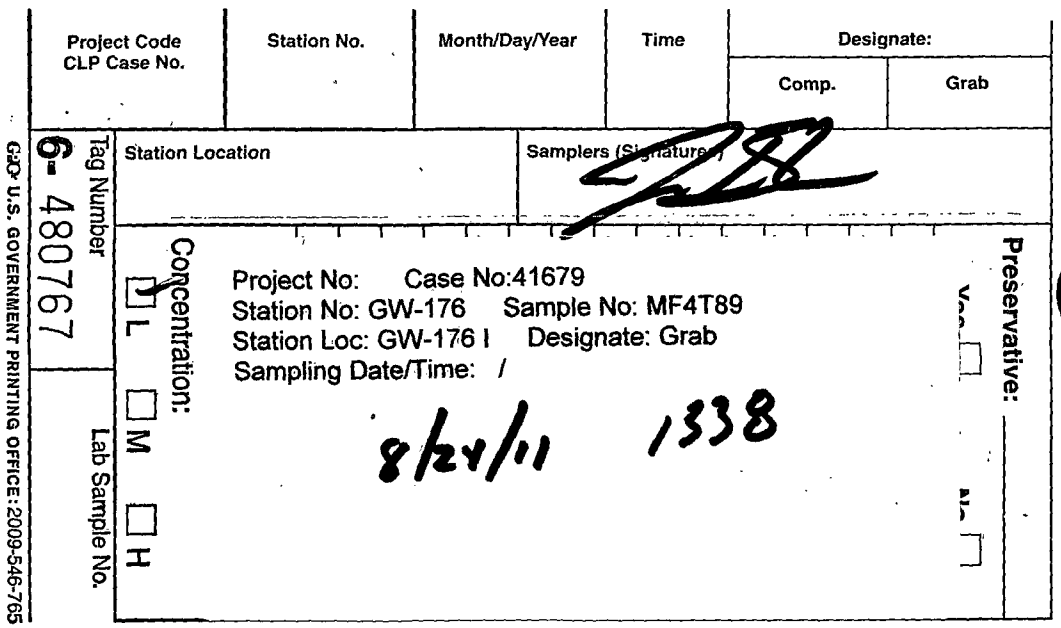
Station No.
Month/Day/Year
Time
Designate:
Comp.
Grab
Station Location
Samplers (Signatures)
Tag Number
6- 480766
Concentration:
L
M
H
Lab Sample No.
Preservative:
Yes
No
Project No: Case No:41679
Station No: GW-176 Sample No: MF4T88
Station Loc: GW-176 G Designate: Grab
Sampling Date/Time: /
8/24/11 1336
GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765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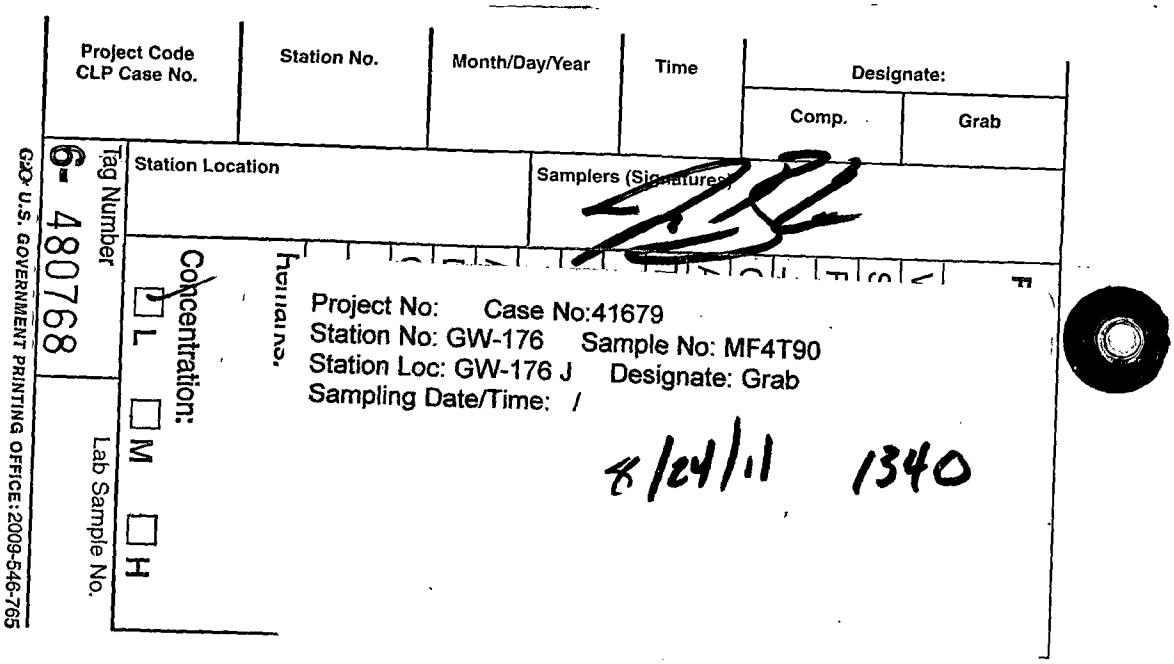
Station No.
Month/Day/Year
Time
Designate:
Comp.
Grab
Station Location
Samplers (Signatures)
Tag Number
6- 480767
Concentration:
L
M
H
Lab Sample No.
Preservative:
Project No: Case No:41679
Station No: GW-176 Sample No: MF4T89
Station Loc: GW-176 I Designate: Grab
Sampling Date/Time: /
8/24/11 1338
GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765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CLP Case No.
Station No.
Month/Day/Year
Time
Designate:
Comp.
Grab
Station Location
Samplers (Signatures)
Tag Number
6- 480768
Concentration:
L
M
H
Lab Sample No.
Project No: Case No:41679
Station No: GW-176 Sample No: MF4T90
Station Loc: GW-176 J Designate: Grab
Sampling Date/Time: /
8/24/11 1340
GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Grab

Tag Number 6- 497405

Station Location

Samplers (Signatures) Cory Krause

Concentration: ☑ L ☐ M ☐ H

Project No: Case No:41679
Station No: GW-259 Sample No: MF4T98
Station Loc: GW-259 C Designate: Grab
Sampling Date/Time: / 8/24/11 12:34

Preservative:

Lab Sample No.

G:O: U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Grab

Tag Number 6- 497406

Station Location

Samplers (Signatures) Cory Krause

Concentration: ☑ L ☐ M ☐ H

Project No: Case No:41679
Station No: DUP-8 Sample No: MF4TB4
Station Loc: DUP-8 Designate: Grab
Sampling Date/Time: / 8/24/11 12:40

[redacted]

Preservative:

Lab Sample No.

G:O: U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Grab

Tag Number 6- 497409

Station Location

Samplers (Signatures) Cory Krause

Concentration: ☑ L ☐ M ☐ H

Project No: Case No:41679
Station No: GW-105 Sample No: MF4T67
Station Loc: GW-105 B Designate: Grab
Sampling Date/Time: / 8/24/11 15:12

Preservative:

Lab Sample No.

G:O: U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. / Grab

Tag Number 6- 497410 | Station Location | Samplers (Signatures) Cory Krause

Concentration: ☑ L ☐ M ☐ H | Lab Sample No.

Project No: Case No:41679
Station No: GW-105 Sample No: MF4T68
Station Loc: GW-105 C Designate: Grab
Sampling Date/Time: 8/24/11 15:14

Preservative:

GPO U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. / Grab

Tag Number 6- 497407 | Station Location | Samplers (Signatures) Cory Krause

Concentration: ☑ L ☐ M ☐ H | Lab Sample No.

Project No: Case No:41679
Station No: GW-126 Sample No: MF4T73
Station Loc: GW-126 B Designate: Grab
Sampling Date/Time: 8/24/11 14:00

Preservative:

GPO U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. / Grab

Tag Number 6- 497408 | Station Location | Samplers (Signatures) Cory Krause

Concentration: ☑ L ☐ M ☐ H | Lab Sample No.

Project No: Case No:41679
Station No: GW-126 Sample No: MF4T74
Station Loc: GW-126 C Designate: Grab
Sampling Date/Time: 8/24/11 14:02

GPO U.S. GOVERNMENT PRINTING OFFICE:2009-546-765

CLP Case No. | Comp. | Grab

Tag Number 6- 497397 | Station Location | Samplers (Signatures)

Concentration: ☑ L ☐ M ☐ H | Lab Sample No.

Project No: Case No:41679
Station No: GW-151 Sample No: MF4T83
Station Loc: GW-151 B Designate: Grab
Sampling Date/Time: /

8/24/11 1510

Preservative: Yes ☐ No ☐

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab

Tag Number 6- 497398 | Station Location | Samplers (Signatures)

Concentration: ☑ L ☐ M ☐ H | Lab Sample No.

Project No: Case No:41679
Station No: GW-151 Sample No: MF4T84
Station Loc: GW-151 C Designate: Grab
Sampling Date/Time: /

8/24/11 1512

Preservative:

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No. | Station No. | Month/Day/Year | Time | Designate: Comp. | Grab

Tag Number 6- 497412 | Station Location | Samplers (Signatures) Craig Kume

Concentration: ☑ L ☐ M ☐ H | Lab Sample No.

Project No: Case No:41679
Station No: GW-299 Sample No: MF4TA1
Station Loc: GW-299 B Designate: Grab
Sampling Date/Time: / 8/24/11 16:08

Preservative:

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate: Comp.	Designate: Grab

Tag Number 6- 497413

Station Location

Samplers (Signatures) Cory Kramer

Concentration: ☑ L ☐ M ☐ H

Lab Sample No.

Project No: Case No:41679
Station No: GW-299 Sample No:: MF4TA2
Station Loc: GW-299 C Designate: Grab
Sampling Date/Time: / 9/24/11 16:18

Preservative:

GPO: U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Sample Delivery Group (SDG)
Cover Sheet

SDG Number: MF4T31

☐ ICPAES ☒ ICPMS ☐ HG ☐ CN

Laboratory Name: ALS Laboratory Group (SLC) Laboratory Code: DATAC

Contract No.: EPW09036 Case No.: 41679

Analysis Price: N/A SDG Turnaround: 21

Modified Analysis Requested: NO

Modification Reference No.: N/A

EPA Sample Numbers in SDG (Listed in Numerical Order)

1) MF4T31	7) MF4T73	13) MF4T87	19) MF4TA2
2) MF4T32	8) MF4T74	14) MF4T88	20) MF4TB4
3) MF4T65	9) MF4T83	15) MF4T89	21)
4) MF4T66	10) MF4T84	16) MF4T90	22)
5) MF4T67	11) MF4T85	17) MF4T98	23)
6) MF4T68	12) MF4T86	18) MF4TA1	24)

MF4T31	MF4TB4
First Sample in SDG	Last Sample in SDG
08/25/11	08/25/11
First Sample Receipt Date	Last Sample Receipt Date

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

Signature: Date: 8/26/2011

EPA Sample Receipt History

Client: U. S. EPA Region 6 **Contract:** EPW09036 **Case: 41679** **SDG: MF4T31** **Mod:** None

Due to EPA: Thu, Sep 15, 2011 **TAT:** 21 **Date Reported:** Not Reported **Status: CLOSED**

Workorder Information

Work Order	Received	PR	Fractions
1123732	08/25/11 10:04 AM	No	ICP-MS

Sample Information

Lab ID	Client ID	Type	Matrix	ICPAES	ICPMS	HG	CN
1123732001	MF4T31	SAMPLE	Water	☐	☒	☐	☐
1123732002	MF4T32	SAMPLE	Water	☐	☒	☐	☐
1123732003	MF4T65	SAMPLE	Water	☐	☒	☐	☐
1123732004	MF4T66	SAMPLE	Water	☐	☒	☐	☐
1123732006	MF4T66D	MD	Water	☐	☒	☐	☐
1123732005	MF4T66S	MS	Water	☐	☒	☐	☐
1123732007	MF4T67	SAMPLE	Water	☐	☒	☐	☐
1123732008	MF4T68	SAMPLE	Water	☐	☒	☐	☐
1123732009	MF4T73	SAMPLE	Water	☐	☒	☐	☐
1123732010	MF4T74	SAMPLE	Water	☐	☒	☐	☐
1123732011	MF4T83	SAMPLE	Water	☐	☒	☐	☐
1123732012	MF4T84	SAMPLE	Water	☐	☒	☐	☐
1123732013	MF4T85	SAMPLE	Water	☐	☒	☐	☐
1123732014	MF4T86	SAMPLE	Water	☐	☒	☐	☐
1123732015	MF4T87	SAMPLE	Water	☐	☒	☐	☐
1123732016	MF4T88	SAMPLE	Water	☐	☒	☐	☐
1123732017	MF4T89	SAMPLE	Water	☐	☒	☐	☐
1123732018	MF4T90	SAMPLE	Water	☐	☒	☐	☐
1123732019	MF4T98	SAMPLE	Water	☐	☒	☐	☐
1123732020	MF4TA1	SAMPLE	Water	☐	☒	☐	☐
1123732021	MF4TA2	SAMPLE	Water	☐	☒	☐	☐
1123732022	MF4TB4	SAMPLE	Water	☐	☒	☐	☐

Field Samples: 20 **MS: 1** **MSD:** 0 **MD: 1** **PE:** 0

Report Parameters = SDG:MF4T31 Case:<NULL> Region:<NULL>
Mod:<NULL> Workorder:<NULL> BeginDate:<NULL> EndDate:<NULL>
OpenSummary:No SortBy:Case

ALS Environmental

CHAIN-OF-CUSTODY

Project / Job / Task: EPW09036	Split:	Workorder ID: 1123732	Requested Analysis
Client: U. S. EPA Region 6		Account: 8201	Type: 1000Poly
Comments:			Preservatives: HNO3

Item	Collect Date/Time	Sample ID	Lab ID	QC	Matrix	Containers ID(s)	Containers Count	ISM01.2 ICP-MS, Water
1	08/24/2011 10:20	MF4T31	1123732001		Water	A	1	A
2	08/24/2011 10:22	MF4T32	1123732002		Water	A	1	A
3	08/24/2011 11:57	MF4T65	1123732003		Water	A	1	A
4	08/24/2011 12:00	MF4T66	1123732004		Water	A	1	A
5	08/24/2011 12:00	MF4T66S	1123732005	MS	Water	A	1	A
6	08/24/2011 12:00	MF4T66D	1123732006	MD	Water	A	1	A
7	08/24/2011 15:12	MF4T67	1123732007		Water	A	1	A
8	08/24/2011 15:14	MF4T68	1123732008		Water	A	1	A
9	08/24/2011 14:00	MF4T73	1123732009		Water	A	1	A
10	08/24/2011 14:02	MF4T74	1123732010		Water	A	1	A

ORIGINAL FIELD SAMPLE CHAIN-OF-CUSTODY

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Reason for Transfer / Storage Location
Ahlstrom, Anjanette	08/25/2011 10:04	ALS Sample Receiving	Sample Login
[illegible]	08/25/11 1300	R.33.1 cart	storage
R-33-1 KB	09/07/11 16:30	ICP-MS Lab KB	ICP-MS 200.8

SAMPLE PREPARATION / ANALYSIS CHAIN-OF-CUSTODY

Sample Prep / Analysis for: ICP-MS

Lab Notebook No.: HBV 7250 I

Prepared / Analyzed by: Kristie Butler

Date / Time: 09/07/11 16:30

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Reason for Transfer / Storage Location
Kristie Butler	09/08/11 11:30	ICP-MS Lab KB	analysis

ALS Environmental

CHAIN-OF-CUSTODY

Project / Job / Task: EPW09036	Split:	Workorder ID: 1123732	Requested Analysis
Client: U. S. EPA Region 6		Account: 8201	Type: 1000Poly
Comments:			Preservatives: HNO3

Item	Collect Date/Time	Sample ID	Lab ID	QC	Matrix	Containers ID(s)	Containers Count	SM01 2 ICP-MS, Water
11	08/24/2011 15:10	MF4T83	1123732011		Water	A	1	A
12	08/24/2011 15:12	MF4T84	1123732012		Water	A	1	A
13	08/24/2011 13:30	MF4T85	1123732013		Water	A	1	A
14	08/24/2011 13:32	MF4T86	1123732014		Water	A	1	A
15	08/24/2011 13:34	MF4T87	1123732015		Water	A	1	A
16	08/24/2011 13:36	MF4T88	1123732016		Water	A	1	A
17	08/24/2011 13:38	MF4T89	1123732017		Water	A	1	A
18	08/24/2011 13:40	MF4T90	1123732018		Water	A	1	A
19	08/24/2011 12:34	MF4T98	1123732019		Water	A	1	A
20	08/24/2011 16:08	MF4TA1	1123732020		Water	A	1	A

ORIGINAL FIELD SAMPLE CHAIN-OF-CUSTODY

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Reason for Transfer / Storage Location
Ahlstrom, Anjanette	08/25/2011 10:04	ALS Sample Receiving	Sample Login
Anjahlstrom	08/25/11 1300	R.33.1 cart	Storage
R-33-1 LB	09/07/11 16:50	ICP-MS Lab LB	ICP-MS 200.8

SAMPLE PREPARATION / ANALYSIS CHAIN-OF-CUSTODY

Sample Prep / Analysis for: ICP-MS — Lab Notebook No.: LBN 72501

Prepared / Analyzed by: Kristie Britton — Date / Time: 09/07/11 16:50

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Reason for Transfer / Storage Location
Kristie Britton	09/09/11 11:30	ICP-MS Lab LB	Analysis

ALS Environmental

CHAIN-OF-CUSTODY

Project / Job / Task: EPW09036	Split:	Workorder ID: 1123732	Requested Analysis
Client: U. S. EPA Region 6		Account: 8201	Type: 1000Poly
Comments:			Preservatives: HNO3

Item	Collect Date/Time	Sample ID	Lab ID	QC	Matrix	Containers ID(s)	Containers Count	ISM01.2 ICP-MS, Water
21	08/24/2011 16:10	MF4TA2	1123732021		Water	A	1	A
22	08/24/2011 12:40	MF4TB4	1123732022		Water	A	1	A
23								
24								
25								
26								
27								
28								
29								
30								

ORIGINAL FIELD SAMPLE CHAIN-OF-CUSTODY

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Reason for Transfer / Storage Location
Ahlstrom, Anjanette	08/25/2011 10:04	ALS Sample Receiving	Sample Login
Anjanette Ahlstrom	08/25/11 1300	R.33.1 cart	Storage
R-33-1 KB	09/02/11 16:50	ICP-MS Lab KB	ICP-MS 200.8

SAMPLE PREPARATION / ANALYSIS CHAIN-OF-CUSTODY

Sample Prep / Analysis for: ICP-MS

Prepared / Analyzed by: Kristie Bethe

Lab Notebook No.: HBN 72501

Date / Time: 09/07/11 16:50

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Reason for Transfer / Storage Location
Kristie Bethe	09/09/11 1530	ICP-MS Lab KB	Analysis

Batch Worklist

Batch: EMS/ 2730 **Created:** 9/7/2011 16:13 **Instrument:** **HBN:** 72501
Rule: ISM ICP-MS HW3 Prep **Analyst:** K. Bitner **Status:** NA

Workorder: 1123732 **SDG:** MF4T31 **Case:** 41679

Pos	Lab ID	Sample ID	Prep Initial	Prep Final	Mx	Type	Container	Procedure	Mgr	Expire Date	Due Date	Run Date
1	236830	PBW for HBN 72501 [EMS/2730]			3	PBW		ISMMSW..3P	5239	3/5/2012	8/31/2011	
2	236831	LCSW for HBN 72501 [EMS/2730]			3	LCSW		ISMMSW..3P	5239	3/5/2012	8/31/2011	
3	1123732001	MF4T31			3	SAMPLE	1123732001-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
4	1123732002	MF4T32			3	SAMPLE	1123732002-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
5	1123732003	MF4T65			3	SAMPLE	1123732003-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
6	1123732004	MF4T66			3	SAMPLE	1123732004-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
7	1123732005	MF4T66S			3	MS	1123732005-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
8	1123732006	MF4T66D			3	MD	1123732006-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
9	1123732007	MF4T67			3	SAMPLE	1123732007-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
10	1123732008	MF4T68			3	SAMPLE	1123732008-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
11	1123732009	MF4T73			3	SAMPLE	1123732009-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
12	1123732010	MF4T74			3	SAMPLE	1123732010-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
13	1123732011	MF4T83			3	SAMPLE	1123732011-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
14	1123732012	MF4T84			3	SAMPLE	1123732012-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
15	1123732013	MF4T85			3	SAMPLE	1123732013-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
16	1123732014	MF4T86			3	SAMPLE	1123732014-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
17	1123732015	MF4T87			3	SAMPLE	1123732015-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
18	1123732016	MF4T88			3	SAMPLE	1123732016-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
19	1123732017	MF4T89			3	SAMPLE	1123732017-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
20	1123732018	MF4T90			3	SAMPLE	1123732018-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
21	1123732019	MF4T98			3	SAMPLE	1123732019-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
22	1123732020	MF4TA1			3	SAMPLE	1123732020-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
23	1123732021	MF4TA2			3	SAMPLE	1123732021-A	I12MSW..3P	5936	2/21/2012	8/31/2011	
24	1123732022	MF4TB4			3	SAMPLE	1123732022-A	I12MSW..3P	5936	2/21/2012	8/31/2011	

Wednesday, September 07, 2011 4:13:49 PM
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BWL-V2.4

ALS Sample Preparation Electronic Log Book

Workorder and Sample Information

ALS Work Order	Sample ID	Analytes	Account
1123732	MF4T31, 32, 65-68, 73, 74, 83-90	ICP-MS	8201
1123732	MF4T98, A1-2, B4	ICP-MS	8201

Batch Information

Batch HBN:	EMS/2730;72501
CLP Case:	41679
CLP SDG:	MF4T31
Matrix:	Water
Description Book/Page	NA
Microwave:	NA
Hood:	ICP-MS

QC Information (QC's are prepared by the same method and with the same reagents as samples)

ALS QC ID	Matrix Source	Spike Source	Pipette ID	Spike Volume
PBW	ASTM Type II water	NA	NA	NA
LCS	ASTM Type II water	11602	3184971	0.1 mL
		11239	119209	0.5 mL
MF4T66S	MF4T66	10470	119209	0.5 mL
MF4T66D	MF4T66	NA	NA	NA

Spiked by: JTK **Witness:** NA

Method Reagents

1 mL of 1:1 HNO_3/1210070 Pipette # 2163121
MS-11-142 (4184/74), MS-11-167 (4184/75)
0.5 mL of 1:1 HCl/4210040 Pipette # N50978
Prepared as needed

Balance ID:	NA
Measured With:	50 mL polypropylene tubes
Digestion Vessel:	50 mL polypropylene tubes
Final Container:	50 mL polypropylene tubes
Amount of Sample:	50 mL
Final Volume:	50 mL

Sample Preparation Description

ALS SOP: ISM01.2 200.8

Modified Method?	No		If YES explain: NA

Kristie Bitner 09/07/11 16:50, retrieved samples. K.B. 09/7/11 17:00 K.B. 09/08/11 08:30 Rinsed digestion tubes, watch glasses and caps with ASTM Type II water. Prepared samples by transferring 50mL into digestion tubes. PBW and LCS are 50 mL aliquots of 1% $HN0_3$, spiked as indicated above. Covered samples with ribbed watch glasses. Added 1 mL of 1:1 HNO_3 to each sample and 0.5 mL of 1:1 HCl to each sample. Placed samples into block digester with set point of 112.5°C. Time in: 10:00. Temperature checked at 10:46 using thermometer 101462975, 92.6 °C. Turned off at 16:45. K.B. 09/08/11 17:00 K.B. 09/09/11 08:15 Samples were reduced to ~20 mL. Watch glasses were replaced with caps and samples were refluxed from 09:15 to 10:45. Samples were allowed to cool and brought to volume with ASTM Type II water, capped and shaken to mix. Kristie Bitner 09/09/11 11:30.

Name: Kristie Bitner	Date: 9/9/2011	Method/SOP: See above	

Batch Worklist

Batch: EMS/ 2743 **Created:** 9/14/2011 16:00 **Instrument:** **HBN:** 72863
Rule: ISM ICP-MS Water Analysis **Analyst:** J. Kershisnik **Status:** WP

Workorder: 1123732 **SDG:** MF4T31 **Case:** 41679

Pos	Lab ID	Sample ID	Prep Initial	Prep Final	Mx	Type	Container	Procedure	Mgr	Expire Date	Due Date	Run Date
1	237719	S0			3	STB		ISMMSW...3	5073	3/12/2012	9/14/2011	
	*Run # MS211094 & MS211095											
2	237720	S			3	STC		ISMMSW...3	5073	3/12/2012	9/14/2011	
3	237721	S10			3	STD		ISMMSW...3	5073	3/12/2012	9/14/2011	
4	237722	S50			3	STD		ISMMSW...3	5073	3/12/2012	9/14/2011	
5	237723	S200			3	STD		ISMMSW...3	5073	3/12/2012	9/14/2011	
6	237724	S500			3	STD		ISMMSW...3	5073	3/12/2012	9/14/2011	
7	237725	S1000			3	STD		ISMMSW...3	5073	3/12/2012	9/14/2011	
8	237726	ICV			3	ICV		ISMMSW...3	5073	3/12/2012	9/14/2011	
9	237727	ICB			3	ICB		ISMMSW...3	5073	3/12/2012	9/14/2011	
10	237728	ICSA			3	ICSA		ISMMSW...3	5073	3/12/2012	9/14/2011	
11	237729	ICSAB			3	ICSAB		ISMMSW...3	5073	3/12/2012	9/14/2011	
12	237730	CCV			3	CCV		ISMMSW...3	5073	3/12/2012	9/14/2011	
13	237731	CCB			3	CCB		ISMMSW...3	5073	3/12/2012	9/14/2011	
14	236830	PBW	50 mL	50 mL	3	PBW		ISMMSW...3	5239	3/5/2012	9/13/2011	
15	236831	LCS	50 mL	50 mL	3	LCSW		ISMMSW...3	5239	3/5/2012	9/13/2011	
16	1123732001	MF4T31	50 mL	50 mL	3	SAMPLE	1123732001-A	I12MSW...3	5936	2/21/2012	9/14/2011	
17	1123732002	MF4T32	50 mL	50 mL	3	SAMPLE	1123732002-A	I12MSW...3	5936	2/21/2012	9/14/2011	
18	1123732003	MF4T65	50 mL	50 mL	3	SAMPLE	1123732003-A	I12MSW...3	5936	2/21/2012	9/14/2011	
19	1123732004	MF4T66	50 mL	50 mL	3	SAMPLE	1123732004-A	I12MSW...3	5936	2/21/2012	9/14/2011	
20	1123732005	MF4T66S	50 mL	50 mL	3	MS	1123732005-A	I12MSW...3	5936	2/21/2012	9/14/2011	
21	1123732006	MF4T66D	50 mL	50 mL	3	MD	1123732006-A	I12MSW...3	5936	2/21/2012	9/14/2011	
22	237732	MF4T66L			3	SD		ISMMSW...3	5073	2/21/2012	9/14/2011	
23	1123732007	MF4T67	50 mL	50 mL	3	SAMPLE	1123732007-A	I12MSW...3	5936	2/21/2012	9/14/2011	
24	1123732008	MF4T68	50 mL	50 mL	3	SAMPLE	1123732008-A	I12MSW...3	5936	2/21/2012	9/14/2011	
25	1123732009	MF4T73	50 mL	50 mL	3	SAMPLE	1123732009-A	I12MSW...3	5936	2/21/2012	9/14/2011	
26	1123732010	MF4T74	50 mL	50 mL	3	SAMPLE	1123732010-A	I12MSW...3	5936	2/21/2012	9/14/2011	
27	237733	CCV2			3	CCV		ISMMSW...3	5073	3/12/2012	9/14/2011	
28	237734	CCB2			3	CCB		ISMMSW...3	5073	3/12/2012	9/14/2011	

Batch Worklist

Pos	Lab ID	Sample ID	Prep Initial	Prep Final	Mx	Type	Container	Procedure	Mgr	Expire Date	Due Date	Run Date
29	1123732011	MF4T83	50 mL	50 mL	3	SAMPLE	1123732011-A	I12MSW...3	5936	2/21/2012	9/14/2011	
30	1123732012	MF4T84	50 mL	50 mL	3	SAMPLE	1123732012-A	I12MSW...3	5936	2/21/2012	9/14/2011	
31	1123732013	MF4T85	50 mL	50 mL	3	SAMPLE	1123732013-A	I12MSW...3	5936	2/21/2012	9/14/2011	
32	1123732014	MF4T86	50 mL	50 mL	3	SAMPLE	1123732014-A	I12MSW...3	5936	2/21/2012	9/14/2011	
33	1123732015	MF4T87	50 mL	50 mL	3	SAMPLE	1123732015-A	I12MSW...3	5936	2/21/2012	9/14/2011	
34	1123732016	MF4T88	50 mL	50 mL	3	SAMPLE	1123732016-A	I12MSW...3	5936	2/21/2012	9/14/2011	
35	1123732017	MF4T89	50 mL	50 mL	3	SAMPLE	1123732017-A	I12MSW...3	5936	2/21/2012	9/14/2011	
36	1123732018	MF4T90	50 mL	50 mL	3	SAMPLE	1123732018-A	I12MSW...3	5936	2/21/2012	9/14/2011	
37	1123732019	MF4T98	50 mL	50 mL	3	SAMPLE	1123732019-A	I12MSW...3	5936	2/21/2012	9/14/2011	
38	1123732020	MF4TA1	50 mL	50 mL	3	SAMPLE	1123732020-A	I12MSW...3	5936	2/21/2012	9/14/2011	
39	1123732021	MF4TA2	50 mL	50 mL	3	SAMPLE	1123732021-A	I12MSW...3	5936	2/21/2012	9/14/2011	
40	1123732022	MF4TB4	50 mL	50 mL	3	SAMPLE	1123732022-A	I12MSW...3	5936	2/21/2012	9/14/2011	
41	237735	CCV3			3	CCV		ISMMSW...3	5073	3/12/2012	9/14/2011	
42	237736	CCB3			3	CCB		ISMMSW...3	5073	3/12/2012	9/14/2011	

ICP-MS ISM01.2 Water **Run # MS211094**

Workorder ID	Sample #'s	Analytes	Prep Batch/HBN #	Prep Date/Time	Analysis Batch/HBN #	Account #
1123732	MF4T31, 32, 65-68, 73, 74, 83-90	See Below #1 (Water)	EMS/2730; HBN: 72501	9/7/11 16:50	EMS/2743 72863	8201
1123732	MF4TA1, A2, B4	See Below #1 (Water)	EMS/2730; HBN: 72501	9/7/11 16:50	EMS/2743 72863	8201

#1 = 51V, 52Cr, 55Mn, 57Fe, 59Co, 60Ni, 63Cu, 66Zn, 75As, 82Se, 107Ag, 111Cd, 121Sb, 137Ba, 205Tl, 208Pb

Water Conversion Factor : (µg/L from instrument)(50 mL Final Volume/50 mL Initial Volume) = 1.0 µg/L

CALIBRATION AND QC STANDARDS UTILIZED:

	ID #	Book/Page
S0/ICB/CCB(1% HNO_3)	MS-11-164	4184/75
Std (S)	1000X of 11602	Horizon
Std (S10)	5X of 12635	Horizon
Std (S50)	12635	Horizon
Std (S200)	12636	Horizon
Std (S500)	12637	Horizon
Std (S1000)	20X of 11241	Horizon
Std (S2000)	10X of 11241	Horizon
Std (S5000)	4X of 11241	Horizon
Std (S50000)	2X of 12642	Horizon
Std (S100000)	12642	Horizon
ICV	12638	Horizon
ICSA	12639	Horizon
ICSAB	12640	Horizon
CCV	12641	Horizon
Internal Standards	MS-11-166	4184/75
Rinse	MS-11-165	4184/75

SDG: MF4T31
CASE: 41679
Prep Method: 200.8
Analysis Method: ISM01.2
Analysis Date: 09/13/11
Instrument ID: ICPM02
Results File: MS211094
Analyst: John Kershisnik

Scanning Mode: Peak Jumping
Sweeps: 40
Channels per Mass: 1
Acquisition Duration: 36287
Channel Spacing: 0.02
Replicates: 5

Instrument Parameters:

Major		Minor		Global	
Extraction:	-129	**Lens 2:**	-26.7	**Standard Resolution:**	115
Lens 1:	3.8	**Lens 3:**	-105.1	**High Resolution:**	120
Focus:	27.1	**Forward Power:**	1404	**Analogue Detector:**	1755
D1:	-32.2	**Horizontal:**	104	**PC Detector:**	3029
Pole Bias:	5.0	**Vertical:**	434		
Hexapole Bias:	2.3	**D2:**	-160		
Nebuliser:	0.79	**DA:**	-80.0		
Sample Depth:	120	**Cool:**	13.0		
		Auxiliary:	0.90		

Comments: S was prepared by adding 0.05 mL **11602** (Horizon) and bringing to 50 mL final volume with **MS-11-164** (4184/75).
S10 was prepared by taking 8.0 mL of **MS-11-164** (4184/75) and adding 2.0 mL of S50, **12635**, and mixing in a 14 mL Falcon tube.
S1000 prepared by taking 9.5 mL of **MS-11-164** (4184/75) and adding 500 uL of **11241** (Horizon) and mixing in a 14 mL Falcon tube.
S2000 was prepared by taking 9.0 mL of **MS-11-164** (4184/75) and adding 1.0 mL of **11241** (Horizon) and mixing in a 14 mL Falcon tube.
S5000 was prepared by taking 6.0 mL of **MS-11-164** (4184/75) and adding 2.0 mL of **11241** (Horizon) and mixing in a 14 mL Falcon tube.
S50000 was prepared by taking 3.0 mL of **MS-11-164** (4184/75) and adding 3.0 mL of **12642** (Horizon) and mixing in a 14 mL Falcon tube.

A Cross Calibration was performed using solution **MS-11-101** (4184/73), before the performance report.
A Performance report was done to tune the instrument using "CLP" and solution **MS-11-134** (4184/74), before calibration.

Serial dilution done by pipetting 1 mL of sample MF4T66 into 4 mL of **MS-11-164** (4184/75), in a polypropylene tube, capping and shaking to mix.

Dilutions: None required.

ICP-MS ISM01.2 Water **Run # MS211095**

Workorder ID	Sample #'s	Analytes	Prep Batch/HBN #	Prep Date/Time	Analysis Batch/HBN #	Account #
1123732	MF4T31, 32, 65-68, 73, 74, 83-90	See Below #1 (Water)	EMS/2730; HBN: 72501	9/7/11 16:50	EMS/2743 72863	8201
1123732	MF4TA1, A2, B4	See Below #1 (Water)	EMS/2730; HBN: 72501	9/7/11 16:50	EMS/2743 72863	8201

#1 = 9Be, 23Na, 24Mg, 27Al, 39K, 44Ca

Water Conversion Factor : (µg/L from instrument)(50 mL Final Volume/50 mL Initial Volume) = 1.0 µg/L

CALIBRATION AND QC STANDARDS UTILIZED:

	ID #	Book/Page
S0/ICB/CCB(1% HNO_3)	MS-11-164	4184/75
Std (S)	1000X of 11602	Horizon
Std (S10)	5X of 12635	Horizon
Std (S50)	12635	Horizon
Std (S200)	12636	Horizon
Std (S500)	12637	Horizon
Std (S1000)	20X of 11241	Horizon
Std (S2000)	10X of 11241	Horizon
Std (S5000)	4X of 11241	Horizon
Std (S50000)	2X of 12642	Horizon
Std (S100000)	12642	Horizon
ICV	12638	Horizon
ICSA	12639	Horizon
ICSAB	12640	Horizon
CCV	12641	Horizon
Internal Standards	MS-11-166	4184/75
Rinse	MS-11-165	4184/75

SDG: MF4T31
CASE: 41679
Prep Method: 200.8
Analysis Method: ISM01.2
Analysis Date: 09/14/11
Instrument ID: ICPM02
Results File: MS211095
Analyst: John Kershisnik

Scanning Mode: Peak Jumping
Sweeps: 40
Channels per Mass: 1
Acquisition Duration: 36287
Channel Spacing: 0.02
Replicates: 5

Instrument Parameters:

Major		Minor		Global	
Extraction:	-129	**Lens 2:**	-24.3	**Standard Resolution:**	115
Lens 1:	3.8	**Lens 3:**	-150.6	**High Resolution:**	120
Focus:	26.9	**Forward Power:**	1404	**Analogue Detector:**	1755
D1:	-32.2	**Horizontal:**	100	**PC Detector:**	3029
Pole Bias:	5.0	**Vertical:**	444		
Hexapole Bias:	2.3	**D2:**	-160		
Nebuliser:	0.78	**DA:**	-80.0		
Sample Depth:	135	**Cool:**	13.0		
		Auxiliary:	0.90		

Comments: S was prepared by adding 0.05 mL **11602** (Horizon) and bringing to 50 mL final volume with **MS-11-164** (4184/75).
S10 was prepared by taking 8.0 mL of **MS-11-164** (4184/75) and adding 2.0 mL of S50, **12635**, and mixing in a 14 mL Falcon tube.
S1000 prepared by taking 9.5 mL of **MS-11-164** (4184/75) and adding 500 uL of **11642** (Horizon) and mixing in a 14 mL Falcon tube.
S2000 was prepared by taking 9.0 mL of **MS-11-164** (4184/75) and adding 1.0 mL of **11241** (Horizon) and mixing in a 14 mL Falcon tube.
S5000 was prepared by taking 6.0 mL of **MS-11-164** (4184/75) and adding 2.0 mL of **11241** (Horizon) and mixing in a 14 mL Falcon tube.
S50000 was prepared by taking 3.0 mL of **MS-11-164** (4184/75) and adding 3.0 mL of **12479** (Horizon) and mixing in a 14 mL Falcon tube.

A Cross Calibration was performed using solution **MS-11-101** (4184/73), before the performance report.
A Performance report was done to tune the instrument using "CLP" and solution **MS-11-134** (4184/74), before calibration.

Serial dilution done by pipetting 1 mL of sample MF4T66 into 4 mL of **MS-11-164** (4184/75), in a polypropylene tube, capping and shaking to mix.

Dilutions: Samples MF4T65, 66, 66S, 66D were diluted 2x for calcium and sodium.
Samples MF4T31, 32, 67, 68, 43, 74, 83-90, 98, A1, A2, B4 were diluted 3x for calcium and sodium.

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Date	Time On	Time off	Total Time	Method	Matrix	Act. #	W.O. IDs / Comments	Run #	# of Samples	Init.
08/17/11	09:58	14:03	253 min	ALS	Bulk	1101	Tune Passed 1121931, 1122142, 1122147, 1122148, Dodine 1122497	MS211084	5	KB
08/18/11	17:09	20:57	232 min	6020	Bulk	1101	1122830, 1122713, 932-38 931 933 934 952	MS211085	18	KB
08/25/11	12:18	—	—	ISM01.2	WATER	8201	1123532 PERFORMANCE REPORT CLP Tune PASSED	—	—	JK
↓	12:52	16:46	234 min	↓	↓	↓	1123532 MG6Z K2	MS211086	24	JK
08/26/11	09:30	—	—	ISM01.2	WATER	8201	Performance Report - CLP Tune Passed	—	—	JK
↓	10:36	15:30	294 min	↓	↓	↓	1123531 MF4T01	MS211089	24	JK
08/30/11	18:54	—	—	ISM01.2	WATER	8201	1123531 PERFORMANCE REPORT CLP Tune Passed.	—	—	JK
↓	19:12	01:25	373 min	↓	↓	↓	1123531 MF4T01	MS211088	24	JK
09/01/11	14:40	—	—	ISM01.2	WATER	8201	Performance Report - CLP Tune Passed	—	—	JK
09/01/11	14:58	19:59	301 min	↓	↓	↓	1123646, 1123647 MF4T23	MS211089	24	JK
09/07/11	15:36	—	—	ISM01.2	WATER	8201	Performance Report - CLP Tune Passed	—	—	JK
↓	18:41	21:05	144 min	↓	↓	↓	1123533 1123537 MG6ZM2, MG6ZM5	MS211090	7 14	JK
09/08/11	14:22	—	—	ISM01.2	WATER	8201	Performance Report - CLP Tune Passed	MS211091	—	JK
	15:17	17:42	145 min				1123533 MG6ZM2	↓	7	JK
↓	↓	↓	↓	↓	↓	↓	1123537 MG6ZM5	↓	14	JK
09/11/11	21:35	—	—	ISM01.2	WATER	8201	Performance Report - CLP Tune Passed	—	—	JK
↓	22:12	01:17	185 min	↓	↓	↓	1123645 MF4T03	MS211092	22	JK
09/12/11	15:30	—	—	ISM01.2	WATER	8201	Performance Report - CLP Tune Passed	—	—	JK
↓	15:53	19:28	215 min	↓	↓	↓	1123645 MF4T03	MS211093	22	JK
KB 9/14/11 09/13/11										
09/13/11	13:10	—	—	ISM01.2	WATER	8201	Performance Report - CLP Tune passed	—	—	JK
↓	13:32	17:03	211 min	↓	↓	↓	1123732 MF4T31	MS211094	24	JK
09/14/11	13:58	—	—	ISM01.2	WATER	8201	Performance Report - CLP Tune Passed	—	—	JK
↓	14:15	17:53	218 min	↓	↓	↓	1123732 MF4T31	MS211095	24	JK

To Page No.

Witnessed & Understood by me,	Date	Invented by	Date
		Recorded by	

From Page No. X

RECIPES.

CLP 5.3 CRI = USE "CLP-MS-CRQL-2" PRIMARY CONTAINING 10 ug/mL Ba; 5 ug/mL Se; 2 ug/mL Sb, Cr, Cu, Zn; 1 ug/mL Ag, As, Be, Cd, Co, Mn, Pb, Ni, Tl, V. SPIKE 0.05 mL TO A 50 mL TEFLON CLASS A FLASK, CONTAINING SOME ASTM TYPE II H_2O WITH 0.5mL OF HNO_3. BRING TO VOLUME WITH ASTM TYPE II H_2O. SEAL + SHAKE FLASK.
2/23/11
FINAL TARGETS: 10 ug/L Ba, 5 ug/L Se; 2 ug/L Sb, Cr, Cu, Zn; 1 ug/L Ag, As, Be, Cd, Co, Mn, Pb, Ni, Tl, V in 1% HNO_3

VARIAN TUNE = SPIKE 0.5 mL OF "VAR-TS-MS" PRIMARY CONTAINING 10 ug/mL Ba, Be, Ce, Co, In, Pb, Mg, Tl, Th AND 0.5mL OF HNO_3 TO A 50 mL FLASK CONTAINING SOME ASTM TYPE II H_2O. BRING TO VOLUME WITH ASTM TYPE II H_2O. SEAL + SHAKE.
FINAL TARGETS: 100 ug/L Ba, Be, Ce, Co, In, Pb, Mg, Tl, Th in 1% HNO_3.

6020 TUNE = SPIKE 0.5 mL OF "6020TS" PRIMARY CONTAINING 10 ug/mL Co, In, Li, Tl AND 0.5mL OF HNO_3 TO A 50 mL FLASK CONTAINING SOME ASTM TYPE II H_2O. BRING TO VOLUME WITH ASTM TYPE II H_2O. SEAL + SHAKE.
FINAL TARGETS: 100 ug/L Co, In, Li, Tl in 1% HNO_3.

TUNE A = SPIKE ~~0.5~~ 0.05 mL NE 4/13/04 OF "TUNE A" PRIMARY, CONTAINING 10 ug/mL OF Li, Be, Co, Ni, In, Ba, Ce, Pb, U + 100 ug/mL OF As, Se, AND 0.5mL OF HNO_3 TO A 50 mL CONTAINING SOME ASTM TYPE II H_2O. BRING TO VOLUME WITH ASTM TYPE II H_2O. SEAL + SHAKE.
FINAL TARGETS: 10 ug/L Li, Be, Co, Ni, In, Ba, Be, Ce, Pb, U; 100 ug/L As, Se.

TUNE B = SPIKE 0.5mL OF "TUNE B" PRIMARY, CONTAINING 100 ug/mL Be; 50 ug/mL Li; 25 ug/mL Mg, Sc; 20 ug/mL Co; 10 ug/mL Y, In, Ce, Tl; 5 ug/mL Tb, U, AND 0.5 mL OF HNO_3 TO A 50mL FLASK. BRING TO VOLUME. SEAL + SHAKE.
FINAL TARGETS: 1000 ug/L Be; 500 ug/L Li; 250 ug/L Mg, Sc; 200 ug/L Co; 100 ug/L Y, In, Ce, Tl; 50 ug/L Tb, U in 1% HNO_3.

VAR IS = SPIKE 40 mL OF "6020ISS" PRIMARY, CONTAINING 10 ug/mL Bi, Ho, In, ^{6}Li, Rh, Sc, Tb, Y AND 20 mL OF HNO_3 TO A 2L CONTAINER CONTAINING SOME ASTM TYPE II H_2O. BRING TO VOLUME. SEAL + SHAKE.
FINAL TARGETS: 200 ug/L Bi, Ho, In, ^{6}Li, Rh, Sc, Tb, Y in 1% HNO_3.

THERMO IS = SPIKE 4mL OF "THERMO IS MIX" PRIMARY, CONTAINING 100 mg/L ^{6}Li, Sc; 20 mg/L Ga, Y, In, Tb, Bi AND 20mL OF HNO_3 TO A 2L CONTAINER CONTAINING SOM ASTM TYPE II H_2O. BRING TO VOLUME. SEAL & SHAKE.
FINAL TARGETS: 200 ug/L ^{6}Li, Sc; 40 ug/L Ga, Y, In, Tb, Bi in 1% HNO_3.

2%/0.05% RINSE = ADD ~~20~~ 40 mL NE 4/13/04 OF HNO_3 AND 1mL OF HCl or 2mL OF 1:1 HCl TO A 2L CONTAINER. BRING TO VOLUME, SEAL + SHAKE.
FINAL TARGETS: 2% HNO_3/0.05% HCl

5%/1% = ADD 100 mL OF HNO_3 AND 20mL OF HCl TO A 2L CONTAINER. BRING TO VOLUME. SEAL + SHAKE.
FINAL TARGETS: 5% HNO_3/1% HCl.

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Witnessed & Understood by me,	Date	Invented by	Date
Kristie Bettini	01/24/05	Recorded by:	01/24/05

From Page No. X

RECIPES

THERMO 6020 ICSA = ADD 1mL OF ICSA PRIMARY TO 9mL OF 1% HNO_3 + MIX.

THERMO 6020 ICSAB = ADD 1mL OF ICSA PRIMARY, 0.1mL OF ICSAB PRIMARY TO 8.9 mL OF 1% HNO_3 + MIX.

X-CAL = SPIKE 1.25 mL OF "X-CAL" PRIMARY CONSISTING OF Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cs, Cu, Fe, Gig, In, K, Li, Mg, Mn, Na, Ni, Pb, Rb, Se, Sr, Tl, V, Zn AT 10 mg/L AND 0.5mL OF HNO_3 TO A 50mL FLASK CONTAINING SOME ASTM TYPE II H_2O. BRING TO VOLUME, STOPPER + SHAKE. ALL MASSES AT 250 mg/L AT FINAL.

1% HNO_3 = ADD 10 mL OF HNO_3 TO A 1L FLASK CONTAINING SOME ASTM TYPE II H_2O. BRING TO VOLUME WITH MORE ASTM TYPE II H_2O. SEAL + SHAKE. USED FOR SO, ICB, CCB + DILUTIONS.

1:4 HCl = Add 200 mL HCl to 1 L container with some ASTM Type II H_2O. Bring to volume with more ASTM Type II H_2O. Seal & Shake. Used for sample preparation, soils.

1:1 HCl = Add 500 mL ASTM Type II H_2O to 1L container. Add 500 mL Hcl to container, cap and mix by shaking. Used for sample preparation.

1:1 HNO_3 = Add 500 mL ASTM Type II H_2O to 1 L container. Add 500 mL HNO_3 to container, seal and shake to mix. Used for sample preparation.

10/21/06
2% HNO_3 with Au Add 20 mL of HNO_3 to 1L container with some ASTM Type II H_2O in it. Add 1mL of 1:1 HCl and 10 mL of 100µg/mL Au. Bring to 1L volume, cap & shake. Use for Hg analysis

SO-Urine = To a 500 mL volumetric flask containing ~ 250 mL of ASTM Type II Water add 50 mL of UriSub and 5 mL of concentrated nitric acid. Dilute to volume with ASTM Type II water, stopper and mix, transfer to teflon bottles for storage.

5.4 CRI = Use "CLP-MS-CRQL-3" primary containing 10µg/mL Ba; 5µg/mL Se, V; 2µg/mL Cr3, Cu, Sb, Zn; 1µg/mL Ag, As, Be, Cd, Co, Mn, Ni, Pb, Tl. Spike 0.05 mL to a 50 mL Teflon class A flask, containing some ASTM Type II H_2O with 0.5mL of HNO_3. Bring to volume with ASTM Type II H_2O, Seal & Shake. Final Targets: 10µg/L B; 5µg/L Se, V; 2µg/L Cr3, Cu, Sb, Zn; 1µg/L Ag, As, Be, Cd, Co, Mn, Ni, Pb, Tl.

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Witnessed & Understood by me,	Date	Invented by	Date
		Recorded by	

Project No. NA

TITLE ALS Laboratory ICP-MS Solution Log Book Book No. 4184

From Page No. 72

Date	ICP-MS Solution #	Solution Type	Primary Solution ID # (Horizon #)	Recipe Page	Expiration Date	Acid Lots	Comments	Init.
04/22/11	MS-11-083	1% HNO_3	NA	2	10/22/11	HNO_3 - 1210080	NA	KB
04/22/11	MS-11-084	Rinse 1%/0.5%	NA	NA	10/22/11	HNO_3 - 1210080 HCl - 4210040	10mL/5mL to 1L ICPMO3	KB
04/22/11	MS-11-085	Agilent ISS	10472	NA	10/22/11	HNO_3 - 1210080	2.5mL/50mL ICPMO3	KB
04/26/11	MS-11-086	Agilent ISS	10472	NA	10/26/11	HNO_3 - 1210080	2.5mL/50mL ICPMO3	KB
04/27/11	MS-11-087	1:1 HNO_3	NA	2	10/27/11	HNO_3 - 1210080	NA	KB
04/28/11	MS-11-088	PlA Tune	10589 & 10590	NA	10/28/11	HNO_3 - 1210080	500uL of each to 50mL 1%	KB
04/28/11	MS-11-089	Agilent ISS	10472	NA	10/28/11	HNO_3 - 1210080	2.5mL/50mL ICPMO3	KB
04/29/11	MS-11-090	1% HNO_3	NA	2	10/29/11	HNO_3 - 1210080	NA	KB
04/29/11	MS-11-091	Var Tune Rinse	9375	1	10/29/11	HNO_3 - 1210080	NA	KB
05/04/11	MS-11-092	2%/0.05%	NA	1	11/04/11	HNO_3 - 1210080 HCl - 4210040	NA	KB
05/06/11	MS-11-093	1:4 HCl	NA	2	11/06/11	HCl - 4210040	NA	KB
05/06/11	MS-11-094	1% HNO_3	NA	2	11/06/11	1210080 HNO_3 - 42 KB 5/6/11	NA	KB
05/06/11	MS-11-095	Agilent ISS	Sc 9246, Y 11178, B, 11480 } 5mL 9947 - 5mL KB 5/6/11 In	NA	11/06/11	HNO_3 - 1210080	5mL of 10,000 ug/mL to 5mL of 10 ug/mL } 50mL	KB
05/10/11	MS-11-096	6020 Tune	9376	1	11/10/11	HNO_3 - 1210080	NA	KB
05/10/11	MS-11-097	Var ISS Rinse	10472	1	11/10/11	HNO_3 - 1210080 HCl - 4210040	NA	KB
05/12/11	MS-11-098	1%/0.5%	NA	NA	11/12/11	HNO_3 - 1210080	10mL/5mL to 1L ICPMO3	KB
05/12/11	MS-11-099	Agilent ISS	10472	NA	11/12/11	HNO_3 - 1210080	2.5mL/50mL ICPMO3	KB
05/12/11	MS-11-100	6020 Tune	9376	1	11/12/11	HNO_3 - 1210080	NA	JK
05/12/11	MS-11-101	X-CAL	9255	2	11/12/11	HNO_3 - 1210080	NA - 200mL's	JK
05/20/11	MS-11-102	1% HNO_3	NA	2	11/20/11	HNO_3 - 1210080	NA	KB
05/20/11	MS-11-103	Rinse 1%/0.5%	NA	NA	11/20/11	HNO_3 - 1210080 HCl - 4210040	10mL/5mL to 1L ICPMO3	KB
05/20/11	MS-11-104	Agilent ISS Rinse	10472	NA	11/20/11	HNO_3 - 1210080 HCl - 4210040	5mL/50mL ICPMO3	KB
05/20/11	MS-11-105	2%-0.05%	NA	1	11/20/11	HNO_3 - 1210080	4L	JK
05/20/11	MS-11-106	1% HNO_3	KB 5/25/11 NA	2	11/20/11	HNO_3 - 1210080	NA	JK
05/25/11	MS-11-107	Agilent ISS	Sc Y In 10mL Sc, Y 9246, 11178, 9946 10mL In	NA	11/25/11	HNO_3 - 1210080	50mL	KB
05/25/11	MS-11-108	Agilent ISS Rinse	10472	NA	11/25/11	HNO_3 - 1210080	5mL/50mL ICPMO3	KB
05/27/11	MS-11-109	1%/0.5%	NA	NA	11/27/11	HNO_3 - 1210080 HCl - 4210040	10mL/5mL to 1L ICPMO3	KB
05/27/11	MS-11-110	Agilent ISS	10472	NA	11/27/11	HNO_3 - 1210080	5mL/50mL ICPMO3	KB
06/01/11	MS-11-111	1% HNO_3	NA	2	12/01/11	HNO_3 - 1210080	NA	KB
06/03/11	MS-11-112	Agilent ISS Rinse	10472	NA	12/03/11	HNO_3 - 1210080 HCl - 4210040	5mL/50mL ICPMO3	KB
06/03/11	MS-11-113	2%/0.05%	NA	1	12/03/11	HNO_3 - 1210080	4 LITERS	JK
06/03/11	MS-11-114	Var ISS Rinse	10472	1	12/03/11	HNO_3 - 1210080	4L	JK
06/10/11	MS-11-115	1%/0.5%	NA	NA	12/10/11	HNO_3 - 1210080 HCl - 4210040	10mL/5mL to 1L ICPMO3	KB
06/10/11	MS-11-116	Agilent ISS	10472	NA	12/10/11	HNO_3 - 1210080	10mL/50mL ICPMO3	KB
06/14/11	MS-11-117	Agilent ISS	10472	NA	12/14/11	HNO_3 - 1210080	10mL/50mL ICPMO3	KB

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Witnessed & Understood by me, Date

Invented by Date 06/16/11

Recorded by Kristie Bitner

Project No. NA

TITLE ALS ICP-MS Solution Logbook Book No. 4184

From Page No. 73

Date	ICP-MS solution #	Solution Type	Primary Solution ID # (Horizon #)	Recipe Page	Expiration Date	Acid Lots	Comments	Init.
06/16/11	MS-11-118	1% HNO_3	NA	2	12/16/11	HNO_3 - 1210080	NA	KB
06/20/11	MS-11-119	1:4 HCl	NA	2	12/20/11	HCl - 4210040	NA	KB
06/23/11	MS-11-120	1:1 HNO_3	NA	2	12/23/11	HNO_3 - 1210070	NA	KB
06/23/11	MS-11-121	Agilent Tune	10856	NA	12/23/11	HNO_3 - 1210080	250mL/250mL (10ppb)	KB
06/23/11	MS-11-122	6020 Tune NO In	9376	1	12/23/11	HNO_3 - 1210080	NA	KB
06/24/11	MS-11-123	Agilent ISS	9948	NA	12/24/11	HNO_3 - 1210070	5mL/50mL	KB
06/30/11	MS-11-124	6020 Tune	9376	1	12/30/11	HNO_3 - 1210070	NA	JK
07/01/11	MS-11-125	Rinse 2% 1.0%	NA	1	1/01/12	HNO_3 - 1210070 HCl - 4210040	NA	KB
07/06/11	MS-11-126	PLA Tune	10589 & 10590	NA	01/06/12	HNO_3 - 1210070	500mL of each to 50mL 1% HNO_3	KB
07/06/11	MS-11-127	Agilent ISS	10472	NA	01/06/12	HNO_3 - 1210070	5mL/50mL	KB
07/12/11	MS-11-128	1% HNO_3	NA	2	01/12/12	HNO_3 - 1210070	NA	JK
07/18/11	MS-11-09	Rinse 1%/0.5%	NA per 7/18/11	NA	01/18/12	HNO_3 - 1210070 HCl - 4210040	10mL/5mL to 1L	KB
07/18/11	MS-11-130	Agilent ISS	~~AAA~~ 10472	NA	01/18/12	HNO_3 - 1210070	5mL/50mL	KB
07/18/11	MS-11-131	1% HNO_3	NA	2	01/18/12	HNO_3 - 1210070	NA	KB
07/18/11	MS-11-132	Var ISS	11206	1	01/18/12	HNO_3 - 1210070	4L.	JK
07/18/11	MS-11-133	Rinse 2%-0.05%	NA	1	01/18/12	HNO_3 - 1210070 HCl - 4210040	4L.	JK
07/18/11	MS-11-134	Var Tune	9395	1	10/01/11	HNO_3 - 1210070	200mL	JK
07/20/11	MS-11-135	Agilent ISS	10472	NA	01/20/12	HNO_3 - 1210070	5mL/50mL	KB
07/22/11	MS-11-136	Rinse 1%/0.5%	NA	NA	01/22/12	HCl - 4210040 HNO_3 - 1210070	10mL/5mL to 1L	KB
07/22/11	MS-11-137	Agilent ISS	10472	NA	01/22/12	HNO_3 - 1210070	5mL/50mL	KB
07/27/11	MS-11-138	1% HNO_3	NA	2	01/27/12	HNO_3 - 1210070	NA	KB
07/27/11	MS-11-139	Agilent ISS	10472	NA	01/27/12	HNO_3 - 1210070	5mL/50mL x2	KB
07/28/11	MS-11-140	Agilent Hi Tune Rinse	10856	NA	01/28/12	HNO_3 - 1210070 500mL HCl - 4210040 2.5mL	50mL/50mL	KB
08/01/11	MS-11-141	1%/0.5%	NA	NA	02/01/12	HNO_3 - 1210070 HCl - 4210040	10mL/5mL to 1L	KB
08/02/11	MS-11-142	1:1 HNO_3	NA	2	02/02/12	HNO_3 1210070	NA	JK
08/02/11	MS-11-143	1:4 HCl	NA	2	02/02/12	HCl - 4210040	NA	KB
08/03/11	MS-11-144	Agilent ISS	10472	NA	02/03/12	HNO_3 - 1210070	2.5mL/50mL	KB
08/05/11	MS-11-145	Rinse 1%/0.5%	NA	NA	02/05/12	HCl - 4210040 HNO_3 - 1210070	10mL/5mL to 1L	KB
08/05/11	MS-11-146	Agilent ISS	11206	NA	02/05/12	HNO_3 - 1210070	2.5mL/50mL	KB
08/07/11	MS-11-147	Rinse 2%-0.05%	NA	1	02/07/12	HNO_3 - 1210070	4L	JK
08/09/11	MS-11-148	1% HNO_3	NA	2	02/09/12	HNO_3 - 1210070	NA	KB
08/09/11	MS-11-149	Agilent ISS	11206	NA	02/09/12	HNO_3 - 1210070	2.5mL/50mL	KB
08/16/11	MS-11-150	1% HNO_3	NA	2	02/16/12	HNO_3 - 1210070	NA	KB
08/16/11	MS-11-151	Rinse 1%/0.5%	NA	NA	02/16/12	HNO_3 - 1210070 HCl - 4210040	10mL/5mL to 1L	KB
08/16/11	MS-11-152	Agilent ISS	11206	NA	02/06/12	HNO_3 - 1210070	2.5mL/50mL	KB
08/18/11	MS-11-153	Var ISS	11206	1	02/18/12	HNO_3 - 1210070	2L	KB

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Witnessed & Understood by me, Date

Invented by Date 08/26/11

Recorded by Kristie Bettin

Project No. NA

TITLE ALS ICP-MS Solution Logbook Book No. 4184

From Page No. 74

Date	ICP-MS Solution #	Solution Type	Primary Solution ID # (Horizon #)	Recipe Page	Expiration Date	Acid Lots	Comments	Init.
08/25/11	MS-11-154	1% / 0.5% Rinse	NA	NA	02/22/12	HNO_3-1210070 HCl-4210040	10mL/5mL to 1 L	KB
08/25/11	MS-11-155	Agilent ISS	11206	NA	02/25/12	HNO_3-1210070	2.5 mL/50mL X2	KB
08/25/11	MS-11-156	6020 Tune	9376	1	10/01/11	HNO_3-1210070	NA	KB
08/25/11	MS-11-157	1% HNO_3	NA	2	02/25/12	HNO_3-1210070	NA	KB
08/31/11	MS-11-158	1:4 HCl	NA	2	03/01/12	~~HNO_3-1210070~~ KB 8/31/11 HCl-4210040	NA	KB
09/06/11	MS-11-159	1% HNO_3	NA	2	04/06/12 (3 09/06/11)	HNO_3-1210070	NA	KB
09/06/11	MS-11-160	1% / 0.5% Rinse	NA	NA	04/06/12 (3)	HNO_3-1210070 HCl-4210040	10mL/5mL to 1L	KB
09/06/11	MS-11-161	PA Tune	10589 & 10590	NA	04/06/12 (3)	HNO_3-1210070	500uL of each to 50mL 1% HNO_3	KB
09/06/11	MS-11-162	Var Tune	9375	1	04/06/12 (3)	HNO_3-1210070	NA 1% HNO_3	KB
09/06/11	MS-11-163	Agilent ISS	11206	NA	04/06/12 (3)	HNO_3-1210070	2.5mL/50mL x2	KB
09/07/11	MS-11-164	1% HNO_3	NA	2	03/07/12	HNO_3-1210070 HCl-4210040	NA	JK
09/07/11	MS-11-165	2% / 0.05% RINSE	NA	1	03/07/12	HNO_3-1210070	4 L	JK
09/07/11	MS-11-166	VAR ISS	11206	1	03/07/12	HNO_3-1210070	4 L	JK

To Page No.

Witnessed & Understood by me, Date

Invented by Date

Recorded by

Stock Standard - CLP MS CRI

CLP MS CRI					Description - ICPMS CLP CRI
Standard:	11602	**Expires:**	6/1/2012	**Usable:**	Yes
Lab Lot:	IP-PS-11-015	**Created By:**	K. Bitner	**Amount:**	125 mL
Part ID:	CLP-MS-CRQL-3	**Create Date:**	5/16/2011	**Validated By:**	
MFG:	Inorganic Ventures	**MFG Lot:**	C2-MEB296009	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7440-36-0	Antimony	2 ug/mL
2	7440-38-2	Arsenic	1 ug/mL
3	7440-39-3	Barium	10 ug/mL
4	7440-41-7	Beryllium	1 ug/mL
5	7440-43-9	Cadmium	1 ug/mL
6	7440-47-3	Chromium	2 ug/mL
7	7440-48-4	Cobalt	1 ug/mL
8	7440-50-8	Copper	2 ug/mL
9	7439-92-1	Lead	1 ug/mL
10	7439-96-5	Manganese	1 ug/mL
11	7440-02-0	Nickel	1 ug/mL
12	7782-49-2	Selenium	5 ug/mL
13	7440-22-4	Silver	1 ug/mL
14	7440-28-0	Thallium	1 ug/mL
15	7440-62-2	Vanadium	5 ug/mL
16	7440-66-6	Zinc	2 ug/mL

Working Standard - ISM LCSW MS

ISM LCSW MS — Description - ISM ICP-MS LCSW-Cations

Standard:	11239	**Expires:**	12/31/2011	**Usable:**	Yes
Lab Lot:	04/08/11 JTK	**Created By:**	J. Kershisnik	**Amount:**	100 mL
Part ID:		**Create Date:**	04/08/2011	**Validated By:**	
MFG:	JTK	**MFG Lot:**		**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7440-70-2	Calcium	100 ug/mL
2	7439-89-6	Iron	40 ug/mL
3	7440-09-7	Potassium	100 ug/mL
4	7429-90-5	Aluminum	4 ug/mL
5	7439-95-4	Magnesium	100 ug/mL
6	7440-23-5	Sodium	100 ug/mL

Composition

Standard	Standard ID	Description	Lab Lot ID	Volume Added	Expires
4304	ASTMType2	ASTM Type 2 Deionized Water	ASTMType2Water	94.56 mL	12/31/2025
8671	Ca Stock	10,000 ug/mL Ca Stock	Elements Ca 10,000	1 mL	12/31/2011
8675	Fe Stock	10,000 ug/mL Fe Stock	Elements Fe 10,000	0.4 mL	12/31/2011
8677	K Stock	10,000 ug/mL K Stock	Elements K 10,000	1 mL	12/31/2011
9838	Al stock	10,000 ug/mL Al Stock	Elements Al 10,000	0.04 mL	5/31/2012
9841	Mg Stock	10,000 ug/mL Mg Stock	Elements Mg 10,000	1 mL	5/31/2012
9842	Na Stock	10,000 ug/mL Na Stock	Elements Na 10,000	1 mL	5/31/2012
10479	Ultra-HNO3	Ultra Nitric Acid	1/19/11 KFB	1 mL	11/14/2013

Stock Standard - ICPMS CLP MS

ICPMS CLP MS				Description - ICPMS CLP Matrix Spike	
Standard:	10470	**Expires:**	2/1/2012	**Usable:**	Yes
Lab Lot:	IP-PS-11-001	**Created By:**	K. Bitner	**Amount:**	125 mL
Part ID:	CLP-MS-SPK	**Create Date:**	1/19/2011	**Validated By:**	
MFG:	Inorganic Ventures	**MFG Lot:**	D2-MEB324154	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7429-90-5	Aluminum	200 ug/mL
2	7440-39-3	Barium	200 ug/mL
3	7440-48-4	Cobalt	50 ug/mL
4	7439-96-5	Manganese	50 ug/mL
5	7440-02-0	Nickel	50 ug/mL
6	7440-62-2	Vanadium	50 ug/mL
7	7440-66-6	Zinc	50 ug/mL
8	7440-50-8	Copper	25 ug/mL
9	7440-47-3	Chromium	20 ug/mL
10	7440-36-0	Antimony	10 ug/mL
11	7440-22-4	Silver	5 ug/mL
12	7440-41-7	Beryllium	5 ug/mL
13	7440-43-9	Cadmium	5 ug/mL
14	7440-28-0	Thallium	5 ug/mL
15	7440-38-2	Arsenic	4 ug/mL
16	7439-92-1	Lead	2 ug/mL
17	7782-49-2	Selenium	1 ug/mL

Working Standard - ICP-MS S50

ICP-MS S50				Description - ICP-MS S50 ILM/ISM	
Standard:	12635	**Expires:**	09/25/2011	**Usable:**	Yes
Lab Lot:	09/11/11 JTK	**Created By:**	J. Kershisnik	**Amount:**	200 mL
Part ID:		**Create Date:**	09/12/2011	**Validated By:**	
MFG:	JTK	**MFG Lot:**		**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7429-90-5	Aluminum	50 ug/L
2	7440-36-0	Antimony	50 ug/L
3	7440-38-2	Arsenic	50 ug/L
4	7440-39-3	Barium	50 ug/L
5	7440-41-7	Beryllium	50 ug/L
6	7440-43-9	Cadmium	50 ug/L
7	7440-70-2	Calcium	50 ug/L
8	7440-47-3	Chromium	50 ug/L
9	7440-48-4	Cobalt	50 ug/L
10	7440-50-8	Copper	50 ug/L
11	7439-89-6	Iron	50 ug/L
12	7439-92-1	Lead	50 ug/L
13	7439-95-4	Magnesium	50 ug/L
14	7439-96-5	Manganese	50 ug/L
15	7440-02-0	Nickel	50 ug/L
16	7440-09-7	Potassium	50 ug/L
17	7782-49-2	Selenium	50 ug/L
18	7440-22-4	Silver	50 ug/L
19	7440-23-5	Sodium	50 ug/L
20	7440-28-0	Thallium	50 ug/L
21	7440-62-2	Vanadium	50 ug/L
22	7440-66-6	Zinc	50 ug/L
23	7440-42-8	Boron	50 ug/L
24	7440-32-6	Titanium	50 ug/L
25	7439-98-7	Molybdenum	50 ug/L
26	7440-31-5	Tin	50 ug/L

Composition

Standard	Standard ID	Description	Lab Lot ID	Volume Added	Expires
4304	ASTMType2	ASTM Type 2 Deionized Water	ASTMType2Water	197 mL	12/31/2025
9130	6020Cal1	ICPMS EPA 6020 Cal#1	IP-PS-10-036	0.5 mL	10/1/2011
10479	Ultra-HNO3	Ultra Nitric Acid	1/19/11 KFB	2 mL	11/14/2013
10519	ICPMS CAL 3	ICPMS Calibration Std #3	IP-PS-11-005	0.5 mL	2/1/2012

Working Standard - ICP-MS S200

ICP-MS S200 — **Description - ICP-MS S200 ILM/ISM**

Standard:	12636	**Expires:**	09/25/2011	**Usable:**	Yes
Lab Lot:	09/11/11 JTK	**Created By:**	J. Kershisnik	**Amount:**	100 mL
Part ID:		**Create Date:**	09/12/2011	**Validated By:**	
MFG:	JTK	**MFG Lot:**		**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7429-90-5	Aluminum	200 ug/L
2	7440-36-0	Antimony	200 ug/L
3	7440-38-2	Arsenic	200 ug/L
4	7440-39-3	Barium	200 ug/L
5	7440-41-7	Beryllium	200 ug/L
6	7440-43-9	Cadmium	200 ug/L
7	7440-70-2	Calcium	200 ug/L
8	7440-47-3	Chromium	200 ug/L
9	7440-48-4	Cobalt	200 ug/L
10	7440-50-8	Copper	200 ug/L
11	7439-89-6	Iron	200 ug/L
12	7439-92-1	Lead	200 ug/L
13	7439-95-4	Magnesium	200 ug/L
14	7439-96-5	Manganese	200 ug/L
15	7440-02-0	Nickel	200 ug/L
16	7440-09-7	Potassium	200 ug/L
17	7782-49-2	Selenium	200 ug/L
18	7440-22-4	Silver	200 ug/L
19	7440-23-5	Sodium	200 ug/L
20	7440-28-0	Thallium	200 ug/L
21	7440-62-2	Vanadium	200 ug/L
22	7440-66-6	Zinc	200 ug/L
23	7440-42-8	Boron	200 ug/L
24	7440-32-6	Titanium	200 ug/L
25	7439-98-7	Molybdenum	200 ug/L
26	7440-31-5	Tin	200 ug/L

Composition

Standard	Standard ID	Description	Lab Lot ID	Volume Added	Expires
4304	ASTMType2	ASTM Type 2 Deionized Water	ASTMType2Water	97 mL	12/31/2025
9130	6020Cal1	ICPMS EPA 6020 Cal#1	IP-PS-10-036	1 mL	10/1/2011
10479	Ultra-HNO3	Ultra Nitric Acid	1/19/11 KFB	1 mL	11/14/2013
10519	ICPMS CAL 3	ICPMS Calibration Std #3	IP-PS-11-005	1 mL	2/1/2012

Working Standard - ICP-MS S500

ICP-MS S500 — **Description - ICP-MS S500 ILM/ISM**

Standard:	12637	**Expires:**	09/25/2011	**Usable:**	Yes
Lab Lot:	09/11/11	**Created By:**	J. Kershisnik	**Amount:**	100 mL
Part ID:		**Create Date:**	09/12/2011	**Validated By:**	
MFG:	JTK	**MFG Lot:**		**Validated Date:**	

Pos	Analyte	Name	Concentration
1	7429-90-5	Aluminum	500 ug/L
2	7440-36-0	Antimony	500 ug/L
3	7440-38-2	Arsenic	500 ug/L
4	7440-39-3	Barium	500 ug/L
5	7440-41-7	Beryllium	500 ug/L
6	7440-43-9	Cadmium	500 ug/L
7	7440-70-2	Calcium	500 ug/L
8	7440-47-3	Chromium	500 ug/L
9	7440-48-4	Cobalt	500 ug/L
10	7440-50-8	Copper	500 ug/L
11	7439-89-6	Iron	500 ug/L
12	7439-92-1	Lead	500 ug/L
13	7439-95-4	Magnesium	500 ug/L
14	7439-96-5	Manganese	500 ug/L
15	7440-02-0	Nickel	500 ug/L
16	7440-09-7	Potassium	500 ug/L
17	7782-49-2	Selenium	500 ug/L
18	7440-22-4	Silver	500 ug/L
19	7440-23-5	Sodium	500 ug/L
20	7440-28-0	Thallium	500 ug/L
21	7440-62-2	Vanadium	500 ug/L
22	7440-66-6	Zinc	500 ug/L
23	7440-42-8	Boron	500 ug/L
24	7440-32-6	Titanium	500 ug/L
25	7439-98-7	Molybdenum	500 ug/L
26	7440-31-5	Tin	500 ug/L

Composition

Standard	Standard ID	Description	Lab Lot ID	Volume Added	Expires
4304	ASTMType2	ASTM Type 2 Deionized Water	ASTMType2Water	94 mL	12/31/2025
9130	6020Cal1	ICPMS EPA 6020 Cal#1	IP-PS-10-036	2.5 mL	10/1/2011
10479	Ultra-HNO3	Ultra Nitric Acid	1/19/11 KFB	1 mL	11/14/2013
10519	ICPMS CAL 3	ICPMS Calibration Std #3	IP-PS-11-005	2.5 mL	2/1/2012

Stock Standard - DATACHEM-1

DATACHEM-1		Description - ICPMS DATACHEM-1 (No Silver			
Standard:	11241	**Expires:**	5/1/2012	**Usable:**	Yes
Lab Lot:	IP-PS-11-014	**Created By:**	K. Bitner	**Amount:**	250 mL
Part ID:	DATACHEM-1	**Create Date:**	4/8/2011	**Validated By:**	
MFG:	Inorganic Ventures	**MFG Lot:**	E2-MEB372031	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7429-90-5	Aluminum	20 ug/mL
2	7440-36-0	Antimony	20 ug/mL
3	7440-38-2	Arsenic	20 ug/mL
4	7440-39-3	Barium	20 ug/mL
5	7440-41-7	Beryllium	20 ug/mL
6	7440-43-9	Cadmium	20 ug/mL
7	7440-70-2	Calcium	20 ug/mL
8	7440-47-3	Chromium	20 ug/mL
9	7440-48-4	Cobalt	20 ug/mL
10	7440-50-8	Copper	20 ug/mL
11	7439-89-6	Iron	20 ug/mL
12	7439-92-1	Lead	20 ug/mL
13	7439-95-4	Magnesium	20 ug/mL
14	7439-96-5	Manganese	20 ug/mL
15	7440-02-0	Nickel	20 ug/mL
16	7440-09-7	Potassium	20 ug/mL
17	7440-23-5	Sodium	20 ug/mL
18	7440-28-0	Thallium	20 ug/mL
19	7440-62-2	Vanadium	20 ug/mL
20	7440-66-6	Zinc	20 ug/mL

Working Standard - ISM MS100000

ISM MS100000				Description - ICP-MS ISM01.2 S100,000 ug/L	
Standard:	12642	**Expires:**	09/25/2011	**Usable:**	Yes
Lab Lot:	09/11/11 JTK	**Created By:**	J. Kershisnik	**Amount:**	100 mL
Part ID:	ICP-MS ISM S100000	**Create Date:**	09/12/2011	**Validated By:**	
MFG:	JTK	**MFG Lot:**		**Validated Date:**	

Pos	Analyte	Name	Concentration
1	7440-70-2	Calcium	100000 ug/L
2	7440-09-7	Potassium	100000 ug/L
3	7439-95-4	Magnesium	100000 ug/L
4	7440-23-5	Sodium	100000 ug/L
5	7429-90-5	Aluminum	100000 ug/L
6	7439-89-6	Iron	100000 ug/L

Composition

Standard	Standard ID	Description	Lab Lot ID	Volume Added	Expires
4304	ASTMType2	ASTM Type 2 Deionized Water	ASTMType2Water	97.6 mL	12/31/2025
10479	Ultra-HNO3	Ultra Nitric Acid	1/19/11 KFB	1 mL	11/14/2013
10762	IV-STOCK-2		ICP-CLP	1 mL	3/1/2012
11458	ALSUT-STD-	ISM01.2 Standard	ICP-CLP	0.4 mL	5/1/2012

Working Standard - ICPMS CLPICV

ICPMS CLPICV — **Description - ICP-MS ICV ILM05.4/ISM01.2**

Standard:	12638	**Expires:**	09/25/2011	**Usable:**	Yes
Lab Lot:	09/11/11 JTK	**Created By:**	J. Kershisnik	**Amount:**	100 mL
Part ID:		**Create Date:**	09/12/2011	**Validated By:**	
MFG:	JTK	**MFG Lot:**		**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7429-90-5	Aluminum	504.2 ug/L
2	7440-36-0	Antimony	198.8 ug/L
3	7440-38-2	Arsenic	199.8 ug/L
4	7440-39-3	Barium	99.4 ug/L
5	7440-41-7	Beryllium	99 ug/L
6	7440-43-9	Cadmium	99.2 ug/L
7	7440-70-2	Calcium	2005.2 ug/L
8	7440-47-3	Chromium	98 ug/L
9	7440-48-4	Cobalt	99.8 ug/L
10	7440-50-8	Copper	98.4 ug/L
11	7439-89-6	Iron	1016.4 ug/L
12	7439-92-1	Lead	200.4 ug/L
13	7439-95-4	Magnesium	1214.8 ug/L
14	7439-96-5	Manganese	99.8 ug/L
15	7440-02-0	Nickel	100.6 ug/L
16	7440-09-7	Potassium	2004.2 ug/L
17	7782-49-2	Selenium	205.8 ug/L
18	7440-22-4	Silver	100.2 ug/L
19	7440-23-5	Sodium	2019.4 ug/L
20	7440-28-0	Thallium	205.6 ug/L
21	7440-62-2	Vanadium	100.2 ug/L
22	7440-66-6	Zinc	205 ug/L
23	7439-98-7	Molybdenum	200 ug/L
24	7440-29-1	Thorium	200 ug/L
25	7440-61-1	Uranium	200 ug/L

Composition

Standard	Standard ID	Description	Lab Lot ID	Volume Added	Expires
4304	ASTMType2	ASTM Type 2 Deionized Water	ASTMType2Water	95 mL	12/31/2025
5107	CLPICP-ICV1	CLP-ICP/ICPMS-ICV-1(0307)	IP-PS-09-044	2 mL	8/12/2020
9944	ICPMS ICS#4	Instrument Check Standard #4	IP-PS-10-061	2 mL	11/15/2011
10479	Ultra-HNO3	Ultra Nitric Acid	1/19/11 KFB	1 mL	11/14/2013

Working Standard - ICP-MS ICSA

ICP-MS ICSA — **Description - ICP-MS ILM05.4/ISM01.2**

Standard:	12639	**Expires:**	09/25/2011	**Usable:**	Yes
Lab Lot:	09/11/11 JTK	**Created By:**	J. Kershisnik	**Amount:**	100 mL
Part ID:		**Create Date:**	09/12/2011	**Validated By:**	
MFG:	JTK	**MFG Lot:**		**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7429-90-5	Aluminum	100000 ug/L
2	7440-39-3	Barium	1.2 ug/L
3	7440-70-2	Calcium	100000 ug/L
4	7440-47-3	Chromium	21 ug/L
5	7440-48-4	Cobalt	1 ug/L
6	7440-50-8	Copper	8 ug/L
7	7439-89-6	Iron	100000 ug/L
8	7439-92-1	Lead	4 ug/L
9	7439-95-4	Magnesium	100000 ug/L
10	7439-96-5	Manganese	7 ug/L
11	7440-02-0	Nickel	6 ug/L
12	7440-66-6	Zinc	11 ug/L
13	7440-36-0	Antimony	1.5 ug/L
14	7440-38-2	Arsenic	0.1 ug/L
15	7440-41-7	Beryllium	0 ug/L
16	7440-43-9	Cadmium	0.7 ug/L
17	7440-44-0	Carbon	200000 ug/L
18	16887-00-6	Chloride	1000000 ug/L
19	7439-98-7	Molybdenum	2000 ug/L
20	7723-14-0	Phosphorus	100000 ug/L
21	7440-09-7	Potassium	100000 ug/L
22	7782-49-2	Selenium	0.3 ug/L
23	7440-22-4	Silver	0 ug/L
24	7440-23-5	Sodium	100000 ug/L
25	63705-05-5	Sulfur	100000 ug/L
26	7440-28-0	Thallium	0 ug/L
27	7440-32-6	Titanium	2000 ug/L
28	7440-62-2	Vanadium	0.5 ug/L

Composition

Standard	Standard ID	Description	Lab Lot ID	Volume Added	Expires
4304	ASTMType2	ASTM Type 2 Deionized Water	ASTMType2Water	89 mL	12/31/2025
5114	CLPICP-ICS-	CLP-ICP-ICS-Part A(1206)	IP-PS-09-051	10 mL	8/12/2020
10479	Ultra-HNO3	Ultra Nitric Acid	1/19/11 KFB	1 mL	11/14/2013

Working Standard - ICP-MS ICSAB

ICP-MS ICSAB — Description - ICP-MS ICSAB ILM05.4/ISM01.2

Standard:	12640	**Expires:**	09/25/2011	**Usable:**	Yes
Lab Lot:	09/11/11 JTK	**Created By:**	J. Kershisnik	**Amount:**	100 mL
Part ID:		**Create Date:**	09/12/2011	**Validated By:**	
MFG:	JTK	**MFG Lot:**		**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7429-90-5	Aluminum	ug/L
2	7440-39-3	Barium	ug/L
3	7440-70-2	Calcium	ug/L
4	7440-47-3	Chromium	ug/L
5	7440-48-4	Cobalt	ug/L
6	7440-50-8	Copper	ug/L
7	7439-89-6	Iron	ug/L
8	7439-92-1	Lead	ug/L
9	7439-95-4	Magnesium	ug/L
10	7439-96-5	Manganese	ug/L
11	7440-02-0	Nickel	ug/L
12	7440-66-6	Zinc	ug/L
13	7440-36-0	Antimony	ug/L
14	7440-38-2	Arsenic	ug/L
15	7440-41-7	Beryllium	ug/L
16	7440-43-9	Cadmium	ug/L
17	7440-44-0	Carbon	ug/L
18	16887-00-6	Chloride	ug/L
19	7439-98-7	Molybdenum	ug/L
20	7723-14-0	Phosphorus	ug/L
21	7440-09-7	Potassium	ug/L
22	7782-49-2	Selenium	ug/L
23	7440-22-4	Silver	ug/L
24	7440-23-5	Sodium	ug/L
25	63705-05-5	Sulfur	ug/L
26	7440-28-0	Thallium	ug/L
27	7440-32-6	Titanium	ug/L
28	7440-62-2	Vanadium	ug/L

Composition

Standard	Standard ID	Description	Lab Lot ID	Volume Added	Expires
4304	ASTMType2	ASTM Type 2 Deionized Water	ASTMType2Water	79 mL	12/31/2025
5114	CLPICP-ICS-	CLP-ICP-ICS-Part A(1206)	IP-PS-09-051	10 mL	8/12/2020
5120	CLPICP-ICS-	CLP-ICP-ICS-Part B(0203)	IP-PS-09-057	10 mL	8/12/2020
10479	Ultra-HNO3	Ultra Nitric Acid	1/19/11 KFB	1 mL	11/14/2013

Working Standard - ISM MS CCV

ISM MS CCV — **Description - ICP-MS ISM01.2 CCV**

Standard:	12641	**Expires:**	09/25/2011	**Usable:**	Yes
Lab Lot:	09/11/11 JTK	**Created By:**	J. Kershisnik	**Amount:**	100 mL
Part ID:	ICP-MS ISM CCV	**Create Date:**	09/12/2011	**Validated By:**	
MFG:	JTK	**MFG Lot:**		**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7440-70-2	Calcium	50000 ug/L
2	7440-09-7	Potassium	50000 ug/L
3	7439-95-4	Magnesium	50000 ug/L
4	7440-23-5	Sodium	50000 ug/L
5	7440-22-4	Silver	250 ug/L
6	7782-49-2	Selenium	250 ug/L
7	7429-90-5	Aluminum	50000 ug/L
8	7440-36-0	Antimony	2500 ug/L
9	7440-38-2	Arsenic	2500 ug/L
10	7440-39-3	Barium	2500 ug/L
11	7440-41-7	Beryllium	2500 ug/L
12	7440-43-9	Cadmium	2500 ug/L
13	7440-47-3	Chromium	2500 ug/L
14	7440-48-4	Cobalt	2500 ug/L
15	7440-50-8	Copper	2500 ug/L
16	7439-89-6	Iron	50000 ug/L
17	7439-92-1	Lead	2500 ug/L
18	7439-96-5	Manganese	2500 ug/L
19	7440-02-0	Nickel	2500 ug/L
20	7440-28-0	Thallium	2500 ug/L
21	7440-62-2	Vanadium	2500 ug/L
22	7440-66-6	Zinc	2500 ug/L

Composition

Standard	Standard ID	Description	Lab Lot ID	Volume Added	Expires
4304	ASTMType2	ASTM Type 2 Deionized Water	ASTMType2Water	85.785 mL	12/31/2025
10479	Ultra-HNO3	Ultra Nitric Acid	1/19/11 KFB	1 mL	11/14/2013
10762	IV-STOCK-2		ICP-CLP	0.475 mL	3/1/2012
11164	Ag Stock	1,000 ug/mL Ag Stock	Elements Ag 1,000	0.025 mL	9/30/2012
11166	Se Stock low	1,000 ug/mL Se Stock	Elements Se 1,000	0.025 mL	9/30/2012
11241	DATACHEM-	ICPMS DATACHEM-1 (No Silver o	IP-PS-11-014	12.5 mL	5/1/2012
11458	ALSUT-STD-	ISM01.2 Standard	ICP-CLP	0.19 mL	5/1/2012

Stock Standard - 6020ISS

6020ISS					Description - ICPMS EPA 6020 ISS
Standard:	11206	**Expires:**	4/1/2012	**Usable:**	Yes
Lab Lot:	IP-PS-11-011	**Created By:**	K. Bitner	**Amount:**	125 mL
Part ID:	6020ISS	**Create Date:**	4/5/2011	**Validated By:**	
MFG:	Inorganic Ventures	**MFG Lot:**	E2-MEB365110	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7439-93-2(6)	Lithium-6	10 ug/mL
2	7440-74-6	Indium	10 ug/mL
3	7440-27-9	Terbium	10 ug/mL
4	7440-69-9	Bismuth	10 ug/mL
5	7440-16-6	Rhodium	10 ug/mL
6	7440-65-5	Yttrium	10 ug/mL
7	7440-60-0	Holmium	10 ug/mL
8	7440-20-2	Scandium	10 ug/mL

Stock Standard - IMS MES2

IMS MES2				Description - Multi-element Solution #2	
Standard:	9255	**Expires:**	9/15/2011	**Usable:**	Yes
Lab Lot:	IP-PS-10-037	**Created By:**	K. Bitner	**Amount:**	125 mL
Part ID:	CLMS-2	**Create Date:**	9/16/2010	**Validated By:**	
MFG:	SPEX	**MFG Lot:**	18-195JB	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7440-22-4	Silver	10 mg/L
2	7429-90-5	Aluminum	10 mg/L
3	7440-38-2	Arsenic	10 mg/L
4	7440-39-3	Barium	10 mg/L
5	7440-41-7	Beryllium	10 mg/L
6	7440-69-9	Bismuth	10 mg/L
7	7440-70-2	Calcium	10 mg/L
8	7440-43-9	Cadmium	10 mg/L
9	7440-48-4	Cobalt	10 mg/L
10	7440-47-3	Chromium	10 mg/L
11	7440-46-2	Cesium	10 mg/L
12	7440-50-8	Copper	10 mg/L
13	7439-89-6	Iron	10 mg/L
14	7440-55-3	Gallium	10 mg/L
15	7440-74-6	Indium	10 mg/L
16	7440-09-7	Potassium	10 mg/L
17	7439-93-2	Lithium	10 mg/L
18	7439-95-4	Magnesium	10 mg/L
19	7439-96-5	Manganese	10 mg/L
20	7440-23-5	Sodium	10 mg/L
21	7440-02-0	Nickel	10 mg/L
22	7439-92-1	Lead	10 mg/L
23	7440-17-7	Rubidium	10 mg/L
24	7782-49-2	Selenium	10 mg/L
25	7440-24-6	Strontium	10 mg/L
26	7440-28-0	Thallium	10 mg/L
27	7440-61-1	Uranium	10 mg/L
28	7440-62-2	Vanadium	10 mg/L
29	7440-66-6	Zinc	10 mg/L

Stock Standard - Var-Tune Std

Var-Tune Std				Description - Var Tune Std/CLP, 200.8 Tune	
Standard:	9375	**Expires:**	10/1/2011	**Usable:**	Yes
Lab Lot:	IP-PS-10-053	**Created By:**	K. Bitner	**Amount:**	125 mL
Part ID:	VAR-TS-MS	**Create Date:**	9/29/2010	**Validated By:**	
MFG:	Inorganic Ventures	**MFG Lot:**	D2-MEB335082	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7440-39-3	Barium	10 mg/L
2	7440-41-7	Beryllium	10 mg/L
3	7440-45-1	Cerium	10 mg/L
4	7440-48-4	Cobalt	10 mg/L
5	7440-74-6	Indium	10 mg/L
6	7439-92-1	Lead	10 mg/L
7	7439-95-4	Magnesium	10 mg/L
8	7440-28-0	Thallium	10 mg/L
9	7440-29-1	Thorium	10 mg/L

Stock Standard - CLPICP-ICV1

CLPICP-ICV1					Description - CLP-ICP/ICPMS-ICV-1
Standard:	5107	**Expires:**	8/12/2020	**Usable:**	Yes
Lab Lot:	IP-PS-09-044	**Created By:**	K. Bitner	**Amount:**	100 mL
Part ID:		**Create Date:**	8/12/2009	**Validated By:**	
MFG:	QATS Laboratory	**MFG Lot:**	0307	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7429-90-5	Aluminum	25210 ug/L
2	7440-36-0	Antimony	9940 ug/L
3	7440-38-2	Arsenic	9990 ug/L
4	7440-39-3	Barium	4970 ug/L
5	7440-41-7	Beryllium	4950 ug/L
6	7440-43-9	Cadmium	4960 ug/L
7	7440-70-2	Calcium	100260 ug/L
8	7440-47-3	Chromium	4900 ug/L
9	7440-48-4	Cobalt	4990 ug/L
10	7440-50-8	Copper	4920 ug/L
11	7439-89-6	Iron	50820 ug/L
12	7439-92-1	Lead	10020 ug/L
13	7439-95-4	Magnesium	60740 ug/L
14	7439-96-5	Manganese	4990 ug/L
15	7440-02-0	Nickel	5030 ug/L
16	7440-09-7	Potassium	100210 ug/L
17	7782-49-2	Selenium	10290 ug/L
18	7440-22-4	Silver	5010 ug/L
19	7440-23-5	Sodium	100970 ug/L
20	7440-28-0	Thallium	10280 ug/L
21	7440-62-2	Vanadium	5010 ug/L
22	7440-66-6	Zinc	10250 ug/L

Stock Standard - CLPICP-ICS-A

CLPICP-ICS-A				Description - CLP-ICP-MS-ICS-Part A	
Standard:	5114	**Expires:**	8/12/2020	**Usable:**	Yes
Lab Lot:	IP-PS-09-051	**Created By:**	K. Bitner	**Amount:**	100 mL
Part ID:		**Create Date:**	8/12/2009	**Validated By:**	
MFG:	QATS Laboratory	**MFG Lot:**	0803	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7429-90-5	Aluminum	1000000 ug/L
2	7440-39-3	Barium	12 ug/L
3	7440-70-2	Calcium	1000000 ug/L
4	7440-47-3	Chromium	210 ug/L
5	7440-48-4	Cobalt	10 ug/L
6	7440-50-8	Copper	80 ug/L
7	7439-89-6	Iron	1000000 ug/L
8	7439-92-1	Lead	40 ug/L
9	7439-95-4	Magnesium	1000000 ug/L
10	7439-96-5	Manganese	70 ug/L
11	7440-02-0	Nickel	60 ug/L
12	7440-66-6	Zinc	110 ug/L
13	7440-36-0	Antimony	15 ug/L
14	7440-38-2	Arsenic	1 ug/L
15	7440-41-7	Beryllium	0 ug/L
16	7440-43-9	Cadmium	7 ug/L
17	7440-44-0	Carbon	2000000 ug/L
18	16887-00-6	Chloride	10000000 ug/L
19	7439-98-7	Molybdenum	20000 ug/L
20	7723-14-0	Phosphorus	1000000 ug/L
21	7440-09-7	Potassium	1000000 ug/L
22	7782-49-2	Selenium	3 ug/L
23	7440-22-4	Silver	0 ug/L
24	7440-23-5	Sodium	1000000 ug/L
25	63705-05-5	Sulfur	1000000 ug/L
26	7440-28-0	Thallium	0 ug/L
27	7440-32-6	Titanium	20000 ug/L
28	7440-62-2	Vanadium	5 ug/L

Stock Standard - CLPICP-ICS-B

CLPICP-ICS-B					Description - CLP-ICP-MS-ICS-Part B
Standard:	5120	**Expires:**	8/12/2020	**Usable:**	Yes
Lab Lot:	IP-PS-09-057	**Created By:**	K. Bitner	**Amount:**	100 mL
Part ID:		**Create Date:**	8/12/2009	**Validated By:**	
MFG:	QATS Laboratory	**MFG Lot:**	0803	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7429-90-5	Aluminum	0 ug/L
2	7440-39-3	Barium	205 ug/L
3	7440-70-2	Calcium	0 ug/L
4	7440-47-3	Chromium	190 ug/L
5	7440-48-4	Cobalt	190 ug/L
6	7440-50-8	Copper	170 ug/L
7	7439-89-6	Iron	0 ug/L
8	7439-92-1	Lead	210 ug/L
9	7439-95-4	Magnesium	0 ug/L
10	7439-96-5	Manganese	200 ug/L
11	7440-02-0	Nickel	180 ug/L
12	7440-66-6	Zinc	180 ug/L
13	7440-36-0	Antimony	205 ug/L
14	7440-38-2	Arsenic	189 ug/L
15	7440-41-7	Beryllium	190 ug/L
16	7440-43-9	Cadmium	193 ug/L
17	7440-44-0	Carbon	0 ug/L
18	16887-00-6	Chloride	0 ug/L
19	7439-98-7	Molybdenum	0 ug/L
20	7723-14-0	Phosphorus	0 ug/L
21	7440-09-7	Potassium	0 ug/L
22	7782-49-2	Selenium	187 ug/L
23	7440-22-4	Silver	180 ug/L
24	7440-23-5	Sodium	0 ug/L
25	63705-05-5	Sulfur	0 ug/L
26	7440-28-0	Thallium	210 ug/L
27	7440-32-6	Titanium	0 ug/L
28	7440-62-2	Vanadium	185 ug/L

Stock Standard - Ca Stock

Ca Stock				Description - 10,000 ug/mL Ca Stock	
Standard:	8671	**Expires:**	12/31/2011	**Usable:**	Yes
Lab Lot:	Elements Ca 10,000 ug/mL	**Created By:**	A. Petersen	**Amount:**	500 mL
Part ID:	Ca10K-500	**Create Date:**	7/19/2010	**Validated By:**	
MFG:	Elements	**MFG Lot:**	CS7012519	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7440-70-2	Calcium	10000 ug/mL

Stock Standard - Fe Stock

Fe Stock				Description - 10,000 ug/mL Fe Stock	
Standard:	8675	**Expires:**	12/31/2011	**Usable:**	Yes
Lab Lot:	Elements Fe 10,000 ug/mL	**Created By:**	A. Petersen	**Amount:**	250 mL
Part ID:	Fe10K-250	**Create Date:**	7/19/2010	**Validated By:**	
MFG:	Elements	**MFG Lot:**	CS7012423	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7439-89-6	Iron	10000 ug/mL

Stock Standard - K Stock

K Stock				Description - 10,000 ug/mL K Stock	
Standard:	8677	**Expires:**	12/31/2011	**Usable:**	Yes
Lab Lot:	Elements K 10,000	**Created By:**	A. Petersen	**Amount:**	500 mL
Part ID:	K10k-500	**Create Date:**	7/19/2010	**Validated By:**	
MFG:	Elements	**MFG Lot:**	CS7012461	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7440-09-7	Potassium	10000 ug/mL

Stock Standard - 6020Cal1

6020Cal1				Description - ICPMS EPA 6020 Cal#1	
Standard:	9130	**Expires:**	10/1/2011	**Usable:**	Yes
Lab Lot:	IP-PS-10-036	**Created By:**	K. Bitner	**Amount:**	125 mL
Part ID:	6020CAL-1	**Create Date:**	9/8/2010	**Validated By:**	
MFG:	Inorganic Ventures	**MFG Lot:**	B2-MEB236100	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7429-90-5	Aluminum	20 mg/L
2	7440-36-0	Antimony	20 mg/L
3	7440-38-2	Arsenic	20 mg/L
4	7440-39-3	Barium	20 mg/L
5	7440-41-7	Beryllium	20 mg/L
6	7440-43-9	Cadmium	20 mg/L
7	7440-70-2	Calcium	20 mg/L
8	7440-47-3	Chromium	20 mg/L
9	7440-48-4	Cobalt	20 mg/L
10	7440-50-8	Copper	20 mg/L
11	7439-89-6	Iron	20 mg/L
12	7439-92-1	Lead	20 mg/L
13	7439-95-4	Magnesium	20 mg/L
14	7439-96-5	Manganese	20 mg/L
15	7440-02-0	Nickel	20 mg/L
16	7440-09-7	Potassium	20 mg/L
17	7782-49-2	Selenium	20 mg/L
18	7440-22-4	Silver	20 mg/L
19	7440-23-5	Sodium	20 mg/L
20	7440-28-0	Thallium	20 mg/L
21	7440-62-2	Vanadium	20 mg/L
22	7440-66-6	Zinc	20 mg/L

Stock Standard - Al stock

Al stock				**Description - 10,000 ug/mL Al Stock**	
Standard:	9838	**Expires:**	5/31/2012	**Usable:**	Yes
Lab Lot:	Elements Al 10,000 ug/mL	**Created By:**	P. Foote	**Amount:**	500 mL
Part ID:	Al10K-500	**Create Date:**	11/11/2010	**Validated By:**	
MFG:	Elements	**MFG Lot:**	CS7012578	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7429-90-5	Aluminum	10000 ug/mL

Stock Standard - Mg Stock

Mg Stock				**Description - 10,000 ug/mL Mg**	
Standard:	9841	**Expires:**	5/31/2012	**Usable:**	Yes
Lab Lot:	Elements Mg 10,000 ug/mL	**Created By:**	P. Foote	**Amount:**	500 mL
Part ID:	Mg10k-500	**Create Date:**	11/11/2010	**Validated By:**	
MFG:	Elements	**MFG Lot:**	CS7012590	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7439-95-4	Magnesium	10000 ug/mL

Stock Standard - Na Stock

Na Stock				**Description - 10000 ug/mL Na**	
Standard:	9842	**Expires:**	5/31/2012	**Usable:**	Yes
Lab Lot:	Elements Na 10,000 ug/mL	**Created By:**	P. Foote	**Amount:**	250 mL
Part ID:	Na10K-500	**Create Date:**	11/11/2010	**Validated By:**	
MFG:	Elements	**MFG Lot:**	CS7012520	***Validated Date:***	

Pos.	Analyte	Name	Concentration
1	7440-23-5	Sodium	10000 ug/mL

Stock Standard - ICPMS ICS#4

ICPMS ICS#4				**Description - Instrument Check Standard #4**	
Standard:	9944	**Expires:**	11/15/2011	**Usable:**	Yes
Lab Lot:	IP-PS-10-061	**Created By:**	K. Bitner	**Amount:**	125 mL
Part ID:	CL-ICS-4	**Create Date:**	11/23/2010	**Validated By:**	
MFG:	SPEX	**MFG Lot:**	41-75AS	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7439-98-7	Molybdenum	10 mg/L
2	7440-29-1	Thorium	10 mg/L
3	7440-61-1	Uranium	10 mg/L

Stock Standard - ICPMS CAL 3

ICPMS CAL 3				**Description - ICPMS Calibration Std #3**	
Standard:	10519	**Expires:**	2/1/2012	**Usable:**	Yes
Lab Lot:	IP-PS-11-005	**Created By:**	K. Bitner	**Amount:**	125 mL
Part ID:	DATACHEM-CAL-3	**Create Date:**	1/25/2011	**Validated By:**	
MFG:	Inorganic Ventures	**MFG Lot:**	D2-MEB346073	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7440-42-8	Boron	20 ug/mL
2	7440-32-6	Titanium	20 ug/mL
3	7439-98-7	Molybdenum	20 ug/mL
4	7440-31-5	Tin	20 ug/mL

Stock Standard - IV-STOCK-2

IV-STOCK-2					Description - IV-STOCK-2
Standard:	10762	**Expires:**	3/1/2012	**Usable:**	Yes
Lab Lot:	ICP-CLP	**Created By:**	J. Sanchez	**Amount:**	500 mL
Part ID:	P10181H	**Create Date:**	2/18/2011	**Validated By:**	
MFG:	Inorganic Ventures	**MFG Lot:**	D2-MEB328082	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7440-70-2	Calcium	10000 ug/mL
2	7440-09-7	Potassium	10000 ug/mL
3	7439-95-4	Magnesium	10000 ug/mL
4	7440-23-5	Sodium	10000 ug/mL

Stock Standard - Ag Stock

Ag Stock				**Description - 1,000 ug/mL Ag Stock**	
Standard:	11164	**Expires:**	9/30/2012	**Usable:**	Yes
Lab Lot:	Elements Ag 1,000 ug/mL	**Created By:**	J. Sanchez	**Amount:**	250 mL
Part ID:	Ag1000-250	**Create Date:**	3/31/2011	**Validated By:**	
MFG:	Elements	**MFG Lot:**	CS7012429	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7440-22-4	Silver	1000 ug/mL

Stock Standard - Se Stock low

Se Stock low				**Description - 1,000 ug/mL Se Stock**	
Standard:	11166	**Expires:**	9/30/2012	**Usable:**	Yes
Lab Lot:	Elements Se 1,000 ug/mL	**Created By:**	J. Sanchez	**Amount:**	250 mL
Part ID:	Se1000-250	**Create Date:**	3/31/2011	**Validated By:**	
MFG:	Elements	**MFG Lot:**	CS7012455	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7782-49-2	Selenium	1000 ug/mL

STANDARD REPORT

Constituent

Stock Standard - ALSUT-STD-1

ALSUT-STD-1					Description - ISM01.2 Standard
Standard:	11458	**Expires:**	5/1/2012	**Usable:**	Yes
Lab Lot:	ICP-CLP	**Created By:**	J. Sanchez	**Amount:**	500 mL
Part ID:	ALSUT-STD-1	**Create Date:**	4/29/2011	**Validated By:**	
MFG:	Inorganic Ventures	**MFG Lot:**	E2-MEB372130	**Validated Date:**	

Pos.	Analyte	Name	Concentration
1	7429-90-5	Aluminum	25000 ug/mL
2	7439-89-6	Iron	25000 ug/mL

Solvent Standard - ASTMType2Wat

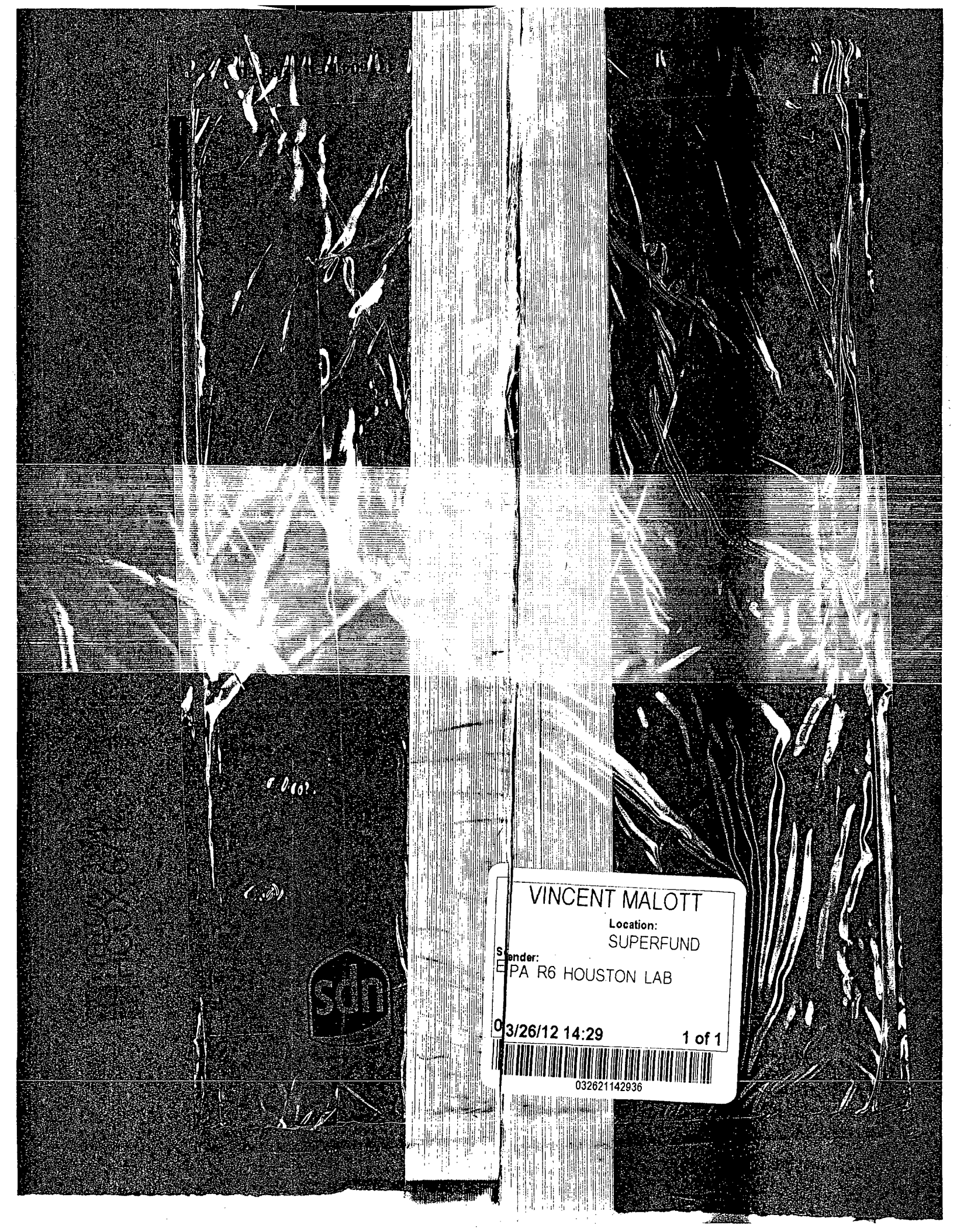
ASTMType2Wat				**Description - ASTM Type 2 Deionized Water**	
Standard:	4304	**Expires:**	12/31/2025	**Usable:**	Yes
Lab Lot:	ASTMType2Water	**Created By:**	R. Lemon	**Amount:**	1 L
Part ID:		**Create Date:**	6/1/2009	**Validated By:**	
MFG:		**MFG Lot:**		**Validated Date:**	

Pos.	Analyte	Name	Concentration
Solvent - Analyte(s) not applicable			

Solvent Standard - Ultra-HNO3

Ultra-HNO3					Description - Ultra Nitric Acid
Standard:	10479	**Expires:**	11/14/2013	**Usable:**	Yes
Lab Lot:	1/19/11 KFB	**Created By:**	K. Bitner	**Amount:**	2000 mL
Part ID:		**Create Date:**	1/20/2011	**Validated By:**	
MFG:	BDH Aristar Ultra	**MFG Lot:**	1210080	**Validated Date:**	

Pos.	Analyte	Name	Concentration
Solvent - Analyte(s) not applicable			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