

ESS Laboratory

Division of Thielsch Engineering, Inc.


CERTIFICATE OF ANALYSIS

PROJECT NARRATIVE

Chris Ricardi
MACTEC Engineering & Consulting, Inc.
511 Congress Street
Portland, ME 04101

RE: Providence Gorham Site
ESS Laboratory Work Order Number: 0608042

This signed Certificate of Analysis is our approved release of your analytical results. Beginning with this Project Narrative, the entire report has been paginated. The ESS Laboratory Certifications sheet is the final report page. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been mailed. If you have any questions or concerns, please feel free to call our Customer Service Department.



Laurel Stoddard
Laboratory Director

Date: August 30, 2006

Sample Receipt

6 Soil samples were received on August 02, 2006 for the analyses specified on the enclosed Chain of Custody Record.

Analytical Summary

The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration may be used instead of automated integration because it produces more accurate results.

ESS Laboratory certifies that the test results meet the requirements of NELAC, except where noted within this project narrative.

Metals Analysis

ESS Laboratory utilized the established linear dynamic range to determine acceptable analytical results. The batch Matrix Spike was outside of the recommended range for Copper due to matrix interferences.

No other observations noted.

End of Project Narrative.

mdp

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Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Providence Gorham Site
Client Sample ID: SS-SI 64 B1
Date Sampled: 08/02/06 11:15
Percent Solids: 48

ESS Laboratory Work Order: 0608042
ESS Laboratory Sample ID: 0608042-01
Sample Matrix: Soil

3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Copper	5440	mg/kg dry	23.0	6010B	10	SVD	08/03/06	1.81	100

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Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Providence Gorham Site
Client Sample ID: SS-SI 64 B1 Dup
Date Sampled: 08/02/06 11:15
Percent Solids: 61

ESS Laboratory Work Order: 0608042
ESS Laboratory Sample ID: 0608042-02
Sample Matrix: Soil

3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Copper	9830	mg/kg dry	36.3	6010B	20	SVD	08/03/06	1.8	100

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Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Providence Gorham Site
Client Sample ID: SS-SI 65 N
Date Sampled: 08/02/06 11:20
Percent Solids: 41

ESS Laboratory Work Order: 0608042
ESS Laboratory Sample ID: 0608042-03
Sample Matrix: Soil

3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Copper	16900	mg/kg dry	137	6010B	50	SVD	08/03/06	1.78	100

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CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Providence Gorham Site
Client Sample ID: SS-SI 66 S
Date Sampled: 08/02/06 11:25
Percent Solids: 80

ESS Laboratory Work Order: 0608042
ESS Laboratory Sample ID: 0608042-04
Sample Matrix: Soil

3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Copper	3970	mg/kg dry	27.1	6010B	20	SVD	08/03/06	1.84	100

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Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Providence Gorham Site
Client Sample ID: SS-SI 67 W
Date Sampled: 08/02/06 11:30
Percent Solids: 83

ESS Laboratory Work Order: 0608042
ESS Laboratory Sample ID: 0608042-05
Sample Matrix: Soil

3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Copper	2110	mg/kg dry	12.9	6010B	10	SVD	08/03/06	1.86	100

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Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Providence Gorham Site
Client Sample ID: SS-SI 68 E
Date Sampled: 08/02/06 11:35
Percent Solids: 51

ESS Laboratory Work Order: 0608042
ESS Laboratory Sample ID: 0608042-06
Sample Matrix: Soil

3050B/6000/7000 Total Metals

<u>Analyte</u>	<u>Results</u>	<u>Units</u>	<u>MRL</u>	<u>Method</u>	<u>DF</u>	<u>Analyst</u>	<u>Analyzed</u>	<u>I/V</u>	<u>F/V</u>
Copper	10700	mg/kg dry	44.7	6010B	20	SVD	08/03/06	1.75	100

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Providence Gorham Site

ESS Laboratory Work Order: 0608042

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
3050B/6000/7000 Total Metals										
Batch BH60210 - 3050B										
Blank										
Copper	ND	1.3	mg/kg wet							
LCS										
Copper	33.9	1.3	mg/kg wet	33.3		102	80-120			
LCS Dup										
Copper	33.1	1.3	mg/kg wet	33.3		99	80-120	2	20	
Duplicate Source: 0608042-06										
Copper	8960	43.7	mg/kg dry		10700			18	35	
Matrix Spike Source: 0608042-06										
Copper	12500	44.5	mg/kg dry	55.7	10700	NR	75-125			+
Reference										
Copper	125	2.0	mg/kg wet	70.0		179	82.14-118			+
Reference										
Copper	435	2.0	mg/kg wet	500		87	70-130			

ESS Laboratory

Division of Thielsch Engineering, Inc.

CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Providence Gorham Site

ESS Laboratory Work Order: 0608042

Notes and Definitions

- + Outside QC Limits.
- ND Analyte NOT DETECTED above the detection limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- MDL Method Detection Limit
- MRL Method Reporting Limit
- mg/kg Results reported as wet weight
- TCLP Toxicity Characteristic Leachate Procedure
- I/V Initial Volume
- F/V Final Volume
- § Subcontracted analysis; see attached report
- TIC A forward library search of the NBS Mass Spectral Library was performed on this sample using the McLafferty Probability Base Matching (PBM) Algorithm. An estimated concentration of non-TCL compounds tentatively identified is quantified by the internal standard method. The nearest internal standard free of interferences was used to quantify. A response factor of one was assumed. This search was inclusive of the ten largest peaks greater than ten percent of the nearest internal standard.
- 1 Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
- 2 Range result excludes concentrations of target analytes eluting in that range.
- 3 Range result excludes the concentration of the C9-C10 aromatic range.
- Avg Results reported as a mathematical average.
- NR No Recovery
- ¶ The state of RI does not grant certification for this method for non-potables.

ESS Laboratory

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CERTIFICATE OF ANALYSIS

Client Name: MACTEC Engineering & Consulting, Inc.
Client Project ID: Providence Gorham Site

ESS Laboratory Work Order: 0608042

ESS LABORATORY CERTIFICATIONS

U.S. Army Corps of Engineers
Soil and Water

Navy Installation Restoration QA Program
Soil and Water

Rhode Island: A-179

Connecticut: PH-0750

Maine: RI002

Massachusetts: M-RI002

New Hampshire (NELAP): 242405
Potable Water
Non Potable Water

New York (NELAP): 11313
Potable Water
Non Potable Water
Solid and Hazardous Waste

United States Department of Agriculture
Soil Permit: S-54210

New Jersey (NELAP): RI002
Potable Water
Non Potable Water
Soil and Hazardous Waste

Maryland: 301
Potable Water

Metals Data Package

Metals Sample Data

ESS Laboratory

SDG: 0608042
CLASS: METALS
METHOD: 6010B

ANALYSES DATA PACKAGE COVER PAGE

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Client Sample Id:

SS-SI 64 B1

SS-SI 64 B1

SS-SI 64 B1 Dup

SS-SI 64 B1 Dup

SS-SI 65 N

SS-SI 65 N

SS-SI 66 S

SS-SI 66 S

SS-SI 67 W

SS-SI 67 W

SS-SI 68 E

SS-SI 68 E

Lab Sample Id:

0608042-01

0608042-01RE1

0608042-02

0608042-02RE1

0608042-03

0608042-03RE1

0608042-04

0608042-04RE1

0608042-05

0608042-05RE1

0608042-06

0608042-06RE1

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 computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature: _____

Name: _____

Date: _____

Title: _____

METHOD DETECTION AND REPORTING LIMITS

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Solid

Instrument: ICP2

Analyte	MDL	MRL	Units
Aluminum	2.7	6.7	mg/kg
Calcium	18.7	26.7	mg/kg
Copper	0.2	1.3	mg/kg
Iron	4.7	6.7	mg/kg
Magnesium	0.7	13.3	mg/kg

METHOD DETECTION AND REPORTING LIMITS

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Solid

Instrument: ICP3

Analyte	MDL	MRL	Units
Aluminum	2.7	6.7	mg/kg
Calcium	18.7	26.7	mg/kg
Copper	0.2	1.3	mg/kg
Iron	4.7	6.7	mg/kg
Magnesium	0.7	13.3	mg/kg

INORGANIC ANALYSIS DATA SHEET

6010B

SS-SI 64 B1

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Soil

Laboratory ID: 0608042-01

File ID: 080306nad-058

Sampled: 08/02/06 11:15

Prepared: 08/02/06 15:15

Analyzed: 08/03/06 15:42

Solids: 48.00

Preparation: 3050B

Initial/Final: 1.81 g / 100 ml

Batch: BH60210

Sequence:

BPH0255

Calibration: UNASSIGNED

Instrument: ICP3

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7440-50-8	Copper	5450	1	E	6010B

INORGANIC ANALYSIS DATA SHEET

SS-SI 64 B1

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Soil

Laboratory ID: 0608042-01RE1

File ID: 080306xbd-089

Sampled: 08/02/06 11:15

Prepared: 08/02/06 15:15

Analyzed: 08/03/06 19:21

Solids: 48.00

Preparation: 3050B

Initial/Final: 1.81 g / 100 ml

Batch: BH60210

Sequence:

BPH0273

Calibration: UNASSIGNED

Instrument: ICP2

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7440-50-8	Copper	5440	10	D	6010B

INORGANIC ANALYSIS DATA SHEET

SS-SI 64 B1 Dup

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Soil

Laboratory ID: 0608042-02

File ID: 080306nad-059

Sampled: 08/02/06 11:15

Prepared: 08/02/06 15:15

Analyzed: 08/03/06 15:47

Solids: 61.00

Preparation: 3050B

Initial/Final: 1.8 g / 100 ml

Batch: BH60210

Sequence:

BPH0255

Calibration: UNASSIGNED

Instrument: ICP3

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7440-50-8	Copper	9770	1	E	6010B

INORGANIC ANALYSIS DATA SHEET

SS-SI 64 B1 Dup

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Soil

Laboratory ID: 0608042-02RE1

File ID: 080306xbd-090

Sampled: 08/02/06 11:15

Prepared: 08/02/06 15:15

Analyzed: 08/03/06 19:25

Solids: 61.00

Preparation: 3050B

Initial/Final: 1.8 g / 100 ml

Batch: BH60210

Sequence:

BPH0273

Calibration: UNASSIGNED

Instrument: ICP2

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7440-50-8	Copper	9830	20	D	6010B

INORGANIC ANALYSIS DATA SHEET

SS-SI 65 N

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Soil

Laboratory ID: 0608042-03

File ID: 080306nad-060

Sampled: 08/02/06 11:20

Prepared: 08/02/06 15:15

Analyzed: 08/03/06 15:52

Solids: 41.00

Preparation: 3050B

Initial/Final: 1.78 g / 100 ml

Batch: BH60210

Sequence:

BPH0255

Calibration: UNASSIGNED

Instrument: ICP3

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7440-50-8	Copper	17000	1	E	6010B

INORGANIC ANALYSIS DATA SHEET

SS-SI 65 N

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Soil

Laboratory ID: 0608042-03RE1

File ID: 080306xbd-091

Sampled: 08/02/06 11:20

Prepared: 08/02/06 15:15

Analyzed: 08/03/06 19:29

Solids: 41.00

Preparation: 3050B

Initial/Final: 1.78 g / 100 ml

Batch: BH60210

Sequence:

BPH0273

Calibration: UNASSIGNED

Instrument: ICP2

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7440-50-8	Copper	16900	50	D	6010B

INORGANIC ANALYSIS DATA SHEET

SS-SI 66 S

6010B

 Laboratory: ESS Laboratory

 SDG: 0608042

 Client: MACTEC Engineering & Consulting, Inc.

 Project: Providence Gorham Site

 Matrix: Soil

 Laboratory ID: 0608042-04

 File ID: 080306nad-061

 Sampled: 08/02/06 11:25

 Prepared: 08/02/06 15:15

 Analyzed: 08/03/06 15:57

 Solids: 80.00

 Preparation: 3050B

 Initial/Final: 1.84 g / 100 ml

 Batch: BH60210

Sequence:

BPH0255

 Calibration: UNASSIGNED

 Instrument: ICP3

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7440-50-8	Copper	3890	1	E	6010B

INORGANIC ANALYSIS DATA SHEET

SS-SI 66 S

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Soil

Laboratory ID: 0608042-04RE1

File ID: 080306xbd-094

Sampled: 08/02/06 11:25

Prepared: 08/02/06 15:15

Analyzed: 08/03/06 19:42

Solids: 80.00

Preparation: 3050B

Initial/Final: 1.84 g / 100 ml

Batch: BH60210

Sequence:

BPH0273

Calibration: UNASSIGNED

Instrument: ICP2

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7440-50-8	Copper	3970	20	D	6010B

INORGANIC ANALYSIS DATA SHEET

SS-SI 67 W

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Soil

Laboratory ID: 0608042-05

File ID: 080306nad-062

Sampled: 08/02/06 11:30

Prepared: 08/02/06 15:15

Analyzed: 08/03/06 16:02

Solids: 83.00

Preparation: 3050B

Initial/Final: 1.86 g / 100 ml

Batch: BH60210

Sequence:

BPH0255

Calibration: UNASSIGNED

Instrument: ICP3

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7440-50-8	Copper	2150	1	E	6010B

INORGANIC ANALYSIS DATA SHEET

SS-SI 67 W

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Soil

Laboratory ID: 0608042-05RE1

File ID: 080306xbd-095

Sampled: 08/02/06 11:30

Prepared: 08/02/06 15:15

Analyzed: 08/03/06 19:46

Solids: 83.00

Preparation: 3050B

Initial/Final: 1.86 g / 100 ml

Batch: BH60210

Sequence:

BPH0273

Calibration: UNASSIGNED

Instrument: ICP2

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7440-50-8	Copper	2110	10	D	6010B

INORGANIC ANALYSIS DATA SHEET

6010B

SS-SI 68 E

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Soil

Laboratory ID: 0608042-06

File ID: 080306nad-063

Sampled: 08/02/06 11:35

Prepared: 08/02/06 15:15

Analyzed: 08/03/06 16:07

Solids: 51.00

Preparation: 3050B

Initial/Final: 1.75 g / 100 ml

Batch: BH60210

Sequence: BPH0255

Calibration: UNASSIGNED

Instrument: ICP3

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7440-50-8	Copper	10700	1	E	6010B

INORGANIC ANALYSIS DATA SHEET

SS-SI 68 E

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Soil

Laboratory ID: 0608042-06RE1

File ID: 080306xbd-096

Sampled: 08/02/06 11:35

Prepared: 08/02/06 15:15

Analyzed: 08/03/06 19:50

Solids: 51.00

Preparation: 3050B

Initial/Final: 1.75 g / 100 ml

Batch: BH60210

Sequence:

BPH0273

Calibration: UNASSIGNED

Instrument: ICP2

CAS NO.	Analyte	Concentration (mg/kg dry)	Dilution Factor	Q	Method
7440-50-8	Copper	10700	20	D	6010B

Metals Quality Control Data

**METHOD BLANK DATA SHEET
6010B**

Laboratory:	<u>ESS Laboratory</u>	SDG:	<u>0608042</u>		
Client:	<u>MACTEC Engineering & Consulting, Inc.</u>	Project:	<u>Providence Gorham Site</u>		
Matrix:	<u>Solid</u>	Laboratory ID:	<u>BH60210-BLK1</u>	File ID:	<u>080206nad-056</u>
Prepared:	<u>08/02/06 11:30</u>	Preparation:	<u>3050B</u>	Initial/Final:	<u>1.5 g / 100 ml</u>
Analyzed:	<u>08/02/06 12:54</u>	Instrument:	<u>ICP3</u>		
Batch:	<u>BH60210</u>	Sequence:	<u>BPH0274</u>	Calibration:	<u>UNASSIGNED</u>

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
7429-90-5	Aluminum	6.7	U
7440-70-2	Calcium	26.7	U
7440-50-8	Copper	1.3	U
7439-89-6	Iron	6.7	U
7439-95-4	Magnesium	13.3	U

DUPLICATES

SS-SI 68 E

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Solid

Laboratory ID: BH60210-DUP2

Batch: BH60210

Lab Source ID: 0608042-06

Preparation: 3050B

Initial/Final: 1.79 g / 100 ml

Source Sample Name: SS-SI 68 E

% Solids: 51.00

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/kg dry)	C	DUPLICATE CONCENTRATION (mg/kg dry)	C	RPD %	Q	METHOD
Copper	35	10700		9300		14		6010B

* Values outside of QC limits

DUPLICATES

SS-SI 68 E

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Solid

Laboratory ID: BH60210-DUP3

Batch: BH60210

Lab Source ID: 0608042-06RE1

Preparation: 3050B

Initial/Final: 1.79 g / 100 ml

Source Sample Name: SS-SI 68 E

% Solids: 51.00

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/kg dry)	C	DUPLICATE CONCENTRATION (mg/kg dry)	C	RPD %	Q	METHOD
Copper	35	10700		8960		18		6010B

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SS-SI 68 E

6010B

Laboratory: <u>ESS Laboratory</u>	SDG: <u>0608042</u>
Client: <u>MACTEC Engineering & Consulting, Inc.</u>	Project: <u>Providence Gorham Site</u>
Matrix: <u>Solid</u>	
Batch: <u>BH60210</u>	Laboratory ID: <u>BH60210-MS2</u>
Preparation: <u>3050B</u>	Initial/Final: <u>1.76 g / 100 ml</u>
Source Sample Name: <u>SS-SI 68 E</u>	

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Copper	55.7	10700	12500	3230 *	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SS-SI 68 E

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Solid

Batch: BH60210

Laboratory ID: BH60210-MS3

Preparation: 3050B

Initial/Final: 1.76 g / 100 ml

Source Sample Name: SS-SI 68 E

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Copper	55.7	10700	12500	3230 *	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

6010B

Laboratory: <u>ESS Laboratory</u>	SDG: <u>0608042</u>
Client: <u>MACTEC Engineering & Consulting, Inc.</u>	Project: <u>Providence Gorham Site</u>
Matrix: <u>Solid</u>	
Batch: <u>BH60210</u>	Laboratory ID: <u>BH60210-BS1</u>
Preparation: <u>3050B</u>	Initial/Final: <u>1.5 g / 100 ml</u>

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
Copper	33.3	33.9	102	80 - 120

COMPOUND	SPIKE ADDED (mg/kg wet)	LCSD CONCENTRATION (mg/kg wet)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Copper	33.3	33.1	99	2	20	80 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Solid

Batch: BH60210

Laboratory ID: BH60210-SRM1

Preparation: 3050B

Initial/Final: 1 g / 100 ml

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Copper	131	125	95	82.14 - 118

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Solid

Batch: BH60210

Laboratory ID: BH60210-SRM2

Preparation: 3050B

Initial/Final: 1 g / 100 ml

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Copper	500	435	87	70 - 130

* Values outside of QC limits

POST DIGEST SPIKE SAMPLE RECOVERY

SS-SI 68 E

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Solid

Laboratory ID: BH60210-PS1

Batch: BH60210

Lab Source ID: 0608042-06

Preparation: 3050B

Initial/Final: 0.175 g / 10 ml

Source Sample Name: SS-SI 68 E

% Solids: 51.00

Analyte	Control Limit %R	Spike Sample Result (SSR) (mg/L)	Sample Result (SR) (mg/L)	Spike Added (SA) (mg/L)	%R
Copper	75 - 125	93.4	95.2	0.500	-360 *

* Values outside of QC limits

POST DIGEST SPIKE SAMPLE RECOVERY

SS-SI 68 E

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Solid

Laboratory ID: BH60210-PS2

Batch: BH60210

Lab Source ID: 0608042-06RE1

Preparation: 3050B

Initial/Final: 0.00875 g / 10 ml

Source Sample Name: SS-SI 68 E

% Solids: 51.00

Analyte	Control Limit %R	Spike Sample Result (SSR) (mg/L)	Sample Result (SR) (mg/L)	Spike Added (SA) (mg/L)	%R
Copper	75 - 125	5.28	4.76	0.500	104

* Values outside of QC limits

SERIAL DILUTION

6010B

SS-SI 68 E

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Solid

Laboratory ID: BPH0255-SRD1

Sequence: BPH0255

Lab Source ID: 0608042-06

Preparation: BH60210

Initial/Final: 1.75 / 100

Source Sample Name: SS-SI 68 E

% Solids: 51.00

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Copper	10700		11500		7		6010B	10

* Values outside of QC limits

SERIAL DILUTION

6010B

SS-SI 68 E

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Matrix: Solid

Laboratory ID: BPH0273-SRD1

Sequence: BPH0273

Lab Source ID: 0608042-06RE1

Preparation: BH60210

Initial/Final: 1.75 / 100

Source Sample Name: SS-SI 68 E

% Solids: 51.00

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Copper	10700		10700		0		6010B	10

* Values outside of QC limits

Metals Calibration Data

**ANALYSIS BATCH (SEQUENCE) SUMMARY
6010B**

Laboratory:	<u>ESS Laboratory</u>	SDG:	<u>0608042</u>
Client:	<u>MACTEC Engineering & Consulting, Inc.</u>	Project:	<u>Providence Gorham Site</u>
Sequence:	<u>BPH0255</u>	Instrument:	<u>ICP3</u>
Matrix:	<u>Solid</u>	Calibration:	<u>UNASSIGNED</u>

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Cal Standard	BPH0255-CAL1	080306nad-001	08/03/06 11:02
Cal Standard	BPH0255-CAL2	080306nad-002	08/03/06 11:06
Cal Standard	BPH0255-CAL3	080306nad-003	08/03/06 11:10
Cal Standard	BPH0255-CAL4	080306nad-004	08/03/06 11:15
Initial Cal Check	BPH0255-ICV1	080306nad-005	08/03/06 11:19
Secondary Cal Check	BPH0255-SCV1	080306nad-006	08/03/06 11:24
Initial Cal Blank	BPH0255-ICB1	080306nad-007	08/03/06 11:28
MRL Check	BPH0255-CRL1	080306nad-008	08/03/06 11:33
MRL Check	BPH0255-CRL2	080306nad-009	08/03/06 11:37
MRL Check	BPH0255-CRL3	080306nad-010	08/03/06 11:42
Interference Check A	BPH0255-IFA1	080306nad-011	08/03/06 11:46
Interference Check B	BPH0255-IFB1	080306nad-012	08/03/06 11:51
Calibration Check	BPH0255-CCV1	080306nad-053	08/03/06 15:19
Calibration Blank	BPH0255-CCB1	080306nad-054	08/03/06 15:24
SS-SI 64 B1	0608042-01	080306nad-058	08/03/06 15:42
SS-SI 64 B1 Dup	0608042-02	080306nad-059	08/03/06 15:47
SS-SI 65 N	0608042-03	080306nad-060	08/03/06 15:52
SS-SI 66 S	0608042-04	080306nad-061	08/03/06 15:57
SS-SI 67 W	0608042-05	080306nad-062	08/03/06 16:02
SS-SI 68 E	0608042-06	080306nad-063	08/03/06 16:07
SS-SI 68 E	BH60210-DUP2	080306nad-064	08/03/06 16:12
Calibration Check	BPH0255-CCV2	080306nad-065	08/03/06 16:18
Calibration Blank	BPH0255-CCB2	080306nad-066	08/03/06 16:22
SS-SI 68 E	BH60210-MS2	080306nad-067	08/03/06 16:26
SS-SI 68 E	BPH0255-SRD1	080306nad-068	08/03/06 16:32
SS-SI 68 E	BH60210-PS1	080306nad-069	08/03/06 16:36
Calibration Check	BPH0255-CCV3	080306nad-070	08/03/06 16:42
Calibration Blank	BPH0255-CCB3	080306nad-071	08/03/06 16:46
Interference Check A	BPH0255-IFA2	080306nad-072	08/03/06 16:50
Interference Check B	BPH0255-IFB2	080306nad-073	08/03/06 16:55

ANALYSIS BATCH (SEQUENCE) SUMMARY

6010B

Laboratory:	<u>ESS Laboratory</u>	SDG:	<u>0608042</u>
Client:	<u>MACTEC Engineering & Consulting, Inc.</u>	Project:	<u>Providence Gorham Site</u>
Sequence:	<u>BPH0273</u>	Instrument:	<u>ICP2</u>
Matrix:	<u>Solid</u>	Calibration:	<u>UNASSIGNED</u>

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Cal Standard	BPH0273-CAL1	080306xbd-001	08/03/06 13:02
Cal Standard	BPH0273-CAL2	080306xbd-002	08/03/06 13:09
Cal Standard	BPH0273-CAL3	080306xbd-003	08/03/06 13:13
Cal Standard	BPH0273-CAL4	080306xbd-004	08/03/06 13:17
Initial Cal Check	BPH0273-ICV1	080306xbd-005	08/03/06 13:22
Secondary Cal Check	BPH0273-SCV1	080306xbd-006	08/03/06 13:26
Initial Cal Blank	BPH0273-ICB1	080306xbd-007	08/03/06 13:30
MRL Check	BPH0273-CRL1	080306xbd-008	08/03/06 13:34
MRL Check	BPH0273-CRL2	080306xbd-009	08/03/06 13:38
MRL Check	BPH0273-CRL3	080306xbd-010	08/03/06 13:42
Interference Check A	BPH0273-IFA1	080306xbd-011	08/03/06 13:46
Interference Check B	BPH0273-IFB1	080306xbd-012	08/03/06 13:51
Calibration Check	BPH0273-CCV1	080306xbd-080	08/03/06 18:42
Calibration Blank	BPH0273-CCB1	080306xbd-081	08/03/06 18:46
SS-SI 64 B1	0608042-01RE1	080306xbd-089	08/03/06 19:21
SS-SI 64 B1 Dup	0608042-02RE1	080306xbd-090	08/03/06 19:25
SS-SI 65 N	0608042-03RE1	080306xbd-091	08/03/06 19:29
Calibration Check	BPH0273-CCV2	080306xbd-092	08/03/06 19:33
Calibration Blank	BPH0273-CCB2	080306xbd-093	08/03/06 19:37
SS-SI 66 S	0608042-04RE1	080306xbd-094	08/03/06 19:42
SS-SI 67 W	0608042-05RE1	080306xbd-095	08/03/06 19:46
SS-SI 68 E	0608042-06RE1	080306xbd-096	08/03/06 19:50
SS-SI 68 E	BH60210-DUP3	080306xbd-097	08/03/06 19:54
SS-SI 68 E	BH60210-MS3	080306xbd-098	08/03/06 19:58
SS-SI 68 E	BPH0273-SRD1	080306xbd-099	08/03/06 20:02
SS-SI 68 E	BH60210-PS2	080306xbd-100	08/03/06 20:06
Calibration Check	BPH0273-CCV3	080306xbd-104	08/03/06 20:23
Calibration Blank	BPH0273-CCB3	080306xbd-105	08/03/06 20:27
Interference Check A	BPH0273-IFA2	080306xbd-111	08/03/06 20:52
Interference Check B	BPH0273-IFB2	080306xbd-112	08/03/06 20:57

ANALYSIS BATCH (SEQUENCE) SUMMARY
6010B

Laboratory: ESS Laboratory SDG: 0608042
 Client: MACTEC Engineering & Consulting, Inc. Project: Providence Gorham Site
 Sequence: BPH0274 Instrument: ICP3
 Matrix: Solid Calibration: UNASSIGNED

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Cal Standard	BPH0274-CAL1	080206nad-001	08/02/06 08:25
Cal Standard	BPH0274-CAL2	080206nad-002	08/02/06 08:30
Cal Standard	BPH0274-CAL3	080206nad-003	08/02/06 08:34
Cal Standard	BPH0274-CAL4	080206nad-004	08/02/06 08:38
Initial Cal Check	BPH0274-ICV1	080206nad-005	08/02/06 08:43
Secondary Cal Check	BPH0274-SCV1	080206nad-006	08/02/06 08:47
Initial Cal Blank	BPH0274-ICB1	080206nad-007	08/02/06 08:52
MRL Check	BPH0274-CRL1	080206nad-008	08/02/06 08:56
MRL Check	BPH0274-CRL2	080206nad-009	08/02/06 09:01
MRL Check	BPH0274-CRL3	080206nad-010	08/02/06 09:05
Interference Check A	BPH0274-IFA1	080206nad-011	08/02/06 09:10
Interference Check B	BPH0274-IFB1	080206nad-012	08/02/06 09:15
Calibration Check	BPH0274-CCV1	080206nad-050	08/02/06 12:26
Calibration Blank	BPH0274-CCB1	080206nad-051	08/02/06 12:31
Blank	BH60210-BLK1	080206nad-056	08/02/06 12:54
LCS	BH60210-BS1	080206nad-057	08/02/06 12:58
LCS Dup	BH60210-BSD1	080206nad-058	08/02/06 13:03
Reference	BH60210-SRM1	080206nad-059	08/02/06 13:07
Calibration Check	BPH0274-CCV2	080206nad-062	08/02/06 13:22
Calibration Blank	BPH0274-CCB2	080206nad-063	08/02/06 13:26
Interference Check A	BPH0274-IFA2	080206nad-106	08/02/06 16:38
Interference Check B	BPH0274-IFB2	080206nad-107	08/02/06 16:43

ESS LABORATORY ICP III TRAY SEQUENCE LOGBOOK

STD 1/Wash: 6G31087
 STD2 ID: 6H03002
 STD3 ID: 6H03003
 STD4 ID: 6H03004
 CRI 1: 6H03004 CRI 2: 6H03004

ICSAB ID: 6H03055 ICSA ID: 6H03057
 ICCV ID: 6H03007
 IS ID: 6G31080
 CRI 3: 6H03030

#	SAMPLE	#	SAMPLE	#	SAMPLE	#	SAMPLE
1	STD 1/Wash:	31	0608008-16	61		91	
2	STD 2	32	-18	62		92	
3	STD 3	33	-19	63		93	
4	STD 4	34	-20	64		94	
5	ICCV	35	BH60003-NVH	65		95	
6	CRI 1	36	-21	66		96	
7	CRI 2	37	-303	67		97	
8	CRI 3	38	^{MS 81314} -011	68		98	
9	BH60003-BLK1	39	0607361-0345 (2/10)	69		99	
10	-031	40	BH601010-5122	70		100	
11	-031	41	0607431-01	71		101	
12	0608008-01	42	0607433-01	72		102	
13	-02	43	0608012-01	73		103	
14	-03	44	-02	74		104	
15	-04	45	-03	75		159	ICSAB
16	BH60003-NV01	46	-04	76		160	ICSA
17	-MS1	47	-05	77			
18	-011	48	-06	78			
19	-0051	49	BH60010-NV02	79			
20	0608008-05	50	-MS2	80			
21	-06	51	-02	81			
22	-07	52	-032	82			
23	-08	53		83			
24	-09	54		84			
25	-10	55		85			
26	-11	56		86			
27	-12	57		87			
28	-13	58		88			
29	-14	59		89			
30	-15	60		90			

SIF: 08030614
 RDS: 08-030614d
 METHOD: Excitation-DV
 METHOD: m
 ANALYST: MS
 DATE: 8/3/06

CONTROL# 30.0038-0602A

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ESS LABORATORY ICP II TRAY SEQUENCE LOGBOOK

STD 1/Wash: 6631082

ICSAB ID: 6H03055

ICSA ID: 6H03054

STD2 ID: 6H03002

ICCV ID: 6H03007

STD3 ID: 6H03003

IS ID: 6C31081

STD4 ID: 6H03007

CRI 1: 6H03007

CRI 2: 6H03009

CRI 3: 6H03030

#	SAMPLE	#	SAMPLE	#	SAMPLE	#	SAMPLE
1	STD 1/Wash:	31	BH60207-0M3	61	0608070-93	91	
2	STD 2	32	BH60204-0M1	62	-08	92	
3	STD 3	33	-04	63	BH60315-0M2	93	
4	STD 4	34	-0301	64	-M3	94	
5	ICCV	35	0608017-0M20	65	-03	95	
6	CRI 1	36	-0300	66	-030	96	
7	CRI 2	37	-0300	67	0608008-15 X5 (2M)	97	
8	CRI 3	38	BH60204-0M2	68	-16 X5 (2M)	98	
9	BH60207-0M1	39	-M3	69	-18 X5 (2M)	99	
10	-03	40	-0301	70	0608031-01 X10 (1M)	100	
11	-0301	41	-0301	71	0608070-01 X10 (1M)	101	
12	-0302	42	NEW STD	72	-02 X20 (0.5M)	102	
13	0608003-01015	43	0608034-01015	73	-02 X50 (0.2M)	103	
14	-0303	44	BH60315-0M1	74	-04 X20 (0.5M)	104	
15	-0300	45	-0301	75	-05 X10 (1M)	105	ICSAB
16	-0303	46	-0301	76	-06 X20 (0.5M)	106	ICSA
17	-0303	47	-0301	77	BH60210-0M2 X10 (0.5M)		
18	0608008-01	48	0608068-01	78	-03 X10 (0.5M)		
19	-03	49	-03	79	-03 X10 (0.1M)		
20	BH60207-0M1	50	-06	80	-03 X20 (0.5M)		
21	-M3	51	-07	81	0608068-03 X5 (2M)		
22	-03	52	-09	82	-09 X5 (2M)		
23	-0301	53	-11	83	-11 X5 (2M)		
24	0608014-01	54	-12	84	-12 X5 (2M)		
25	0608015-01	55	-13	85	-13 X5 (2M)		
26	-03	56	-14	86	-14 X5 (2M)		
27	-03	57	BH60315-0M1	87			
28	BH60207-0M2	58	-M3	88			
29	-M3	59	-0301	89			
30	-03	60	-0301	90			

SIF: 080306M

RDS: 080306M

METHOD: Everything

METHOD: M

ANALYST: MS

DATE: 8/3/04

CONTROL# 30.0006-0602A

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ESS LABORATORY ICP III TRAY SEQUENCE LOGBOOK

STD 1/Wash: 6631082
 STD 2 ID: 6400026
 STD 3 ID: 6400029
 STD 4 ID: 6400030
 CRI 1: 6400037 CRI 2: 6400035

ICSAB ID: 6619038 ICSA ID: 6612027
 ICCV ID: 6400033
 IS ID: 6631080
 CRI 3: 6400026

SAMPLE	#	SAMPLE	#	SAMPLE	#	SAMPLE
STD 1/Wash:	31	BH60115-B51	61	0608011-01	91	
STD 2	32	-B5D1	62	ms stat	92	
STD 3	33	-SRM1	63		93	
STD 4	34	0608005-01	64		94	
ICCV	35	-02	65		95	
CRI 1	36	-Dup1	66		96	
CRI 2	37	-MS1	67		97	
CRI 3	38	-SD1	68		98	
060101-BLK1	39	-PDS1	69		99	
-B51	40	0608017-01	70		100	
-B5D1	41	-02	71	BH60109-Mn1	101	
07432-02 Dup	42	-03	72	ms stat	102	
-03 Dup	43	BH60210-BLK1	73	ms stat	103	
-06 Dup	44	-B51	74	ms stat	104	
-08 Dup	45	-B5D1	75	0607407-01	159	ICSAB
0011-Dup2	46	-SRM1	76		160	ICSA
-MS2	47	0608032-01	77	0607409-01		
-SD2	48	-02	78			
-PDS2	49	-03	79			
07426-01	50	0608021-01	80	BH60109-Dup2		
-03	51	-02	81	-SM		
-Dup1	52	-03	82	-PM2		
-MS1	53	-04	83			
-SD1	54	-05	84			
-PDS1	55	Dup1	85			
07349-01 TCLP	56	-MS1	86			
07350-02 TCLP	57	-SD1	87			
07351-03 TCLP	58	-PDS1	88			
07352-04 TCLP	59	0608017-01 x10 (11m)	89			
07353-05 TCLP	60	-02 x20 (6.5m)	90			

SIF: 08020611A
 RDS: 08020611D
 METHOD: Extraction-DU
 METHOD: UPLC
 ANALYST: SD
 DATE: 8/2/06

NA

**BLANKS
6010B**

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Instrument ID: ICP3

Project: Providence Gorham Site

Sequence: BPH0255

Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
BPH0255-ICB1	Aluminum	0.015	0.1	mg/L		6010B
	Calcium	0.016	0.4	mg/L		6010B
	Copper	-0.001	0.02	mg/L		6010B
	Iron	0.005	0.1	mg/L		6010B
	Magnesium	0.001	0.2	mg/L		6010B
BPH0255-CCB1	Aluminum	0.01	0.1	mg/L		6010B
	Calcium	0.02	0.4	mg/L		6010B
	Copper	-0.001	0.02	mg/L		6010B
	Iron	0.01	0.1	mg/L		6010B
	Magnesium	0.007	0.2	mg/L		6010B
BPH0255-CCB2	Aluminum	0.01	0.1	mg/L		6010B
	Calcium	0.02	0.4	mg/L		6010B
	Copper	0.008	0.02	mg/L		6010B
	Iron	0.01	0.1	mg/L		6010B
	Magnesium	0.004	0.2	mg/L		6010B
BPH0255-CCB3	Aluminum	0.01	0.1	mg/L		6010B
	Calcium	0.02	0.4	mg/L		6010B
	Copper	0.01	0.02	mg/L		6010B
	Iron	0.01	0.1	mg/L		6010B
	Magnesium	0.005	0.2	mg/L		6010B

**BLANKS
6010B**

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Instrument ID: ICP2

Project: Providence Gorham Site

Sequence: BPH0273

Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
BPH0273-ICB1	Aluminum	0.008	0.1	mg/L		6010B
	Calcium	0.004	0.4	mg/L		6010B
	Copper	0.001	0.02	mg/L		6010B
	Iron	-0.022	0.1	mg/L		6010B
	Magnesium	0.005	0.2	mg/L		6010B
BPH0273-CCB1	Aluminum	0.01	0.1	mg/L		6010B
	Calcium	0.008	0.4	mg/L		6010B
	Copper	0.007	0.02	mg/L		6010B
	Iron	-0.06	0.1	mg/L		6010B
	Magnesium	0.02	0.2	mg/L		6010B
BPH0273-CCB2	Aluminum	0.01	0.1	mg/L		6010B
	Calcium	0.006	0.4	mg/L		6010B
	Copper	0.006	0.02	mg/L		6010B
	Iron	-0.07	0.1	mg/L		6010B
	Magnesium	0.03	0.2	mg/L		6010B
BPH0273-CCB3	Aluminum	0.008	0.1	mg/L		6010B
	Calcium	0.005	0.4	mg/L		6010B
	Copper	0.005	0.02	mg/L		6010B
	Iron	-0.09	0.1	mg/L		6010B
	Magnesium	0.02	0.2	mg/L		6010B

**BLANKS
6010B**

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Instrument ID: ICP3

Project: Providence Gorham Site

Sequence: BPH0274

Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
BPH0274-ICB1	Aluminum	0.012	0.1	mg/L		6010B
	Calcium	0.0009	0.4	mg/L		6010B
	Copper	-0.002	0.02	mg/L		6010B
	Iron	0.007	0.1	mg/L		6010B
	Magnesium	0.010	0.2	mg/L		6010B
BPH0274-CCB1	Aluminum	0.01	0.1	mg/L		6010B
	Calcium	0.0009	0.4	mg/L		6010B
	Copper	-0.002	0.02	mg/L		6010B
	Iron	0.009	0.1	mg/L		6010B
	Magnesium	0.008	0.2	mg/L		6010B
BH60210-BLK1	Aluminum	0.8	6.7	mg/kg wet		6010B
	Calcium	2.2	26.7	mg/kg wet		6010B
	Copper	-0.1	1.3	mg/kg wet		6010B
	Iron	1.7	6.7	mg/kg wet		6010B
	Magnesium	0.6	13.3	mg/kg wet		6010B
BPH0274-CCB2	Aluminum	0.01	0.1	mg/L		6010B
	Calcium	0.0005	0.4	mg/L		6010B
	Copper	-0.002	0.02	mg/L		6010B
	Iron	0.009	0.1	mg/L		6010B
	Magnesium	0.008	0.2	mg/L		6010B

INITIAL AND CONTINUING CALIBRATION CHECK

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Instrument ID: ICP3

Calibration: UNASSIGNED

Control Limit: +/- 10.00%

Sequence: BPH0255

Lab Sample ID	Analyte	True	Found	%R	Units	Method
BPH0255-ICV1	Aluminum	2.50	2.49	100	mg/L	6010B
	Calcium	5.00	5.00	100	mg/L	6010B
	Copper	0.500	0.500	100	mg/L	6010B
	Iron	2.50	2.51	100	mg/L	6010B
	Magnesium	5.00	5.03	101	mg/L	6010B
BPH0255-CCV1	Aluminum	2.50	2.55	102	mg/L	6010B
	Calcium	5.00	5.11	102	mg/L	6010B
	Copper	0.500	0.512	102	mg/L	6010B
	Iron	2.50	2.57	103	mg/L	6010B
	Magnesium	5.00	5.13	103	mg/L	6010B
BPH0255-CCV2	Aluminum	2.50	2.54	102	mg/L	6010B
	Calcium	5.00	5.10	102	mg/L	6010B
	Copper	0.500	0.525	105	mg/L	6010B
	Iron	2.50	2.57	103	mg/L	6010B
	Magnesium	5.00	5.12	102	mg/L	6010B
BPH0255-CCV3	Aluminum	2.50	2.53	101	mg/L	6010B
	Calcium	5.00	5.11	102	mg/L	6010B
	Copper	0.500	0.526	105	mg/L	6010B
	Iron	2.50	2.56	102	mg/L	6010B
	Magnesium	5.00	5.11	102	mg/L	6010B

* Values outside of QC limits

INITIAL AND CONTINUING CALIBRATION CHECK

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Instrument ID: ICP2

Calibration: UNASSIGNED

Control Limit: +/- 10.00%

Sequence: BPH0273

Lab Sample ID	Analyte	True	Found	%R	Units	Method
BPH0273-ICV1	Aluminum	2.50	2.49	100	mg/L	6010B
	Calcium	5.00	5.03	101	mg/L	6010B
	Copper	0.500	0.501	100	mg/L	6010B
	Iron	2.50	2.51	100	mg/L	6010B
	Magnesium	5.00	5.04	101	mg/L	6010B
BPH0273-CCV1	Aluminum	2.50	2.49	100	mg/L	6010B
	Calcium	5.00	5.09	102	mg/L	6010B
	Copper	0.500	0.515	103	mg/L	6010B
	Iron	2.50	2.49	100	mg/L	6010B
	Magnesium	5.00	5.08	102	mg/L	6010B
BPH0273-CCV2	Aluminum	2.50	2.48	99	mg/L	6010B
	Calcium	5.00	5.11	102	mg/L	6010B
	Copper	0.500	0.513	103	mg/L	6010B
	Iron	2.50	2.47	99	mg/L	6010B
	Magnesium	5.00	5.10	102	mg/L	6010B
BPH0273-CCV3	Aluminum	2.50	2.44	98	mg/L	6010B
	Calcium	5.00	5.01	100	mg/L	6010B
	Copper	0.500	0.506	101	mg/L	6010B
	Iron	2.50	2.41	96	mg/L	6010B
	Magnesium	5.00	4.99	100	mg/L	6010B

* Values outside of QC limits

INITIAL AND CONTINUING CALIBRATION CHECK

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Instrument ID: ICP3

Calibration: UNASSIGNED

Control Limit: +/- 10.00%

Sequence: BPH0274

Lab Sample ID	Analyte	True	Found	%R	Units	Method
BPH0274-ICV1	Aluminum	2.50	2.46	98	mg/L	6010B
	Calcium	5.00	4.96	99	mg/L	6010B
	Copper	0.500	0.493	99	mg/L	6010B
	Iron	2.50	2.48	99	mg/L	6010B
	Magnesium	5.00	4.98	100	mg/L	6010B
BPH0274-CCV1	Aluminum	2.50	2.50	100	mg/L	6010B
	Calcium	5.00	5.03	101	mg/L	6010B
	Copper	0.500	0.499	100	mg/L	6010B
	Iron	2.50	2.52	101	mg/L	6010B
	Magnesium	5.00	5.01	100	mg/L	6010B
BPH0274-CCV2	Aluminum	2.50	2.51	100	mg/L	6010B
	Calcium	5.00	5.04	101	mg/L	6010B
	Copper	0.500	0.504	101	mg/L	6010B
	Iron	2.50	2.54	102	mg/L	6010B
	Magnesium	5.00	5.05	101	mg/L	6010B

* Values outside of QC limits

ICP INTERFERENCE CHECK SAMPLE

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Instrument ID: ICP3

Calibration: UNASSIGNED

Sequence: BPH0255

Lab Sample ID	Analyte	True	Found	%R	Units
BPH0255-IFA1	Aluminum	250	262.00	105	mg/L
	Calcium	250	251.00	100	mg/L
	Copper		0.01		mg/L
	Copper		0.01		mg/L
	Iron	100	94.80	95	mg/L
	Magnesium	250	242.00	97	mg/L
BPH0255-IFB1	Aluminum	250	263.00	105	mg/L
	Calcium	250	248.00	99	mg/L
	Copper	0.250	0.26	103	mg/L
	Copper	0.250	0.26	103	mg/L
	Iron	100	95.00	95	mg/L
	Magnesium	250	243.00	97	mg/L
BPH0255-IFA2	Aluminum	250	266.00	106	mg/L
	Calcium	250	255.00	102	mg/L
	Copper		0.02		mg/L
	Copper		0.02		mg/L
	Iron	100	96.50	96	mg/L
	Magnesium	250	245.00	98	mg/L
BPH0255-IFB2	Aluminum	250	267.00	107	mg/L
	Calcium	250	256.00	102	mg/L
	Copper	0.250	0.27	109	mg/L
	Copper	0.250	0.27	109	mg/L
	Iron	100	96.70	97	mg/L
	Magnesium	250	245.00	98	mg/L

* Values outside of QC limits

ICP INTERFERENCE CHECK SAMPLE

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Instrument ID: ICP2

Calibration: UNASSIGNED

Sequence: BPH0273

Lab Sample ID	Analyte	True	Found	%R	Units
BPH0273-IFA1	Aluminum	250	246.00	98	mg/L
	Calcium	250	236.00	94	mg/L
	Copper		0.00		mg/L
	Copper		0.00		mg/L
	Iron	100	91.00	91	mg/L
BPH0273-IFB1	Magnesium	250	240.00	96	mg/L
	Aluminum	250	246.00	98	mg/L
	Calcium	250	238.00	95	mg/L
	Copper	0.250	0.24	96	mg/L
	Copper	0.250	0.24	96	mg/L
BPH0273-IFA2	Iron	100	91.10	91	mg/L
	Magnesium	250	240.00	96	mg/L
	Aluminum	250	244.00	98	mg/L
	Calcium	250	237.00	95	mg/L
	Copper		0.01		mg/L
BPH0273-IFB2	Copper		0.01		mg/L
	Iron	100	90.70	91	mg/L
	Magnesium	250	239.00	96	mg/L
	Aluminum	250	243.00	97	mg/L
	Calcium	250	238.00	95	mg/L
	Copper	0.250	0.25	99	mg/L
	Copper	0.250	0.25	99	mg/L
	Iron	100	90.80	91	mg/L
	Magnesium	250	240.00	96	mg/L

* Values outside of QC limits

ICP INTERFERENCE CHECK SAMPLE

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Instrument ID: ICP3

Calibration: UNASSIGNED

Sequence: BPH0274

Lab Sample ID	Analyte	True	Found	%R	Units
BPH0274-IFA1	Aluminum	250	259.00	104	mg/L
	Aluminum	250	259.00	104	mg/L
	Calcium	250	246.00	98	mg/L
	Calcium	250	246.00	98	mg/L
	Copper		0.01		mg/L
	Copper		0.01		mg/L
	Iron	100	93.60	94	mg/L
	Iron	100	93.60	94	mg/L
	Magnesium	250	238.00	95	mg/L
	Magnesium	250	238.00	95	mg/L
BPH0274-IFB1	Aluminum	250	259.00	104	mg/L
	Aluminum	250	259.00	104	mg/L
	Calcium	250	244.00	98	mg/L
	Calcium	250	244.00	98	mg/L
	Copper	0.250	0.25	100	mg/L
	Copper	0.250	0.25	100	mg/L
	Iron	100	93.70	94	mg/L
	Iron	100	93.70	94	mg/L
	Magnesium	250	239.00	96	mg/L
	Magnesium	250	239.00	96	mg/L
BPH0274-IFA2	Aluminum	250	263.00	105	mg/L
	Aluminum	250	263.00	105	mg/L
	Calcium	250	252.00	101	mg/L
	Calcium	250	252.00	101	mg/L
	Copper		0.01		mg/L
	Copper		0.01		mg/L
	Iron	100	95.30	95	mg/L
	Iron	100	95.30	95	mg/L
	Magnesium	250	241.00	96	mg/L

ICP INTERFERENCE CHECK SAMPLE

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Instrument ID: ICP3

Calibration: UNASSIGNED

Sequence: BPH0274

Lab Sample ID	Analyte	True	Found	%R	Units
BPH0274-IFA2	Magnesium	250	241.00	96	mg/L
BPH0274-IFB2	Aluminum	250	263.00	105	mg/L
	Aluminum	250	263.00	105	mg/L
	Calcium	250	251.00	100	mg/L
	Calcium	250	251.00	100	mg/L
	Copper	0.250	0.26	102	mg/L
	Copper	0.250	0.26	102	mg/L
	Iron	100	95.20	95	mg/L
	Iron	100	95.20	95	mg/L
	Magnesium	250	240.00	96	mg/L
	Magnesium	250	240.00	96	mg/L

* Values outside of QC limits

CRDL STANDARD

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Instrument ID: ICP3

Calibration: UNASSIGNED

Sequence: BPH0255

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limits
BPH0255-CRL1	Aluminum	0.250	0.268	107	mg/L	70 - 130
	Calcium	0.500	0.538	108	mg/L	70 - 130
	Copper	0.0500	0.050	100	mg/L	70 - 130
	Copper	0.0500	0.050	100	mg/L	70 - 130
	Iron	0.250	0.263	105	mg/L	70 - 130
	Magnesium	0.500	0.524	105	mg/L	70 - 130
BPH0255-CRL2	Aluminum	0.100	0.114	114	mg/L	70 - 130
	Calcium	0.200	0.218	109	mg/L	70 - 130
	Copper	0.0200	0.018	90	mg/L	70 - 130
	Copper	0.0200	0.018	90	mg/L	70 - 130
	Iron	0.100	0.105	105	mg/L	70 - 130
	Magnesium	0.200	0.207	104	mg/L	70 - 130
BPH0255-CRL3	Aluminum	0.0500	0.067	134 *	mg/L	70 - 130
	Calcium	0.100	0.120	120	mg/L	70 - 130
	Copper	0.0100	0.008	80	mg/L	70 - 130
	Copper	0.0100	0.008	80	mg/L	70 - 130
	Iron	0.0500	0.055	110	mg/L	70 - 130
	Magnesium	0.100	0.105	105	mg/L	70 - 130

* Values outside of QC limits

CRDL STANDARD

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Instrument ID: ICP2

Calibration: UNASSIGNED

Sequence: BPH0273

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limits
BPH0273-CRL1	Aluminum	0.250	0.256	102	mg/L	70 - 130
	Calcium	0.500	0.510	102	mg/L	70 - 130
	Copper	0.0500	0.052	104	mg/L	70 - 130
	Copper	0.0500	0.052	104	mg/L	70 - 130
	Iron	0.250	0.232	93	mg/L	70 - 130
	Magnesium	0.500	0.516	103	mg/L	70 - 130
BPH0273-CRL2	Aluminum	0.100	0.104	104	mg/L	70 - 130
	Calcium	0.200	0.203	102	mg/L	70 - 130
	Copper	0.0200	0.020	100	mg/L	70 - 130
	Copper	0.0200	0.020	100	mg/L	70 - 130
	Iron	0.100	0.070	70	mg/L	70 - 130
	Magnesium	0.200	0.204	102	mg/L	70 - 130
BPH0273-CRL3	Aluminum	0.0500	0.059	118	mg/L	70 - 130
	Calcium	0.100	0.106	106	mg/L	70 - 130
	Copper	0.0100	0.010	100	mg/L	70 - 130
	Copper	0.0100	0.010	100	mg/L	70 - 130
	Iron	0.0500	0.021	42 *	mg/L	70 - 130
	Magnesium	0.100	0.109	109	mg/L	70 - 130

* Values outside of QC limits

CRDL STANDARD

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Instrument ID: ICP3

Calibration: UNASSIGNED

Sequence: BPH0274

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limts
BPH0274-CRL1	Aluminum	0.250	0.262	105	mg/L	70 - 130
	Aluminum	0.250	0.262	105	mg/L	70 - 130
	Calcium	0.500	0.516	103	mg/L	70 - 130
	Calcium	0.500	0.516	103	mg/L	70 - 130
	Copper	0.0500	0.049	98	mg/L	70 - 130
	Copper	0.0500	0.049	98	mg/L	70 - 130
	Iron	0.250	0.261	104	mg/L	70 - 130
	Iron	0.250	0.261	104	mg/L	70 - 130
	Magnesium	0.500	0.522	104	mg/L	70 - 130
	Magnesium	0.500	0.522	104	mg/L	70 - 130
BPH0274-CRL2	Aluminum	0.100	0.112	112	mg/L	70 - 130
	Aluminum	0.100	0.112	112	mg/L	70 - 130
	Calcium	0.200	0.201	100	mg/L	70 - 130
	Calcium	0.200	0.201	100	mg/L	70 - 130
	Copper	0.0200	0.017	85	mg/L	70 - 130
	Copper	0.0200	0.017	85	mg/L	70 - 130
	Iron	0.100	0.105	105	mg/L	70 - 130
	Iron	0.100	0.105	105	mg/L	70 - 130
	Magnesium	0.200	0.211	106	mg/L	70 - 130
	Magnesium	0.200	0.211	106	mg/L	70 - 130
BPH0274-CRL3	Aluminum	0.0500	0.064	128	mg/L	70 - 130
	Aluminum	0.0500	0.064	128	mg/L	70 - 130
	Calcium	0.100	0.101	101	mg/L	70 - 130
	Calcium	0.100	0.101	101	mg/L	70 - 130
	Copper	0.0100	0.007	70	mg/L	70 - 130
	Copper	0.0100	0.007	70	mg/L	70 - 130
	Iron	0.0500	0.056	112	mg/L	70 - 130
	Iron	0.0500	0.056	112	mg/L	70 - 130

CRDL STANDARD

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Instrument ID: ICP3

Calibration: UNASSIGNED

Sequence: BPH0274

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limits
BPH0274-CRL3	Magnesium	0.100	0.111	111	mg/L	70 - 130
	Magnesium	0.100	0.111	111	mg/L	70 - 130

* Values outside of QC limits

Seq.	Loc.	Sample ID
1	1	Calib Blank 1
2	2	Calib Std 1
3	3	Calib Std 2
4	4	Calib Std 3
5	3	CCV
6	1	ICCB
7	9	BH60101-BLK1
8	10	BH60101-BS1
9	11	BH60101-BSD1
10	12	0607432-02DIS
11	13	0607432-03DIS
12	14	0607432-06DIS
13	15	0607432-08DIS
14	16	BH60101-DUP2
15	17	BH60101-MS2
16	18	BH60101-SD2
17	3	CCV
18	1	ICCB
19	19	BH60101-PDS2
20	20	0607426-01
21	21	0607426-03
22	22	BH60101-DUP1
23	23	BH60101-MS1
24	24	BH60101-SD1
25	25	BH60101-PDS1
26	26	0607349-01TCLP
27	27	0607350-02TCLP
28	28	0607350-02TCLPX2
29	3	CCV
30	1	ICCB
31	29	0607350-02TCLPX10
32	30	BH60115-BLK1
33	31	BH60115-BS1
34	32	BH60115-BSD1
35	33	BH60115-SRM1
36	34	0608005-01
37	35	0608005-02
38	36	BH60115-DUP1
39	37	BH60115-MS1
40	38	BH60115-SD1
41	3	CCV
42	1	ICCB
43	39	BH60115-PDS1
44	40	0608017-01
45	41	0608017-02
46	42	0608017-03
47	43	BH60210-BLK1
48	44	BH60210-BS1
49	45	BH60210-BSD1
50	46	BH60210-SRM1
51	47	0608032-01
52	48	0608032-02
53	3	CCV
54	1	ICCB
55	49	0608032-03
56	50	0608021-01

Ag: 0.005
 As: 0.05
 Ba: 0.01
 Be: 0.001
 Cd: 0.005
 Cr: 0.01
 Cu: 0.01
 Ni: 0.01
 Pb: 0.01
 Sb: 0.02
 Se: 0.02
 Tl: 0.05
 Zn: 0.01














Analytical Sequence

Method : Everything-DV

Seq.	Loc.		Sample ID
57	51		0608021-02
58	52		0608021-03
59	53		0608021-04
60	54		0608021-05
61	55		BH60210-DUP1
62	56		BH60210-MS1
63	57		BH60210-SD1
64	58		BH60210-PDS1
65	3		CCV
66	1		ICCB
67	59		0608017-01X10
68	60		0608917-02X20
69	3		CCV
70	1		ICCB
71	160		ICSA
72	159		ICSAB
73	0		WASH

Analytical Sequence

Method : Everything-DV

Seq.	Loc.		Sample ID
1	1		Calib Blank 1
2	2		Calib Std 1
3	3		Calib Std 2
4	4		Calib Std 3
5	3		STD2
6	5		ICV
7	1		ICCB
8	6		CR11
9	7		CR12
10	8		CR13
11	160		ICSA
12	159		ICSAB
13	0		wash

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Align View XY Axial for analyte Mn 257.610
X-position Y-position Intensity
-2.0      15.0      176016.9
-1.6      15.0      262421.5
-1.2      15.0      376679.5
-0.8      15.0      498431.5
-0.4      15.0      613782.1
 0.0      15.0      683889.2
 0.4      15.0      743939.5
 0.8      15.0      769239.5
 1.2      15.0      694168.9
 1.6      15.0      594851.9
 2.0      15.0      484887.7
 0.8      10.0       9230.2
 0.8      10.5      25001.9
 0.8      11.0      40407.9
 0.8      11.5      61041.8
 0.8      12.0      98379.8
 0.8      12.5     208631.5
 0.8      13.0     292116.7
 0.8      13.5     400422.0
 0.8      14.0     526887.8
 0.8      14.5     717670.2
 0.8      15.0     754092.4
 0.8      15.5     741482.7
 0.8      16.0     678527.0
 0.8      16.5     441595.5
 0.8      17.0     330889.0
 0.8      17.5     244294.8
 0.8      18.0     168390.0
 0.8      18.5     112187.3
 0.8      19.0      35422.0
 0.8      19.5     17146.9
 0.8      20.0      7554.4
 0.0      15.0     681920.0
 0.4      15.0     735586.5
 0.8      15.0     766713.8
 1.2      15.0     694365.8
 1.6      15.0     600350.8
 0.8      13.0     321339.3
 0.8      13.5     416857.2
 0.8      14.0     545270.6
 0.8      14.5     734069.7
 0.8      15.0     763997.4
 0.8      15.5     742171.3
 0.8      16.0     662305.6
 0.8      16.5     437759.7
 0.8      17.0     338424.1
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8/2/2006 8:21:17 AM aligned for analyte Mn 257.610
X viewing position set to 0.8 mm having Peak intensity 763997.4 for Axial viewing
Y viewing position set to 15.0 mm having Peak intensity 763997.4 for Axial viewing
=====

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=====
Align View X Radial for analyte Mn 257.610
X-position Y-position Intensity
-7.0      15.0      4994.2
-6.5      15.0      5514.6
-6.0      15.0      5350.0
-5.5      15.0      5423.9
-5.0      15.0      6912.3
-4.5      15.0     10157.8
-4.0      15.0     13101.5
-3.5      15.0     14343.6
-3.0      15.0     16035.0
-2.5      15.0     21492.6
=====

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-2.0	15.0	28020.6
-1.5	15.0	34330.6
-1.0	15.0	43778.0
-0.5	15.0	45538.7
0.0	15.0	45133.5
0.5	15.0	43969.4
1.0	15.0	45137.1
1.5	15.0	43685.5
2.0	15.0	36797.5
2.5	15.0	25305.9
3.0	15.0	33048.5
3.5	15.0	34132.1
4.0	15.0	21933.8
4.5	15.0	15016.2
5.0	15.0	11532.0
5.5	15.0	9625.2
6.0	15.0	8603.4
6.5	15.0	8035.8
7.0	15.0	6670.1

8/2/2006 8:23:23 AM aligned for analyte Mn 257.610

X viewing position set to -0.5 mm having Peak intensity 45538.7 for Radial viewing
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Analysis Begun

Start Time: 8/2/2006 8:25:37 AM

Plasma On Time: 8/2/2006 7:47:07 AM

Logged In Analyst: ICP3

Technique: ICP Continuous

Spectrometer Model: Optima 4300 DV, S/N 077N1032302 Autosampler Model: AS-91

Sample Information File: C:\pe\Administrator\Sample Information\00dailycal.sif

Batch ID: dailycal

Results Data Set: 080206nad

Results Library: Q:\Metals\Results\ICP3\Results2\Results.mdb

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Sequence No.: 1

Autosampler Location: 1

Sample ID: Calib Blank 1

Date Collected: 8/2/2006 8:25:37 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Replicate Data: Calib Blank 1

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Analysis Time
1	K 766.490†	365.3	364.7	[0.00] mg/L	08:27:12
1	Li 670.784†	-121.4	-121.2	[0.00] mg/L	08:27:12
1	Na 589.592	5741.4	5741.4	[0.00] mg/L	08:27:12
1	Y 371.029	3576082.2	3576082.2	1.00 mg/L	08:27:26
1	Ag 328.068†	-2411.6	-2407.5	[0.00] mg/L	08:27:31
1	Al 237.313†	-176.5	-176.2	[0.00] mg/L	08:27:51
1	As 188.979†	9.1	9.1	[0.00] mg/L	08:27:51
1	B 182.528†	16.2	16.2	[0.00] mg/L	08:27:51
1	Ba 233.527†	-90.5	-90.4	[0.00] mg/L	08:27:51
1	Be 313.107†	-2430.6	-2426.5	[0.00] mg/L	08:27:31
1	Ca 315.886†	3139.8	3134.5	[0.00] mg/L	08:27:31
1	Cd 228.802†	142.3	142.1	[0.00] mg/L	08:27:51
1	Co 228.616†	-199.9	-199.5	[0.00] mg/L	08:27:51
1	Cr 267.716†	3571.7	3565.7	[0.00] mg/L	08:27:31
1	Cu 324.752†	2311.2	2307.3	[0.00] mg/L	08:27:31
1	Fe 234.349†	1605.4	1602.7	[0.00] mg/L	08:27:31
1	Fe 238.204†	1159.9	1157.9	[0.00] mg/L	08:27:51
1	Mg 279.077†	318.8	318.2	[0.00] mg/L	08:27:31
1	Mn 257.610†	884.5	883.0	[0.00] mg/L	08:27:31
1	Mo 202.031†	34.1	34.0	[0.00] mg/L	08:27:51
1	Ni 231.604†	285.3	284.8	[0.00] mg/L	08:27:51
1	P 214.914†	97.2	97.1	[0.00] mg/L	08:27:51
1	Pb 220.353†	-149.0	-148.8	[0.00] mg/L	08:27:51
1	Sb 206.836†	48.3	48.2	[0.00] mg/L	08:27:51
1	Se 196.026†	-1.7	-1.7	[0.00] mg/L	08:27:51
1	Sn 189.927†	211.1	210.8	[0.00] mg/L	08:27:51
1	Sr 407.771†	3177.9	3172.5	[0.00] mg/L	08:27:26
1	Ti 337.279†	-2490.0	-2485.8	[0.00] mg/L	08:27:31
1	Tl 190.801†	-20.3	-20.3	[0.00] mg/L	08:27:51
1	V 292.402†	-1316.0	-1313.8	[0.00] mg/L	08:27:31
1	Zn 213.857†	799.5	798.2	[0.00] mg/L	08:27:51
2	K 766.490†	374.7	375.3	[0.00] mg/L	08:27:18
2	Li 670.784†	-166.9	-167.1	[0.00] mg/L	08:27:18
2	Na 589.592	5683.6	5683.6	[0.00] mg/L	08:27:18
2	Y 371.029	3563935.0	3563935.0	0.998 mg/L	08:27:57
2	Ag 328.068†	-2351.4	-2355.4	[0.00] mg/L	08:28:02
2	Al 237.313†	-203.8	-204.1	[0.00] mg/L	08:28:23
2	As 188.979†	4.0	4.0	[0.00] mg/L	08:28:23
2	B 182.528†	19.1	19.1	[0.00] mg/L	08:28:23
2	Ba 233.527†	-83.2	-83.4	[0.00] mg/L	08:28:23
2	Be 313.107†	-2268.5	-2272.3	[0.00] mg/L	08:28:02
2	Ca 315.886†	3195.8	3201.3	[0.00] mg/L	08:28:02
2	Cd 228.802†	153.1	153.4	[0.00] mg/L	08:28:23
2	Co 228.616†	-214.6	-215.0	[0.00] mg/L	08:28:23
2	Cr 267.716†	3456.8	3462.7	[0.00] mg/L	08:28:02
2	Cu 324.752†	2291.7	2295.6	[0.00] mg/L	08:28:02
2	Fe 234.349†	1599.1	1601.8	[0.00] mg/L	08:28:02
2	Fe 238.204†	1145.8	1147.8	[0.00] mg/L	08:28:23

2	Mg 279.077†	374.5	375.1	[0.00] mg/L	08:28:02
2	Mn 257.610†	830.1	831.5	[0.00] mg/L	08:28:02
2	Mo 202.031†	50.3	50.4	[0.00] mg/L	08:28:23
2	Ni 231.604†	256.1	256.6	[0.00] mg/L	08:28:23
2	P 214.914†	105.1	105.2	[0.00] mg/L	08:28:23
2	Pb 220.353†	-141.4	-141.6	[0.00] mg/L	08:28:23
2	Sb 206.836†	39.8	39.8	[0.00] mg/L	08:28:23
2	Se 196.026†	-10.3	-10.3	[0.00] mg/L	08:28:23
2	Sn 189.927†	213.3	213.7	[0.00] mg/L	08:28:23
2	Sr 407.771†	2891.9	2896.8	[0.00] mg/L	08:27:57
2	Ti 337.279†	-2515.8	-2520.1	[0.00] mg/L	08:28:02
2	Tl 190.801†	-8.1	-8.1	[0.00] mg/L	08:28:23
2	V 292.402†	-1267.2	-1269.3	[0.00] mg/L	08:28:02
2	Zn 213.857†	803.4	804.8	[0.00] mg/L	08:28:23

Mean Data: Calib Blank 1

Analyte	Mean Corrected		RSD	Calib	
	Intensity	Std.Dev.		Conc.	Units
Y 371.029	3570008.6	8589.36	0.24%	1.00	mg/L
Ag 328.068†	-2381.4	36.82	1.55%	[0.00]	mg/L
Al 237.313†	-190.1	19.76	10.39%	[0.00]	mg/L
As 188.979†	6.5	3.64	55.71%	[0.00]	mg/L
B 182.528†	17.6	2.07	11.73%	[0.00]	mg/L
Ba 233.527†	-86.9	4.95	5.70%	[0.00]	mg/L
Be 313.107†	-2349.4	109.00	4.64%	[0.00]	mg/L
Ca 315.886†	3167.9	47.22	1.49%	[0.00]	mg/L
Cd 228.802†	147.7	7.97	5.39%	[0.00]	mg/L
Co 228.616†	-207.3	10.93	5.27%	[0.00]	mg/L
Cr 267.716†	3514.2	72.81	2.07%	[0.00]	mg/L
Cu 324.752†	2301.4	8.25	0.36%	[0.00]	mg/L
Fe 234.349†	1602.3	0.62	0.04%	[0.00]	mg/L
Fe 238.204†	1152.9	7.14	0.62%	[0.00]	mg/L
K 766.490†	370.0	7.50	2.03%	[0.00]	mg/L
Li 670.784†	-144.2	32.46	22.51%	[0.00]	mg/L
Mg 279.077†	346.7	40.22	11.60%	[0.00]	mg/L
Mn 257.610†	857.3	36.43	4.25%	[0.00]	mg/L
Mo 202.031†	42.2	11.62	27.52%	[0.00]	mg/L
Na 589.592	5712.5	40.89	0.72%	[0.00]	mg/L
Ni 231.604†	270.7	19.98	7.38%	[0.00]	mg/L
P 214.914†	101.2	5.78	5.71%	[0.00]	mg/L
Pb 220.353†	-145.2	5.06	3.48%	[0.00]	mg/L
Sb 206.836†	44.0	5.93	13.47%	[0.00]	mg/L
Se 196.026†	-6.0	6.07	101.30%	[0.00]	mg/L
Sn 189.927†	212.2	2.05	0.96%	[0.00]	mg/L
Sr 407.771†	3034.7	194.97	6.42%	[0.00]	mg/L
Ti 337.279†	-2502.9	24.30	0.97%	[0.00]	mg/L
Tl 190.801†	-14.2	8.61	60.57%	[0.00]	mg/L
V 292.402†	-1291.6	31.44	2.43%	[0.00]	mg/L
Zn 213.857†	801.5	4.66	0.58%	[0.00]	mg/L

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Sequence No.: 2

Autosampler Location: 2

Sample ID: Calib Std 1

Date Collected: 8/2/2006 8:30:00 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Replicate Data: Calib Std 1

Repl#	Analyte	Net	Corrected	Calib.	Analysis
		Intensity	Intensity		
1	K 766.490†	9346.7	9044.3	[5.0000] mg/L	08:31:37
1	Li 670.784†	7151.3	7347.2	[0.1] mg/L	08:31:37
1	Na 589.592	36776.9	31064.3	[5.0000] mg/L	08:31:37
1	Y 371.029	3544373.1	3544373.1	0.993 mg/L	08:31:50
1	Ag 328.068†	10918.0	13378.4	[0.05] mg/L	08:31:56
1	Al 237.313†	3728.3	3945.4	[0.5] mg/L	08:32:16
1	As 188.979†	80.6	74.6	[0.1000] mg/L	08:32:16
1	B 182.528†	61.2	44.0	[0.1000] mg/L	08:32:16
1	Ba 233.527†	10815.9	10981.0	[0.1000] mg/L	08:32:16
1	Be 313.107†	40159.2	42799.1	[0.0100] mg/L	08:31:56

1	Ca 315.886†	180873.6	179014.0	[1.0000]	mg/L	08:31:56
1	Cd 228.802†	2558.9	2429.6	[0.0500]	mg/L	08:32:16
1	Co 228.616†	4339.8	4578.4	[0.1000]	mg/L	08:32:16
1	Cr 267.716†	20546.3	17180.7	[0.1000]	mg/L	08:31:56
1	Cu 324.752†	25919.9	23806.0	[0.1000]	mg/L	08:31:56
1	Fe 234.349†	27109.3	25703.1	[0.5]	mg/L	08:31:56
1	Fe 238.204†	65882.9	65206.6	[0.5]	mg/L	08:31:56
1	Mg 279.077†	25579.4	25417.7	[1.0000]	mg/L	08:31:56
1	Mn 257.610†	80809.9	80537.1	[0.1000]	mg/L	08:31:56
1	Mo 202.031†	1575.4	1544.6	[0.1000]	mg/L	08:32:16
1	Ni 231.604†	5954.4	5726.7	[0.1000]	mg/L	08:32:16
1	P 214.914†	1637.7	1548.4	[1]	mg/L	08:32:16
1	Pb 220.353†	922.8	1074.7	[0.1000]	mg/L	08:32:16
1	Sb 206.836†	260.7	218.5	[0.1000]	mg/L	08:32:16
1	Se 196.026†	185.9	193.3	[0.2000]	mg/L	08:32:16
1	Sn 189.927†	709.8	502.8	[0.1000]	mg/L	08:32:16
1	Sr 407.771†	248980.9	247747.0	[0.0100]	mg/L	08:31:50
1	Ti 337.279†	84642.1	87757.2	[0.1000]	mg/L	08:31:56
1	Tl 190.801†	123.9	139.0	[0.1000]	mg/L	08:32:16
1	V 292.402†	20016.6	21453.0	[0.1000]	mg/L	08:31:56
1	Zn 213.857†	10247.1	9519.7	[0.1000]	mg/L	08:32:16
2	K 766.490†	9451.9	9121.6	[5.0000]	mg/L	08:31:42
2	Li 670.784†	7203.5	7377.9	[0.1]	mg/L	08:31:42
2	Na 589.592	36779.9	31067.4	[5.0000]	mg/L	08:31:42
2	Y 371.029	3555070.7	3555070.7	0.996	mg/L	08:32:22
2	Ag 328.068†	11028.3	13456.1	[0.05]	mg/L	08:32:27
2	Al 237.313†	3701.9	3907.6	[0.5]	mg/L	08:32:48
2	As 188.979†	87.2	81.0	[0.1000]	mg/L	08:32:48
2	B 182.528†	64.8	47.4	[0.1000]	mg/L	08:32:48
2	Ba 233.527†	10835.7	10968.1	[0.1000]	mg/L	08:32:48
2	Be 313.107†	40588.2	43108.1	[0.0100]	mg/L	08:32:27
2	Ca 315.886†	183183.8	180785.6	[1.0000]	mg/L	08:32:27
2	Cd 228.802†	2558.3	2421.3	[0.0500]	mg/L	08:32:48
2	Co 228.616†	4338.4	4563.9	[0.1000]	mg/L	08:32:48
2	Cr 267.716†	20771.7	17344.8	[0.1000]	mg/L	08:32:27
2	Cu 324.752†	26216.3	24025.0	[0.1000]	mg/L	08:32:27
2	Fe 234.349†	27448.0	25961.1	[0.5]	mg/L	08:32:27
2	Fe 238.204†	66699.4	65826.8	[0.5]	mg/L	08:32:27
2	Mg 279.077†	26026.0	25788.7	[1.0000]	mg/L	08:32:27
2	Mn 257.610†	81781.6	81268.0	[0.1000]	mg/L	08:32:27
2	Mo 202.031†	1587.7	1552.2	[0.1000]	mg/L	08:32:48
2	Ni 231.604†	5923.8	5677.9	[0.1000]	mg/L	08:32:48
2	P 214.914†	1643.5	1549.3	[1]	mg/L	08:32:48
2	Pb 220.353†	923.0	1072.1	[0.1000]	mg/L	08:32:48
2	Sb 206.836†	246.4	203.4	[0.1000]	mg/L	08:32:48
2	Se 196.026†	188.6	195.3	[0.2000]	mg/L	08:32:48
2	Sn 189.927†	700.4	491.1	[0.1000]	mg/L	08:32:48
2	Sr 407.771†	249883.1	247898.4	[0.0100]	mg/L	08:32:22
2	Ti 337.279†	85779.8	88643.2	[0.1000]	mg/L	08:32:27
2	Tl 190.801†	119.1	133.8	[0.1000]	mg/L	08:32:48
2	V 292.402†	20337.4	21714.4	[0.1000]	mg/L	08:32:27
2	Zn 213.857†	10270.8	9512.5	[0.1000]	mg/L	08:32:48

Mean Data: Calib Std 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Units	Calib
Y 371.029	3549721.9	7564.33	0.21%	0.994	mg/L	
Ag 328.068†	13417.3	54.92	0.41%	[0.05]	mg/L	
Al 237.313†	3926.5	26.69	0.68%	[0.5]	mg/L	
As 188.979†	77.8	4.53	5.82%	[0.1000]	mg/L	
B 182.528†	45.7	2.40	5.26%	[0.1000]	mg/L	
Ba 233.527†	10974.6	9.14	0.08%	[0.1000]	mg/L	
Be 313.107†	42953.6	218.52	0.51%	[0.0100]	mg/L	
Ca 315.886†	179899.8	1252.75	0.70%	[1.0000]	mg/L	
Cd 228.802†	2425.5	5.86	0.24%	[0.0500]	mg/L	
Co 228.616†	4571.1	10.30	0.23%	[0.1000]	mg/L	
Cr 267.716†	17262.8	116.02	0.67%	[0.1000]	mg/L	
Cu 324.752†	23915.5	154.88	0.65%	[0.1000]	mg/L	
Fe 234.349†	25832.1	182.41	0.71%	[0.5]	mg/L	
Fe 238.204†	65516.7	438.58	0.67%	[0.5]	mg/L	
K 766.490†	9082.9	54.67	0.60%	[5.0000]	mg/L	

Li 670.784†	7362.6	21.74	0.30%	[0.1]	mg/L
Mg 279.077†	25603.2	262.32	1.02%	[1.0000]	mg/L
Mn 257.610†	80902.5	516.84	0.64%	[0.1000]	mg/L
Mo 202.031†	1548.4	5.40	0.35%	[0.1000]	mg/L
Na 589.592	31065.9	2.18	0.01%	[5.0000]	mg/L
Ni 231.604†	5702.3	34.49	0.60%	[0.1000]	mg/L
P 214.914†	1548.8	0.65	0.04%	[1]	mg/L
Pb 220.353†	1073.4	1.83	0.17%	[0.1000]	mg/L
Sb 206.836†	211.0	10.67	5.06%	[0.1000]	mg/L
Se 196.026†	194.3	1.47	0.76%	[0.2000]	mg/L
Sn 189.927†	496.9	8.24	1.66%	[0.1000]	mg/L
Sr 407.771†	247822.7	107.00	0.04%	[0.0100]	mg/L
Ti 337.279†	88200.2	626.48	0.71%	[0.1000]	mg/L
Tl 190.801†	136.4	3.67	2.69%	[0.1000]	mg/L
V 292.402†	21583.7	184.85	0.86%	[0.1000]	mg/L
Zn 213.857†	9516.1	5.15	0.05%	[0.1000]	mg/L

Sequence No.: 3

Sample ID: Calib Std 2

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/2/2006 8:34:25 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: Calib Std 2

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Analysis Time
1	K 766.490†	48751.7	49145.0	[25.0000] mg/L	08:36:01
1	Li 670.784†	37815.5	38551.7	[0.5] mg/L	08:36:01
1	Na 589.592	162925.9	157213.4	[25.000] mg/L	08:36:01
1	Y 371.029	3514978.8	3514978.8	0.985 mg/L	08:36:16
1	Ag 328.068†	63249.7	66621.3	[0.25] mg/L	08:36:22
1	Al 237.313†	18956.7	19443.6	[2.5] mg/L	08:36:22
1	As 188.979†	392.3	391.9	[0.5000] mg/L	08:36:42
1	B 182.528†	240.4	226.5	[0.5000] mg/L	08:36:42
1	Ba 233.527†	53182.2	54101.7	[0.5000] mg/L	08:36:22
1	Be 313.107†	210503.2	216148.2	[0.0500] mg/L	08:36:22
1	Ca 315.886†	885377.4	896070.8	[5.0000] mg/L	08:36:16
1	Cd 228.802†	12117.4	12159.4	[0.2500] mg/L	08:36:42
1	Co 228.616†	21785.2	22333.5	[0.5000] mg/L	08:36:22
1	Cr 267.716†	88344.5	86213.4	[0.5000] mg/L	08:36:22
1	Cu 324.752†	117428.3	116965.3	[0.5000] mg/L	08:36:22
1	Fe 234.349†	128259.6	128665.3	[2.5] mg/L	08:36:22
1	Fe 238.204†	321365.9	325244.3	[2.5] mg/L	08:36:22
1	Mg 279.077†	125889.3	127513.5	[5.0000] mg/L	08:36:22
1	Mn 257.610†	396742.5	402096.5	[0.5000] mg/L	08:36:22
1	Mo 202.031†	7596.1	7672.8	[0.5000] mg/L	08:36:42
1	Ni 231.604†	27767.9	27931.9	[0.5000] mg/L	08:36:22
1	P 214.914†	7765.9	7786.3	[5] mg/L	08:36:42
1	Pb 220.353†	4970.7	5193.8	[0.5000] mg/L	08:36:42
1	Sb 206.836†	1105.2	1078.5	[0.5000] mg/L	08:36:42
1	Se 196.026†	931.2	951.7	[1.0000] mg/L	08:36:42
1	Sn 189.927†	2520.4	2347.7	[0.5000] mg/L	08:36:42
1	Sr 407.771†	1204420.5	1220242.0	[0.0500] mg/L	08:36:16
1	Ti 337.279†	433654.5	442946.7	[0.5000] mg/L	08:36:16
1	Tl 190.801†	623.4	647.4	[0.5000] mg/L	08:36:42
1	V 292.402†	105971.7	108922.3	[0.5000] mg/L	08:36:22
1	Zn 213.857†	47090.2	47025.9	[0.5000] mg/L	08:36:22
2	K 766.490†	49102.6	49725.5	[25.0000] mg/L	08:36:07
2	Li 670.784†	38162.8	39078.7	[0.5] mg/L	08:36:07
2	Na 589.592	164035.9	158323.4	[25.000] mg/L	08:36:07
2	Y 371.029	3499250.1	3499250.1	0.980 mg/L	08:36:48
2	Ag 328.068†	63545.2	67211.5	[0.25] mg/L	08:36:54
2	Al 237.313†	19069.1	19644.9	[2.5] mg/L	08:36:54
2	As 188.979†	396.9	398.4	[0.5000] mg/L	08:37:14
2	B 182.528†	241.5	228.7	[0.5000] mg/L	08:37:14
2	Ba 233.527†	53319.6	54484.7	[0.5000] mg/L	08:36:54
2	Be 313.107†	211590.2	218218.2	[0.0500] mg/L	08:36:54
2	Ca 315.886†	880344.0	894977.6	[5.0000] mg/L	08:36:48
2	Cd 228.802†	12123.1	12220.5	[0.2500] mg/L	08:37:14
2	Co 228.616†	21816.5	22464.9	[0.5000] mg/L	08:36:54

2	Cr 267.716†	88695.5	86974.8	[0.5000]	mg/L	08:36:54
2	Cu 324.752†	117946.7	118030.3	[0.5000]	mg/L	08:36:54
2	Fe 234.349†	128555.2	129552.4	[2.5]	mg/L	08:36:54
2	Fe 238.204†	322420.1	327786.9	[2.5]	mg/L	08:36:54
2	Mg 279.077†	126357.4	128565.8	[5.0000]	mg/L	08:36:54
2	Mn 257.610†	397936.0	405125.4	[0.5000]	mg/L	08:36:54
2	Mo 202.031†	7618.1	7729.9	[0.5000]	mg/L	08:37:14
2	Ni 231.604†	27861.7	28154.4	[0.5000]	mg/L	08:36:54
2	P 214.914†	7777.0	7833.1	[5]	mg/L	08:37:14
2	Pb 220.353†	5004.8	5251.2	[0.5000]	mg/L	08:37:14
2	Sb 206.836†	1096.0	1074.1	[0.5000]	mg/L	08:37:14
2	Se 196.026†	928.8	953.6	[1.0000]	mg/L	08:37:14
2	Sn 189.927†	2510.4	2348.9	[0.5000]	mg/L	08:37:14
2	Sr 407.771†	1199462.1	1220681.8	[0.0500]	mg/L	08:36:48
2	Ti 337.279†	431952.1	443189.6	[0.5000]	mg/L	08:36:48
2	Tl 190.801†	640.7	667.9	[0.5000]	mg/L	08:37:14
2	V 292.402†	106444.6	109888.5	[0.5000]	mg/L	08:36:54
2	Zn 213.857†	47161.7	47313.9	[0.5000]	mg/L	08:36:54

Mean Data: Calib Std 2

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Units	Calib
Y 371.029	3507114.5	11121.90	0.32%	0.982	mg/L	
Ag 328.068†	66916.4	417.34	0.62%	[0.25]	mg/L	
Al 237.313†	19544.2	142.33	0.73%	[2.5]	mg/L	
As 188.979†	395.2	4.56	1.15%	[0.5000]	mg/L	
B 182.528†	227.6	1.61	0.71%	[0.5000]	mg/L	
Ba 233.527†	54293.2	270.81	0.50%	[0.5000]	mg/L	
Be 313.107†	217183.2	1463.66	0.67%	[0.0500]	mg/L	
Ca 315.886†	895524.2	773.03	0.09%	[5.0000]	mg/L	
Cd 228.802†	12189.9	43.21	0.35%	[0.2500]	mg/L	
Co 228.616†	22399.2	92.90	0.41%	[0.5000]	mg/L	
Cr 267.716†	86594.1	538.39	0.62%	[0.5000]	mg/L	
Cu 324.752†	117497.8	753.05	0.64%	[0.5000]	mg/L	
Fe 234.349†	129108.8	627.28	0.49%	[2.5]	mg/L	
Fe 238.204†	326515.6	1797.89	0.55%	[2.5]	mg/L	
K 766.490†	49435.2	410.47	0.83%	[25.0000]	mg/L	
Li 670.784†	38815.2	372.59	0.96%	[0.5]	mg/L	
Mg 279.077†	128039.7	744.04	0.58%	[5.0000]	mg/L	
Mn 257.610†	403611.0	2141.80	0.53%	[0.5000]	mg/L	
Mo 202.031†	7701.4	40.39	0.52%	[0.5000]	mg/L	
Na 589.592	157768.4	784.88	0.50%	[25.000]	mg/L	
Ni 231.604†	28043.2	157.31	0.56%	[0.5000]	mg/L	
P 214.914†	7809.7	33.09	0.42%	[5]	mg/L	
Pb 220.353†	5222.5	40.62	0.78%	[0.5000]	mg/L	
Sb 206.836†	1076.3	3.10	0.29%	[0.5000]	mg/L	
Se 196.026†	952.7	1.32	0.14%	[1.0000]	mg/L	
Sn 189.927†	2348.3	0.86	0.04%	[0.5000]	mg/L	
Sr 407.771†	1220461.9	310.96	0.03%	[0.0500]	mg/L	
Ti 337.279†	443068.1	171.79	0.04%	[0.5000]	mg/L	
Tl 190.801†	657.6	14.52	2.21%	[0.5000]	mg/L	
V 292.402†	109405.4	683.22	0.62%	[0.5000]	mg/L	
Zn 213.857†	47169.9	203.62	0.43%	[0.5000]	mg/L	

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Sequence No.: 4

Sample ID: Calib Std 3

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 4

Date Collected: 8/2/2006 8:38:52 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: Calib Std 3

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc.	Units	Calib.	Analysis Time
1	K 766.490†	99627.7	103037.4	[50.0000]	mg/L		08:40:27
1	Li 670.784†	74948.1	77935.8	[1]	mg/L		08:40:27
1	Na 589.592	317199.5	311487.0	[50.000]	mg/L		08:40:27
1	Y 371.029	3439515.7	3439515.7	0.963	mg/L		08:40:44
1	Ag 328.068†	126728.5	133917.9	[0.5]	mg/L		08:40:50
1	Al 237.313†	37969.4	39600.1	[5]	mg/L		08:40:50

1	As 188.979†	766.2	788.8	[1.0000]	mg/L	08:41:10
1	B 182.528†	465.8	465.9	[1.0000]	mg/L	08:41:10
1	Ba 233.527†	105010.9	109081.9	[1.0000]	mg/L	08:40:50
1	Be 313.107†	420175.5	438466.1	[0.1000]	mg/L	08:40:50
1	Ca 315.886†	1731977.7	1794519.8	[10.0000]	mg/L	08:40:44
1	Cd 228.802†	23865.9	24623.6	[0.5000]	mg/L	08:41:10
1	Co 228.616†	42885.6	44719.9	[1.0000]	mg/L	08:40:50
1	Cr 267.716†	170576.7	173534.0	[1.0000]	mg/L	08:40:50
1	Cu 324.752†	226751.2	233052.6	[1.0000]	mg/L	08:40:50
1	Fe 234.349†	250868.3	258783.8	[5.0]	mg/L	08:40:50
1	Fe 238.204†	631469.7	654274.3	[5.0]	mg/L	08:40:50
1	Mg 279.077†	246736.5	255750.8	[10.0000]	mg/L	08:40:50
1	Mn 257.610†	778530.6	807210.2	[1.0000]	mg/L	08:40:50
1	Mo 202.031†	15040.3	15568.7	[1.0000]	mg/L	08:41:10
1	Ni 231.604†	54182.6	55967.6	[1.0000]	mg/L	08:40:50
1	P 214.914†	15516.8	16004.4	[10]	mg/L	08:41:10
1	Pb 220.353†	10020.8	10546.2	[1.0000]	mg/L	08:41:10
1	Sb 206.836†	2128.9	2165.6	[1.0000]	mg/L	08:41:10
1	Se 196.026†	1843.1	1919.0	[2.0000]	mg/L	08:41:10
1	Sn 189.927†	4693.7	4659.6	[1.0000]	mg/L	08:41:10
1	Sr 407.771†	2338509.2	2424195.9	[0.1000]	mg/L	08:40:44
1	Ti 337.279†	856146.8	891131.4	[1.0000]	mg/L	08:40:44
1	Tl 190.801†	1303.5	1367.2	[1.0000]	mg/L	08:41:10
1	V 292.402†	211094.0	220394.4	[1.0000]	mg/L	08:40:50
1	Zn 213.857†	92032.9	94723.1	[1.0000]	mg/L	08:40:50
2	K 766.490†	99411.4	103361.9	[50.0000]	mg/L	08:40:34
2	Li 670.784†	74740.3	78132.7	[1]	mg/L	08:40:34
2	Na 589.592	316453.6	310741.1	[50.000]	mg/L	08:40:34
2	Y 371.029	3421316.4	3421316.4	0.958	mg/L	08:41:17
2	Ag 328.068†	127832.3	135769.4	[0.5]	mg/L	08:41:23
2	Al 237.313†	38193.6	40043.6	[5]	mg/L	08:41:23
2	As 188.979†	780.8	808.2	[1.0000]	mg/L	08:41:43
2	B 182.528†	468.5	471.2	[1.0000]	mg/L	08:41:43
2	Ba 233.527†	105705.8	110386.7	[1.0000]	mg/L	08:41:23
2	Be 313.107†	423136.9	443876.1	[0.1000]	mg/L	08:41:23
2	Ca 315.886†	1724036.3	1795795.9	[10.0000]	mg/L	08:41:17
2	Cd 228.802†	23914.6	24806.2	[0.5000]	mg/L	08:41:43
2	Co 228.616†	43221.9	45307.6	[1.0000]	mg/L	08:41:23
2	Cr 267.716†	171779.3	175730.7	[1.0000]	mg/L	08:41:23
2	Cu 324.752†	228172.5	235787.6	[1.0000]	mg/L	08:41:23
2	Fe 234.349†	252583.5	261958.7	[5.0]	mg/L	08:41:23
2	Fe 238.204†	635709.9	662185.3	[5.0]	mg/L	08:41:23
2	Mg 279.077†	248464.7	258916.5	[10.0000]	mg/L	08:41:23
2	Mn 257.610†	784004.6	817220.5	[1.0000]	mg/L	08:41:23
2	Mo 202.031†	15095.8	15709.6	[1.0000]	mg/L	08:41:43
2	Ni 231.604†	54440.0	56535.3	[1.0000]	mg/L	08:41:23
2	P 214.914†	15544.1	16118.5	[10]	mg/L	08:41:43
2	Pb 220.353†	10070.9	10653.8	[1.0000]	mg/L	08:41:43
2	Sb 206.836†	2133.0	2181.7	[1.0000]	mg/L	08:41:43
2	Se 196.026†	1851.4	1937.9	[2.0000]	mg/L	08:41:43
2	Sn 189.927†	4690.9	4682.5	[1.0000]	mg/L	08:41:43
2	Sr 407.771†	2325743.2	2423786.5	[0.1000]	mg/L	08:41:17
2	Ti 337.279†	852123.8	891660.4	[1.0000]	mg/L	08:41:17
2	Tl 190.801†	1340.0	1412.4	[1.0000]	mg/L	08:41:43
2	V 292.402†	212577.8	223108.1	[1.0000]	mg/L	08:41:23
2	Zn 213.857†	92623.2	95847.2	[1.0000]	mg/L	08:41:23

 Mean Data: Calib Std 3

Analyte	Mean Corrected			RSD	Conc. Units	Calib
	Intensity	Std.Dev.				
Y 371.029	3430416.1	12868.89	0.38%	0.961	mg/L	
Ag 328.068†	134843.6	1309.25	0.97%	[0.5]	mg/L	
Al 237.313†	39821.9	313.61	0.79%	[5]	mg/L	
As 188.979†	798.5	13.72	1.72%	[1.0000]	mg/L	
B 182.528†	468.5	3.81	0.81%	[1.0000]	mg/L	
Ba 233.527†	109734.3	922.64	0.84%	[1.0000]	mg/L	
Be 313.107†	441171.1	3825.49	0.87%	[0.1000]	mg/L	
Ca 315.886†	1795157.9	902.35	0.05%	[10.0000]	mg/L	
Cd 228.802†	24714.9	129.08	0.52%	[0.5000]	mg/L	
Co 228.616†	45013.7	415.55	0.92%	[1.0000]	mg/L	
Cr 267.716†	174632.4	1553.29	0.89%	[1.0000]	mg/L	

Cu 324.752†	234420.1	1933.91	0.82%	[1.0000]	mg/L
Fe 234.349†	260371.2	2245.02	0.86%	[5.0]	mg/L
Fe 238.204†	658229.8	5593.92	0.85%	[5.0]	mg/L
K 766.490†	103199.7	229.41	0.22%	[50.0000]	mg/L
Li 670.784†	78034.2	139.26	0.18%	[1]	mg/L
Mg 279.077†	257333.7	2238.47	0.87%	[10.0000]	mg/L
Mn 257.610†	812215.4	7078.39	0.87%	[1.0000]	mg/L
Mo 202.031†	15639.1	99.66	0.64%	[1.0000]	mg/L
Na 589.592	311114.1	527.47	0.17%	[50.000]	mg/L
Ni 231.604†	56251.4	401.41	0.71%	[1.0000]	mg/L
P 214.914†	16061.4	80.67	0.50%	[10]	mg/L
Pb 220.353†	10600.0	76.06	0.72%	[1.0000]	mg/L
Sb 206.836†	2173.6	11.35	0.52%	[1.0000]	mg/L
Se 196.026†	1928.4	13.34	0.69%	[2.0000]	mg/L
Sn 189.927†	4671.0	16.23	0.35%	[1.0000]	mg/L
Sr 407.771†	2423991.2	289.50	0.01%	[0.1000]	mg/L
Ti 337.279†	891395.9	374.09	0.04%	[1.0000]	mg/L
Tl 190.801†	1389.8	32.01	2.30%	[1.0000]	mg/L
V 292.402†	221751.2	1918.89	0.87%	[1.0000]	mg/L
Zn 213.857†	95285.1	794.83	0.83%	[1.0000]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	3	Lin, Calc Int	-123.5	269600	0.00000	0.999992	
Al 237.313	3	Lin, Calc Int	-92.7	7958	0.00000	0.999953	
As 188.979	3	Lin, Calc Int	-1.7	798.8	0.00000	0.999986	
B 182.528	3	Lin, Calc Int	-1.8	468.0	0.00000	0.999889	
Ba 233.527	3	Lin, Calc Int	-106.0	109600	0.00000	0.999984	
Be 313.107	3	Lin, Calc Int	-1147.1	4412000	0.00000	0.999968	
Ca 315.886	3	Lin, Calc Int	-210.8	179500	0.00000	0.999999	
Cd 228.802	3	Lin, Calc Int	-51.5	49420	0.00000	0.999975	
Co 228.616	3	Lin, Calc Int	11.0	44960	0.00000	0.999994	
Cr 267.716	3	Lin, Calc Int	-222.9	174600	0.00000	0.999991	
Cu 324.752	3	Lin, Calc Int	263.4	234200	0.00000	0.999998	
Fe 234.349	3	Lin, Calc Int	-290.6	52060	0.00000	0.999991	
Fe 238.204	3	Lin, Calc Int	-618.0	131600	0.00000	0.999991	
K 766.490	3	Lin, Calc Int	-950.2	2069	0.00000	0.999753	
Li 670.784	3	Lin, Calc Int	-233.0	78210	0.00000	0.999985	
Mg 279.077	3	Lin, Calc Int	-174.1	25730	0.00000	0.999997	
Mn 257.610	3	Lin, Calc Int	-604.6	812000	0.00000	0.999995	
Mo 202.031	3	Lin, Calc Int	-28.8	15630	0.00000	0.999968	
Na 589.592	3	Lin, Calc Int	390.0	6230	0.00000	0.999970	
Ni 231.604	3	Lin, Calc Int	18.9	56200	0.00000	0.999997	
P 214.914	3	Lin, Calc Int	-66.4	1605	0.00000	0.999898	
Pb 220.353	3	Lin, Calc Int	-8.4	10580	0.00000	0.999964	
Sb 206.836	3	Lin, Calc Int	-4.8	2175	0.00000	0.999987	
Se 196.026	3	Lin, Calc Int	-1.5	962.9	0.00000	0.999977	
Sn 189.927	3	Lin, Calc Int	15.6	4659	0.00000	0.999981	
Sr 407.771	3	Lin, Calc Int	3976.0	24230000	0.00000	0.999993	
Ti 337.279	3	Lin, Calc Int	-904.5	891400	0.00000	0.999995	
Tl 190.801	3	Lin, Calc Int	-8.1	1385	0.00000	0.999586	
V 292.402	3	Lin, Calc Int	-535.0	221800	0.00000	0.999976	
Zn 213.857	3	Lin, Calc Int	-93.2	95210	0.00000	0.999986	

Sequence No.: 5
 Sample ID: STD2
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 3
 Date Collected: 8/2/2006 8:43:22 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: STD2

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	48535.2	48876.5	24.08 mg/L	24.08 mg/L	08:44:59
1	Li 670.784†	36944.8	37630.5	0.4841 mg/L	0.4841 mg/L	08:44:59
1	Na 589.592	164049.0	158336.5	25.35 mg/L	25.35 mg/L	08:44:59
1	Y 371.029	3518442.4	3518442.4	0.986 mg/L		08:45:14
1	Ag 328.068†	63825.8	67142.7	0.2500 mg/L	0.2500 mg/L	08:45:20

1	Al 237.313†	19102.2	19572.3	2.462 mg/L	2.462 mg/L	08:45:20
1	As 188.979†	393.6	392.8	0.4927 mg/L	0.4927 mg/L	08:45:40
1	B 182.528†	241.2	227.1	0.4889 mg/L	0.4889 mg/L	08:45:40
1	Ba 233.527†	53374.1	54243.3	0.4956 mg/L	0.4956 mg/L	08:45:20
1	Be 313.107†	211277.0	216722.9	0.0491 mg/L	0.0491 mg/L	08:45:20
1	Ca 315.886†	880722.3	890462.2	4.966 mg/L	4.966 mg/L	08:45:14
1	Cd 228.802†	12186.1	12217.0	0.2480 mg/L	0.2480 mg/L	08:45:40
1	Co 228.616†	21852.2	22379.8	0.4963 mg/L	0.4963 mg/L	08:45:20
1	Cr 267.716†	88533.1	86316.4	0.4952 mg/L	0.4952 mg/L	08:45:20
1	Cu 324.752†	116067.0	115466.7	0.4926 mg/L	0.4926 mg/L	08:45:20
1	Fe 234.349†	128673.0	128956.5	2.477 mg/L	2.477 mg/L	08:45:20
1	Fe 238.204†	322503.8	326077.5	2.483 mg/L	2.483 mg/L	08:45:20
1	Mg 279.077†	126488.8	127995.9	4.986 mg/L	4.986 mg/L	08:45:20
1	Mn 257.610†	398063.7	403040.5	0.4972 mg/L	0.4972 mg/L	08:45:20
1	Mo 202.031†	7652.0	7721.9	0.4960 mg/L	0.4960 mg/L	08:45:40
1	Ni 231.604†	27835.2	27972.4	0.4980 mg/L	0.4980 mg/L	08:45:20
1	P 214.914†	7815.1	7828.5	4.918 mg/L	4.918 mg/L	08:45:40
1	Pb 220.353†	5026.5	5245.4	0.4977 mg/L	0.4977 mg/L	08:45:40
1	Sb 206.836†	1105.9	1078.1	0.4873 mg/L	0.4873 mg/L	08:45:40
1	Se 196.026†	931.2	950.8	0.9890 mg/L	0.9890 mg/L	08:45:40
1	Sn 189.927†	2486.9	2311.1	0.4934 mg/L	0.4934 mg/L	08:45:40
1	Sr 407.771†	1198975.9	1213513.4	0.0499 mg/L	0.0499 mg/L	08:45:14
1	Ti 337.279†	432299.8	441138.5	0.4959 mg/L	0.4959 mg/L	08:45:14
1	Tl 190.801†	669.3	693.3	0.5090 mg/L	0.5090 mg/L	08:45:40
1	V 292.402†	106243.3	109091.9	0.5013 mg/L	0.5013 mg/L	08:45:20
1	Zn 213.857†	47126.1	47015.3	0.4923 mg/L	0.4923 mg/L	08:45:20
2	K 766.490†	48073.5	48805.1	24.05 mg/L	24.05 mg/L	08:45:05
2	Li 670.784†	36771.5	37758.3	0.4857 mg/L	0.4857 mg/L	08:45:05
2	Na 589.592	162576.1	156863.6	25.12 mg/L	25.12 mg/L	08:45:05
2	Y 371.029	3490028.7	3490028.7	0.978 mg/L		08:45:46
2	Ag 328.068†	63360.5	67194.0	0.2502 mg/L	0.2502 mg/L	08:45:52
2	Al 237.313†	18863.3	19485.7	2.451 mg/L	2.451 mg/L	08:45:52
2	As 188.979†	396.8	399.3	0.5009 mg/L	0.5009 mg/L	08:46:12
2	B 182.528†	242.0	229.9	0.4949 mg/L	0.4949 mg/L	08:46:12
2	Ba 233.527†	52895.4	54194.5	0.4952 mg/L	0.4952 mg/L	08:45:52
2	Be 313.107†	209890.4	217049.9	0.0491 mg/L	0.0491 mg/L	08:45:52
2	Ca 315.886†	873364.4	890211.2	4.964 mg/L	4.964 mg/L	08:45:46
2	Cd 228.802†	12180.3	12311.7	0.2499 mg/L	0.2499 mg/L	08:46:12
2	Co 228.616†	21645.2	22348.5	0.4956 mg/L	0.4956 mg/L	08:45:52
2	Cr 267.716†	87891.2	86391.2	0.4956 mg/L	0.4956 mg/L	08:45:52
2	Cu 324.752†	115361.0	115703.2	0.4936 mg/L	0.4936 mg/L	08:45:52
2	Fe 234.349†	127379.9	128696.7	2.472 mg/L	2.472 mg/L	08:45:52
2	Fe 238.204†	319747.8	325922.5	2.482 mg/L	2.482 mg/L	08:45:52
2	Mg 279.077†	125191.1	127713.4	4.975 mg/L	4.975 mg/L	08:45:52
2	Mn 257.610†	394696.8	402884.6	0.4970 mg/L	0.4970 mg/L	08:45:52
2	Mo 202.031†	7674.2	7807.9	0.5015 mg/L	0.5015 mg/L	08:46:12
2	Ni 231.604†	27615.9	27978.1	0.4981 mg/L	0.4981 mg/L	08:45:52
2	P 214.914†	7822.2	7900.4	4.963 mg/L	4.963 mg/L	08:46:12
2	Pb 220.353†	5043.7	5304.5	0.5033 mg/L	0.5033 mg/L	08:46:12
2	Sb 206.836†	1100.8	1082.0	0.4891 mg/L	0.4891 mg/L	08:46:12
2	Se 196.026†	934.6	962.0	1.001 mg/L	1.001 mg/L	08:46:12
2	Sn 189.927†	2480.8	2325.4	0.4964 mg/L	0.4964 mg/L	08:46:12
2	Sr 407.771†	1191082.3	1215343.3	0.0500 mg/L	0.0500 mg/L	08:45:46
2	Ti 337.279†	428766.0	441094.9	0.4958 mg/L	0.4958 mg/L	08:45:46
2	Tl 190.801†	678.0	707.8	0.5194 mg/L	0.5194 mg/L	08:46:12
2	V 292.402†	105396.7	109103.6	0.5014 mg/L	0.5014 mg/L	08:45:52
2	Zn 213.857†	46774.3	47044.7	0.4926 mg/L	0.4926 mg/L	08:45:52

Mean Data: STD2

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3504235.6	0.982 mg/L	0.0056			0.57%
Ag 328.068†	67168.3	0.2501 mg/L	0.00014	0.2501 mg/L	0.00014	0.05%
QC value within limits for Ag 328.068 Recovery = 100.03%						
Al 237.313†	19529.0	2.457 mg/L	0.0077	2.457 mg/L	0.0077	0.31%
QC value within limits for Al 237.313 Recovery = 98.27%						
As 188.979†	396.1	0.4968 mg/L	0.00578	0.4968 mg/L	0.00578	1.16%
QC value within limits for As 188.979 Recovery = 99.36%						
B 182.528†	228.5	0.4919 mg/L	0.00427	0.4919 mg/L	0.00427	0.87%
QC value within limits for B 182.528 Recovery = 98.38%						
Ba 233.527†	54218.9	0.4954 mg/L	0.00031	0.4954 mg/L	0.00031	0.06%

QC value within limits for Ba 233.527	Recovery = 99.08%					
Be 313.107†	216886.4	0.0491 mg/L	0.00005	0.0491 mg/L	0.00005	0.11%
QC value within limits for Be 313.107	Recovery = 98.21%					
Ca 315.886†	890336.7	4.965 mg/L	0.0010	4.965 mg/L	0.0010	0.02%
QC value within limits for Ca 315.886	Recovery = 99.30%					
Cd 228.802†	12264.4	0.2490 mg/L	0.00132	0.2490 mg/L	0.00132	0.53%
QC value within limits for Cd 228.802	Recovery = 99.59%					
Co 228.616†	22364.1	0.4960 mg/L	0.00049	0.4960 mg/L	0.00049	0.10%
QC value within limits for Co 228.616	Recovery = 99.20%					
Cr 267.716†	86353.8	0.4954 mg/L	0.00030	0.4954 mg/L	0.00030	0.06%
QC value within limits for Cr 267.716	Recovery = 99.08%					
Cu 324.752†	115584.9	0.4931 mg/L	0.00071	0.4931 mg/L	0.00071	0.14%
QC value within limits for Cu 324.752	Recovery = 98.61%					
Fe 234.349†	128826.6	2.475 mg/L	0.0035	2.475 mg/L	0.0035	0.14%
QC value within limits for Fe 234.349	Recovery = 98.99%					
Fe 238.204†	326000.0	2.483 mg/L	0.0008	2.483 mg/L	0.0008	0.03%
QC value within limits for Fe 238.204	Recovery = 99.31%					
K 766.490†	48840.8	24.07 mg/L	0.024	24.07 mg/L	0.024	0.10%
QC value within limits for K 766.490	Recovery = 96.26%					
Li 670.784†	37694.4	0.4849 mg/L	0.00116	0.4849 mg/L	0.00116	0.24%
QC value within limits for Li 670.784	Recovery = 96.98%					
Mg 279.077†	127854.6	4.980 mg/L	0.0078	4.980 mg/L	0.0078	0.16%
QC value within limits for Mg 279.077	Recovery = 99.60%					
Mn 257.610†	402962.5	0.4971 mg/L	0.00014	0.4971 mg/L	0.00014	0.03%
QC value within limits for Mn 257.610	Recovery = 99.42%					
Mo 202.031†	7764.9	0.4987 mg/L	0.00389	0.4987 mg/L	0.00389	0.78%
QC value within limits for Mo 202.031	Recovery = 99.74%					
Na 589.592	157600.1	25.23 mg/L	0.167	25.23 mg/L	0.167	0.66%
QC value within limits for Na 589.592	Recovery = 100.94%					
Ni 231.604†	27975.3	0.4980 mg/L	0.00007	0.4980 mg/L	0.00007	0.01%
QC value within limits for Ni 231.604	Recovery = 99.61%					
P 214.914†	7864.4	4.940 mg/L	0.0316	4.940 mg/L	0.0316	0.64%
QC value within limits for P 214.914	Recovery = 98.81%					
Pb 220.353†	5275.0	0.5005 mg/L	0.00396	0.5005 mg/L	0.00396	0.79%
QC value within limits for Pb 220.353	Recovery = 100.10%					
Sb 206.836†	1080.1	0.4882 mg/L	0.00126	0.4882 mg/L	0.00126	0.26%
QC value within limits for Sb 206.836	Recovery = 97.64%					
Se 196.026†	956.4	0.9948 mg/L	0.00821	0.9948 mg/L	0.00821	0.83%
QC value within limits for Se 196.026	Recovery = 99.48%					
Sn 189.927†	2318.3	0.4949 mg/L	0.00218	0.4949 mg/L	0.00218	0.44%
QC value within limits for Sn 189.927	Recovery = 98.98%					
Sr 407.771†	1214428.4	0.0500 mg/L	0.00005	0.0500 mg/L	0.00005	0.11%
QC value within limits for Sr 407.771	Recovery = 99.92%					
Ti 337.279†	441116.7	0.4959 mg/L	0.00003	0.4959 mg/L	0.00003	0.01%
QC value within limits for Ti 337.279	Recovery = 99.17%					
Tl 190.801†	700.5	0.5142 mg/L	0.00739	0.5142 mg/L	0.00739	1.44%
QC value within limits for Tl 190.801	Recovery = 102.84%					
V 292.402†	109097.8	0.5014 mg/L	0.00010	0.5014 mg/L	0.00010	0.02%
QC value within limits for V 292.402	Recovery = 100.27%					
Zn 213.857†	47030.0	0.4925 mg/L	0.00022	0.4925 mg/L	0.00022	0.04%
QC value within limits for Zn 213.857	Recovery = 98.49%					

All analyte(s) passed QC.

Sequence No.: 6

Autosampler Location: 5

Sample ID: ICV

Date Collected: 8/2/2006 8:47:51 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Replicate Data: ICV

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	48474.2	48815.8	24.05 mg/L	24.05 mg/L	08:49:27
1	Li 670.784†	36680.0	37362.6	0.4807 mg/L	0.4807 mg/L	08:49:27
1	Na 589.592	161274.1	155561.6	24.91 mg/L	24.91 mg/L	08:49:27
1	Y 371.029	3518359.2	3518359.2	0.986 mg/L		08:49:42
1	Ag 328.068†	63959.2	67279.6	0.2505 mg/L	0.2505 mg/L	08:49:48
1	Al 237.313†	18801.9	19268.0	2.424 mg/L	2.424 mg/L	08:49:48
1	As 188.979†	379.9	378.9	0.4753 mg/L	0.4753 mg/L	08:50:08
1	B 182.528†	237.0	222.8	0.4798 mg/L	0.4798 mg/L	08:50:08

1	Ba 233.527†	52375.0	53230.7	0.4864 mg/L	0.4864 mg/L	08:49:48
1	Be 313.107†	212831.1	218304.8	0.0494 mg/L	0.0494 mg/L	08:49:48
1	Ca 315.886†	885490.5	895321.6	4.993 mg/L	4.993 mg/L	08:49:42
1	Cd 228.802†	12150.3	12180.9	0.2474 mg/L	0.2474 mg/L	08:50:08
1	Co 228.616†	21523.5	22046.7	0.4890 mg/L	0.4890 mg/L	08:49:48
1	Cr 267.716†	88391.8	86175.2	0.4944 mg/L	0.4944 mg/L	08:49:48
1	Cu 324.752†	115254.5	114645.0	0.4890 mg/L	0.4890 mg/L	08:49:48
1	Fe 234.349†	129072.6	129365.1	2.485 mg/L	2.485 mg/L	08:49:48
1	Fe 238.204†	323698.3	327297.4	2.493 mg/L	2.493 mg/L	08:49:48
1	Mg 279.077†	123812.0	125282.9	4.880 mg/L	4.880 mg/L	08:49:48
1	Mn 257.610†	395554.7	400504.2	0.4941 mg/L	0.4941 mg/L	08:49:48
1	Mo 202.031†	7577.1	7646.1	0.4911 mg/L	0.4911 mg/L	08:50:08
1	Ni 231.604†	27832.0	27969.9	0.4979 mg/L	0.4979 mg/L	08:49:48
1	P 214.914†	7639.9	7650.9	4.807 mg/L	4.807 mg/L	08:50:08
1	Pb 220.353†	4943.3	5161.0	0.4897 mg/L	0.4897 mg/L	08:50:08
1	Sb 206.836†	1074.0	1045.7	0.4725 mg/L	0.4725 mg/L	08:50:08
1	Se 196.026†	924.2	943.8	0.9817 mg/L	0.9817 mg/L	08:50:08
1	Sn 189.927†	2453.8	2277.6	0.4861 mg/L	0.4861 mg/L	08:50:08
1	Sr 407.771†	1197679.3	1212226.5	0.0499 mg/L	0.0499 mg/L	08:49:42
1	Ti 337.279†	414818.8	423411.3	0.4760 mg/L	0.4760 mg/L	08:49:42
1	Tl 190.801†	650.8	674.5	0.4955 mg/L	0.4955 mg/L	08:50:08
1	V 292.402†	104748.1	107577.4	0.4944 mg/L	0.4944 mg/L	08:49:48
1	Zn 213.857†	46999.2	46887.7	0.4909 mg/L	0.4909 mg/L	08:49:48
2	K 766.490†	48336.7	48699.2	24.00 mg/L	24.00 mg/L	08:49:34
2	Li 670.784†	36693.8	37394.1	0.4811 mg/L	0.4811 mg/L	08:49:34
2	Na 589.592	161317.6	155605.1	24.91 mg/L	24.91 mg/L	08:49:34
2	Y 371.029	3516711.4	3516711.4	0.985 mg/L	0.985 mg/L	08:50:14
2	Ag 328.068†	63790.4	67138.6	0.2499 mg/L	0.2499 mg/L	08:50:20
2	Al 237.313†	18717.9	19191.8	2.414 mg/L	2.414 mg/L	08:50:20
2	As 188.979†	380.2	379.5	0.4760 mg/L	0.4760 mg/L	08:50:40
2	B 182.528†	237.2	223.1	0.4804 mg/L	0.4804 mg/L	08:50:40
2	Ba 233.527†	52268.3	53147.4	0.4856 mg/L	0.4856 mg/L	08:50:20
2	Be 313.107†	212517.7	218087.9	0.0494 mg/L	0.0494 mg/L	08:50:20
2	Ca 315.886†	883964.4	894193.4	4.986 mg/L	4.986 mg/L	08:50:14
2	Cd 228.802†	12135.4	12171.6	0.2472 mg/L	0.2472 mg/L	08:50:40
2	Co 228.616†	21420.4	21952.2	0.4869 mg/L	0.4869 mg/L	08:50:20
2	Cr 267.716†	88062.1	85882.5	0.4927 mg/L	0.4927 mg/L	08:50:20
2	Cu 324.752†	114903.1	114343.1	0.4877 mg/L	0.4877 mg/L	08:50:20
2	Fe 234.349†	128714.0	129062.5	2.479 mg/L	2.479 mg/L	08:50:20
2	Fe 238.204†	322856.1	326596.3	2.487 mg/L	2.487 mg/L	08:50:20
2	Mg 279.077†	123308.6	124830.8	4.862 mg/L	4.862 mg/L	08:50:20
2	Mn 257.610†	394477.5	399598.7	0.4930 mg/L	0.4930 mg/L	08:50:20
2	Mo 202.031†	7543.6	7615.8	0.4892 mg/L	0.4892 mg/L	08:50:40
2	Ni 231.604†	27712.9	27862.2	0.4960 mg/L	0.4960 mg/L	08:50:20
2	P 214.914†	7610.9	7625.1	4.791 mg/L	4.791 mg/L	08:50:40
2	Pb 220.353†	4924.0	5143.8	0.4881 mg/L	0.4881 mg/L	08:50:40
2	Sb 206.836†	1080.8	1053.1	0.4759 mg/L	0.4759 mg/L	08:50:40
2	Se 196.026†	928.5	948.6	0.9867 mg/L	0.9867 mg/L	08:50:40
2	Sn 189.927†	2457.5	2282.5	0.4872 mg/L	0.4872 mg/L	08:50:40
2	Sr 407.771†	1196407.6	1211505.0	0.0498 mg/L	0.0498 mg/L	08:50:14
2	Ti 337.279†	415933.8	424740.4	0.4775 mg/L	0.4775 mg/L	08:50:14
2	Tl 190.801†	654.5	678.7	0.4984 mg/L	0.4984 mg/L	08:50:40
2	V 292.402†	104596.4	107473.1	0.4939 mg/L	0.4939 mg/L	08:50:20
2	Zn 213.857†	46856.7	46765.3	0.4897 mg/L	0.4897 mg/L	08:50:20

 Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3517535.3	0.985 mg/L	0.0003			0.03%
Ag 328.068†	67209.1	0.2502 mg/L	0.00037	0.2502 mg/L	0.00037	0.15%
QC value within limits for Ag 328.068 Recovery = 100.08%						
Al 237.313†	19229.9	2.419 mg/L	0.0068	2.419 mg/L	0.0068	0.28%
QC value within limits for Al 237.313 Recovery = 96.76%						
As 188.979†	379.2	0.4757 mg/L	0.00048	0.4757 mg/L	0.00048	0.10%
QC value within limits for As 188.979 Recovery = 95.14%						
B 182.528†	223.0	0.4801 mg/L	0.00047	0.4801 mg/L	0.00047	0.10%
QC value within limits for B 182.528 Recovery = 96.02%						
Ba 233.527†	53189.0	0.4860 mg/L	0.00054	0.4860 mg/L	0.00054	0.11%
QC value within limits for Ba 233.527 Recovery = 97.20%						
Be 313.107†	218196.4	0.0494 mg/L	0.00004	0.0494 mg/L	0.00004	0.07%
QC value within limits for Be 313.107 Recovery = 98.83%						

Ca 315.886†	894757.5	4.989 mg/L	0.0044	4.989 mg/L	0.0044	0.09%
QC value within limits for Ca 315.886 Recovery = 99.79%						
Cd 228.802†	12176.3	0.2473 mg/L	0.00014	0.2473 mg/L	0.00014	0.06%
QC value within limits for Cd 228.802 Recovery = 98.91%						
Co 228.616†	21999.5	0.4879 mg/L	0.00149	0.4879 mg/L	0.00149	0.30%
QC value within limits for Co 228.616 Recovery = 97.58%						
Cr 267.716†	86028.8	0.4936 mg/L	0.00118	0.4936 mg/L	0.00118	0.24%
QC value within limits for Cr 267.716 Recovery = 98.71%						
Cu 324.752†	114494.0	0.4884 mg/L	0.00091	0.4884 mg/L	0.00091	0.19%
QC value within limits for Cu 324.752 Recovery = 97.68%						
Fe 234.349†	129213.8	2.482 mg/L	0.0041	2.482 mg/L	0.0041	0.16%
QC value within limits for Fe 234.349 Recovery = 99.29%						
Fe 238.204†	326946.8	2.490 mg/L	0.0038	2.490 mg/L	0.0038	0.15%
QC value within limits for Fe 238.204 Recovery = 99.59%						
K 766.490†	48757.5	24.03 mg/L	0.040	24.03 mg/L	0.040	0.17%
QC value within limits for K 766.490 Recovery = 96.10%						
Li 670.784†	37378.4	0.4809 mg/L	0.00028	0.4809 mg/L	0.00028	0.06%
QC value within limits for Li 670.784 Recovery = 96.17%						
Mg 279.077†	125056.8	4.871 mg/L	0.0124	4.871 mg/L	0.0124	0.26%
QC value within limits for Mg 279.077 Recovery = 97.43%						
Mn 257.610†	400051.4	0.4935 mg/L	0.00079	0.4935 mg/L	0.00079	0.16%
QC value within limits for Mn 257.610 Recovery = 98.71%						
Mo 202.031†	7630.9	0.4901 mg/L	0.00137	0.4901 mg/L	0.00137	0.28%
QC value within limits for Mo 202.031 Recovery = 98.03%						
Na 589.592	155583.4	24.91 mg/L	0.005	24.91 mg/L	0.005	0.02%
QC value within limits for Na 589.592 Recovery = 99.64%						
Ni 231.604†	27916.0	0.4970 mg/L	0.00136	0.4970 mg/L	0.00136	0.27%
QC value within limits for Ni 231.604 Recovery = 99.40%						
P 214.914†	7638.0	4.799 mg/L	0.0114	4.799 mg/L	0.0114	0.24%
QC value within limits for P 214.914 Recovery = 95.98%						
Pb 220.353†	5152.4	0.4889 mg/L	0.00115	0.4889 mg/L	0.00115	0.24%
QC value within limits for Pb 220.353 Recovery = 97.78%						
Sb 206.836†	1049.4	0.4742 mg/L	0.00243	0.4742 mg/L	0.00243	0.51%
QC value within limits for Sb 206.836 Recovery = 94.84%						
Se 196.026†	946.2	0.9842 mg/L	0.00352	0.9842 mg/L	0.00352	0.36%
QC value within limits for Se 196.026 Recovery = 98.42%						
Sn 189.927†	2280.1	0.4867 mg/L	0.00074	0.4867 mg/L	0.00074	0.15%
QC value within limits for Sn 189.927 Recovery = 97.33%						
Sr 407.771†	1211865.7	0.0499 mg/L	0.00002	0.0499 mg/L	0.00002	0.04%
QC value within limits for Sr 407.771 Recovery = 99.71%						
Ti 337.279†	424075.8	0.4767 mg/L	0.00105	0.4767 mg/L	0.00105	0.22%
QC value within limits for Ti 337.279 Recovery = 95.35%						
Tl 190.801†	676.6	0.4970 mg/L	0.00211	0.4970 mg/L	0.00211	0.42%
QC value within limits for Tl 190.801 Recovery = 99.39%						
V 292.402†	107525.3	0.4942 mg/L	0.00036	0.4942 mg/L	0.00036	0.07%
QC value within limits for V 292.402 Recovery = 98.83%						
Zn 213.857†	46826.5	0.4903 mg/L	0.00090	0.4903 mg/L	0.00090	0.18%
QC value within limits for Zn 213.857 Recovery = 98.06%						

All analyte(s) passed QC.

Sequence No.: 7

Sample ID: ICCB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 1

Date Collected: 8/2/2006 8:52:20 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: ICCB

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	396.0	27.0	0.4723 mg/L	0.4723 mg/L	08:53:53
1	Li 670.784†	-130.8	13.0	0.0031 mg/L	0.0031 mg/L	08:53:53
1	Na 589.592	5980.1	267.6	-0.0196 mg/L	-0.0196 mg/L	08:53:53
1	Y 371.029	3561134.4	3561134.4	0.998 mg/L		08:54:06
1	Ag 328.068†	-2142.3	233.8	0.0013 mg/L	0.0013 mg/L	08:54:12
1	Al 237.313†	-190.6	-0.9	0.0115 mg/L	0.0115 mg/L	08:54:32
1	As 188.979†	11.4	4.9	0.0082 mg/L	0.0082 mg/L	08:54:32
1	B 182.528†	14.8	-2.8	-0.0022 mg/L	-0.0022 mg/L	08:54:32
1	Ba 233.527†	-90.4	-3.8	0.0009 mg/L	0.0009 mg/L	08:54:32
1	Be 313.107†	-2297.5	46.2	0.0003 mg/L	0.0003 mg/L	08:54:12
1	Ca 315.886†	3110.9	-49.2	0.0009 mg/L	0.0009 mg/L	08:54:12

1	Cd 228.802†	139.1	-8.3	0.0008 mg/L	0.0008 mg/L	08:54:32
1	Co 228.616†	-190.5	16.3	0.0001 mg/L	0.0001 mg/L	08:54:32
1	Cr 267.716†	3480.4	-25.1	0.0011 mg/L	0.0011 mg/L	08:54:12
1	Cu 324.752†	2159.8	-136.2	-0.0017 mg/L	-0.0017 mg/L	08:54:12
1	Fe 234.349†	1639.7	41.5	0.0064 mg/L	0.0064 mg/L	08:54:32
1	Fe 238.204†	1283.7	134.0	0.0057 mg/L	0.0057 mg/L	08:54:32
1	Mg 279.077†	407.1	61.4	0.0092 mg/L	0.0092 mg/L	08:54:12
1	Mn 257.610†	741.9	-113.5	0.0006 mg/L	0.0006 mg/L	08:54:12
1	Mo 202.031†	50.2	8.1	0.0024 mg/L	0.0024 mg/L	08:54:32
1	Ni 231.604†	277.3	7.3	-0.0002 mg/L	-0.0002 mg/L	08:54:32
1	P 214.914†	108.6	7.7	0.0462 mg/L	0.0462 mg/L	08:54:32
1	Pb 220.353†	-153.5	-8.7	0.0000 mg/L	0.0000 mg/L	08:54:32
1	Sb 206.836†	38.6	-5.3	-0.0003 mg/L	-0.0003 mg/L	08:54:32
1	Se 196.026†	-3.2	2.8	0.0044 mg/L	0.0044 mg/L	08:54:32
1	Sn 189.927†	157.8	-54.0	-0.0149 mg/L	-0.0149 mg/L	08:54:32
1	Sr 407.771†	3117.8	90.9	-0.0002 mg/L	-0.0002 mg/L	08:54:06
1	Ti 337.279†	-2256.5	240.8	0.0013 mg/L	0.0013 mg/L	08:54:12
1	Tl 190.801†	42.5	56.9	0.0469 mg/L	0.0469 mg/L	08:54:32
1	V 292.402†	-1329.1	-40.8	0.0023 mg/L	0.0023 mg/L	08:54:12
1	Zn 213.857†	816.9	17.4	0.0012 mg/L	0.0012 mg/L	08:54:32
2	K 766.490†	421.5	51.5	0.4841 mg/L	0.4841 mg/L	08:53:58
2	Li 670.784†	-123.2	21.0	0.0032 mg/L	0.0032 mg/L	08:53:58
2	Na 589.592	5917.0	204.5	-0.0298 mg/L	-0.0298 mg/L	08:53:58
2	Y 371.029	3569648.4	3569648.4	1.000 mg/L		08:54:38
2	Ag 328.068†	-2125.0	256.2	0.0014 mg/L	0.0014 mg/L	08:54:43
2	Al 237.313†	-186.1	4.0	0.0121 mg/L	0.0121 mg/L	08:55:03
2	As 188.979†	10.6	4.1	0.0072 mg/L	0.0072 mg/L	08:55:03
2	B 182.528†	12.1	-5.5	-0.0080 mg/L	-0.0080 mg/L	08:55:03
2	Ba 233.527†	-75.0	11.9	0.0011 mg/L	0.0011 mg/L	08:55:03
2	Be 313.107†	-2406.4	-57.2	0.0002 mg/L	0.0002 mg/L	08:54:43
2	Ca 315.886†	3121.7	-45.9	0.0009 mg/L	0.0009 mg/L	08:54:43
2	Cd 228.802†	152.6	4.9	0.0011 mg/L	0.0011 mg/L	08:55:03
2	Co 228.616†	-214.9	-7.6	-0.0004 mg/L	-0.0004 mg/L	08:55:03
2	Cr 267.716†	3465.1	-48.8	0.0010 mg/L	0.0010 mg/L	08:54:43
2	Cu 324.752†	2131.2	-170.0	-0.0018 mg/L	-0.0018 mg/L	08:54:43
2	Fe 234.349†	1663.5	61.4	0.0068 mg/L	0.0068 mg/L	08:55:03
2	Fe 238.204†	1258.9	106.2	0.0055 mg/L	0.0055 mg/L	08:55:03
2	Mg 279.077†	437.3	90.7	0.0103 mg/L	0.0103 mg/L	08:54:43
2	Mn 257.610†	759.4	-97.8	0.0006 mg/L	0.0006 mg/L	08:54:43
2	Mo 202.031†	50.7	8.5	0.0024 mg/L	0.0024 mg/L	08:55:03
2	Ni 231.604†	258.5	-12.2	-0.0006 mg/L	-0.0006 mg/L	08:55:03
2	P 214.914†	108.0	6.8	0.0456 mg/L	0.0456 mg/L	08:55:03
2	Pb 220.353†	-142.6	2.6	0.0010 mg/L	0.0010 mg/L	08:55:03
2	Sb 206.836†	47.4	3.4	0.0037 mg/L	0.0037 mg/L	08:55:03
2	Se 196.026†	-6.3	-0.3	0.0012 mg/L	0.0012 mg/L	08:55:03
2	Sn 189.927†	167.5	-44.7	-0.0129 mg/L	-0.0129 mg/L	08:55:03
2	Sr 407.771†	3291.7	257.3	-0.0002 mg/L	-0.0002 mg/L	08:54:38
2	Ti 337.279†	-2387.6	115.1	0.0011 mg/L	0.0011 mg/L	08:54:43
2	Tl 190.801†	38.1	52.3	0.0436 mg/L	0.0436 mg/L	08:55:03
2	V 292.402†	-1315.9	-24.5	0.0023 mg/L	0.0023 mg/L	08:54:43
2	Zn 213.857†	793.7	-7.7	0.0009 mg/L	0.0009 mg/L	08:55:03

Mean Data: ICCB

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3565391.4	0.999 mg/L	0.0017			0.17%
Ag 328.068†	245.0	0.0014 mg/L	0.00006	0.0014 mg/L	0.00006	4.29%
QC value within limits for Ag 328.068 Recovery = Not calculated						
Al 237.313†	1.5	0.0118 mg/L	0.00044	0.0118 mg/L	0.00044	3.70%
QC value within limits for Al 237.313 Recovery = Not calculated						
As 188.979†	4.5	0.0077 mg/L	0.00070	0.0077 mg/L	0.00070	9.14%
QC value within limits for As 188.979 Recovery = Not calculated						
B 182.528†	-4.1	-0.0051 mg/L	0.00410	-0.0051 mg/L	0.00410	80.60%
QC value within limits for B 182.528 Recovery = Not calculated						
Ba 233.527†	4.0	0.0010 mg/L	0.00010	0.0010 mg/L	0.00010	10.04%
QC value within limits for Ba 233.527 Recovery = Not calculated						
Be 313.107†	-5.5	0.0003 mg/L	0.00002	0.0003 mg/L	0.00002	6.40%
QC value within limits for Be 313.107 Recovery = Not calculated						
Ca 315.886†	-47.6	0.0009 mg/L	0.00001	0.0009 mg/L	0.00001	1.47%
QC value within limits for Ca 315.886 Recovery = Not calculated						
Cd 228.802†	-1.7	0.0010 mg/L	0.00019	0.0010 mg/L	0.00019	19.87%

QC value within limits for Cd 228.802	Recovery = Not calculated				
Co 228.616†	4.3	-0.0002 mg/L	0.00038	-0.0002 mg/L	0.00038 249.24%
QC value within limits for Co 228.616	Recovery = Not calculated				
Cr 267.716†	-36.9	0.0011 mg/L	0.00010	0.0011 mg/L	0.00010 9.01%
QC value within limits for Cr 267.716	Recovery = Not calculated				
Cu 324.752†	-153.1	-0.0018 mg/L	0.00010	-0.0018 mg/L	0.00010 5.75%
QC value within limits for Cu 324.752	Recovery = Not calculated				
Fe 234.349†	51.5	0.0066 mg/L	0.00027	0.0066 mg/L	0.00027 4.15%
QC value within limits for Fe 234.349	Recovery = Not calculated				
Fe 238.204†	120.1	0.0056 mg/L	0.00015	0.0056 mg/L	0.00015 2.66%
QC value within limits for Fe 238.204	Recovery = Not calculated				
K 766.490†	39.2	0.4782 mg/L	0.00837	0.4782 mg/L	0.00837 1.75%
QC value greater than the upper limit for K 766.490	Recovery = Not calculated				
Li 670.784†	17.0	0.0032 mg/L	0.00007	0.0032 mg/L	0.00007 2.25%
QC value within limits for Li 670.784	Recovery = Not calculated				
Mg 279.077†	76.1	0.0097 mg/L	0.00080	0.0097 mg/L	0.00080 8.27%
QC value greater than the upper limit for Mg 279.077	Recovery = Not calculated				
Mn 257.610†	-105.7	0.0006 mg/L	0.00001	0.0006 mg/L	0.00001 2.22%
QC value within limits for Mn 257.610	Recovery = Not calculated				
Mo 202.031†	8.3	0.0024 mg/L	0.00002	0.0024 mg/L	0.00002 0.76%
QC value within limits for Mo 202.031	Recovery = Not calculated				
Na 589.592	236.0	-0.0247 mg/L	0.00717	-0.0247 mg/L	0.00717 29.00%
QC value within limits for Na 589.592	Recovery = Not calculated				
Ni 231.604†	-2.4	-0.0004 mg/L	0.00025	-0.0004 mg/L	0.00025 64.64%
QC value within limits for Ni 231.604	Recovery = Not calculated				
P 214.914†	7.3	0.0459 mg/L	0.00038	0.0459 mg/L	0.00038 0.84%
QC value within limits for P 214.914	Recovery = Not calculated				
Pb 220.353†	-3.1	0.0005 mg/L	0.00075	0.0005 mg/L	0.00075 146.66%
QC value within limits for Pb 220.353	Recovery = Not calculated				
Sb 206.836†	-1.0	0.0017 mg/L	0.00284	0.0017 mg/L	0.00284 164.42%
QC value within limits for Sb 206.836	Recovery = Not calculated				
Se 196.026†	1.2	0.0028 mg/L	0.00228	0.0028 mg/L	0.00228 81.21%
QC value within limits for Se 196.026	Recovery = Not calculated				
Sn 189.927†	-49.4	-0.0139 mg/L	0.00141	-0.0139 mg/L	0.00141 10.15%
QC value within limits for Sn 189.927	Recovery = Not calculated				
Sr 407.771†	174.1	-0.0002 mg/L	0.00000	-0.0002 mg/L	0.00000 3.10%
QC value within limits for Sr 407.771	Recovery = Not calculated				
Ti 337.279†	178.0	0.0012 mg/L	0.00010	0.0012 mg/L	0.00010 8.21%
QC value within limits for Ti 337.279	Recovery = Not calculated				
Tl 190.801†	54.6	0.0452 mg/L	0.00232	0.0452 mg/L	0.00232 5.13%
QC value greater than the upper limit for Tl 190.801	Recovery = Not calculated				
V 292.402†	-32.7	0.0023 mg/L	0.00005	0.0023 mg/L	0.00005 2.28%
QC value greater than the upper limit for V 292.402	Recovery = Not calculated				
Zn 213.857†	4.9	0.0010 mg/L	0.00019	0.0010 mg/L	0.00019 17.84%
QC value within limits for Zn 213.857	Recovery = Not calculated				
QC Failed. Continue with analysis.					

Sequence No.: 8

Autosampler Location: 6

Sample ID: CRI1

Date Collected: 8/2/2006 8:56:41 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Replicate Data: CRI1

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	4764.6	4448.0	2.609 mg/L	2.609 mg/L	08:58:21
1	Li 670.784†	3440.4	3623.1	0.0493 mg/L	0.0493 mg/L	08:58:21
1	Na 589.592	21648.2	15935.7	2.495 mg/L	2.495 mg/L	08:58:21
1	Y 371.029	3530442.2	3530442.2	0.989 mg/L		08:58:34
1	Ag 328.068†	4592.4	7025.3	0.0266 mg/L	0.0266 mg/L	08:58:40
1	Al 237.313†	1795.8	2006.0	0.2628 mg/L	0.2628 mg/L	08:58:40
1	As 188.979†	45.0	39.0	0.0508 mg/L	0.0508 mg/L	08:59:00
1	B 182.528†	28.4	11.1	0.0274 mg/L	0.0274 mg/L	08:59:00
1	Ba 233.527†	5457.1	5605.2	0.0521 mg/L	0.0521 mg/L	08:58:40
1	Be 313.107†	19516.4	22084.6	0.0052 mg/L	0.0052 mg/L	08:58:40
1	Ca 315.886†	95347.9	93248.6	0.5210 mg/L	0.5210 mg/L	08:58:40
1	Cd 228.802†	1354.3	1221.7	0.0257 mg/L	0.0257 mg/L	08:59:00
1	Co 228.616†	2094.3	2325.0	0.0513 mg/L	0.0513 mg/L	08:59:00
1	Cr 267.716†	12377.3	9001.8	0.0528 mg/L	0.0528 mg/L	08:58:40

1	Cu 324.752†	13934.6	11789.4	0.0493 mg/L	0.0493 mg/L	08:58:40
1	Fe 234.349†	14850.2	13414.4	0.2627 mg/L	0.2627 mg/L	08:58:40
1	Fe 238.204†	34762.3	33999.0	0.2631 mg/L	0.2631 mg/L	08:58:40
1	Mg 279.077†	13568.2	13373.6	0.5270 mg/L	0.5270 mg/L	08:58:40
1	Mn 257.610†	42230.8	41846.8	0.0523 mg/L	0.0523 mg/L	08:58:40
1	Mo 202.031†	831.2	798.3	0.0529 mg/L	0.0529 mg/L	08:59:00
1	Ni 231.604†	3136.6	2901.1	0.0513 mg/L	0.0513 mg/L	08:58:40
1	P 214.914†	886.3	795.1	0.5366 mg/L	0.5366 mg/L	08:59:00
1	Pb 220.353†	387.6	537.1	0.0517 mg/L	0.0517 mg/L	08:59:00
1	Sb 206.836†	147.9	105.5	0.0496 mg/L	0.0496 mg/L	08:59:00
1	Se 196.026†	83.8	90.7	0.0958 mg/L	0.0958 mg/L	08:59:00
1	Sn 189.927†	393.0	185.2	0.0365 mg/L	0.0365 mg/L	08:59:00
1	Sr 407.771†	127969.7	126369.2	0.0051 mg/L	0.0051 mg/L	08:58:34
1	Ti 337.279†	42410.9	45389.1	0.0519 mg/L	0.0519 mg/L	08:58:40
1	Tl 190.801†	67.7	82.7	0.0658 mg/L	0.0658 mg/L	08:59:00
1	V 292.402†	9642.4	11042.1	0.0529 mg/L	0.0529 mg/L	08:58:40
1	Zn 213.857†	5580.9	4842.0	0.0516 mg/L	0.0516 mg/L	08:59:00
2	K 766.490†	4789.5	4447.3	2.609 mg/L	2.609 mg/L	08:58:26
2	Li 670.784†	3475.0	3639.4	0.0495 mg/L	0.0495 mg/L	08:58:26
2	Na 589.592	21816.2	16103.6	2.522 mg/L	2.522 mg/L	08:58:26
2	Y 371.029	3549409.3	3549409.3	0.994 mg/L		08:59:06
2	Ag 328.068†	4586.4	6994.4	0.0265 mg/L	0.0265 mg/L	08:59:11
2	Al 237.313†	1800.8	2001.3	0.2622 mg/L	0.2622 mg/L	08:59:11
2	As 188.979†	47.3	41.1	0.0534 mg/L	0.0534 mg/L	08:59:31
2	B 182.528†	29.9	12.5	0.0304 mg/L	0.0304 mg/L	08:59:31
2	Ba 233.527†	5378.0	5496.1	0.0511 mg/L	0.0511 mg/L	08:59:11
2	Be 313.107†	19280.0	21741.3	0.0052 mg/L	0.0052 mg/L	08:59:11
2	Ca 315.886†	94197.5	91576.3	0.5117 mg/L	0.5117 mg/L	08:59:11
2	Cd 228.802†	1374.0	1234.3	0.0260 mg/L	0.0260 mg/L	08:59:31
2	Co 228.616†	2119.7	2339.2	0.0517 mg/L	0.0517 mg/L	08:59:31
2	Cr 267.716†	12305.0	8862.2	0.0520 mg/L	0.0520 mg/L	08:59:11
2	Cu 324.752†	13777.4	11555.9	0.0483 mg/L	0.0483 mg/L	08:59:11
2	Fe 234.349†	14698.8	13181.8	0.2582 mg/L	0.2582 mg/L	08:59:11
2	Fe 238.204†	34487.3	33534.6	0.2596 mg/L	0.2596 mg/L	08:59:11
2	Mg 279.077†	13377.7	13108.7	0.5167 mg/L	0.5167 mg/L	08:59:11
2	Mn 257.610†	41878.6	41264.4	0.0516 mg/L	0.0516 mg/L	08:59:11
2	Mo 202.031†	837.2	799.8	0.0530 mg/L	0.0530 mg/L	08:59:31
2	Ni 231.604†	3128.0	2875.4	0.0509 mg/L	0.0509 mg/L	08:59:11
2	P 214.914†	898.7	802.8	0.5414 mg/L	0.5414 mg/L	08:59:31
2	Pb 220.353†	404.3	551.9	0.0531 mg/L	0.0531 mg/L	08:59:31
2	Sb 206.836†	154.4	111.2	0.0522 mg/L	0.0522 mg/L	08:59:31
2	Se 196.026†	90.8	97.3	0.1026 mg/L	0.1026 mg/L	08:59:31
2	Sn 189.927†	400.2	190.3	0.0376 mg/L	0.0376 mg/L	08:59:31
2	Sr 407.771†	128809.1	126522.0	0.0051 mg/L	0.0051 mg/L	08:59:06
2	Ti 337.279†	42062.3	44809.4	0.0513 mg/L	0.0513 mg/L	08:59:11
2	Tl 190.801†	64.4	79.0	0.0631 mg/L	0.0631 mg/L	08:59:31
2	V 292.402†	9596.7	10944.0	0.0525 mg/L	0.0525 mg/L	08:59:11
2	Zn 213.857†	5646.4	4877.7	0.0520 mg/L	0.0520 mg/L	08:59:31

 Mean Data: CR11

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3539925.7	0.992 mg/L	0.0038			0.38%
Ag 328.068†	7009.9	0.0265 mg/L	0.00008	0.0265 mg/L	0.00008	0.31%
QC value within limits for Ag 328.068 Recovery = 106.03%						
Al 237.313†	2003.7	0.2625 mg/L	0.00040	0.2625 mg/L	0.00040	0.15%
QC value within limits for Al 237.313 Recovery = 105.00%						
As 188.979†	40.0	0.0521 mg/L	0.00183	0.0521 mg/L	0.00183	3.51%
QC value within limits for As 188.979 Recovery = 104.16%						
B 182.528†	11.8	0.0289 mg/L	0.00215	0.0289 mg/L	0.00215	7.44%
QC value less than the lower limit for B 182.528 Recovery = 57.77%						
Ba 233.527†	5550.6	0.0516 mg/L	0.00070	0.0516 mg/L	0.00070	1.36%
QC value within limits for Ba 233.527 Recovery = 103.17%						
Be 313.107†	21913.0	0.0052 mg/L	0.00005	0.0052 mg/L	0.00005	1.05%
QC value within limits for Be 313.107 Recovery = 103.88%						
Ca 315.886†	92412.5	0.5164 mg/L	0.00659	0.5164 mg/L	0.00659	1.28%
QC value within limits for Ca 315.886 Recovery = 103.28%						
Cd 228.802†	1228.0	0.0259 mg/L	0.00017	0.0259 mg/L	0.00017	0.66%
QC value within limits for Cd 228.802 Recovery = 103.45%						
Co 228.616†	2332.1	0.0515 mg/L	0.00022	0.0515 mg/L	0.00022	0.44%
QC value within limits for Co 228.616 Recovery = 103.01%						

Cr 267.716†	8932.0	0.0524 mg/L	0.00057	0.0524 mg/L	0.00057	1.08%
QC value within limits for Cr 267.716 Recovery = 104.77%						
Cu 324.752†	11672.6	0.0488 mg/L	0.00071	0.0488 mg/L	0.00071	1.45%
QC value within limits for Cu 324.752 Recovery = 97.57%						
Fe 234.349†	13298.1	0.2605 mg/L	0.00315	0.2605 mg/L	0.00315	1.21%
QC value within limits for Fe 234.349 Recovery = 104.18%						
Fe 238.204†	33766.8	0.2614 mg/L	0.00250	0.2614 mg/L	0.00250	0.96%
QC value within limits for Fe 238.204 Recovery = 104.55%						
K 766.490†	4447.6	2.609 mg/L	0.0002	2.609 mg/L	0.0002	0.01%
QC value within limits for K 766.490 Recovery = 104.36%						
Li 670.784†	3631.2	0.0494 mg/L	0.00015	0.0494 mg/L	0.00015	0.30%
QC value within limits for Li 670.784 Recovery = 98.81%						
Mg 279.077†	13241.2	0.5218 mg/L	0.00728	0.5218 mg/L	0.00728	1.40%
QC value within limits for Mg 279.077 Recovery = 104.36%						
Mn 257.610†	41555.6	0.0519 mg/L	0.00051	0.0519 mg/L	0.00051	0.98%
QC value within limits for Mn 257.610 Recovery = 103.87%						
Mo 202.031†	799.1	0.0530 mg/L	0.00007	0.0530 mg/L	0.00007	0.13%
QC value within limits for Mo 202.031 Recovery = 105.95%						
Na 589.592	16019.7	2.509 mg/L	0.0191	2.509 mg/L	0.0191	0.76%
QC value within limits for Na 589.592 Recovery = 100.35%						
Ni 231.604†	2888.2	0.0511 mg/L	0.00032	0.0511 mg/L	0.00032	0.63%
QC value within limits for Ni 231.604 Recovery = 102.24%						
P 214.914†	798.9	0.5390 mg/L	0.00341	0.5390 mg/L	0.00341	0.63%
QC value within limits for P 214.914 Recovery = 107.81%						
Pb 220.353†	544.5	0.0524 mg/L	0.00098	0.0524 mg/L	0.00098	1.88%
QC value within limits for Pb 220.353 Recovery = 104.77%						
Sb 206.836†	108.4	0.0509 mg/L	0.00186	0.0509 mg/L	0.00186	3.66%
QC value within limits for Sb 206.836 Recovery = 101.83%						
Se 196.026†	94.0	0.0992 mg/L	0.00484	0.0992 mg/L	0.00484	4.88%
QC value within limits for Se 196.026 Recovery = 99.19%						
Sn 189.927†	187.7	0.0370 mg/L	0.00077	0.0370 mg/L	0.00077	2.09%
QC value within limits for Sn 189.927 Recovery = 74.03%						
Sr 407.771†	126445.6	0.0051 mg/L	0.00000	0.0051 mg/L	0.00000	0.09%
QC value within limits for Sr 407.771 Recovery = 101.10%						
Ti 337.279†	45099.3	0.0516 mg/L	0.00046	0.0516 mg/L	0.00046	0.89%
QC value within limits for Ti 337.279 Recovery = 103.21%						
Tl 190.801†	80.8	0.0645 mg/L	0.00188	0.0645 mg/L	0.00188	2.92%
QC value within limits for Tl 190.801 Recovery = 128.90%						
V 292.402†	10993.0	0.0527 mg/L	0.00031	0.0527 mg/L	0.00031	0.59%
QC value within limits for V 292.402 Recovery = 105.46%						
Zn 213.857†	4859.8	0.0518 mg/L	0.00027	0.0518 mg/L	0.00027	0.52%
QC value within limits for Zn 213.857 Recovery = 103.54%						
QC Failed. Continue with analysis.						

Sequence No.: 9

Sample ID: CRI2

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 7

Date Collected: 8/2/2006 9:01:11 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: CRI2

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	2156.8	1795.9	1.327 mg/L	1.327 mg/L	09:02:47
1	Li 670.784†	1380.4	1530.4	0.0225 mg/L	0.0225 mg/L	09:02:47
1	Na 589.592	11931.2	6218.6	0.9356 mg/L	0.9356 mg/L	09:02:47
1	Y 371.029	3554948.5	3554948.5	0.996 mg/L		09:03:01
1	Ag 328.068†	435.8	2819.1	0.0109 mg/L	0.0109 mg/L	09:03:06
1	Al 237.313†	594.0	786.6	0.1101 mg/L	0.1101 mg/L	09:03:06
1	As 188.979†	24.8	18.3	0.0250 mg/L	0.0250 mg/L	09:03:26
1	B 182.528†	16.5	-1.1	0.0014 mg/L	0.0014 mg/L	09:03:26
1	Ba 233.527†	2111.6	2207.5	0.0211 mg/L	0.0211 mg/L	09:03:26
1	Be 313.107†	6302.3	8678.4	0.0022 mg/L	0.0022 mg/L	09:03:06
1	Ca 315.886†	38895.8	35892.6	0.2013 mg/L	0.2013 mg/L	09:03:06
1	Cd 228.802†	634.8	489.7	0.0109 mg/L	0.0109 mg/L	09:03:26
1	Co 228.616†	709.2	919.5	0.0202 mg/L	0.0202 mg/L	09:03:26
1	Cr 267.716†	6900.6	3415.6	0.0208 mg/L	0.0208 mg/L	09:03:06
1	Cu 324.752†	6584.1	4310.6	0.0173 mg/L	0.0173 mg/L	09:03:06
1	Fe 234.349†	6762.1	5188.5	0.1050 mg/L	0.1050 mg/L	09:03:06
1	Fe 238.204†	14302.6	13210.4	0.1051 mg/L	0.1051 mg/L	09:03:06

1	Mg 279.077†	5483.6	5160.2	0.2075 mg/L	0.2075 mg/L	09:03:06
1	Mn 257.610†	16961.6	16176.1	0.0207 mg/L	0.0207 mg/L	09:03:06
1	Mo 202.031†	365.0	324.3	0.0226 mg/L	0.0226 mg/L	09:03:26
1	Ni 231.604†	1434.8	1170.1	0.0205 mg/L	0.0205 mg/L	09:03:26
1	P 214.914†	404.5	305.1	0.2314 mg/L	0.2314 mg/L	09:03:26
1	Pb 220.353†	78.8	224.4	0.0221 mg/L	0.0221 mg/L	09:03:26
1	Sb 206.836†	92.4	48.7	0.0241 mg/L	0.0241 mg/L	09:03:26
1	Se 196.026†	31.1	37.2	0.0402 mg/L	0.0402 mg/L	09:03:26
1	Sn 189.927†	248.5	37.3	0.0047 mg/L	0.0047 mg/L	09:03:26
1	Sr 407.771†	53219.6	50410.3	0.0019 mg/L	0.0019 mg/L	09:03:01
1	Ti 337.279†	15261.9	17829.5	0.0210 mg/L	0.0210 mg/L	09:03:06
1	Tl 190.801†	35.8	50.2	0.0421 mg/L	0.0421 mg/L	09:03:26
1	V 292.402†	3037.4	4341.8	0.0223 mg/L	0.0223 mg/L	09:03:06
1	Zn 213.857†	2700.4	1910.3	0.0209 mg/L	0.0209 mg/L	09:03:26
2	K 766.490†	2188.7	1840.9	1.349 mg/L	1.349 mg/L	09:02:53
2	Li 670.784†	1381.7	1539.9	0.0227 mg/L	0.0227 mg/L	09:02:53
2	Na 589.592	11963.1	6250.6	0.9407 mg/L	0.9407 mg/L	09:02:53
2	Y 371.029	3534159.3	3534159.3	0.990 mg/L		09:03:32
2	Ag 328.068†	422.4	2808.1	0.0109 mg/L	0.0109 mg/L	09:03:37
2	Al 237.313†	622.0	818.4	0.1141 mg/L	0.1141 mg/L	09:03:37
2	As 188.979†	26.6	20.4	0.0275 mg/L	0.0275 mg/L	09:03:58
2	B 182.528†	15.5	-2.0	-0.0004 mg/L	-0.0004 mg/L	09:03:58
2	Ba 233.527†	2103.5	2211.7	0.0211 mg/L	0.0211 mg/L	09:03:58
2	Be 313.107†	6230.7	8643.3	0.0022 mg/L	0.0022 mg/L	09:03:37
2	Ca 315.886†	38631.2	35855.2	0.2011 mg/L	0.2011 mg/L	09:03:37
2	Cd 228.802†	639.0	497.7	0.0111 mg/L	0.0111 mg/L	09:03:58
2	Co 228.616†	715.5	930.0	0.0204 mg/L	0.0204 mg/L	09:03:58
2	Cr 267.716†	6950.3	3506.6	0.0213 mg/L	0.0213 mg/L	09:03:37
2	Cu 324.752†	6536.2	4301.1	0.0173 mg/L	0.0173 mg/L	09:03:37
2	Fe 234.349†	6752.7	5219.0	0.1056 mg/L	0.1056 mg/L	09:03:37
2	Fe 238.204†	14300.8	13293.0	0.1057 mg/L	0.1057 mg/L	09:03:37
2	Mg 279.077†	5623.6	5233.9	0.2142 mg/L	0.2142 mg/L	09:03:37
2	Mn 257.610†	16963.2	16278.0	0.0208 mg/L	0.0208 mg/L	09:03:37
2	Mo 202.031†	366.6	328.1	0.0228 mg/L	0.0228 mg/L	09:03:58
2	Ni 231.604†	1421.6	1165.3	0.0204 mg/L	0.0204 mg/L	09:03:58
2	P 214.914†	423.5	326.6	0.2448 mg/L	0.2448 mg/L	09:03:58
2	Pb 220.353†	76.5	222.5	0.0219 mg/L	0.0219 mg/L	09:03:58
2	Sb 206.836†	91.0	47.9	0.0238 mg/L	0.0238 mg/L	09:03:58
2	Se 196.026†	32.1	38.4	0.0414 mg/L	0.0414 mg/L	09:03:58
2	Sn 189.927†	252.8	43.2	0.0059 mg/L	0.0059 mg/L	09:03:58
2	Sr 407.771†	53065.9	50569.5	0.0019 mg/L	0.0019 mg/L	09:03:32
2	Ti 337.279†	15097.9	17754.0	0.0209 mg/L	0.0209 mg/L	09:03:37
2	Tl 190.801†	27.7	42.2	0.0364 mg/L	0.0364 mg/L	09:03:58
2	V 292.402†	2966.5	4288.1	0.0221 mg/L	0.0221 mg/L	09:03:37
2	Zn 213.857†	2696.9	1922.8	0.0211 mg/L	0.0211 mg/L	09:03:58

 Mean Data: CRI2

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3544553.9	0.993 mg/L	0.0041			0.41%
Ag 328.068†	2813.6	0.0109 mg/L	0.00003	0.0109 mg/L	0.00003	0.26%
QC value within limits for Ag 328.068 Recovery = 109.15%						
Al 237.313†	802.5	0.1121 mg/L	0.00282	0.1121 mg/L	0.00282	2.52%
QC value within limits for Al 237.313 Recovery = 112.12%						
As 188.979†	19.4	0.0262 mg/L	0.00179	0.0262 mg/L	0.00179	6.83%
QC value greater than the upper limit for As 188.979 Recovery = 131.24%						
B 182.528†	-1.5	0.0005 mg/L	0.00128	0.0005 mg/L	0.00128	278.21%
QC value less than the lower limit for B 182.528 Recovery = 2.29%						
Ba 233.527†	2209.6	0.0211 mg/L	0.00003	0.0211 mg/L	0.00003	0.13%
QC value within limits for Ba 233.527 Recovery = 105.58%						
Be 313.107†	8660.9	0.0022 mg/L	0.00001	0.0022 mg/L	0.00001	0.25%
QC value within limits for Be 313.107 Recovery = 110.48%						
Ca 315.886†	35873.9	0.2012 mg/L	0.00015	0.2012 mg/L	0.00015	0.07%
QC value within limits for Ca 315.886 Recovery = 100.59%						
Cd 228.802†	493.7	0.0110 mg/L	0.00011	0.0110 mg/L	0.00011	0.96%
QC value within limits for Cd 228.802 Recovery = 109.89%						
Co 228.616†	924.7	0.0203 mg/L	0.00017	0.0203 mg/L	0.00017	0.82%
QC value within limits for Co 228.616 Recovery = 101.37%						
Cr 267.716†	3461.1	0.0211 mg/L	0.00037	0.0211 mg/L	0.00037	1.75%
QC value within limits for Cr 267.716 Recovery = 105.40%						
Cu 324.752†	4305.8	0.0173 mg/L	0.00003	0.0173 mg/L	0.00003	0.17%

QC value within limits for Cu 324.752 Recovery = 86.44%							
Fe 234.349†	5203.7	0.1053 mg/L	0.00042	0.1053 mg/L	0.00042	0.39%	
QC value within limits for Fe 234.349 Recovery = 105.32%							
Fe 238.204†	13251.7	0.1054 mg/L	0.00044	0.1054 mg/L	0.00044	0.42%	
QC value within limits for Fe 238.204 Recovery = 105.43%							
K 766.490†	1818.4	1.338 mg/L	0.0154	1.338 mg/L	0.0154	1.15%	
QC value greater than the upper limit for K 766.490 Recovery = 133.81%							
Li 670.784†	1535.2	0.0226 mg/L	0.00009	0.0226 mg/L	0.00009	0.38%	
QC value within limits for Li 670.784 Recovery = 113.03%							
Mg 279.077†	5247.1	0.2109 mg/L	0.00478	0.2109 mg/L	0.00478	2.27%	
QC value within limits for Mg 279.077 Recovery = 105.43%							
Mn 257.610†	16227.1	0.0207 mg/L	0.00009	0.0207 mg/L	0.00009	0.43%	
QC value within limits for Mn 257.610 Recovery = 103.67%							
Mo 202.031†	326.2	0.0227 mg/L	0.00017	0.0227 mg/L	0.00017	0.75%	
QC value within limits for Mo 202.031 Recovery = 113.58%							
Na 589.592	6234.6	0.9382 mg/L	0.00363	0.9382 mg/L	0.00363	0.39%	
QC value within limits for Na 589.592 Recovery = 93.82%							
Ni 231.604†	1167.7	0.0205 mg/L	0.00006	0.0205 mg/L	0.00006	0.30%	
QC value within limits for Ni 231.604 Recovery = 102.33%							
P 214.914†	315.9	0.2381 mg/L	0.00947	0.2381 mg/L	0.00947	3.98%	
QC value within limits for P 214.914 Recovery = 119.06%							
Pb 220.353†	223.4	0.0220 mg/L	0.00013	0.0220 mg/L	0.00013	0.58%	
QC value within limits for Pb 220.353 Recovery = 109.83%							
Sb 206.836†	48.3	0.0240 mg/L	0.00026	0.0240 mg/L	0.00026	1.09%	
QC value within limits for Sb 206.836 Recovery = 119.82%							
Se 196.026†	37.8	0.0408 mg/L	0.00087	0.0408 mg/L	0.00087	2.13%	
QC value within limits for Se 196.026 Recovery = 101.98%							
Sn 189.927†	40.2	0.0053 mg/L	0.00089	0.0053 mg/L	0.00089	16.76%	
QC value less than the lower limit for Sn 189.927 Recovery = 26.58%							
Sr 407.771†	50489.9	0.0019 mg/L	0.00000	0.0019 mg/L	0.00000	0.24%	
QC value within limits for Sr 407.771 Recovery = 95.99%							
Ti 337.279†	17791.7	0.0210 mg/L	0.00006	0.0210 mg/L	0.00006	0.29%	
QC value within limits for Ti 337.279 Recovery = 104.87%							
Tl 190.801†	46.2	0.0393 mg/L	0.00407	0.0393 mg/L	0.00407	10.36%	
QC value greater than the upper limit for Tl 190.801 Recovery = 196.32%							
V 292.402†	4315.0	0.0222 mg/L	0.00017	0.0222 mg/L	0.00017	0.76%	
QC value within limits for V 292.402 Recovery = 110.96%							
Zn 213.857†	1916.6	0.0210 mg/L	0.00009	0.0210 mg/L	0.00009	0.44%	
QC value within limits for Zn 213.857 Recovery = 105.05%							
QC Failed. Continue with analysis.							

Sequence No.: 10

Sample ID: CRI3

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 8

Date Collected: 8/2/2006 9:05:38 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: CRI3

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	1268.7	911.2	0.8996 mg/L	0.8996 mg/L	09:07:14
1	Li 670.784†	591.7	741.7	0.0125 mg/L	0.0125 mg/L	09:07:14
1	Na 589.592	8792.4	3079.9	0.4318 mg/L	0.4318 mg/L	09:07:14
1	Y 371.029	3535231.8	3535231.8	0.990 mg/L		09:07:28
1	Ag 328.068†	-1034.6	1336.6	0.0054 mg/L	0.0054 mg/L	09:07:33
1	Al 237.313†	215.8	408.1	0.0627 mg/L	0.0627 mg/L	09:07:53
1	As 188.979†	18.0	11.7	0.0167 mg/L	0.0167 mg/L	09:07:53
1	B 182.528†	9.3	-8.3	-0.0140 mg/L	-0.0140 mg/L	09:07:53
1	Ba 233.527†	1009.7	1106.5	0.0111 mg/L	0.0111 mg/L	09:07:53
1	Be 313.107†	1905.7	4273.9	0.0012 mg/L	0.0012 mg/L	09:07:33
1	Ca 315.886†	20922.1	17960.0	0.1013 mg/L	0.1013 mg/L	09:07:33
1	Cd 228.802†	393.6	249.7	0.0061 mg/L	0.0061 mg/L	09:07:53
1	Co 228.616†	246.5	456.2	0.0099 mg/L	0.0099 mg/L	09:07:53
1	Cr 267.716†	5184.3	1721.1	0.0111 mg/L	0.0111 mg/L	09:07:33
1	Cu 324.752†	4274.3	2014.9	0.0075 mg/L	0.0075 mg/L	09:07:33
1	Fe 234.349†	4186.6	2625.5	0.0559 mg/L	0.0559 mg/L	09:07:33
1	Fe 238.204†	7652.3	6574.7	0.0547 mg/L	0.0547 mg/L	09:07:33
1	Mg 279.077†	2970.1	2625.6	0.1099 mg/L	0.1099 mg/L	09:07:33
1	Mn 257.610†	8799.4	8028.7	0.0106 mg/L	0.0106 mg/L	09:07:33
1	Mo 202.031†	212.4	172.3	0.0129 mg/L	0.0129 mg/L	09:07:53

1	Ni 231.604†	844.3	581.9	0.0100 mg/L	0.0100 mg/L	09:07:53
1	P 214.914†	265.7	167.1	0.1455 mg/L	0.1455 mg/L	09:07:53
1	Pb 220.353†	-41.8	103.0	0.0106 mg/L	0.0106 mg/L	09:07:53
1	Sb 206.836†	68.5	25.1	0.0135 mg/L	0.0135 mg/L	09:07:53
1	Se 196.026†	16.2	22.4	0.0248 mg/L	0.0248 mg/L	09:07:53
1	Sn 189.927†	195.2	-15.1	-0.0066 mg/L	-0.0066 mg/L	09:07:53
1	Sr 407.771†	27907.5	25147.3	0.0009 mg/L	0.0009 mg/L	09:07:28
1	Ti 337.279†	6428.9	8995.1	0.0111 mg/L	0.0111 mg/L	09:07:33
1	Tl 190.801†	19.8	34.2	0.0306 mg/L	0.0306 mg/L	09:07:53
1	V 292.402†	901.2	2201.7	0.0125 mg/L	0.0125 mg/L	09:07:33
1	Zn 213.857†	1733.4	949.0	0.0109 mg/L	0.0109 mg/L	09:07:53
2	K 766.490†	1201.9	839.5	0.8650 mg/L	0.8650 mg/L	09:07:20
2	Li 670.784†	494.4	641.7	0.0112 mg/L	0.0112 mg/L	09:07:20
2	Na 589.592	8779.7	3067.2	0.4297 mg/L	0.4297 mg/L	09:07:20
2	Y 371.029	3547650.3	3547650.3	0.994 mg/L		09:07:59
2	Ag 328.068†	-925.5	1450.1	0.0058 mg/L	0.0058 mg/L	09:08:04
2	Al 237.313†	234.8	426.5	0.0650 mg/L	0.0650 mg/L	09:08:25
2	As 188.979†	15.5	9.0	0.0134 mg/L	0.0134 mg/L	09:08:25
2	B 182.528†	8.3	-9.2	-0.0160 mg/L	-0.0160 mg/L	09:08:25
2	Ba 233.527†	1001.1	1094.3	0.0109 mg/L	0.0109 mg/L	09:08:25
2	Be 313.107†	1902.3	4263.7	0.0012 mg/L	0.0012 mg/L	09:08:04
2	Ca 315.886†	21043.1	18007.8	0.1016 mg/L	0.1016 mg/L	09:08:04
2	Cd 228.802†	381.2	235.9	0.0058 mg/L	0.0058 mg/L	09:08:25
2	Co 228.616†	255.6	464.5	0.0101 mg/L	0.0101 mg/L	09:08:25
2	Cr 267.716†	5204.3	1722.9	0.0111 mg/L	0.0111 mg/L	09:08:04
2	Cu 324.752†	4263.0	1988.5	0.0074 mg/L	0.0074 mg/L	09:08:04
2	Fe 234.349†	4236.5	2661.0	0.0566 mg/L	0.0566 mg/L	09:08:04
2	Fe 238.204†	7739.2	6635.1	0.0551 mg/L	0.0551 mg/L	09:08:04
2	Mg 279.077†	3013.3	2685.6	0.1112 mg/L	0.1112 mg/L	09:08:04
2	Mn 257.610†	8866.0	8064.6	0.0107 mg/L	0.0107 mg/L	09:08:04
2	Mo 202.031†	188.5	147.5	0.0113 mg/L	0.0113 mg/L	09:08:25
2	Ni 231.604†	851.3	585.9	0.0101 mg/L	0.0101 mg/L	09:08:25
2	P 214.914†	261.9	162.4	0.1425 mg/L	0.1425 mg/L	09:08:25
2	Pb 220.353†	-41.8	103.2	0.0106 mg/L	0.0106 mg/L	09:08:25
2	Sb 206.836†	56.8	13.2	0.0080 mg/L	0.0080 mg/L	09:08:25
2	Se 196.026†	17.6	23.7	0.0261 mg/L	0.0261 mg/L	09:08:25
2	Sn 189.927†	185.4	-25.7	-0.0088 mg/L	-0.0088 mg/L	09:08:25
2	Sr 407.771†	28013.9	25155.8	0.0009 mg/L	0.0009 mg/L	09:07:59
2	Ti 337.279†	6379.8	8922.9	0.0110 mg/L	0.0110 mg/L	09:08:04
2	Tl 190.801†	10.7	25.0	0.0239 mg/L	0.0239 mg/L	09:08:25
2	V 292.402†	863.7	2160.7	0.0123 mg/L	0.0123 mg/L	09:08:04
2	Zn 213.857†	1731.9	941.3	0.0108 mg/L	0.0108 mg/L	09:08:25

Mean Data: CRI3

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3541441.0	0.992 mg/L	0.0025			0.25%
Ag 328.068†	1393.3	0.0056 mg/L	0.00030	0.0056 mg/L	0.00030	5.27%
QC value within limits for Ag 328.068 Recovery = 112.75%						
Al 237.313†	417.3	0.0639 mg/L	0.00163	0.0639 mg/L	0.00163	2.55%
QC value within limits for Al 237.313 Recovery = 127.76%						
As 188.979†	10.4	0.0150 mg/L	0.00233	0.0150 mg/L	0.00233	15.49%
QC value greater than the upper limit for As 188.979 Recovery = 150.16%						
B 182.528†	-8.8	-0.0150 mg/L	0.00144	-0.0150 mg/L	0.00144	9.64%
QC value less than the lower limit for B 182.528 Recovery = -149.81%						
Ba 233.527†	1100.4	0.0110 mg/L	0.00008	0.0110 mg/L	0.00008	0.72%
QC value within limits for Ba 233.527 Recovery = 110.01%						
Be 313.107†	4268.8	0.0012 mg/L	0.00000	0.0012 mg/L	0.00000	0.13%
QC value within limits for Be 313.107 Recovery = 122.04%						
Ca 315.886†	17983.9	0.1014 mg/L	0.00019	0.1014 mg/L	0.00019	0.19%
QC value within limits for Ca 315.886 Recovery = 101.45%						
Cd 228.802†	242.8	0.0059 mg/L	0.00018	0.0059 mg/L	0.00018	3.10%
QC value within limits for Cd 228.802 Recovery = 118.43%						
Co 228.616†	460.3	0.0100 mg/L	0.00013	0.0100 mg/L	0.00013	1.31%
QC value within limits for Co 228.616 Recovery = 99.68%						
Cr 267.716†	1722.0	0.0111 mg/L	0.00001	0.0111 mg/L	0.00001	0.07%
QC value within limits for Cr 267.716 Recovery = 111.29%						
Cu 324.752†	2001.7	0.0074 mg/L	0.00008	0.0074 mg/L	0.00008	1.07%
QC value within limits for Cu 324.752 Recovery = 74.37%						
Fe 234.349†	2643.2	0.0562 mg/L	0.00048	0.0562 mg/L	0.00048	0.86%
QC value within limits for Fe 234.349 Recovery = 112.49%						

Fe 238.204†	6604.9	0.0549 mg/L	0.00032	0.0549 mg/L	0.00032	0.59%
QC value within limits for Fe 238.204 Recovery = 109.81%						
K 766.490†	875.3	0.8823 mg/L	0.02450	0.8823 mg/L	0.02450	2.78%
QC value greater than the upper limit for K 766.490 Recovery = 176.47%						
Li 670.784†	691.7	0.0118 mg/L	0.00090	0.0118 mg/L	0.00090	7.65%
QC value within limits for Li 670.784 Recovery = 118.22%						
Mg 279.077†	2669.1	0.1106 mg/L	0.00091	0.1106 mg/L	0.00091	0.82%
QC value within limits for Mg 279.077 Recovery = 110.59%						
Mn 257.610†	8046.7	0.0107 mg/L	0.00003	0.0107 mg/L	0.00003	0.29%
QC value within limits for Mn 257.610 Recovery = 106.57%						
Mo 202.031†	159.9	0.0121 mg/L	0.00112	0.0121 mg/L	0.00112	9.31%
QC value within limits for Mo 202.031 Recovery = 120.76%						
Na 589.592	3073.6	0.4308 mg/L	0.00145	0.4308 mg/L	0.00145	0.34%
QC value within limits for Na 589.592 Recovery = 86.15%						
Ni 231.604†	583.9	0.0101 mg/L	0.00005	0.0101 mg/L	0.00005	0.50%
QC value within limits for Ni 231.604 Recovery = 100.66%						
P 214.914†	164.8	0.1440 mg/L	0.00209	0.1440 mg/L	0.00209	1.45%
QC value greater than the upper limit for P 214.914 Recovery = 144.01%						
Pb 220.353†	103.1	0.0106 mg/L	0.00001	0.0106 mg/L	0.00001	0.11%
QC value within limits for Pb 220.353 Recovery = 105.71%						
Sb 206.836†	19.1	0.0108 mg/L	0.00387	0.0108 mg/L	0.00387	36.02%
QC value within limits for Sb 206.836 Recovery = 107.57%						
Se 196.026†	23.0	0.0255 mg/L	0.00093	0.0255 mg/L	0.00093	3.66%
QC value within limits for Se 196.026 Recovery = 127.33%						
Sn 189.927†	-20.4	-0.0077 mg/L	0.00161	-0.0077 mg/L	0.00161	20.88%
QC value less than the lower limit for Sn 189.927 Recovery = -77.11%						
Sr 407.771†	25151.5	0.0009 mg/L	0.00000	0.0009 mg/L	0.00000	0.03%
QC value within limits for Sr 407.771 Recovery = 87.40%						
Ti 337.279†	8959.0	0.0111 mg/L	0.00006	0.0111 mg/L	0.00006	0.52%
QC value within limits for Ti 337.279 Recovery = 110.65%						
Tl 190.801†	29.6	0.0272 mg/L	0.00473	0.0272 mg/L	0.00473	17.37%
QC value greater than the upper limit for Tl 190.801 Recovery = 272.35%						
V 292.402†	2181.2	0.0124 mg/L	0.00015	0.0124 mg/L	0.00015	1.20%
QC value within limits for V 292.402 Recovery = 124.20%						
Zn 213.857†	945.2	0.0109 mg/L	0.00006	0.0109 mg/L	0.00006	0.53%
QC value within limits for Zn 213.857 Recovery = 108.60%						
QC Failed. Continue with analysis.						

Sequence No.: 11

Autosampler Location: 160

Sample ID: ICSA

Date Collected: 8/2/2006 9:10:05 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Replicate Data: ICSA

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	493.0	181.9	0.5472 mg/L	0.5472 mg/L	09:11:40
1	Li 670.784†	-110.0	21.1	0.0032 mg/L	0.0032 mg/L	09:11:40
1	Na 589.592	6689.1	976.6	0.0942 mg/L	0.0942 mg/L	09:11:40
1	Y 371.029	3188879.0	3188879.0	0.893 mg/L		09:12:13
1	Ag 328.068†	-2861.0	-821.5	0.0012 mg/L	0.0012 mg/L	09:12:19
1	Al 237.313†	1841641.5	2061941.6	258.7 mg/L	258.7 mg/L	09:12:13
1	As 188.979†	-1.3	-8.0	-0.0080 mg/L	-0.0080 mg/L	09:12:39
1	B 182.528†	14.7	-1.2	0.0012 mg/L	0.0012 mg/L	09:12:39
1	Ba 233.527†	213.4	325.7	0.0039 mg/L	0.0039 mg/L	09:12:39
1	Be 313.107†	-4719.9	-2934.6	0.0001 mg/L	0.0001 mg/L	09:12:19
1	Ca 315.886†	39449072.8	44160793.1	246.1 mg/L	246.1 mg/L	09:12:06
1	Cd 228.802†	119.1	-14.4	0.0014 mg/L	0.0014 mg/L	09:12:39
1	Co 228.616†	-167.8	19.4	0.0002 mg/L	0.0002 mg/L	09:12:39
1	Cr 267.716†	2415.4	-810.1	0.0022 mg/L	0.0022 mg/L	09:12:39
1	Cu 324.752†	-17.8	-2321.3	0.0058 mg/L	0.0058 mg/L	09:12:19
1	Fe 234.349†	4352857.8	4871501.9	93.58 mg/L	93.58 mg/L	09:12:13
1	Fe 238.204†	10403186.0	11645404.9	88.50 mg/L	88.50 mg/L	09:12:06
1	Mg 279.077†	5473273.8	6127083.8	238.1 mg/L	238.1 mg/L	09:12:13
1	Mn 257.610†	4583.1	4273.6	0.0060 mg/L	0.0060 mg/L	09:12:19
1	Mo 202.031†	292.7	285.5	0.0201 mg/L	0.0201 mg/L	09:12:39
1	Ni 231.604†	411.9	190.4	0.0031 mg/L	0.0031 mg/L	09:12:39
1	P 214.914†	-66.8	-175.9	-0.0682 mg/L	-0.0682 mg/L	09:12:39
1	Pb 220.353†	-654.5	-587.5	-0.0075 mg/L	-0.0075 mg/L	09:12:39

1	Sb 206.836†	22.7	-18.6	-0.0063 mg/L	-0.0063 mg/L	09:12:39
1	Se 196.026†	28.0	37.4	0.0404 mg/L	0.0404 mg/L	09:12:39
1	Sn 189.927†	361.8	192.8	0.0418 mg/L	0.0418 mg/L	09:12:39
1	Sr 407.771†	20981.1	20454.1	0.0007 mg/L	0.0007 mg/L	09:12:19
1	Ti 337.279†	2321.2	5101.6	0.0067 mg/L	0.0067 mg/L	09:12:19
1	Tl 190.801†	149.1	181.2	0.1367 mg/L	0.1367 mg/L	09:12:39
1	V 292.402†	1628.1	3114.2	0.0046 mg/L	0.0046 mg/L	09:12:39
1	Zn 213.857†	2817.8	2353.1	0.0173 mg/L	0.0173 mg/L	09:12:39
2	K 766.490†	497.1	183.8	0.5481 mg/L	0.5481 mg/L	09:11:46
2	Li 670.784†	-87.4	46.8	0.0036 mg/L	0.0036 mg/L	09:11:46
2	Na 589.592	6662.1	949.6	0.0898 mg/L	0.0898 mg/L	09:11:46
2	Y 371.029	3204076.9	3204076.9	0.897 mg/L	0.897 mg/L	09:13:04
2	Ag 328.068†	-2941.0	-895.4	0.0009 mg/L	0.0009 mg/L	09:13:09
2	Al 237.313†	1849784.4	2061235.0	258.6 mg/L	258.6 mg/L	09:13:04
2	As 188.979†	-6.4	-13.7	-0.0151 mg/L	-0.0151 mg/L	09:13:29
2	B 182.528†	13.6	-2.5	-0.0015 mg/L	-0.0015 mg/L	09:13:29
2	Ba 233.527†	209.2	320.0	0.0039 mg/L	0.0039 mg/L	09:13:29
2	Be 313.107†	-4738.2	-2929.9	0.0001 mg/L	0.0001 mg/L	09:13:09
2	Ca 315.886†	39667603.9	44194800.1	246.3 mg/L	246.3 mg/L	09:12:56
2	Cd 228.802†	129.7	-3.2	0.0017 mg/L	0.0017 mg/L	09:13:29
2	Co 228.616†	-189.8	-4.2	-0.0004 mg/L	-0.0004 mg/L	09:13:29
2	Cr 267.716†	2440.0	-795.6	0.0023 mg/L	0.0023 mg/L	09:13:29
2	Cu 324.752†	-33.5	-2338.8	0.0057 mg/L	0.0057 mg/L	09:13:09
2	Fe 234.349†	4371335.3	4868975.2	93.53 mg/L	93.53 mg/L	09:13:04
2	Fe 238.204†	10455013.0	11647908.0	88.52 mg/L	88.52 mg/L	09:12:56
2	Mg 279.077†	5496872.5	6124313.5	238.0 mg/L	238.0 mg/L	09:13:04
2	Mn 257.610†	4549.8	4212.1	0.0059 mg/L	0.0059 mg/L	09:13:09
2	Mo 202.031†	247.8	233.9	0.0168 mg/L	0.0168 mg/L	09:13:29
2	Ni 231.604†	416.7	193.6	0.0031 mg/L	0.0031 mg/L	09:13:29
2	P 214.914†	-68.0	-176.9	-0.0688 mg/L	-0.0688 mg/L	09:13:29
2	Pb 220.353†	-657.5	-587.3	-0.0075 mg/L	-0.0075 mg/L	09:13:29
2	Sb 206.836†	36.8	3.0	0.0009 mg/L	0.0009 mg/L	09:13:29
2	Se 196.026†	26.5	35.6	0.0385 mg/L	0.0385 mg/L	09:13:29
2	Sn 189.927†	354.2	182.4	0.0396 mg/L	0.0396 mg/L	09:13:29
2	Sr 407.771†	21151.3	20532.3	0.0007 mg/L	0.0007 mg/L	09:13:09
2	Ti 337.279†	2227.8	4985.1	0.0066 mg/L	0.0066 mg/L	09:13:09
2	Tl 190.801†	151.5	183.0	0.1380 mg/L	0.1380 mg/L	09:13:29
2	V 292.402†	1629.1	3106.7	0.0045 mg/L	0.0045 mg/L	09:13:29
2	Zn 213.857†	2853.9	2378.3	0.0176 mg/L	0.0176 mg/L	09:13:29

 Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3196477.9	0.895 mg/L	0.0030			0.34%
Ag 328.068†	-858.5	0.0010 mg/L	0.00020	0.0010 mg/L	0.00020	19.09%
QC value within limits for Ag 328.068 Recovery = Not calculated						
Al 237.313†	2061588.3	258.7 mg/L	0.06	258.7 mg/L	0.06	0.02%
QC value within limits for Al 237.313 Recovery = 103.47%						
As 188.979†	-10.9	-0.0115 mg/L	0.00500	-0.0115 mg/L	0.00500	43.30%
QC value within limits for As 188.979 Recovery = Not calculated						
B 182.528†	-1.8	-0.0001 mg/L	0.00192	-0.0001 mg/L	0.00192	>999.9%
QC value within limits for B 182.528 Recovery = Not calculated						
Ba 233.527†	322.9	0.0039 mg/L	0.00004	0.0039 mg/L	0.00004	0.98%
QC value within limits for Ba 233.527 Recovery = Not calculated						
Be 313.107†	-2932.3	0.0001 mg/L	0.00000	0.0001 mg/L	0.00000	0.44%
QC value within limits for Be 313.107 Recovery = Not calculated						
Ca 315.886†	44177796.6	246.2 mg/L	0.13	246.2 mg/L	0.13	0.05%
QC value within limits for Ca 315.886 Recovery = 98.47%						
Cd 228.802†	-8.8	0.0016 mg/L	0.00019	0.0016 mg/L	0.00019	11.81%
QC value within limits for Cd 228.802 Recovery = Not calculated						
Co 228.616†	7.6	-0.0001 mg/L	0.00037	-0.0001 mg/L	0.00037	409.41%
QC value within limits for Co 228.616 Recovery = Not calculated						
Cr 267.716†	-802.8	0.0023 mg/L	0.00006	0.0023 mg/L	0.00006	2.51%
QC value within limits for Cr 267.716 Recovery = Not calculated						
Cu 324.752†	-2330.0	0.0058 mg/L	0.00006	0.0058 mg/L	0.00006	1.01%
QC value within limits for Cu 324.752 Recovery = Not calculated						
Fe 234.349†	4870238.5	93.56 mg/L	0.034	93.56 mg/L	0.034	0.04%
QC value within limits for Fe 234.349 Recovery = 93.56%						
Fe 238.204†	11646656.4	88.51 mg/L	0.013	88.51 mg/L	0.013	0.02%
QC value within limits for Fe 238.204 Recovery = 88.51%						
K 766.490†	182.8	0.5476 mg/L	0.00067	0.5476 mg/L	0.00067	0.12%

QC value within limits for K 766.490	Recovery = Not calculated					
Li 670.784†	33.9	0.0034 mg/L	0.00023	0.0034 mg/L	0.00023	6.83%
QC value within limits for Li 670.784	Recovery = Not calculated					
Mg 279.077†	6125698.7	238.1 mg/L	0.08	238.1 mg/L	0.08	0.03%
QC value within limits for Mg 279.077	Recovery = 95.22%					
Mn 257.610†	4242.9	0.0060 mg/L	0.00005	0.0060 mg/L	0.00005	0.90%
QC value within limits for Mn 257.610	Recovery = Not calculated					
Mo 202.031†	259.7	0.0185 mg/L	0.00233	0.0185 mg/L	0.00233	12.63%
QC value within limits for Mo 202.031	Recovery = Not calculated					
Na 589.592	963.1	0.0920 mg/L	0.00306	0.0920 mg/L	0.00306	3.33%
QC value within limits for Na 589.592	Recovery = Not calculated					
Ni 231.604†	192.0	0.0031 mg/L	0.00004	0.0031 mg/L	0.00004	1.25%
QC value within limits for Ni 231.604	Recovery = Not calculated					
P 214.914†	-176.4	-0.0685 mg/L	0.00043	-0.0685 mg/L	0.00043	0.63%
QC value within limits for P 214.914	Recovery = Not calculated					
Pb 220.353†	-587.4	-0.0075 mg/L	0.00001	-0.0075 mg/L	0.00001	0.07%
QC value within limits for Pb 220.353	Recovery = Not calculated					
Sb 206.836†	-10.8	-0.0027 mg/L	0.00510	-0.0027 mg/L	0.00510	186.94%
QC value within limits for Sb 206.836	Recovery = Not calculated					
Se 196.026†	36.5	0.0394 mg/L	0.00135	0.0394 mg/L	0.00135	3.41%
QC value within limits for Se 196.026	Recovery = Not calculated					
Sn 189.927†	187.6	0.0407 mg/L	0.00158	0.0407 mg/L	0.00158	3.88%
QC value within limits for Sn 189.927	Recovery = Not calculated					
Sr 407.771†	20493.2	0.0007 mg/L	0.00000	0.0007 mg/L	0.00000	0.33%
QC value within limits for Sr 407.771	Recovery = Not calculated					
Ti 337.279†	5043.4	0.0067 mg/L	0.00009	0.0067 mg/L	0.00009	1.38%
QC value within limits for Ti 337.279	Recovery = Not calculated					
Tl 190.801†	182.1	0.1373 mg/L	0.00095	0.1373 mg/L	0.00095	0.69%
QC value greater than the upper limit for Tl 190.801	Recovery = Not calculated					
V 292.402†	3110.4	0.0046 mg/L	0.00006	0.0046 mg/L	0.00006	1.29%
QC value within limits for V 292.402	Recovery = Not calculated					
Zn 213.857†	2365.7	0.0174 mg/L	0.00019	0.0174 mg/L	0.00019	1.09%
QC value within limits for Zn 213.857	Recovery = Not calculated					
QC Failed. Continue with analysis.						

Sequence No.: 12
 Sample ID: ICSAB
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 159
 Date Collected: 8/2/2006 9:15:08 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: ICSAB

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	563.4	252.1	0.5811 mg/L	0.5811 mg/L	09:16:46
1	Li 670.784†	-138.7	-9.0	0.0029 mg/L	0.0029 mg/L	09:16:46
1	Na 589.592	6816.9	1104.4	0.1147 mg/L	0.1147 mg/L	09:16:46
1	Y 371.029	3233344.1	3233344.1	0.906 mg/L		09:17:20
1	Ag 328.068†	125601.9	141061.4	0.5275 mg/L	0.5275 mg/L	09:17:25
1	Al 237.313†	1871206.8	2066232.1	259.2 mg/L	259.2 mg/L	09:17:20
1	As 188.979†	-1.8	-8.5	-0.0090 mg/L	-0.0090 mg/L	09:17:46
1	B 182.528†	18.6	2.9	0.0100 mg/L	0.0100 mg/L	09:17:46
1	Ba 233.527†	24896.6	27575.8	0.2523 mg/L	0.2523 mg/L	09:17:46
1	Be 313.107†	1023440.8	1132353.6	0.2575 mg/L	0.2575 mg/L	09:17:20
1	Ca 315.886†	39538546.6	43652239.1	243.2 mg/L	243.2 mg/L	09:17:12
1	Cd 228.802†	21132.2	23184.9	0.4721 mg/L	0.4721 mg/L	09:17:46
1	Co 228.616†	9050.3	10199.9	0.2265 mg/L	0.2265 mg/L	09:17:46
1	Cr 267.716†	40917.9	41664.2	0.2453 mg/L	0.2453 mg/L	09:17:25
1	Cu 324.752†	51683.3	54763.3	0.2495 mg/L	0.2495 mg/L	09:17:25
1	Fe 234.349†	4419472.2	4878037.3	93.70 mg/L	93.70 mg/L	09:17:20
1	Fe 238.204†	10421067.0	11504983.8	87.43 mg/L	87.43 mg/L	09:17:12
1	Mg 279.077†	5565982.4	6145180.8	238.8 mg/L	238.8 mg/L	09:17:20
1	Mn 257.610†	181450.9	199486.8	0.2465 mg/L	0.2465 mg/L	09:17:25
1	Mo 202.031†	253.9	238.1	0.0171 mg/L	0.0171 mg/L	09:17:46
1	Ni 231.604†	23331.4	25490.1	0.4534 mg/L	0.4534 mg/L	09:17:46
1	P 214.914†	-15.1	-117.8	-0.0320 mg/L	-0.0320 mg/L	09:17:46
1	Pb 220.353†	3881.0	4430.3	0.4666 mg/L	0.4666 mg/L	09:17:46
1	Sb 206.836†	34.9	-5.5	-0.0042 mg/L	-0.0042 mg/L	09:17:46
1	Se 196.026†	21.8	30.1	0.0328 mg/L	0.0328 mg/L	09:17:46
1	Sn 189.927†	350.6	174.9	0.0379 mg/L	0.0379 mg/L	09:17:46

1	Sr 407.771†	21029.5	20184.5	0.0007 mg/L	0.0007 mg/L	09:17:25
1	Ti 337.279†	2377.6	5128.1	0.0068 mg/L	0.0068 mg/L	09:17:25
1	Tl 190.801†	147.0	176.5	0.1350 mg/L	0.1350 mg/L	09:17:46
1	V 292.402†	50912.6	57505.4	0.2496 mg/L	0.2496 mg/L	09:17:25
1	Zn 213.857†	44299.9	48111.0	0.4952 mg/L	0.4952 mg/L	09:17:25
2	K 766.490†	559.9	254.9	0.5825 mg/L	0.5825 mg/L	09:16:52
2	Li 670.784†	-137.5	-9.3	0.0029 mg/L	0.0029 mg/L	09:16:52
2	Na 589.592	6871.3	1158.8	0.1234 mg/L	0.1234 mg/L	09:16:52
2	Y 371.029	3198418.7	3198418.7	0.896 mg/L		09:18:11
2	Ag 328.068†	125938.8	142951.7	0.5345 mg/L	0.5345 mg/L	09:18:17
2	Al 237.313†	1848818.6	2063803.0	258.9 mg/L	258.9 mg/L	09:18:11
2	As 188.979†	-13.9	-22.0	-0.0258 mg/L	-0.0258 mg/L	09:18:37
2	B 182.528†	10.5	-6.0	-0.0090 mg/L	-0.0090 mg/L	09:18:37
2	Ba 233.527†	24997.0	27988.0	0.2561 mg/L	0.2561 mg/L	09:18:37
2	Be 313.107†	1010796.3	1130579.2	0.2571 mg/L	0.2571 mg/L	09:18:11
2	Ca 315.886†	39514015.4	44101555.9	245.7 mg/L	245.7 mg/L	09:18:03
2	Cd 228.802†	21193.6	23508.2	0.4788 mg/L	0.4788 mg/L	09:18:37
2	Co 228.616†	9066.0	10326.6	0.2293 mg/L	0.2293 mg/L	09:18:37
2	Cr 267.716†	40902.6	42140.4	0.2480 mg/L	0.2480 mg/L	09:18:17
2	Cu 324.752†	51835.6	55556.4	0.2529 mg/L	0.2529 mg/L	09:18:17
2	Fe 234.349†	4367682.3	4873514.1	93.62 mg/L	93.62 mg/L	09:18:11
2	Fe 238.204†	10415764.2	11624706.9	88.34 mg/L	88.34 mg/L	09:18:03
2	Mg 279.077†	5492970.9	6130793.5	238.3 mg/L	238.3 mg/L	09:18:11
2	Mn 257.610†	181951.9	202233.7	0.2499 mg/L	0.2499 mg/L	09:18:17
2	Mo 202.031†	266.3	255.0	0.0182 mg/L	0.0182 mg/L	09:18:37
2	Ni 231.604†	23419.6	25869.7	0.4602 mg/L	0.4602 mg/L	09:18:37
2	P 214.914†	-27.9	-132.2	-0.0410 mg/L	-0.0410 mg/L	09:18:37
2	Pb 220.353†	3900.4	4498.8	0.4730 mg/L	0.4730 mg/L	09:18:37
2	Sb 206.836†	46.6	7.9	0.0019 mg/L	0.0019 mg/L	09:18:37
2	Se 196.026†	22.0	30.5	0.0333 mg/L	0.0333 mg/L	09:18:37
2	Sn 189.927†	348.2	176.5	0.0383 mg/L	0.0383 mg/L	09:18:37
2	Sr 407.771†	21285.2	20723.4	0.0007 mg/L	0.0007 mg/L	09:18:17
2	Ti 337.279†	2266.4	5032.7	0.0067 mg/L	0.0067 mg/L	09:18:17
2	Tl 190.801†	142.6	173.4	0.1328 mg/L	0.1328 mg/L	09:18:37
2	V 292.402†	51085.1	58311.7	0.2532 mg/L	0.2532 mg/L	09:18:17
2	Zn 213.857†	44373.4	48727.2	0.5017 mg/L	0.5017 mg/L	09:18:17

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3215881.4	0.901 mg/L	0.0069			0.77%
Ag 328.068†	142006.5	0.5310 mg/L	0.00496	0.5310 mg/L	0.00496	0.93%
QC value within limits for Ag 328.068		Recovery = 106.20%				
Al 237.313†	2065017.6	259.1 mg/L	0.22	259.1 mg/L	0.22	0.08%
QC value within limits for Al 237.313		Recovery = 103.64%				
As 188.979†	-15.3	-0.0174 mg/L	0.01192	-0.0174 mg/L	0.01192	68.51%
QC value within limits for As 188.979		Recovery = Not calculated				
B 182.528†	-1.5	0.0005 mg/L	0.01345	0.0005 mg/L	0.01345	>999.9%
QC value within limits for B 182.528		Recovery = Not calculated				
Ba 233.527†	27781.9	0.2542 mg/L	0.00266	0.2542 mg/L	0.00266	1.05%
QC value within limits for Ba 233.527		Recovery = 101.67%				
Be 313.107†	1131466.4	0.2573 mg/L	0.00028	0.2573 mg/L	0.00028	0.11%
QC value within limits for Be 313.107		Recovery = 102.93%				
Ca 315.886†	43876897.5	244.5 mg/L	1.77	244.5 mg/L	1.77	0.72%
QC value within limits for Ca 315.886		Recovery = 97.80%				
Cd 228.802†	23346.5	0.4754 mg/L	0.00470	0.4754 mg/L	0.00470	0.99%
QC value within limits for Cd 228.802		Recovery = 95.09%				
Co 228.616†	10263.2	0.2279 mg/L	0.00199	0.2279 mg/L	0.00199	0.87%
QC value within limits for Co 228.616		Recovery = 91.16%				
Cr 267.716†	41902.3	0.2466 mg/L	0.00192	0.2466 mg/L	0.00192	0.78%
QC value within limits for Cr 267.716		Recovery = 98.65%				
Cu 324.752†	55159.8	0.2512 mg/L	0.00238	0.2512 mg/L	0.00238	0.95%
QC value within limits for Cu 324.752		Recovery = 100.49%				
Fe 234.349†	4875775.7	93.66 mg/L	0.061	93.66 mg/L	0.061	0.07%
QC value within limits for Fe 234.349		Recovery = 93.66%				
Fe 238.204†	11564845.4	87.89 mg/L	0.643	87.89 mg/L	0.643	0.73%
QC value within limits for Fe 238.204		Recovery = 87.89%				
K 766.490†	253.5	0.5818 mg/L	0.00097	0.5818 mg/L	0.00097	0.17%
QC value within limits for K 766.490		Recovery = Not calculated				
Li 670.784†	-9.1	0.0029 mg/L	0.00000	0.0029 mg/L	0.00000	0.09%
QC value within limits for Li 670.784		Recovery = Not calculated				

Mg 279.077†	6137987.2	238.5 mg/L	0.40	238.5 mg/L	0.40	0.17%
QC value within limits for Mg 279.077 Recovery = 95.41%						
Mn 257.610†	200860.2	0.2482 mg/L	0.00239	0.2482 mg/L	0.00239	0.96%
QC value within limits for Mn 257.610 Recovery = 99.27%						
Mo 202.031†	246.6	0.0176 mg/L	0.00076	0.0176 mg/L	0.00076	4.33%
QC value within limits for Mo 202.031 Recovery = Not calculated						
Na 589.592	1131.6	0.1190 mg/L	0.00617	0.1190 mg/L	0.00617	5.18%
QC value within limits for Na 589.592 Recovery = Not calculated						
Ni 231.604†	25679.9	0.4568 mg/L	0.00478	0.4568 mg/L	0.00478	1.05%
QC value within limits for Ni 231.604 Recovery = 91.36%						
P 214.914†	-125.0	-0.0365 mg/L	0.00635	-0.0365 mg/L	0.00635	17.39%
QC value within limits for P 214.914 Recovery = Not calculated						
Pb 220.353†	4464.6	0.4698 mg/L	0.00453	0.4698 mg/L	0.00453	0.97%
QC value within limits for Pb 220.353 Recovery = 93.96%						
Sb 206.836†	1.2	-0.0011 mg/L	0.00432	-0.0011 mg/L	0.00432	389.33%
QC value within limits for Sb 206.836 Recovery = Not calculated						
Se 196.026†	30.3	0.0330 mg/L	0.00034	0.0330 mg/L	0.00034	1.03%
QC value greater than the upper limit for Se 196.026 Recovery = Not calculated						
Sn 189.927†	175.7	0.0381 mg/L	0.00024	0.0381 mg/L	0.00024	0.63%
QC value within limits for Sn 189.927 Recovery = Not calculated						
Sr 407.771†	20454.0	0.0007 mg/L	0.00002	0.0007 mg/L	0.00002	2.31%
QC value within limits for Sr 407.771 Recovery = Not calculated						
Ti 337.279†	5080.4	0.0067 mg/L	0.00008	0.0067 mg/L	0.00008	1.13%
QC value within limits for Ti 337.279 Recovery = Not calculated						
Tl 190.801†	174.9	0.1339 mg/L	0.00156	0.1339 mg/L	0.00156	1.16%
QC value greater than the upper limit for Tl 190.801 Recovery = Not calculated						
V 292.402†	57908.5	0.2514 mg/L	0.00259	0.2514 mg/L	0.00259	1.03%
QC value within limits for V 292.402 Recovery = 100.57%						
Zn 213.857†	48419.1	0.4985 mg/L	0.00455	0.4985 mg/L	0.00455	0.91%
QC value within limits for Zn 213.857 Recovery = 99.69%						
QC Failed. Continue with analysis.						

Sequence No.: 13
 Sample ID: wash
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 0
 Date Collected: 8/2/2006 9:20:16 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: wash

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	384.3	21.2	0.4695 mg/L	0.4695 mg/L	09:21:44
1	Li 670.784†	-122.8	19.2	0.0032 mg/L	0.0032 mg/L	09:21:44
1	Na 589.592	6339.8	627.3	0.0381 mg/L	0.0381 mg/L	09:21:44
1	Y 371.029	3507433.0	3507433.0	0.982 mg/L		09:21:58
1	Ag 328.068†	-2004.2	341.5	0.0017 mg/L	0.0017 mg/L	09:22:03
1	Al 237.313†	-7.3	182.7	0.0345 mg/L	0.0345 mg/L	09:22:23
1	As 188.979†	8.8	2.4	0.0051 mg/L	0.0051 mg/L	09:22:23
1	B 182.528†	3.0	-14.6	-0.0275 mg/L	-0.0275 mg/L	09:22:23
1	Ba 233.527†	-73.7	11.9	0.0011 mg/L	0.0011 mg/L	09:22:23
1	Be 313.107†	-2284.4	24.3	0.0003 mg/L	0.0003 mg/L	09:22:03
1	Ca 315.886†	7412.5	4376.8	0.0256 mg/L	0.0256 mg/L	09:22:03
1	Cd 228.802†	146.4	1.3	0.0010 mg/L	0.0010 mg/L	09:22:23
1	Co 228.616†	-210.0	-6.5	-0.0004 mg/L	-0.0004 mg/L	09:22:23
1	Cr 267.716†	3489.0	37.1	0.0015 mg/L	0.0015 mg/L	09:22:03
1	Cu 324.752†	2004.2	-261.5	-0.0022 mg/L	-0.0022 mg/L	09:22:03
1	Fe 234.349†	2753.8	1200.6	0.0286 mg/L	0.0286 mg/L	09:22:03
1	Fe 238.204†	4010.7	2929.4	0.0270 mg/L	0.0270 mg/L	09:22:03
1	Mg 279.077†	908.9	578.4	0.0293 mg/L	0.0293 mg/L	09:22:03
1	Mn 257.610†	1435.9	604.3	0.0015 mg/L	0.0015 mg/L	09:22:03
1	Mo 202.031†	47.8	6.4	0.0023 mg/L	0.0023 mg/L	09:22:23
1	Ni 231.604†	304.0	38.7	0.0004 mg/L	0.0004 mg/L	09:22:23
1	P 214.914†	105.4	6.1	0.0452 mg/L	0.0452 mg/L	09:22:23
1	Pb 220.353†	-131.2	11.7	0.0019 mg/L	0.0019 mg/L	09:22:23
1	Sb 206.836†	44.1	0.9	0.0026 mg/L	0.0026 mg/L	09:22:23
1	Se 196.026†	-9.5	-3.7	-0.0023 mg/L	-0.0023 mg/L	09:22:23
1	Sn 189.927†	133.6	-76.2	-0.0197 mg/L	-0.0197 mg/L	09:22:23
1	Sr 407.771†	4087.0	1125.3	-0.0001 mg/L	-0.0001 mg/L	09:21:58
1	Ti 337.279†	-2025.5	441.3	0.0015 mg/L	0.0015 mg/L	09:22:03
1	Tl 190.801†	-12.7	1.3	0.0068 mg/L	0.0068 mg/L	09:22:23

Sn 189.927	0.0041	-0.0066	0.001	mg/L	260.0
Sr 407.771	0.0265	0.0297	0.000	mg/L	12.2
Ti 337.279	1.521	1.667	0.000	mg/L	9.6
Tl 190.801	0.0098	0.0272	0.002	mg/L	176.7
V 292.402	0.0583	0.0647	0.000	mg/L	11.0
Zn 213.857	0.1631	0.1827	0.001	mg/L	12.0

Sequence No.: 37

Sample ID: CCV

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/2/2006 12:26:48 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: CCV

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	54535.4	56312.0	27.68 mg/L	27.68 mg/L	12:28:26
1	Li 670.784†	39963.8	41681.1	0.5359 mg/L	0.5359 mg/L	12:28:26
1	Na 589.592	156720.8	151008.3	24.18 mg/L	24.18 mg/L	12:28:26
1	Y 371.029	3434806.1	3434806.1	0.962 mg/L		12:28:41
1	Ag 328.068†	62899.8	67757.1	0.2523 mg/L	0.2523 mg/L	12:28:47
1	Al 237.313†	18979.9	19917.1	2.505 mg/L	2.505 mg/L	12:28:47
1	As 188.979†	394.2	403.2	0.5057 mg/L	0.5057 mg/L	12:29:07
1	B 182.528†	225.3	216.6	0.4664 mg/L	0.4664 mg/L	12:29:07
1	Ba 233.527†	52818.8	54984.7	0.5024 mg/L	0.5024 mg/L	12:28:47
1	Be 313.107†	209572.1	220170.8	0.0498 mg/L	0.0498 mg/L	12:28:47
1	Ca 315.886†	869820.5	900891.0	5.024 mg/L	5.024 mg/L	12:28:41
1	Cd 228.802†	12103.2	12431.9	0.2524 mg/L	0.2524 mg/L	12:29:07
1	Co 228.616†	21598.8	22656.3	0.5025 mg/L	0.5025 mg/L	12:28:47
1	Cr 267.716†	87172.3	87089.4	0.4996 mg/L	0.4996 mg/L	12:28:47
1	Cu 324.752†	114669.5	116881.8	0.4986 mg/L	0.4986 mg/L	12:28:47
1	Fe 234.349†	127566.6	130985.7	2.516 mg/L	2.516 mg/L	12:28:47
1	Fe 238.204†	319313.6	330729.7	2.519 mg/L	2.519 mg/L	12:28:47
1	Mg 279.077†	124111.6	128650.3	5.011 mg/L	5.011 mg/L	12:28:47
1	Mn 257.610†	395199.6	409898.4	0.5057 mg/L	0.5057 mg/L	12:28:47
1	Mo 202.031†	7543.3	7798.0	0.5008 mg/L	0.5008 mg/L	12:29:07
1	Ni 231.604†	27538.9	28352.2	0.5048 mg/L	0.5048 mg/L	12:28:47
1	P 214.914†	7715.8	7918.4	4.974 mg/L	4.974 mg/L	12:29:07
1	Pb 220.353†	4961.6	5302.1	0.5031 mg/L	0.5031 mg/L	12:29:07
1	Sb 206.836†	1097.5	1096.7	0.4958 mg/L	0.4958 mg/L	12:29:07
1	Se 196.026†	929.9	972.5	1.012 mg/L	1.012 mg/L	12:29:07
1	Sn 189.927†	2320.3	2199.4	0.4694 mg/L	0.4694 mg/L	12:29:07
1	Sr 407.771†	1193412.8	1237353.8	0.0509 mg/L	0.0509 mg/L	12:28:41
1	Ti 337.279†	428087.5	447441.0	0.5030 mg/L	0.5030 mg/L	12:28:41
1	Tl 190.801†	741.1	784.5	0.5749 mg/L	0.5749 mg/L	12:29:07
1	V 292.402†	105075.3	110502.9	0.5077 mg/L	0.5077 mg/L	12:28:47
1	Zn 213.857†	46740.7	47779.0	0.5003 mg/L	0.5003 mg/L	12:28:47
2	K 766.490†	54139.4	55784.3	27.42 mg/L	27.42 mg/L	12:28:33
2	Li 670.784†	39758.7	41382.6	0.5321 mg/L	0.5321 mg/L	12:28:33
2	Na 589.592	155999.9	150287.4	24.06 mg/L	24.06 mg/L	12:28:33
2	Y 371.029	3441909.0	3441909.0	0.964 mg/L		12:29:13
2	Ag 328.068†	62983.3	67708.8	0.2521 mg/L	0.2521 mg/L	12:29:19
2	Al 237.313†	18897.4	19790.9	2.490 mg/L	2.490 mg/L	12:29:19
2	As 188.979†	399.1	407.4	0.5110 mg/L	0.5110 mg/L	12:29:39
2	B 182.528†	225.8	216.5	0.4664 mg/L	0.4664 mg/L	12:29:39
2	Ba 233.527†	52937.4	54994.5	0.5025 mg/L	0.5025 mg/L	12:29:19
2	Be 313.107†	209868.3	220028.5	0.0498 mg/L	0.0498 mg/L	12:29:19
2	Ca 315.886†	873151.5	902480.2	5.033 mg/L	5.033 mg/L	12:29:13
2	Cd 228.802†	12032.2	12332.3	0.2503 mg/L	0.2503 mg/L	12:29:39
2	Co 228.616†	21628.9	22641.1	0.5021 mg/L	0.5021 mg/L	12:29:19
2	Cr 267.716†	87328.0	87063.9	0.4995 mg/L	0.4995 mg/L	12:29:19
2	Cu 324.752†	114939.8	116916.2	0.4988 mg/L	0.4988 mg/L	12:29:19
2	Fe 234.349†	127789.0	130942.7	2.515 mg/L	2.515 mg/L	12:29:19
2	Fe 238.204†	319936.8	330691.2	2.518 mg/L	2.518 mg/L	12:29:19
2	Mg 279.077†	124332.1	128612.8	5.010 mg/L	5.010 mg/L	12:29:19
2	Mn 257.610†	396143.9	410030.1	0.5058 mg/L	0.5058 mg/L	12:29:19
2	Mo 202.031†	7533.3	7771.5	0.4991 mg/L	0.4991 mg/L	12:29:39
2	Ni 231.604†	27617.8	28375.0	0.5052 mg/L	0.5052 mg/L	12:29:19
2	P 214.914†	7701.9	7887.4	4.955 mg/L	4.955 mg/L	12:29:39
2	Pb 220.353†	4950.8	5280.3	0.5010 mg/L	0.5010 mg/L	12:29:39

2	Sb 206.836†	1089.7	1086.2	0.4910 mg/L	0.4910 mg/L	12:29:39
2	Se 196.026†	925.6	966.1	1.005 mg/L	1.005 mg/L	12:29:39
2	Sn 189.927†	2319.6	2193.7	0.4682 mg/L	0.4682 mg/L	12:29:39
2	Sr 407.771†	1195215.9	1236664.3	0.0509 mg/L	0.0509 mg/L	12:29:13
2	Ti 337.279†	428652.8	447109.1	0.5026 mg/L	0.5026 mg/L	12:29:13
2	Tl 190.801†	745.1	787.0	0.5767 mg/L	0.5767 mg/L	12:29:39
2	V 292.402†	105336.9	110548.8	0.5079 mg/L	0.5079 mg/L	12:29:19
2	Zn 213.857†	46822.1	47763.2	0.5001 mg/L	0.5001 mg/L	12:29:19

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3438357.5	0.963 mg/L	0.0014			0.15%
Ag 328.068†	67733.0	0.2522 mg/L	0.00013	0.2522 mg/L	0.00013	0.05%
	QC value within limits for Ag 328.068	Recovery = 100.87%				
Al 237.313†	19854.0	2.497 mg/L	0.0112	2.497 mg/L	0.0112	0.45%
	QC value within limits for Al 237.313	Recovery = 99.90%				
As 188.979†	405.3	0.5084 mg/L	0.00377	0.5084 mg/L	0.00377	0.74%
	QC value within limits for As 188.979	Recovery = 101.67%				
B 182.528†	216.5	0.4664 mg/L	0.00003	0.4664 mg/L	0.00003	0.01%
	QC value within limits for B 182.528	Recovery = 93.28%				
Ba 233.527†	54989.6	0.5024 mg/L	0.00006	0.5024 mg/L	0.00006	0.01%
	QC value within limits for Ba 233.527	Recovery = 100.48%				
Be 313.107†	220099.6	0.0498 mg/L	0.00002	0.0498 mg/L	0.00002	0.05%
	QC value within limits for Be 313.107	Recovery = 99.65%				
Ca 315.886†	901685.6	5.028 mg/L	0.0063	5.028 mg/L	0.0063	0.12%
	QC value within limits for Ca 315.886	Recovery = 100.56%				
Cd 228.802†	12382.1	0.2513 mg/L	0.00145	0.2513 mg/L	0.00145	0.58%
	QC value within limits for Cd 228.802	Recovery = 100.53%				
Co 228.616†	22648.7	0.5023 mg/L	0.00024	0.5023 mg/L	0.00024	0.05%
	QC value within limits for Co 228.616	Recovery = 100.46%				
Cr 267.716†	87076.7	0.4995 mg/L	0.00010	0.4995 mg/L	0.00010	0.02%
	QC value within limits for Cr 267.716	Recovery = 99.91%				
Cu 324.752†	116899.0	0.4987 mg/L	0.00010	0.4987 mg/L	0.00010	0.02%
	QC value within limits for Cu 324.752	Recovery = 99.74%				
Fe 234.349†	130964.2	2.516 mg/L	0.0006	2.516 mg/L	0.0006	0.02%
	QC value within limits for Fe 234.349	Recovery = 100.63%				
Fe 238.204†	330710.5	2.518 mg/L	0.0002	2.518 mg/L	0.0002	0.01%
	QC value within limits for Fe 238.204	Recovery = 100.74%				
K 766.490†	56048.2	27.55 mg/L	0.180	27.55 mg/L	0.180	0.65%
	QC value greater than the upper limit for K 766.490	Recovery = 110.20%				
Li 670.784†	41531.9	0.5340 mg/L	0.00270	0.5340 mg/L	0.00270	0.51%
	QC value within limits for Li 670.784	Recovery = 106.80%				
Mg 279.077†	128631.5	5.010 mg/L	0.0010	5.010 mg/L	0.0010	0.02%
	QC value within limits for Mg 279.077	Recovery = 100.21%				
Mn 257.610†	409964.2	0.5057 mg/L	0.00011	0.5057 mg/L	0.00011	0.02%
	QC value within limits for Mn 257.610	Recovery = 101.15%				
Mo 202.031†	7784.7	0.5000 mg/L	0.00120	0.5000 mg/L	0.00120	0.24%
	QC value within limits for Mo 202.031	Recovery = 100.00%				
Na 589.592	150647.8	24.12 mg/L	0.082	24.12 mg/L	0.082	0.34%
	QC value within limits for Na 589.592	Recovery = 96.48%				
Ni 231.604†	28363.6	0.5050 mg/L	0.00029	0.5050 mg/L	0.00029	0.06%
	QC value within limits for Ni 231.604	Recovery = 100.99%				
P 214.914†	7902.9	4.964 mg/L	0.0136	4.964 mg/L	0.0136	0.27%
	QC value within limits for P 214.914	Recovery = 99.28%				
Pb 220.353†	5291.2	0.5020 mg/L	0.00146	0.5020 mg/L	0.00146	0.29%
	QC value within limits for Pb 220.353	Recovery = 100.40%				
Sb 206.836†	1091.4	0.4934 mg/L	0.00339	0.4934 mg/L	0.00339	0.69%
	QC value within limits for Sb 206.836	Recovery = 98.67%				
Se 196.026†	969.3	1.008 mg/L	0.0047	1.008 mg/L	0.0047	0.47%
	QC value within limits for Se 196.026	Recovery = 100.82%				
Sn 189.927†	2196.6	0.4688 mg/L	0.00086	0.4688 mg/L	0.00086	0.18%
	QC value within limits for Sn 189.927	Recovery = 93.76%				
Sr 407.771†	1237009.0	0.0509 mg/L	0.00002	0.0509 mg/L	0.00002	0.04%
	QC value within limits for Sr 407.771	Recovery = 101.79%				
Ti 337.279†	447275.1	0.5028 mg/L	0.00026	0.5028 mg/L	0.00026	0.05%
	QC value within limits for Ti 337.279	Recovery = 100.55%				
Tl 190.801†	785.8	0.5758 mg/L	0.00128	0.5758 mg/L	0.00128	0.22%
	QC value greater than the upper limit for Tl 190.801	Recovery = 115.16%				
V 292.402†	110525.9	0.5078 mg/L	0.00013	0.5078 mg/L	0.00013	0.02%
	QC value within limits for V 292.402	Recovery = 101.56%				

Zn 213.857† 47771.1 0.5002 mg/L 0.00012 0.5002 mg/L 0.00012 0.02%
 QC value within limits for Zn 213.857 Recovery = 100.04%
 QC Failed. Continue with analysis.

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Sequence No.: 38	Autosampler Location: 1
Sample ID: ICCB	Date Collected: 8/2/2006 12:31:18 PM
Analyst:	Data Type: Original
Initial Sample Wt:	Initial Sample Vol:
Dilution:	Sample Prep Vol:

Replicate Data: ICCB

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	332.7	-28.2	0.4456 mg/L	0.4456 mg/L	12:32:54
1	Li 670.784†	-123.6	17.2	0.0032 mg/L	0.0032 mg/L	12:32:54
1	Na 589.592	5136.9	-575.6	-0.1550 mg/L	-0.1550 mg/L	12:32:54
1	Y 371.029	3474283.4	3474283.4	0.973 mg/L		12:33:08
1	Ag 328.068†	-1994.2	332.3	0.0017 mg/L	0.0017 mg/L	12:33:13
1	Al 237.313†	-189.9	-5.0	0.0110 mg/L	0.0110 mg/L	12:33:33
1	As 188.979†	5.5	-0.9	0.0010 mg/L	0.0010 mg/L	12:33:33
1	B 182.528†	-0.5	-18.2	-0.0351 mg/L	-0.0351 mg/L	12:33:33
1	Ba 233.527†	-99.9	-15.8	0.0008 mg/L	0.0008 mg/L	12:33:33
1	Be 313.107†	-2472.7	-191.4	0.0002 mg/L	0.0002 mg/L	12:33:13
1	Ca 315.886†	3045.5	-38.5	0.0010 mg/L	0.0010 mg/L	12:33:13
1	Cd 228.802†	160.7	17.4	0.0014 mg/L	0.0014 mg/L	12:33:33
1	Co 228.616†	-176.7	25.7	0.0003 mg/L	0.0003 mg/L	12:33:33
1	Cr 267.716†	3462.7	44.0	0.0015 mg/L	0.0015 mg/L	12:33:13
1	Cu 324.752†	2129.9	-112.8	-0.0016 mg/L	-0.0016 mg/L	12:33:13
1	Fe 234.349†	1761.0	207.3	0.0096 mg/L	0.0096 mg/L	12:33:13
1	Fe 238.204†	1529.4	418.7	0.0079 mg/L	0.0079 mg/L	12:33:33
1	Mg 279.077†	368.0	31.5	0.0080 mg/L	0.0080 mg/L	12:33:13
1	Mn 257.610†	717.6	-119.9	0.0006 mg/L	0.0006 mg/L	12:33:13
1	Mo 202.031†	52.4	11.6	0.0026 mg/L	0.0026 mg/L	12:33:33
1	Ni 231.604†	291.8	29.2	0.0002 mg/L	0.0002 mg/L	12:33:33
1	P 214.914†	119.9	22.0	0.0551 mg/L	0.0551 mg/L	12:33:33
1	Pb 220.353†	-122.0	19.8	0.0027 mg/L	0.0027 mg/L	12:33:33
1	Sb 206.836†	46.6	3.9	0.0039 mg/L	0.0039 mg/L	12:33:33
1	Se 196.026†	-7.6	-1.8	-0.0003 mg/L	-0.0003 mg/L	12:33:33
1	Sn 189.927†	111.1	-98.0	-0.0244 mg/L	-0.0244 mg/L	12:33:33
1	Sr 407.771†	3232.5	286.9	-0.0002 mg/L	-0.0002 mg/L	12:33:08
1	Ti 337.279†	-2074.5	371.2	0.0014 mg/L	0.0014 mg/L	12:33:13
1	Tl 190.801†	-2.0	12.2	0.0146 mg/L	0.0146 mg/L	12:33:33
1	V 292.402†	-1289.3	-33.3	0.0023 mg/L	0.0023 mg/L	12:33:13
1	Zn 213.857†	831.6	53.0	0.0015 mg/L	0.0015 mg/L	12:33:33
2	K 766.490†	381.8	18.0	0.4679 mg/L	0.4679 mg/L	12:33:00
2	Li 670.784†	-154.9	-13.2	0.0028 mg/L	0.0028 mg/L	12:33:00
2	Na 589.592	5258.2	-454.4	-0.1355 mg/L	-0.1355 mg/L	12:33:00
2	Y 371.029	3512858.2	3512858.2	0.984 mg/L		12:33:39
2	Ag 328.068†	-2039.0	309.3	0.0016 mg/L	0.0016 mg/L	12:33:44
2	Al 237.313†	-201.2	-14.3	0.0098 mg/L	0.0098 mg/L	12:34:05
2	As 188.979†	5.1	-1.4	0.0003 mg/L	0.0003 mg/L	12:34:05
2	B 182.528†	-2.7	-20.4	-0.0398 mg/L	-0.0398 mg/L	12:34:05
2	Ba 233.527†	-83.4	2.1	0.0010 mg/L	0.0010 mg/L	12:34:05
2	Be 313.107†	-2291.5	20.6	0.0003 mg/L	0.0003 mg/L	12:33:44
2	Ca 315.886†	3058.3	-59.8	0.0009 mg/L	0.0009 mg/L	12:33:44
2	Cd 228.802†	157.8	12.6	0.0013 mg/L	0.0013 mg/L	12:34:05
2	Co 228.616†	-190.9	13.3	0.0000 mg/L	0.0000 mg/L	12:34:05
2	Cr 267.716†	3409.8	-48.9	0.0010 mg/L	0.0010 mg/L	12:33:44
2	Cu 324.752†	2055.0	-213.0	-0.0020 mg/L	-0.0020 mg/L	12:33:44
2	Fe 234.349†	1762.6	189.0	0.0092 mg/L	0.0092 mg/L	12:33:44
2	Fe 238.204†	1478.0	349.2	0.0074 mg/L	0.0074 mg/L	12:34:05
2	Mg 279.077†	397.9	57.7	0.0090 mg/L	0.0090 mg/L	12:33:44
2	Mn 257.610†	738.5	-106.8	0.0006 mg/L	0.0006 mg/L	12:33:44
2	Mo 202.031†	51.4	10.0	0.0025 mg/L	0.0025 mg/L	12:34:05
2	Ni 231.604†	290.6	24.7	0.0001 mg/L	0.0001 mg/L	12:34:05
2	P 214.914†	99.2	-0.3	0.0412 mg/L	0.0412 mg/L	12:34:05
2	Pb 220.353†	-106.7	36.8	0.0043 mg/L	0.0043 mg/L	12:34:05
2	Sb 206.836†	56.4	13.3	0.0083 mg/L	0.0083 mg/L	12:34:05
2	Se 196.026†	3.2	9.3	0.0112 mg/L	0.0112 mg/L	12:34:05
2	Sn 189.927†	109.0	-101.4	-0.0251 mg/L	-0.0251 mg/L	12:34:05

2	Sr 407.771†	3116.1	132.1	-0.0002 mg/L	-0.0002 mg/L	12:33:39
2	Ti 337.279†	-2108.7	359.9	0.0014 mg/L	0.0014 mg/L	12:33:44
2	Tl 190.801†	-7.5	6.6	0.0106 mg/L	0.0106 mg/L	12:34:05
2	V 292.402†	-1339.9	-70.2	0.0021 mg/L	0.0021 mg/L	12:33:44
2	Zn 213.857†	813.8	25.6	0.0013 mg/L	0.0013 mg/L	12:34:05

 Mean Data: ICCB

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3493570.8	0.979 mg/L	0.0076			0.78%
Ag 328.068†	320.8	0.0017 mg/L	0.00006	0.0017 mg/L	0.00006	3.67%
QC value within limits for Ag 328.068 Recovery = Not calculated						
Al 237.313†	-9.7	0.0104 mg/L	0.00083	0.0104 mg/L	0.00083	7.94%
QC value within limits for Al 237.313 Recovery = Not calculated						
As 188.979†	-1.1	0.0007 mg/L	0.00047	0.0007 mg/L	0.00047	70.35%
QC value within limits for As 188.979 Recovery = Not calculated						
B 182.528†	-19.3	-0.0374 mg/L	0.00335	-0.0374 mg/L	0.00335	8.95%
QC value less than the lower limit for B 182.528 Recovery = Not calculated						
Ba 233.527†	-6.9	0.0009 mg/L	0.00012	0.0009 mg/L	0.00012	12.79%
QC value within limits for Ba 233.527 Recovery = Not calculated						
Be 313.107†	-85.4	0.0002 mg/L	0.00003	0.0002 mg/L	0.00003	14.15%
QC value within limits for Be 313.107 Recovery = Not calculated						
Ca 315.886†	-49.2	0.0009 mg/L	0.00008	0.0009 mg/L	0.00008	9.27%
QC value within limits for Ca 315.886 Recovery = Not calculated						
Cd 228.802†	15.0	0.0013 mg/L	0.00007	0.0013 mg/L	0.00007	5.00%
QC value within limits for Cd 228.802 Recovery = Not calculated						
Co 228.616†	19.5	0.0002 mg/L	0.00019	0.0002 mg/L	0.00019	104.58%
QC value within limits for Co 228.616 Recovery = Not calculated						
Cr 267.716†	-2.5	0.0013 mg/L	0.00038	0.0013 mg/L	0.00038	29.83%
QC value within limits for Cr 267.716 Recovery = Not calculated						
Cu 324.752†	-162.9	-0.0018 mg/L	0.00030	-0.0018 mg/L	0.00030	16.65%
QC value within limits for Cu 324.752 Recovery = Not calculated						
Fe 234.349†	198.1	0.0094 mg/L	0.00025	0.0094 mg/L	0.00025	2.64%
QC value within limits for Fe 234.349 Recovery = Not calculated						
Fe 238.204†	383.9	0.0076 mg/L	0.00037	0.0076 mg/L	0.00037	4.91%
QC value within limits for Fe 238.204 Recovery = Not calculated						
K 766.490†	-5.1	0.4568 mg/L	0.01578	0.4568 mg/L	0.01578	3.45%
QC value greater than the upper limit for K 766.490 Recovery = Not calculated						
Li 670.784†	2.0	0.0030 mg/L	0.00028	0.0030 mg/L	0.00028	9.16%
QC value within limits for Li 670.784 Recovery = Not calculated						
Mg 279.077†	44.6	0.0085 mg/L	0.00072	0.0085 mg/L	0.00072	8.48%
QC value within limits for Mg 279.077 Recovery = Not calculated						
Mn 257.610†	-113.3	0.0006 mg/L	0.00001	0.0006 mg/L	0.00001	1.88%
QC value within limits for Mn 257.610 Recovery = Not calculated						
Mo 202.031†	10.8	0.0025 mg/L	0.00007	0.0025 mg/L	0.00007	2.86%
QC value within limits for Mo 202.031 Recovery = Not calculated						
Na 589.592†	-515.0	-0.1453 mg/L	0.01376	-0.1453 mg/L	0.01376	9.47%
QC value within limits for Na 589.592 Recovery = Not calculated						
Ni 231.604†	26.9	0.0001 mg/L	0.00006	0.0001 mg/L	0.00006	39.78%
QC value within limits for Ni 231.604 Recovery = Not calculated						
P 214.914†	10.8	0.0481 mg/L	0.00986	0.0481 mg/L	0.00986	20.49%
QC value within limits for P 214.914 Recovery = Not calculated						
Pb 220.353†	28.3	0.0035 mg/L	0.00113	0.0035 mg/L	0.00113	32.61%
QC value within limits for Pb 220.353 Recovery = Not calculated						
Sb 206.836†	8.6	0.0061 mg/L	0.00308	0.0061 mg/L	0.00308	50.43%
QC value within limits for Sb 206.836 Recovery = Not calculated						
Se 196.026†	3.7	0.0054 mg/L	0.00812	0.0054 mg/L	0.00812	149.73%
QC value within limits for Se 196.026 Recovery = Not calculated						
Sn 189.927†	-99.7	-0.0248 mg/L	0.00051	-0.0248 mg/L	0.00051	2.07%
QC value less than the lower limit for Sn 189.927 Recovery = Not calculated						
Sr 407.771†	209.5	-0.0002 mg/L	0.00000	-0.0002 mg/L	0.00000	2.91%
QC value within limits for Sr 407.771 Recovery = Not calculated						
Ti 337.279†	365.6	0.0014 mg/L	0.00001	0.0014 mg/L	0.00001	0.63%
QC value within limits for Ti 337.279 Recovery = Not calculated						
Tl 190.801†	9.4	0.0126 mg/L	0.00286	0.0126 mg/L	0.00286	22.69%
QC value within limits for Tl 190.801 Recovery = Not calculated						
V 292.402†	-51.7	0.0022 mg/L	0.00012	0.0022 mg/L	0.00012	5.35%
QC value greater than the upper limit for V 292.402 Recovery = Not calculated						
Zn 213.857†	39.3	0.0014 mg/L	0.00020	0.0014 mg/L	0.00020	14.59%
QC value within limits for Zn 213.857 Recovery = Not calculated						
QC Failed. Continue with analysis.						

Sn 189.927†	62.0	0.0150 mg/L	0.00124	0.0150 mg/L	0.00124	8.26%
Sr 407.771†	1893758.0	0.0780 mg/L	0.00041	0.0780 mg/L	0.00041	0.52%
Ti 337.279†	1546645.6	1.736 mg/L	0.0007	1.736 mg/L	0.0007	0.04%
Tl 190.801†	-12.9	0.0173 mg/L	0.00007	0.0173 mg/L	0.00007	0.38%
V 292.402†	30362.8	0.1267 mg/L	0.00014	0.1267 mg/L	0.00014	0.11%
Zn 213.857†	31412.4	0.3241 mg/L	0.00085	0.3241 mg/L	0.00085	0.26%

Sequence No.: 43
 Sample ID: BH60210-BLK1
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 43
 Date Collected: 8/2/2006 12:54:19 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: BH60210-BLK1

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	226.5	-140.5	0.3913 mg/L	0.3913 mg/L	12:55:52
1	Li 670.784†	-195.9	-54.4	0.0023 mg/L	0.0023 mg/L	12:55:52
1	Na 589.592	12501.1	6788.6	1.027 mg/L	1.027 mg/L	12:55:52
1	Y 371.029	3522138.1	3522138.1	0.987 mg/L		12:56:05
1	Ag 328.068†	-2165.2	186.8	0.0012 mg/L	0.0012 mg/L	12:56:11
1	Al 237.313†	-187.2	0.3	0.0116 mg/L	0.0116 mg/L	12:56:31
1	As 188.979†	8.6	2.2	0.0048 mg/L	0.0048 mg/L	12:56:31
1	B 182.528†	-4.5	-22.2	-0.0436 mg/L	-0.0436 mg/L	12:56:31
1	Ba 233.527†	-80.8	5.0	0.0010 mg/L	0.0010 mg/L	12:56:31
1	Be 313.107†	-2332.0	-14.2	0.0003 mg/L	0.0003 mg/L	12:56:11
1	Ca 315.886†	8768.7	5720.0	0.0331 mg/L	0.0331 mg/L	12:56:11
1	Cd 228.802†	164.0	18.5	0.0014 mg/L	0.0014 mg/L	12:56:31
1	Co 228.616†	-196.0	8.6	-0.0001 mg/L	-0.0001 mg/L	12:56:31
1	Cr 267.716†	4266.6	810.3	0.0059 mg/L	0.0059 mg/L	12:56:11
1	Cu 324.752†	2163.7	-108.3	-0.0016 mg/L	-0.0016 mg/L	12:56:11
1	Fe 234.349†	2640.4	1074.1	0.0262 mg/L	0.0262 mg/L	12:56:11
1	Fe 238.204†	3672.2	2569.3	0.0242 mg/L	0.0242 mg/L	12:56:11
1	Mg 279.077†	330.8	-11.4	0.0063 mg/L	0.0063 mg/L	12:56:11
1	Mn 257.610†	1073.8	231.2	0.0010 mg/L	0.0010 mg/L	12:56:11
1	Mo 202.031†	54.3	12.8	0.0027 mg/L	0.0027 mg/L	12:56:31
1	Ni 231.604†	428.8	163.9	0.0026 mg/L	0.0026 mg/L	12:56:31
1	P 214.914†	1385.4	1303.0	0.8531 mg/L	0.8531 mg/L	12:56:31
1	Pb 220.353†	-116.7	26.9	0.0034 mg/L	0.0034 mg/L	12:56:31
1	Sb 206.836†	46.0	2.6	0.0033 mg/L	0.0033 mg/L	12:56:31
1	Se 196.026†	-4.1	1.9	0.0035 mg/L	0.0035 mg/L	12:56:31
1	Sn 189.927†	152.2	-57.9	-0.0158 mg/L	-0.0158 mg/L	12:56:31
1	Sr 407.771†	3666.9	682.1	-0.0001 mg/L	-0.0001 mg/L	12:56:05
1	Ti 337.279†	-1769.8	709.1	0.0018 mg/L	0.0018 mg/L	12:56:11
1	Tl 190.801†	-0.4	13.8	0.0158 mg/L	0.0158 mg/L	12:56:31
1	V 292.402†	-1318.7	-45.0	0.0022 mg/L	0.0022 mg/L	12:56:11
1	Zn 213.857†	1112.4	326.0	0.0044 mg/L	0.0044 mg/L	12:56:31
2	K 766.490†	248.8	-115.5	0.4034 mg/L	0.4034 mg/L	12:55:57
2	Li 670.784†	-138.5	2.5	0.0030 mg/L	0.0030 mg/L	12:55:57
2	Na 589.592	12538.8	6826.3	1.033 mg/L	1.033 mg/L	12:55:57
2	Y 371.029	3490029.2	3490029.2	0.978 mg/L		12:56:37
2	Ag 328.068†	-2138.2	194.3	0.0012 mg/L	0.0012 mg/L	12:56:42
2	Al 237.313†	-183.9	2.0	0.0118 mg/L	0.0118 mg/L	12:57:02
2	As 188.979†	7.9	1.5	0.0040 mg/L	0.0040 mg/L	12:57:02
2	B 182.528†	-5.8	-23.5	-0.0465 mg/L	-0.0465 mg/L	12:57:02
2	Ba 233.527†	-85.3	-0.3	0.0010 mg/L	0.0010 mg/L	12:57:02
2	Be 313.107†	-2392.7	-98.1	0.0002 mg/L	0.0002 mg/L	12:56:42
2	Ca 315.886†	8606.7	5636.0	0.0326 mg/L	0.0326 mg/L	12:56:42
2	Cd 228.802†	152.8	8.5	0.0012 mg/L	0.0012 mg/L	12:57:02
2	Co 228.616†	-203.9	-1.4	-0.0003 mg/L	-0.0003 mg/L	12:57:02
2	Cr 267.716†	4178.3	759.8	0.0056 mg/L	0.0056 mg/L	12:56:42
2	Cu 324.752†	2127.1	-125.6	-0.0017 mg/L	-0.0017 mg/L	12:56:42
2	Fe 234.349†	2539.8	995.8	0.0247 mg/L	0.0247 mg/L	12:56:42
2	Fe 238.204†	3321.5	2244.8	0.0218 mg/L	0.0218 mg/L	12:56:42
2	Mg 279.077†	440.5	104.0	0.0108 mg/L	0.0108 mg/L	12:56:42
2	Mn 257.610†	1022.5	188.7	0.0010 mg/L	0.0010 mg/L	12:56:42
2	Mo 202.031†	43.8	2.6	0.0020 mg/L	0.0020 mg/L	12:57:02
2	Ni 231.604†	404.6	143.1	0.0022 mg/L	0.0022 mg/L	12:57:02
2	P 214.914†	1367.8	1298.0	0.8499 mg/L	0.8499 mg/L	12:57:02
2	Pb 220.353†	-114.4	28.2	0.0035 mg/L	0.0035 mg/L	12:57:02

2	Sb 206.836†	50.1	7.2	0.0054 mg/L	0.0054 mg/L	12:57:02
2	Se 196.026†	-6.3	-0.5	0.0011 mg/L	0.0011 mg/L	12:57:02
2	Sn 189.927†	148.7	-60.1	-0.0162 mg/L	-0.0162 mg/L	12:57:02
2	Sr 407.771†	3733.0	783.8	-0.0001 mg/L	-0.0001 mg/L	12:56:37
2	Ti 337.279†	-1927.4	531.4	0.0016 mg/L	0.0016 mg/L	12:56:42
2	Tl 190.801†	-15.0	-1.1	0.0050 mg/L	0.0050 mg/L	12:57:02
2	V 292.402†	-1279.7	-17.4	0.0024 mg/L	0.0024 mg/L	12:56:42
2	Zn 213.857†	1101.6	325.4	0.0044 mg/L	0.0044 mg/L	12:57:02

 Mean Data: BH60210-BLK1

Analyte	Mean Corrected Intensity	Conc. Units	Calib Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3506083.7	0.982 mg/L		0.0064			0.65%
Ag 328.068†	190.5	0.0012 mg/L		0.00002	0.0012 mg/L	0.00002	1.66%
Al 237.313†	1.2	0.0117 mg/L		0.00015	0.0117 mg/L	0.00015	1.32%
As 188.979†	1.8	0.0044 mg/L		0.00058	0.0044 mg/L	0.00058	13.27%
B 182.528†	-22.9	-0.0451 mg/L		0.00208	-0.0451 mg/L	0.00208	4.62%
Ba 233.527†	2.3	0.0010 mg/L		0.00003	0.0010 mg/L	0.00003	3.51%
Be 313.107†	-56.2	0.0002 mg/L		0.00001	0.0002 mg/L	0.00001	5.41%
Ca 315.886†	5678.0	0.0328 mg/L		0.00033	0.0328 mg/L	0.00033	1.00%
Cd 228.802†	13.5	0.0013 mg/L		0.00014	0.0013 mg/L	0.00014	10.84%
Co 228.616†	3.6	-0.0002 mg/L		0.00016	-0.0002 mg/L	0.00016	92.92%
Cr 267.716†	785.1	0.0058 mg/L		0.00020	0.0058 mg/L	0.00020	3.55%
Cu 324.752†	-116.9	-0.0016 mg/L		0.00005	-0.0016 mg/L	0.00005	3.23%
Fe 234.349†	1034.9	0.0254 mg/L		0.00106	0.0254 mg/L	0.00106	4.17%
Fe 238.204†	2407.1	0.0230 mg/L		0.00174	0.0230 mg/L	0.00174	7.58%
K 766.490†	-128.0	0.3974 mg/L		0.00854	0.3974 mg/L	0.00854	2.15%
Li 670.784†	-25.9	0.0026 mg/L		0.00051	0.0026 mg/L	0.00051	19.41%
Mg 279.077†	46.3	0.0086 mg/L		0.00317	0.0086 mg/L	0.00317	37.02%
Mn 257.610†	209.9	0.0010 mg/L		0.00004	0.0010 mg/L	0.00004	3.69%
Mo 202.031†	7.7	0.0023 mg/L		0.00046	0.0023 mg/L	0.00046	19.71%
Na 589.592	6807.5	1.030 mg/L		0.0043	1.030 mg/L	0.0043	0.42%
Ni 231.604†	153.5	0.0024 mg/L		0.00026	0.0024 mg/L	0.00026	10.93%
P 214.914†	1300.5	0.8515 mg/L		0.00223	0.8515 mg/L	0.00223	0.26%
Pb 220.353†	27.6	0.0034 mg/L		0.00009	0.0034 mg/L	0.00009	2.52%
Sb 206.836†	4.9	0.0043 mg/L		0.00149	0.0043 mg/L	0.00149	34.32%
Se 196.026†	0.7	0.0023 mg/L		0.00172	0.0023 mg/L	0.00172	75.38%
Sn 189.927†	-59.0	-0.0160 mg/L		0.00033	-0.0160 mg/L	0.00033	2.09%
Sr 407.771†	733.0	-0.0001 mg/L		0.00000	-0.0001 mg/L	0.00000	2.22%
Ti 337.279†	620.2	0.0017 mg/L		0.00014	0.0017 mg/L	0.00014	8.24%
Tl 190.801†	6.3	0.0104 mg/L		0.00761	0.0104 mg/L	0.00761	73.31%
V 292.402†	-31.2	0.0023 mg/L		0.00008	0.0023 mg/L	0.00008	3.51%
Zn 213.857†	325.7	0.0044 mg/L		0.00000	0.0044 mg/L	0.00000	0.06%

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 Sequence No.: 44
 Sample ID: BH60210-BS1
 Analyst:
 Initial Sample Wt:
 Dilution:

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 Autosampler Location: 44
 Date Collected: 8/2/2006 12:58:40 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

 Replicate Data: BH60210-BS1

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	52406.2	55097.6	27.09 mg/L	27.09 mg/L	13:00:16
1	Li 670.784†	38905.6	41322.6	0.5313 mg/L	0.5313 mg/L	13:00:16
1	Na 589.592	149563.3	143850.8	23.03 mg/L	23.03 mg/L	13:00:16
1	Y 371.029	3372970.6	3372970.6	0.945 mg/L		13:00:31
1	Ag 328.068†	61196.8	67153.1	0.2500 mg/L	0.2500 mg/L	13:00:37
1	Al 237.313†	18437.9	19705.1	2.478 mg/L	2.478 mg/L	13:00:37
1	As 188.979†	372.3	387.5	0.4861 mg/L	0.4861 mg/L	13:00:57
1	B 182.528†	207.9	202.4	0.4361 mg/L	0.4361 mg/L	13:00:57
1	Ba 233.527†	52256.6	55396.2	0.5061 mg/L	0.5061 mg/L	13:00:37
1	Be 313.107†	206239.0	220636.3	0.0499 mg/L	0.0499 mg/L	13:00:37
1	Ca 315.886†	872850.1	920671.3	5.134 mg/L	5.134 mg/L	13:00:31
1	Cd 228.802†	11658.3	12191.6	0.2476 mg/L	0.2476 mg/L	13:00:57
1	Co 228.616†	21267.5	22717.2	0.5038 mg/L	0.5038 mg/L	13:00:37
1	Cr 267.716†	87809.3	89424.6	0.5130 mg/L	0.5130 mg/L	13:00:37
1	Cu 324.752†	115065.5	119485.8	0.5097 mg/L	0.5097 mg/L	13:00:37
1	Fe 234.349†	128699.8	134615.8	2.586 mg/L	2.586 mg/L	13:00:37

1	Fe 238.204†	322603.5	340296.1	2.591 mg/L	2.591 mg/L	13:00:37
1	Mg 279.077†	120753.9	127461.2	4.965 mg/L	4.965 mg/L	13:00:37
1	Mn 257.610†	396203.4	418491.1	0.5162 mg/L	0.5162 mg/L	13:00:37
1	Mo 202.031†	7596.4	7998.0	0.5136 mg/L	0.5136 mg/L	13:00:57
1	Ni 231.604†	27409.0	28739.5	0.5117 mg/L	0.5117 mg/L	13:00:37
1	P 214.914†	7334.5	7661.8	4.814 mg/L	4.814 mg/L	13:00:57
1	Pb 220.353†	4820.6	5247.4	0.4979 mg/L	0.4979 mg/L	13:00:57
1	Sb 206.836†	1052.6	1070.1	0.4832 mg/L	0.4832 mg/L	13:00:57
1	Se 196.026†	849.2	904.8	0.9412 mg/L	0.9412 mg/L	13:00:57
1	Sr 189.927†	2396.6	2324.4	0.4962 mg/L	0.4962 mg/L	13:00:57
1	Sr 407.771†	1192443.2	1259067.2	0.0518 mg/L	0.0518 mg/L	13:00:31
1	Ti 337.279†	425604.8	452970.2	0.5092 mg/L	0.5092 mg/L	13:00:31
1	Tl 190.801†	700.5	755.7	0.5542 mg/L	0.5542 mg/L	13:00:57
1	V 292.402†	105083.1	112513.3	0.5170 mg/L	0.5170 mg/L	13:00:37
1	Zn 213.857†	44918.4	46740.9	0.4893 mg/L	0.4893 mg/L	13:00:37
2	K 766.490†	52852.0	55435.4	27.25 mg/L	27.25 mg/L	13:00:23
2	Li 670.784†	39300.1	41640.4	0.5354 mg/L	0.5354 mg/L	13:00:23
2	Na 589.592	151056.7	145344.2	23.27 mg/L	23.27 mg/L	13:00:23
2	Y 371.029	3381072.8	3381072.8	0.947 mg/L		13:01:03
2	Ag 328.068†	61028.7	66820.4	0.2488 mg/L	0.2488 mg/L	13:01:09
2	Al 237.313†	18343.0	19558.2	2.460 mg/L	2.460 mg/L	13:01:09
2	As 188.979†	377.1	391.7	0.4913 mg/L	0.4913 mg/L	13:01:29
2	B 182.528†	210.7	204.8	0.4413 mg/L	0.4413 mg/L	13:01:29
2	Ba 233.527†	51982.3	54973.9	0.5023 mg/L	0.5023 mg/L	13:01:09
2	Be 313.107†	205362.8	219187.9	0.0496 mg/L	0.0496 mg/L	13:01:09
2	Ca 315.886†	873326.6	918960.6	5.124 mg/L	5.124 mg/L	13:01:03
2	Cd 228.802†	11646.7	12149.8	0.2467 mg/L	0.2467 mg/L	13:01:29
2	Co 228.616†	21263.9	22659.4	0.5025 mg/L	0.5025 mg/L	13:01:09
2	Cr 267.716†	87681.2	89066.7	0.5109 mg/L	0.5109 mg/L	13:01:09
2	Cu 324.752†	114698.0	118805.9	0.5068 mg/L	0.5068 mg/L	13:01:09
2	Fe 234.349†	128192.4	133753.6	2.569 mg/L	2.569 mg/L	13:01:09
2	Fe 238.204†	321353.9	338158.4	2.575 mg/L	2.575 mg/L	13:01:09
2	Mg 279.077†	119939.8	126295.4	4.920 mg/L	4.920 mg/L	13:01:09
2	Mn 257.610†	394683.2	415880.9	0.5130 mg/L	0.5130 mg/L	13:01:09
2	Mo 202.031†	7629.2	8013.3	0.5146 mg/L	0.5146 mg/L	13:01:29
2	Ni 231.604†	27385.6	28645.2	0.5100 mg/L	0.5100 mg/L	13:01:09
2	P 214.914†	7327.5	7635.9	4.798 mg/L	4.798 mg/L	13:01:29
2	Pb 220.353†	4807.7	5221.6	0.4955 mg/L	0.4955 mg/L	13:01:29
2	Sb 206.836†	1054.3	1069.2	0.4829 mg/L	0.4829 mg/L	13:01:29
2	Se 196.026†	853.5	907.2	0.9436 mg/L	0.9436 mg/L	13:01:29
2	Sn 189.927†	2415.7	2338.4	0.4992 mg/L	0.4992 mg/L	13:01:29
2	Sr 407.771†	1194616.2	1258337.2	0.0518 mg/L	0.0518 mg/L	13:01:03
2	Ti 337.279†	426249.0	452570.9	0.5087 mg/L	0.5087 mg/L	13:01:03
2	Tl 190.801†	710.3	764.2	0.5603 mg/L	0.5603 mg/L	13:01:29
2	V 292.402†	104675.0	111815.8	0.5138 mg/L	0.5138 mg/L	13:01:09
2	Zn 213.857†	44696.0	46392.1	0.4857 mg/L	0.4857 mg/L	13:01:09

Mean Data: BH60210-BS1

Analyte	Mean Corrected		Calib	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 371.029	3377021.7	0.946 mg/L		0.0016			0.17%
Ag 328.068†	66986.8	0.2494 mg/L		0.00087	0.2494 mg/L	0.00087	0.35%
Al 237.313†	19631.6	2.469 mg/L		0.0130	2.469 mg/L	0.0130	0.53%
As 188.979†	389.6	0.4887 mg/L		0.00369	0.4887 mg/L	0.00369	0.76%
B 182.528†	203.6	0.4387 mg/L		0.00367	0.4387 mg/L	0.00367	0.84%
Ba 233.527†	55185.1	0.5042 mg/L		0.00272	0.5042 mg/L	0.00272	0.54%
Be 313.107†	219912.1	0.0498 mg/L		0.00023	0.0498 mg/L	0.00023	0.47%
Ca 315.886†	919815.9	5.129 mg/L		0.0068	5.129 mg/L	0.0068	0.13%
Cd 228.802†	12170.7	0.2472 mg/L		0.00062	0.2472 mg/L	0.00062	0.25%
Co 228.616†	22688.3	0.5032 mg/L		0.00091	0.5032 mg/L	0.00091	0.18%
Cr 267.716†	89245.7	0.5120 mg/L		0.00145	0.5120 mg/L	0.00145	0.28%
Cu 324.752†	119145.9	0.5083 mg/L		0.00205	0.5083 mg/L	0.00205	0.40%
Fe 234.349†	134184.7	2.577 mg/L		0.0117	2.577 mg/L	0.0117	0.45%
Fe 238.204†	339227.3	2.583 mg/L		0.0115	2.583 mg/L	0.0115	0.44%
K 766.490†	55266.5	27.17 mg/L		0.115	27.17 mg/L	0.115	0.42%
Li 670.784†	41481.5	0.5333 mg/L		0.00287	0.5333 mg/L	0.00287	0.54%
Mg 279.077†	126878.3	4.942 mg/L		0.0321	4.942 mg/L	0.0321	0.65%
Mn 257.610†	417186.0	0.5146 mg/L		0.00227	0.5146 mg/L	0.00227	0.44%
Mo 202.031†	8005.6	0.5141 mg/L		0.00069	0.5141 mg/L	0.00069	0.13%
Na 589.592	144597.5	23.15 mg/L		0.170	23.15 mg/L	0.170	0.73%
Ni 231.604†	28692.3	0.5108 mg/L		0.00119	0.5108 mg/L	0.00119	0.23%

P 214.914†	7648.9	4.806 mg/L	0.0114	4.806 mg/L	0.0114	0.24%
Pb 220.353†	5234.5	0.4967 mg/L	0.00173	0.4967 mg/L	0.00173	0.35%
Sb 206.836†	1069.6	0.4831 mg/L	0.00026	0.4831 mg/L	0.00026	0.05%
Se 196.026†	906.0	0.9424 mg/L	0.00175	0.9424 mg/L	0.00175	0.19%
Sn 189.927†	2331.4	0.4977 mg/L	0.00213	0.4977 mg/L	0.00213	0.43%
Sr 407.771†	1258702.2	0.0518 mg/L	0.00002	0.0518 mg/L	0.00002	0.04%
Ti 337.279†	452770.5	0.5089 mg/L	0.00032	0.5089 mg/L	0.00032	0.06%
Tl 190.801†	759.9	0.5572 mg/L	0.00431	0.5572 mg/L	0.00431	0.77%
V 292.402†	112164.6	0.5154 mg/L	0.00221	0.5154 mg/L	0.00221	0.43%
Zn 213.857†	46566.5	0.4875 mg/L	0.00259	0.4875 mg/L	0.00259	0.53%

Matrix Recovery Check: BH60210-BS1

Analyte	Expected Conc.	Measured Conc.	Std. Dev.	Units	Recovery (%)
K 766.490	25.40	27.17	0.115	mg/L	107.1
Li 670.784	0.5026	0.5333	0.003	mg/L	106.1
Na 589.592	26.03	23.15	0.170	mg/L	88.5
Ag 328.068	0.2512	0.2494	0.001	mg/L	99.3
Al 237.313	2.512	2.469	0.013	mg/L	98.3
As 188.979	0.5044	0.4887	0.004	mg/L	96.9
B 182.528	0.4549	0.4387	0.004	mg/L	96.8
Ba 233.527	0.5010	0.5042	0.003	mg/L	100.6
Be 313.107	0.0502	0.0498	0.000	mg/L	99.1
Ca 315.886	5.033	5.129	0.007	mg/L	101.9
Cd 228.802	0.2513	0.2472	0.001	mg/L	98.4
Co 228.616	0.4998	0.5032	0.001	mg/L	100.7
Cr 267.716	0.5058	0.5120	0.001	mg/L	101.2
Cu 324.752	0.4984	0.5083	0.002	mg/L	102.0
Fe 234.349	2.525	2.577	0.012	mg/L	102.1
Fe 238.204	2.523	2.583	0.011	mg/L	102.4
Mg 279.077	5.009	4.942	0.032	mg/L	98.7
Mn 257.610	0.5010	0.5146	0.002	mg/L	102.7
Mo 202.031	0.5023	0.5141	0.001	mg/L	102.4
Ni 231.604	0.5024	0.5108	0.001	mg/L	101.7
P 214.914	5.851	4.806	0.011	mg/L	79.1
Pb 220.353	0.5034	0.4967	0.002	mg/L	98.7
Sb 206.836	0.5043	0.4831	0.000	mg/L	95.7
Se 196.026	1.002	0.9424	0.002	mg/L	94.0
Sn 189.927	0.4840	0.4977	0.002	mg/L	102.7
Sr 407.771	0.0499	0.0518	0.000	mg/L	103.8
Ti 337.279	0.5017	0.5089	0.000	mg/L	101.4
Tl 190.801	0.5104	0.5572	0.004	mg/L	109.4
V 292.402	0.5023	0.5154	0.002	mg/L	102.6
Zn 213.857	0.5044	0.4875	0.003	mg/L	96.6

Sequence No.: 45
 Sample ID: BH60210-BS1
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 45
 Date Collected: 8/2/2006 1:03:07 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: BH60210-BS1

Repl#	Analyte	Net		Calib. Conc.	Units	Sample		Analysis Time
		Intensity	Corrected Intensity			Conc.	Units	
1	K 766.490†	52589.5	54676.2	26.89	mg/L	26.89	mg/L	13:04:42
1	Li 670.784†	39007.0	40973.4	0.5268	mg/L	0.5268	mg/L	13:04:42
1	Na 589.592	151315.8	145603.2	23.31	mg/L	23.31	mg/L	13:04:42
1	Y 371.029	3410679.7	3410679.7	0.955	mg/L			13:04:57
1	Ag 328.068†	59990.3	65174.2	0.2427	mg/L	0.2427	mg/L	13:05:03
1	Al 237.313†	18075.0	19109.5	2.404	mg/L	2.404	mg/L	13:05:03
1	As 188.979†	375.6	386.6	0.4850	mg/L	0.4850	mg/L	13:05:23
1	B 182.528†	214.3	206.7	0.4453	mg/L	0.4453	mg/L	13:05:23
1	Ba 233.527†	51111.1	53585.6	0.4896	mg/L	0.4896	mg/L	13:05:03
1	Be 313.107†	201983.0	213768.0	0.0484	mg/L	0.0484	mg/L	13:05:03
1	Ca 315.886†	869354.9	906798.7	5.057	mg/L	5.057	mg/L	13:04:57
1	Cd 228.802†	11482.8	11871.5	0.2411	mg/L	0.2411	mg/L	13:05:23
1	Co 228.616†	20899.9	22083.4	0.4897	mg/L	0.4897	mg/L	13:05:03
1	Cr 267.716†	86218.2	86731.7	0.4976	mg/L	0.4976	mg/L	13:05:03
1	Cu 324.752†	112920.5	115894.2	0.4944	mg/L	0.4944	mg/L	13:05:03

1	Fe 234.349†	126009.0	130293.2	2.503 mg/L	2.503 mg/L	13:05:03
1	Fe 238.204†	315933.7	329539.6	2.510 mg/L	2.510 mg/L	13:05:03
1	Mg 279.077†	118320.6	123501.3	4.811 mg/L	4.811 mg/L	13:05:03
1	Mn 257.610†	388088.4	405360.5	0.5001 mg/L	0.5001 mg/L	13:05:03
1	Mo 202.031†	7501.1	7809.3	0.5016 mg/L	0.5016 mg/L	13:05:23
1	Ni 231.604†	26952.5	27940.9	0.4974 mg/L	0.4974 mg/L	13:05:03
1	P 214.914†	7235.4	7472.2	4.696 mg/L	4.696 mg/L	13:05:23
1	Pb 220.353†	4737.4	5103.9	0.4843 mg/L	0.4843 mg/L	13:05:23
1	Sb 206.836†	1039.7	1044.3	0.4717 mg/L	0.4717 mg/L	13:05:23
1	Se 196.026†	836.2	881.3	0.9167 mg/L	0.9167 mg/L	13:05:23
1	Sn 189.927†	2372.9	2271.5	0.4849 mg/L	0.4849 mg/L	13:05:23
1	Sr 407.771†	1187306.8	1239736.9	0.0510 mg/L	0.0510 mg/L	13:04:57
1	Ti 337.279†	423238.2	445512.6	0.5008 mg/L	0.5008 mg/L	13:04:57
1	Tl 190.801†	689.6	736.1	0.5399 mg/L	0.5399 mg/L	13:05:23
1	V 292.402†	102937.4	109037.6	0.5011 mg/L	0.5011 mg/L	13:05:03
1	Zn 213.857†	44029.9	45285.2	0.4741 mg/L	0.4741 mg/L	13:05:03
2	K 766.490†	52206.2	54462.7	26.78 mg/L	26.78 mg/L	13:04:49
2	Li 670.784†	38749.1	40842.8	0.5252 mg/L	0.5252 mg/L	13:04:49
2	Na 589.592	150489.1	144776.6	23.18 mg/L	23.18 mg/L	13:04:49
2	Y 371.029	3399001.6	3399001.6	0.952 mg/L		13:05:29
2	Ag 328.068†	60509.6	65935.3	0.2455 mg/L	0.2455 mg/L	13:05:35
2	Al 237.313†	18181.0	19285.8	2.426 mg/L	2.426 mg/L	13:05:35
2	As 188.979†	366.6	378.5	0.4748 mg/L	0.4748 mg/L	13:05:55
2	B 182.528†	207.4	200.2	0.4315 mg/L	0.4315 mg/L	13:05:55
2	Ba 233.527†	51506.6	54184.8	0.4951 mg/L	0.4951 mg/L	13:05:35
2	Be 313.107†	203640.4	216235.1	0.0490 mg/L	0.0490 mg/L	13:05:35
2	Ca 315.886†	866965.4	907415.3	5.060 mg/L	5.060 mg/L	13:05:29
2	Cd 228.802†	11497.6	11928.3	0.2423 mg/L	0.2423 mg/L	13:05:55
2	Co 228.616†	20971.8	22234.2	0.4931 mg/L	0.4931 mg/L	13:05:35
2	Cr 267.716†	86870.2	87726.6	0.5033 mg/L	0.5033 mg/L	13:05:35
2	Cu 324.752†	113792.4	117216.0	0.5000 mg/L	0.5000 mg/L	13:05:35
2	Fe 234.349†	127088.3	131880.0	2.533 mg/L	2.533 mg/L	13:05:35
2	Fe 238.204†	318274.7	333134.6	2.537 mg/L	2.537 mg/L	13:05:35
2	Mg 279.077†	119268.9	124922.8	4.866 mg/L	4.866 mg/L	13:05:35
2	Mn 257.610†	391082.6	409901.0	0.5057 mg/L	0.5057 mg/L	13:05:35
2	Mo 202.031†	7524.7	7861.1	0.5049 mg/L	0.5049 mg/L	13:05:55
2	Ni 231.604†	27163.9	28259.8	0.5031 mg/L	0.5031 mg/L	13:05:35
2	P 214.914†	7225.9	7488.3	4.706 mg/L	4.706 mg/L	13:05:55
2	Pb 220.353†	4746.4	5130.4	0.4868 mg/L	0.4868 mg/L	13:05:55
2	Sb 206.836†	1038.5	1046.7	0.4727 mg/L	0.4727 mg/L	13:05:55
2	Se 196.026†	841.1	889.4	0.9252 mg/L	0.9252 mg/L	13:05:55
2	Sn 189.927†	2372.2	2279.4	0.4866 mg/L	0.4866 mg/L	13:05:55
2	Sr 407.771†	1183865.2	1240392.0	0.0510 mg/L	0.0510 mg/L	13:05:29
2	Ti 337.279†	421580.2	445293.3	0.5005 mg/L	0.5005 mg/L	13:05:29
2	Tl 190.801†	702.8	752.3	0.5517 mg/L	0.5517 mg/L	13:05:55
2	V 292.402†	103569.4	110071.6	0.5058 mg/L	0.5058 mg/L	13:05:35
2	Zn 213.857†	44403.4	45835.8	0.4799 mg/L	0.4799 mg/L	13:05:35

Mean Data: BH60210-BSD1

Analyte	Mean Corrected		Calib	Std.Dev.	Sample		RSD
	Intensity	Conc.			Conc.	Units	
Y 371.029	3404840.6	0.954 mg/L		0.0023			0.24%
Ag 328.068†	65554.7	0.2441 mg/L		0.00200	0.2441 mg/L	0.00200	0.82%
Al 237.313†	19197.6	2.415 mg/L		0.0156	2.415 mg/L	0.0156	0.65%
As 188.979†	382.6	0.4799 mg/L		0.00719	0.4799 mg/L	0.00719	1.50%
B 182.528†	203.4	0.4384 mg/L		0.00977	0.4384 mg/L	0.00977	2.23%
Ba 233.527†	53885.2	0.4924 mg/L		0.00386	0.4924 mg/L	0.00386	0.78%
Be 313.107†	215001.6	0.0487 mg/L		0.00040	0.0487 mg/L	0.00040	0.81%
Ca 315.886†	907107.0	5.058 mg/L		0.0024	5.058 mg/L	0.0024	0.05%
Cd 228.802†	11899.9	0.2417 mg/L		0.00087	0.2417 mg/L	0.00087	0.36%
Co 228.616†	22158.8	0.4914 mg/L		0.00237	0.4914 mg/L	0.00237	0.48%
Cr 267.716†	87229.1	0.5004 mg/L		0.00403	0.5004 mg/L	0.00403	0.80%
Cu 324.752†	116555.1	0.4972 mg/L		0.00399	0.4972 mg/L	0.00399	0.80%
Fe 234.349†	131086.6	2.518 mg/L		0.0215	2.518 mg/L	0.0215	0.85%
Fe 238.204†	331337.1	2.523 mg/L		0.0193	2.523 mg/L	0.0193	0.77%
K 766.490†	54569.5	26.83 mg/L		0.073	26.83 mg/L	0.073	0.27%
Li 670.784†	40908.1	0.5260 mg/L		0.00118	0.5260 mg/L	0.00118	0.22%
Mg 279.077†	124212.0	4.839 mg/L		0.0391	4.839 mg/L	0.0391	0.81%
Mn 257.610†	407630.8	0.5029 mg/L		0.00395	0.5029 mg/L	0.00395	0.79%
Mo 202.031†	7835.2	0.5032 mg/L		0.00234	0.5032 mg/L	0.00234	0.47%
Na 589.592	145189.9	23.24 mg/L		0.094	23.24 mg/L	0.094	0.40%

Ni 231.604†	28100.3	0.5003 mg/L	0.00402	0.5003 mg/L	0.00402	0.80%
P 214.914†	7480.3	4.701 mg/L	0.0071	4.701 mg/L	0.0071	0.15%
Pb 220.353†	5117.1	0.4856 mg/L	0.00178	0.4856 mg/L	0.00178	0.37%
Sb 206.836†	1045.5	0.4722 mg/L	0.00071	0.4722 mg/L	0.00071	0.15%
Se 196.026†	885.3	0.9210 mg/L	0.00599	0.9210 mg/L	0.00599	0.65%
Sn 189.927†	2275.5	0.4857 mg/L	0.00119	0.4857 mg/L	0.00119	0.24%
Sr 407.771†	1240064.4	0.0510 mg/L	0.00002	0.0510 mg/L	0.00002	0.04%
Ti 337.279†	445402.9	0.5007 mg/L	0.00017	0.5007 mg/L	0.00017	0.03%
Tl 190.801†	744.2	0.5458 mg/L	0.00835	0.5458 mg/L	0.00835	1.53%
V 292.402†	109554.6	0.5035 mg/L	0.00333	0.5035 mg/L	0.00333	0.66%
Zn 213.857†	45560.5	0.4770 mg/L	0.00407	0.4770 mg/L	0.00407	0.85%

Duplicate Check: BH60210-BSD1

Analyte	Expected Conc.	Measured Conc.	Std. Dev.	Units	Difference (%)
K 766.490	27.17	26.83	0.073	mg/L	1.2
Li 670.784	0.5333	0.5260	0.001	mg/L	1.4
Na 589.592	23.15	23.24	0.094	mg/L	0.4
Y 371.029			0.000	mg/L	Not calculated
Ag 328.068	0.2494	0.2441	0.002	mg/L	2.2
Al 237.313	2.469	2.415	0.016	mg/L	2.2
As 188.979	0.4887	0.4799	0.007	mg/L	1.8
B 182.528	0.4387	0.4384	0.010	mg/L	0.1
Ba 233.527	0.5042	0.4924	0.004	mg/L	2.4
Be 313.107	0.0498	0.0487	0.000	mg/L	2.3
Ca 315.886	5.129	5.058	0.002	mg/L	1.4
Cd 228.802	0.2472	0.2417	0.001	mg/L	2.2
Co 228.616	0.5032	0.4914	0.002	mg/L	2.4
Cr 267.716	0.5120	0.5004	0.004	mg/L	2.3
Cu 324.752	0.5083	0.4972	0.004	mg/L	2.2
Fe 234.349	2.577	2.518	0.022	mg/L	2.3
Fe 238.204	2.583	2.523	0.019	mg/L	2.3
Mg 279.077	4.942	4.839	0.039	mg/L	2.1
Mn 257.610	0.5146	0.5029	0.004	mg/L	2.3
Mo 202.031	0.5141	0.5032	0.002	mg/L	2.1
Ni 231.604	0.5108	0.5003	0.004	mg/L	2.1
P 214.914	4.806	4.701	0.007	mg/L	2.2
Pb 220.353	0.4967	0.4856	0.002	mg/L	2.3
Sb 206.836	0.4831	0.4722	0.001	mg/L	2.3
Se 196.026	0.9424	0.9210	0.006	mg/L	2.3
Sn 189.927	0.4977	0.4857	0.001	mg/L	2.4
Sr 407.771	0.0518	0.0510	0.000	mg/L	1.5
Ti 337.279	0.5089	0.5007	0.000	mg/L	1.6
Tl 190.801	0.5572	0.5458	0.008	mg/L	2.1
V 292.402	0.5154	0.5035	0.003	mg/L	2.3
Zn 213.857	0.4875	0.4770	0.004	mg/L	2.2

Sequence No.: 46
 Sample ID: BH60210-SRM1
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 46
 Date Collected: 8/2/2006 1:07:33 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: BH60210-SRM1

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	K 766.490†	44620.4	44400.8	21.92	mg/L	21.92	mg/L	13:09:07
1	Li 670.784†	4287.7	4446.3	0.0598	mg/L	0.0598	mg/L	13:09:07
1	Na 589.592	62179.3	56466.8	9.001	mg/L	9.001	mg/L	13:09:07
1	Y 371.029	3558014.2	3558014.2	0.997	mg/L			13:09:34
1	Ag 328.068†	204152.7	207222.3	0.7729	mg/L	0.7729	mg/L	13:09:34
1	Al 237.313†	397455.8	398985.8	49.78	mg/L	49.78	mg/L	13:09:34
1	As 188.979†	599.0	594.5	0.7442	mg/L	0.7442	mg/L	13:09:54
1	B 182.528†	422.5	406.2	0.8717	mg/L	0.8717	mg/L	13:09:54
1	Ba 233.527†	155471.8	156082.8	1.424	mg/L	1.424	mg/L	13:09:34
1	Be 313.107†	5929670.1	5952009.0	1.349	mg/L	1.349	mg/L	13:09:26
1	Ca 315.886†	7269413.0	7290751.0	40.63	mg/L	40.63	mg/L	13:09:26
1	Cd 228.802†	99959.2	100148.4	2.027	mg/L	2.027	mg/L	13:09:34
1	Co 228.616†	28902.2	29206.9	0.6461	mg/L	0.6461	mg/L	13:09:54

1	Cr 267.716†	97087.4	93900.5	0.5420 mg/L	0.5420 mg/L	13:09:34
1	Cu 324.752†	290009.8	288686.0	1.247 mg/L	1.247 mg/L	13:09:34
1	Fe 234.349†	4329635.1	4342628.5	83.42 mg/L	83.42 mg/L	13:09:26
1	Fe 238.204†	10504001.0	10538258.2	80.09 mg/L	80.09 mg/L	13:09:26
1	Mg 279.077†	448758.0	449924.1	17.49 mg/L	17.49 mg/L	13:09:34
1	Mn 257.610†	2201376.8	2207940.5	2.720 mg/L	2.720 mg/L	13:09:34
1	Mo 202.031†	8719.1	8706.3	0.5590 mg/L	0.5590 mg/L	13:09:54
1	Ni 231.604†	26803.0	26622.6	0.4741 mg/L	0.4741 mg/L	13:09:54
1	P 214.914†	15583.0	15534.4	9.718 mg/L	9.718 mg/L	13:09:54
1	Pb 220.353†	7318.9	7488.8	0.7150 mg/L	0.7150 mg/L	13:09:54
1	Sb 206.836†	1473.2	1434.1	0.6491 mg/L	0.6491 mg/L	13:09:54
1	Se 196.026†	739.0	747.5	0.7778 mg/L	0.7778 mg/L	13:09:54
1	Sn 189.927†	8083.2	7898.3	1.697 mg/L	1.697 mg/L	13:09:54
1	Sr 407.771†	Saturated2	Saturated2			13:09:54
Saturated in preshot (code 2)						
1	Ti 337.279†	1318675.7	1325624.0	1.488 mg/L	1.488 mg/L	13:09:34
1	Tl 190.801†	2272.2	2294.1	1.700 mg/L	1.700 mg/L	13:09:54
1	V 292.402†	126264.1	127981.3	0.5757 mg/L	0.5757 mg/L	13:09:34
1	Zn 213.857†	96474.4	95998.2	1.000 mg/L	1.000 mg/L	13:09:34
2	K 766.490†	44468.6	44504.3	21.97 mg/L	21.97 mg/L	13:09:13
2	Li 670.784†	4249.7	4432.7	0.0597 mg/L	0.0597 mg/L	13:09:13
2	Na 589.592	61878.1	56165.6	8.953 mg/L	8.953 mg/L	13:09:13
2	Y 371.029	3537733.9	3537733.9	0.991 mg/L		13:10:12
2	Ag 328.068†	203152.6	207387.4	0.7735 mg/L	0.7735 mg/L	13:10:12
2	Al 237.313†	395132.5	398927.4	49.77 mg/L	49.77 mg/L	13:10:12
2	As 188.979†	594.9	593.8	0.7432 mg/L	0.7432 mg/L	13:10:33
2	B 182.528†	419.0	405.2	0.8695 mg/L	0.8695 mg/L	13:10:33
2	Ba 233.527†	154446.1	155942.0	1.423 mg/L	1.423 mg/L	13:10:12
2	Be 313.107†	5953452.9	6010115.7	1.362 mg/L	1.362 mg/L	13:10:04
2	Ca 315.886†	7295527.1	7358916.3	41.01 mg/L	41.01 mg/L	13:10:04
2	Cd 228.802†	99314.0	100072.3	2.026 mg/L	2.026 mg/L	13:10:12
2	Co 228.616†	28835.7	29306.0	0.6483 mg/L	0.6483 mg/L	13:10:33
2	Cr 267.716†	96449.8	93815.5	0.5416 mg/L	0.5416 mg/L	13:10:12
2	Cu 324.752†	288638.7	288970.5	1.249 mg/L	1.249 mg/L	13:10:12
2	Fe 234.349†	4346789.9	4384843.4	84.23 mg/L	84.23 mg/L	13:10:04
2	Fe 238.204†	10540414.3	10635421.6	80.83 mg/L	80.83 mg/L	13:10:04
2	Mg 279.077†	445161.0	448875.5	17.45 mg/L	17.45 mg/L	13:10:12
2	Mn 257.610†	2189201.1	2208315.9	2.721 mg/L	2.721 mg/L	13:10:12
2	Mo 202.031†	8688.0	8725.1	0.5602 mg/L	0.5602 mg/L	13:10:33
2	Ni 231.604†	26735.1	26708.3	0.4757 mg/L	0.4757 mg/L	13:10:33
2	P 214.914†	15555.3	15596.0	9.756 mg/L	9.756 mg/L	13:10:33
2	Pb 220.353†	7315.1	7527.1	0.7185 mg/L	0.7185 mg/L	13:10:33
2	Sb 206.836†	1452.2	1421.5	0.6433 mg/L	0.6433 mg/L	13:10:33
2	Se 196.026†	725.0	737.6	0.7676 mg/L	0.7676 mg/L	13:10:33
2	Sn 189.927†	8069.1	7930.5	1.704 mg/L	1.704 mg/L	13:10:33
2	Sr 407.771†	Saturated2	Saturated2			13:10:33
Saturated in preshot (code 2)						
2	Ti 337.279†	1312398.9	1326874.9	1.489 mg/L	1.489 mg/L	13:10:12
2	Tl 190.801†	2283.7	2318.7	1.718 mg/L	1.718 mg/L	13:10:33
2	V 292.402†	125484.9	127921.2	0.5753 mg/L	0.5753 mg/L	13:10:12
2	Zn 213.857†	95795.9	95868.3	0.9987 mg/L	0.9987 mg/L	13:10:12

Mean Data: BH60210-SRM1

Analyte	Mean Corrected		Calib	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 371.029	3547874.0	0.994 mg/L		0.0040			0.40%
Ag 328.068†	207304.8	0.7732 mg/L		0.00046	0.7732 mg/L	0.00046	0.06%
Al 237.313†	398956.6	49.77 mg/L		0.008	49.77 mg/L	0.008	0.02%
As 188.979†	594.1	0.7437 mg/L		0.00067	0.7437 mg/L	0.00067	0.09%
B 182.528†	405.7	0.8706 mg/L		0.00155	0.8706 mg/L	0.00155	0.18%
Ba 233.527†	156012.4	1.424 mg/L		0.0009	1.424 mg/L	0.0009	0.06%
Be 313.107†	5981062.3	1.355 mg/L		0.0093	1.355 mg/L	0.0093	0.69%
Ca 315.886†	7324833.6	40.82 mg/L		0.269	40.82 mg/L	0.269	0.66%
Cd 228.802†	100110.4	2.026 mg/L		0.0011	2.026 mg/L	0.0011	0.05%
Co 228.616†	29256.4	0.6472 mg/L		0.00156	0.6472 mg/L	0.00156	0.24%
Cr 267.716†	93858.0	0.5418 mg/L		0.00031	0.5418 mg/L	0.00031	0.06%
Cu 324.752†	288828.2	1.248 mg/L		0.0010	1.248 mg/L	0.0010	0.08%
Fe 234.349†	4363736.0	83.82 mg/L		0.573	83.82 mg/L	0.573	0.68%
Fe 238.204†	10586839.9	80.46 mg/L		0.522	80.46 mg/L	0.522	0.65%
K 766.490†	44452.5	21.94 mg/L		0.035	21.94 mg/L	0.035	0.16%
Li 670.784†	4439.5	0.0597 mg/L		0.00012	0.0597 mg/L	0.00012	0.21%

Mg 279.077†	449399.8	17.47 mg/L	0.029	17.47 mg/L	0.029	0.17%
Mn 257.610†	2208128.2	2.720 mg/L	0.0003	2.720 mg/L	0.0003	0.01%
Mo 202.031†	8715.7	0.5596 mg/L	0.00085	0.5596 mg/L	0.00085	0.15%
Na 589.592	56316.2	8.977 mg/L	0.0342	8.977 mg/L	0.0342	0.38%
Ni 231.604†	26665.4	0.4749 mg/L	0.00108	0.4749 mg/L	0.00108	0.23%
P 214.914†	15565.2	9.737 mg/L	0.0271	9.737 mg/L	0.0271	0.28%
Pb 220.353†	7507.9	0.7167 mg/L	0.00253	0.7167 mg/L	0.00253	0.35%
Sb 206.836†	1427.8	0.6462 mg/L	0.00411	0.6462 mg/L	0.00411	0.64%
Se 196.026†	742.6	0.7727 mg/L	0.00723	0.7727 mg/L	0.00723	0.94%
Sn 189.927†	7914.4	1.700 mg/L	0.0049	1.700 mg/L	0.0049	0.29%
Sr 407.771†	Saturated2					
Ti 337.279†	1326249.5	1.489 mg/L	0.0010	1.489 mg/L	0.0010	0.07%
Tl 190.801†	2306.4	1.709 mg/L	0.0126	1.709 mg/L	0.0126	0.74%
V 292.402†	127951.3	0.5755 mg/L	0.00025	0.5755 mg/L	0.00025	0.04%
Zn 213.857†	95933.3	0.9994 mg/L	0.00102	0.9994 mg/L	0.00102	0.10%

Sequence No.: 47
 Sample ID: 0608032-01
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 47
 Date Collected: 8/2/2006 1:12:11 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: 0608032-01

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	259508.5	269595.4	130.8 mg/L	130.8 mg/L	13:13:48
1	Li 670.784†	23563.5	24657.1	0.3182 mg/L	0.3182 mg/L	13:13:48
1	Na 589.592	43625.9	37913.4	6.023 mg/L	6.023 mg/L	13:13:48
1	Y 371.029	3431727.1	3431727.1	0.961 mg/L		13:14:22
1	Ag 328.068†	-3919.5	-1696.0	0.0040 mg/L	0.0040 mg/L	13:14:28
1	Al 237.313†	1186198.2	1234186.2	154.0 mg/L	154.0 mg/L	13:14:22
1	As 188.979†	26.2	20.7	0.0145 mg/L	0.0145 mg/L	13:14:48
1	B 182.528†	17.1	0.1	0.0040 mg/L	0.0040 mg/L	13:14:48
1	Ba 233.527†	285600.1	297195.2	2.711 mg/L	2.711 mg/L	13:14:28
1	Be 313.107†	37541.8	41403.9	-0.0008 mg/L	-0.0008 mg/L	13:14:28
1	Ca 315.886†	17130943.5	17818067.3	99.29 mg/L	99.29 mg/L	13:14:14
1	Cd 228.802†	105.9	-37.5	0.0025 mg/L	0.0025 mg/L	13:14:48
1	Co 228.616†	5927.4	6373.5	0.1119 mg/L	0.1119 mg/L	13:14:48
1	Cr 267.716†	33672.7	31515.3	0.1926 mg/L	0.1926 mg/L	13:14:28
1	Cu 324.752†	59074.8	59153.8	0.3070 mg/L	0.3070 mg/L	13:14:28
1	Fe 234.349†	12179352.6	12668517.6	243.4 mg/L	243.4 mg/L	13:14:14
1	Fe 238.204†	27011441.2	28098714.9	213.5 mg/L	213.5 mg/L	13:14:14
1	Mg 279.077†	2570419.4	2673647.8	103.9 mg/L	103.9 mg/L	13:14:22
1	Mn 257.610†	4395267.8	4571517.9	5.631 mg/L	5.631 mg/L	13:14:22
1	Mo 202.031†	346.8	318.6	0.0222 mg/L	0.0222 mg/L	13:14:48
1	Ni 231.604†	6471.1	6461.1	0.1148 mg/L	0.1148 mg/L	13:14:48
1	P 214.914†	40197.5	41716.1	26.03 mg/L	26.03 mg/L	13:14:28
1	Pb 220.353†	44.0	191.0	0.0376 mg/L	0.0376 mg/L	13:14:48
1	Sb 206.836†	-22.5	-67.5	-0.0464 mg/L	-0.0464 mg/L	13:14:48
1	Se 196.026†	18.3	25.0	0.0275 mg/L	0.0275 mg/L	13:14:48
1	Sn 189.927†	227.8	24.7	0.0261 mg/L	0.0261 mg/L	13:14:48
1	Sr 407.771†	3688993.7	3834607.1	0.1581 mg/L	0.1581 mg/L	13:14:14
1	Ti 337.279†	11893079.1	12374813.9	13.88 mg/L	13.88 mg/L	13:14:14
1	Tl 190.801†	-3.9	10.2	0.0830 mg/L	0.0830 mg/L	13:14:48
1	V 292.402†	91042.3	96002.4	0.3861 mg/L	0.3861 mg/L	13:14:28
1	Zn 213.857†	64974.8	66791.5	0.6858 mg/L	0.6858 mg/L	13:14:28
2	K 766.490†	256551.2	263178.8	127.7 mg/L	127.7 mg/L	13:13:53
2	Li 670.784†	23299.9	24079.6	0.3108 mg/L	0.3108 mg/L	13:13:53
2	Na 589.592	43170.7	37458.2	5.950 mg/L	5.950 mg/L	13:13:53
2	Y 371.029	3475219.9	3475219.9	0.973 mg/L		13:15:13
2	Ag 328.068†	-3815.5	-1538.2	0.0045 mg/L	0.0045 mg/L	13:15:19
2	Al 237.313†	1201386.9	1234345.6	154.0 mg/L	154.0 mg/L	13:15:13
2	As 188.979†	31.4	25.7	0.0209 mg/L	0.0209 mg/L	13:15:39
2	B 182.528†	15.2	-2.0	-0.0005 mg/L	-0.0005 mg/L	13:15:39
2	Ba 233.527†	282663.4	290460.0	2.650 mg/L	2.650 mg/L	13:15:19
2	Be 313.107†	36949.7	40306.9	-0.0010 mg/L	-0.0010 mg/L	13:15:19
2	Ca 315.886†	17179311.5	17644719.4	98.32 mg/L	98.32 mg/L	13:15:06
2	Cd 228.802†	94.6	-50.5	0.0022 mg/L	0.0022 mg/L	13:15:39
2	Co 228.616†	5947.8	6317.3	0.1109 mg/L	0.1109 mg/L	13:15:39
2	Cr 267.716†	33298.4	30692.4	0.1877 mg/L	0.1877 mg/L	13:15:19

Cr 267.716†	27594.2	0.1628 mg/L	0.00133	0.1628 mg/L	0.00133	0.82%
Cu 324.752†	227473.2	0.9901 mg/L	0.00869	0.9901 mg/L	0.00869	0.88%
Fe 234.349†	4932682.0	94.76 mg/L	0.104	94.76 mg/L	0.104	0.11%
Fe 238.204†	11903433.1	90.46 mg/L	0.297	90.46 mg/L	0.297	0.33%
K 766.490†	77198.1	37.77 mg/L	0.364	37.77 mg/L	0.364	0.96%
Li 670.784†	7714.0	0.1016 mg/L	0.00022	0.1016 mg/L	0.00022	0.22%
Mg 279.077†	946443.5	36.79 mg/L	0.066	36.79 mg/L	0.066	0.18%
Mn 257.610†	2646294.1	3.260 mg/L	0.0026	3.260 mg/L	0.0026	0.08%
Mo 202.031†	324.5	0.0226 mg/L	0.00115	0.0226 mg/L	0.00115	5.09%
Na 589.592	119682.6	19.15 mg/L	0.165	19.15 mg/L	0.165	0.86%
Ni 231.604†	5914.0	0.1049 mg/L	0.00044	0.1049 mg/L	0.00044	0.42%
P 214.914†	21733.4	13.58 mg/L	0.182	13.58 mg/L	0.182	1.34%
Pb 220.353†	8509.9	0.8110 mg/L	0.00095	0.8110 mg/L	0.00095	0.12%
Sb 206.836†	-13.9	-0.0109 mg/L	0.00036	-0.0109 mg/L	0.00036	3.29%
Se 196.026†	19.2	0.0215 mg/L	0.00060	0.0215 mg/L	0.00060	2.78%
Sn 189.927†	268.9	0.0619 mg/L	0.00055	0.0619 mg/L	0.00055	0.90%
Sr 407.771†	Saturated2					
Ti 337.279†	3226912.2	3.621 mg/L	0.0014	3.621 mg/L	0.0014	0.04%
Tl 190.801†	51.2	0.0914 mg/L	0.00638	0.0914 mg/L	0.00638	6.98%
V 292.402†	37110.0	0.1530 mg/L	0.00186	0.1530 mg/L	0.00186	1.21%
Zn 213.857†	116860.4	1.221 mg/L	0.0147	1.221 mg/L	0.0147	1.21%

Sequence No.: 49

Sample ID: CCV

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/2/2006 1:22:13 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: CCV

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	55251.0	56428.4	27.73 mg/L	27.73 mg/L	13:23:49
1	Li 670.784†	40120.0	41387.8	0.5321 mg/L	0.5321 mg/L	13:23:49
1	Na 589.592	158307.3	152594.8	24.43 mg/L	24.43 mg/L	13:23:49
1	Y 371.029	3472746.7	3472746.7	0.973 mg/L		13:24:05
1	Ag 328.068†	63794.2	67962.3	0.2530 mg/L	0.2530 mg/L	13:24:10
1	Al 237.313†	19230.3	19959.0	2.511 mg/L	2.511 mg/L	13:24:10
1	As 188.979†	404.4	409.2	0.5132 mg/L	0.5132 mg/L	13:24:31
1	B 182.528†	224.5	213.1	0.4592 mg/L	0.4592 mg/L	13:24:31
1	Ba 233.527†	53751.7	55344.0	0.5057 mg/L	0.5057 mg/L	13:24:10
1	Be 313.107†	213737.4	222073.0	0.0503 mg/L	0.0503 mg/L	13:24:10
1	Ca 315.886†	882404.8	903950.6	5.041 mg/L	5.041 mg/L	13:24:05
1	Cd 228.802†	12136.1	12328.3	0.2502 mg/L	0.2502 mg/L	13:24:31
1	Co 228.616†	22017.8	22841.7	0.5066 mg/L	0.5066 mg/L	13:24:10
1	Cr 267.716†	88462.8	87426.2	0.5016 mg/L	0.5016 mg/L	13:24:10
1	Cu 324.752†	117003.5	117979.1	0.5033 mg/L	0.5033 mg/L	13:24:10
1	Fe 234.349†	129836.9	131871.0	2.533 mg/L	2.533 mg/L	13:24:10
1	Fe 238.204†	325072.2	333023.7	2.536 mg/L	2.536 mg/L	13:24:10
1	Mg 279.077†	126468.8	129664.2	5.050 mg/L	5.050 mg/L	13:24:10
1	Mn 257.610†	397618.8	407897.7	0.5032 mg/L	0.5032 mg/L	13:24:05
1	Mo 202.031†	7598.6	7769.2	0.4990 mg/L	0.4990 mg/L	13:24:31
1	Ni 231.604†	28165.4	28683.5	0.5107 mg/L	0.5107 mg/L	13:24:10
1	P 214.914†	7802.9	7920.3	4.975 mg/L	4.975 mg/L	13:24:31
1	Pb 220.353†	5002.4	5287.8	0.5017 mg/L	0.5017 mg/L	13:24:31
1	Sb 206.836†	1105.6	1092.5	0.4938 mg/L	0.4938 mg/L	13:24:31
1	Se 196.026†	946.3	978.8	1.018 mg/L	1.018 mg/L	13:24:31
1	Sn 189.927†	2364.3	2218.3	0.4735 mg/L	0.4735 mg/L	13:24:31
1	Sr 407.771†	1209477.5	1240316.9	0.0510 mg/L	0.0510 mg/L	13:24:05
1	Ti 337.279†	433833.5	448486.9	0.5041 mg/L	0.5041 mg/L	13:24:05
1	Tl 190.801†	751.7	787.0	0.5766 mg/L	0.5766 mg/L	13:24:31
1	V 292.402†	106784.4	111066.7	0.5102 mg/L	0.5102 mg/L	13:24:10
1	Zn 213.857†	47776.3	48312.9	0.5059 mg/L	0.5059 mg/L	13:24:10
2	K 766.490†	55020.3	56615.8	27.82 mg/L	27.82 mg/L	13:23:56
2	Li 670.784†	40107.8	41684.8	0.5359 mg/L	0.5359 mg/L	13:23:56
2	Na 589.592	157911.1	152198.6	24.37 mg/L	24.37 mg/L	13:23:56
2	Y 371.029	3446874.1	3446874.1	0.966 mg/L		13:24:37
2	Ag 328.068†	63303.4	67946.2	0.2530 mg/L	0.2530 mg/L	13:24:43
2	Al 237.313†	19114.3	19987.3	2.514 mg/L	2.514 mg/L	13:24:43
2	As 188.979†	405.5	413.4	0.5185 mg/L	0.5185 mg/L	13:25:03
2	B 182.528†	224.6	214.9	0.4630 mg/L	0.4630 mg/L	13:25:03

2	Ba 233.527†	53317.2	55308.8	0.5053 mg/L	0.5053 mg/L	13:24:43
2	Be 313.107†	212067.4	221992.6	0.0503 mg/L	0.0503 mg/L	13:24:43
2	Ca 315.886†	875484.3	903591.8	5.039 mg/L	5.039 mg/L	13:24:37
2	Cd 228.802†	12226.4	12515.4	0.2540 mg/L	0.2540 mg/L	13:25:03
2	Co 228.616†	21826.3	22813.3	0.5060 mg/L	0.5060 mg/L	13:24:43
2	Cr 267.716†	87897.2	87523.0	0.5021 mg/L	0.5021 mg/L	13:24:43
2	Cu 324.752†	116486.0	118345.8	0.5049 mg/L	0.5049 mg/L	13:24:43
2	Fe 234.349†	128747.4	131744.4	2.531 mg/L	2.531 mg/L	13:24:43
2	Fe 238.204†	322495.9	332863.7	2.535 mg/L	2.535 mg/L	13:24:43
2	Mg 279.077†	125314.8	129444.8	5.042 mg/L	5.042 mg/L	13:24:43
2	Mn 257.610†	394723.0	407966.6	0.5033 mg/L	0.5033 mg/L	13:24:37
2	Mo 202.031†	7675.4	7907.4	0.5078 mg/L	0.5078 mg/L	13:25:03
2	Ni 231.604†	27832.0	28555.5	0.5084 mg/L	0.5084 mg/L	13:24:43
2	P 214.914†	7853.4	8032.8	5.045 mg/L	5.045 mg/L	13:25:03
2	Pb 220.353†	5037.4	5362.6	0.5088 mg/L	0.5088 mg/L	13:25:03
2	Sb 206.836†	1113.3	1109.1	0.5014 mg/L	0.5014 mg/L	13:25:03
2	Se 196.026†	940.1	979.7	1.019 mg/L	1.019 mg/L	13:25:03
2	Sn 189.927†	2363.3	2235.5	0.4771 mg/L	0.4771 mg/L	13:25:03
2	Sr 407.771†	1201000.0	1240869.3	0.0511 mg/L	0.0511 mg/L	13:24:37
2	Ti 337.279†	430500.4	448382.4	0.5040 mg/L	0.5040 mg/L	13:24:37
2	Tl 190.801†	768.0	809.6	0.5929 mg/L	0.5929 mg/L	13:25:03
2	V 292.402†	106019.4	111098.3	0.5105 mg/L	0.5105 mg/L	13:24:43
2	Zn 213.857†	47534.0	48430.6	0.5071 mg/L	0.5071 mg/L	13:24:43

Mean Data: CCV

Analyte	Mean Corrected Intensity	Conc. Units	Calib	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3459810.4	0.969 mg/L		0.0051			0.53%
Ag 328.068†	67954.3	0.2530 mg/L		0.00004	0.2530 mg/L	0.00004	0.02%
QC value within limits for Ag 328.068 Recovery = 101.20%							
Al 237.313†	19973.1	2.512 mg/L		0.0025	2.512 mg/L	0.0025	0.10%
QC value within limits for Al 237.313 Recovery = 100.50%							
As 188.979†	411.3	0.5159 mg/L		0.00371	0.5159 mg/L	0.00371	0.72%
QC value within limits for As 188.979 Recovery = 103.17%							
B 182.528†	214.0	0.4611 mg/L		0.00271	0.4611 mg/L	0.00271	0.59%
QC value within limits for B 182.528 Recovery = 92.21%							
Ba 233.527†	55326.4	0.5055 mg/L		0.00022	0.5055 mg/L	0.00022	0.04%
QC value within limits for Ba 233.527 Recovery = 101.10%							
Be 313.107†	222032.8	0.0503 mg/L		0.00001	0.0503 mg/L	0.00001	0.03%
QC value within limits for Be 313.107 Recovery = 100.53%							
Ca 315.886†	903771.2	5.040 mg/L		0.0014	5.040 mg/L	0.0014	0.03%
QC value within limits for Ca 315.886 Recovery = 100.80%							
Cd 228.802†	12421.8	0.2521 mg/L		0.00265	0.2521 mg/L	0.00265	1.05%
QC value within limits for Cd 228.802 Recovery = 100.84%							
Co 228.616†	22827.5	0.5063 mg/L		0.00045	0.5063 mg/L	0.00045	0.09%
QC value within limits for Co 228.616 Recovery = 101.25%							
Cr 267.716†	87474.6	0.5018 mg/L		0.00039	0.5018 mg/L	0.00039	0.08%
QC value within limits for Cr 267.716 Recovery = 100.37%							
Cu 324.752†	118162.4	0.5041 mg/L		0.00111	0.5041 mg/L	0.00111	0.22%
QC value within limits for Cu 324.752 Recovery = 100.82%							
Fe 234.349†	131807.7	2.532 mg/L		0.0017	2.532 mg/L	0.0017	0.07%
QC value within limits for Fe 234.349 Recovery = 101.27%							
Fe 238.204†	332943.7	2.535 mg/L		0.0009	2.535 mg/L	0.0009	0.03%
QC value within limits for Fe 238.204 Recovery = 101.42%							
K 766.490†	56522.1	27.78 mg/L		0.064	27.78 mg/L	0.064	0.23%
QC value greater than the upper limit for K 766.490 Recovery = 111.11%							
Li 670.784†	41536.3	0.5340 mg/L		0.00268	0.5340 mg/L	0.00268	0.50%
QC value within limits for Li 670.784 Recovery = 106.81%							
Mg 279.077†	129554.5	5.046 mg/L		0.0060	5.046 mg/L	0.0060	0.12%
QC value within limits for Mg 279.077 Recovery = 100.92%							
Mn 257.610†	407932.1	0.5032 mg/L		0.00006	0.5032 mg/L	0.00006	0.01%
QC value within limits for Mn 257.610 Recovery = 100.65%							
Mo 202.031†	7838.3	0.5034 mg/L		0.00625	0.5034 mg/L	0.00625	1.24%
QC value within limits for Mo 202.031 Recovery = 100.68%							
Na 589.592	152396.7	24.40 mg/L		0.045	24.40 mg/L	0.045	0.18%
QC value within limits for Na 589.592 Recovery = 97.60%							
Ni 231.604†	28619.5	0.5095 mg/L		0.00161	0.5095 mg/L	0.00161	0.32%
QC value within limits for Ni 231.604 Recovery = 101.90%							
P 214.914†	7976.6	5.010 mg/L		0.0495	5.010 mg/L	0.0495	0.99%
QC value within limits for P 214.914 Recovery = 100.20%							
Pb 220.353†	5325.2	0.5052 mg/L		0.00501	0.5052 mg/L	0.00501	0.99%

QC value within limits for Pb 220.353	Recovery = 101.05%				
Sb 206.836†	1100.8	0.4976 mg/L	0.00535	0.4976 mg/L	0.00535 1.08%
QC value within limits for Sb 206.836	Recovery = 99.52%				
Se 196.026†	979.2	1.018 mg/L	0.0007	1.018 mg/L	0.0007 0.06%
QC value within limits for Se 196.026	Recovery = 101.85%				
Sn 189.927†	2226.9	0.4753 mg/L	0.00260	0.4753 mg/L	0.00260 0.55%
QC value within limits for Sn 189.927	Recovery = 95.06%				
Sr 407.771†	1240593.1	0.0510 mg/L	0.00002	0.0510 mg/L	0.00002 0.03%
QC value within limits for Sr 407.771	Recovery = 102.08%				
Ti 337.279†	448434.6	0.5041 mg/L	0.00008	0.5041 mg/L	0.00008 0.02%
QC value within limits for Ti 337.279	Recovery = 100.81%				
Tl 190.801†	798.3	0.5848 mg/L	0.01157	0.5848 mg/L	0.01157 1.98%
QC value greater than the upper limit for Tl 190.801	Recovery = 116.95%				
V 292.402†	111082.5	0.5104 mg/L	0.00021	0.5104 mg/L	0.00021 0.04%
QC value within limits for V 292.402	Recovery = 102.07%				
Zn 213.857†	48371.7	0.5065 mg/L	0.00089	0.5065 mg/L	0.00089 0.17%
QC value within limits for Zn 213.857	Recovery = 101.30%				

QC Failed. Continue with analysis.
User canceled analysis.

=====
Analysis Begun

Start Time: 8/2/2006 1:25:51 PM

Plasma On Time: 8/2/2006 7:47:07 AM

Logged In Analyst: ICP3

Technique: ICP Continuous

Spectrometer Model: Optima 4300 DV, S/N 077N1032302 Autosampler Model: AS-91

Sample Information File: C:\pe\Administrator\Sample Information\080206NA.sif

Batch ID: 080206na

Results Data Set: 080206nad

Results Library: Q:\Metals\Results\ICP3\Results2\Results.mdb
=====

Sequence No.: 1

Autosampler Location: 3

Sample ID: CCV

Date Collected: 8/2/2006 1:25:51 PM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

User canceled analysis.
=====

Analysis Begun

Start Time: 8/2/2006 1:26:12 PM

Plasma On Time: 8/2/2006 7:47:07 AM

Logged In Analyst: ICP3

Technique: ICP Continuous

Spectrometer Model: Optima 4300 DV, S/N 077N1032302 Autosampler Model: AS-91

Sample Information File: C:\pe\Administrator\Sample Information\080206NA.sif

Batch ID: 080206na

Results Data Set: 080206nad

Results Library: Q:\Metals\Results\ICP3\Results2\Results.mdb
=====

Sequence No.: 50

Autosampler Location: 1

Sample ID: ICCB

Date Collected: 8/2/2006 1:26:12 PM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:
=====

Replicate Data: ICCB

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	395.8	31.4	0.4744 mg/L	0.4744 mg/L	13:27:43
1	Li 670.784†	-122.1	20.4	0.0032 mg/L	0.0032 mg/L	13:27:43
1	Na 589.592	4410.4	-1302.1	-0.2716 mg/L	-0.2716 mg/L	13:27:43
1	Y 371.029	3519890.5	3519890.5	0.986 mg/L		13:27:57
1	Ag 328.068†	-1806.0	549.7	0.0025 mg/L	0.0025 mg/L	13:28:02
1	Al 237.313†	-163.5	24.3	0.0147 mg/L	0.0147 mg/L	13:28:22
1	As 188.979†	8.1	1.7	0.0042 mg/L	0.0042 mg/L	13:28:22
1	B 182.528†	-3.0	-20.7	-0.0404 mg/L	-0.0404 mg/L	13:28:22
1	Ba 233.527†	-98.1	-12.6	0.0009 mg/L	0.0009 mg/L	13:28:22
1	Be 313.107†	-2326.9	-10.6	0.0003 mg/L	0.0003 mg/L	13:28:02
1	Ca 315.886†	2933.5	-192.6	0.0001 mg/L	0.0001 mg/L	13:28:02
1	Cd 228.802†	157.2	11.7	0.0013 mg/L	0.0013 mg/L	13:28:22
1	Co 228.616†	-197.0	7.4	-0.0001 mg/L	-0.0001 mg/L	13:28:22
1	Cr 267.716†	3399.0	-66.8	0.0009 mg/L	0.0009 mg/L	13:28:02
1	Cu 324.752†	2157.8	-112.9	-0.0016 mg/L	-0.0016 mg/L	13:28:02
1	Fe 234.349†	1770.5	193.5	0.0093 mg/L	0.0093 mg/L	13:28:22
1	Fe 238.204†	1463.2	331.1	0.0072 mg/L	0.0072 mg/L	13:28:22
1	Mg 279.077†	383.2	42.0	0.0084 mg/L	0.0084 mg/L	13:28:02
1	Mn 257.610†	692.0	-155.5	0.0006 mg/L	0.0006 mg/L	13:28:02
1	Mo 202.031†	61.2	19.9	0.0031 mg/L	0.0031 mg/L	13:28:22
1	Ni 231.604†	291.9	25.4	0.0001 mg/L	0.0001 mg/L	13:28:22
1	P 214.914†	107.5	7.9	0.0463 mg/L	0.0463 mg/L	13:28:22
1	Pb 220.353†	-110.6	33.0	0.0039 mg/L	0.0039 mg/L	13:28:22
1	Sb 206.836†	36.8	-6.7	-0.0009 mg/L	-0.0009 mg/L	13:28:22
1	Se 196.026†	-8.3	-2.4	-0.0009 mg/L	-0.0009 mg/L	13:28:22
1	Sn 189.927†	112.1	-98.5	-0.0245 mg/L	-0.0245 mg/L	13:28:22
1	Sr 407.771†	3032.9	41.4	-0.0002 mg/L	-0.0002 mg/L	13:27:57
1	Ti 337.279†	-2101.2	371.8	0.0014 mg/L	0.0014 mg/L	13:28:02

1	Tl 190.801†	-11.7	2.4	0.0075 mg/L	0.0075 mg/L	13:28:22
1	V 292.402†	-1306.2	-33.3	0.0023 mg/L	0.0023 mg/L	13:28:02
1	Zn 213.857†	846.6	57.2	0.0016 mg/L	0.0016 mg/L	13:28:22
2	K 766.490†	405.0	42.9	0.4800 mg/L	0.4800 mg/L	13:27:49
2	Li 670.784†	-150.3	-9.0	0.0029 mg/L	0.0029 mg/L	13:27:49
2	Na 589.592	4409.2	-1303.3	-0.2718 mg/L	-0.2718 mg/L	13:27:49
2	Y 371.029	3501120.7	3501120.7	0.981 mg/L		13:28:28
2	Ag 328.068†	-1984.5	357.8	0.0018 mg/L	0.0018 mg/L	13:28:33
2	Al 237.313†	-189.4	-3.0	0.0112 mg/L	0.0112 mg/L	13:28:54
2	As 188.979†	5.5	-0.9	0.0009 mg/L	0.0009 mg/L	13:28:54
2	B 182.528†	-4.3	-22.1	-0.0434 mg/L	-0.0434 mg/L	13:28:54
2	Ba 233.527†	-70.6	14.9	0.0011 mg/L	0.0011 mg/L	13:28:54
2	Be 313.107†	-2267.2	37.6	0.0003 mg/L	0.0003 mg/L	13:28:33
2	Ca 315.886†	3038.2	-69.9	0.0008 mg/L	0.0008 mg/L	13:28:33
2	Cd 228.802†	157.8	13.1	0.0013 mg/L	0.0013 mg/L	13:28:54
2	Co 228.616†	-203.0	0.3	-0.0002 mg/L	-0.0002 mg/L	13:28:54
2	Cr 267.716†	3384.0	-63.6	0.0009 mg/L	0.0009 mg/L	13:28:33
2	Cu 324.752†	2138.4	-120.9	-0.0016 mg/L	-0.0016 mg/L	13:28:33
2	Fe 234.349†	1769.5	202.1	0.0095 mg/L	0.0095 mg/L	13:28:54
2	Fe 238.204†	1434.0	309.4	0.0071 mg/L	0.0071 mg/L	13:28:54
2	Mg 279.077†	345.3	5.4	0.0070 mg/L	0.0070 mg/L	13:28:33
2	Mn 257.610†	747.8	-94.8	0.0006 mg/L	0.0006 mg/L	13:28:33
2	Mo 202.031†	59.1	18.0	0.0030 mg/L	0.0030 mg/L	13:28:54
2	Ni 231.604†	292.4	27.5	0.0002 mg/L	0.0002 mg/L	13:28:54
2	P 214.914†	98.8	-0.5	0.0411 mg/L	0.0411 mg/L	13:28:54
2	Pb 220.353†	-126.1	16.6	0.0024 mg/L	0.0024 mg/L	13:28:54
2	Sb 206.836†	41.6	-1.6	0.0014 mg/L	0.0014 mg/L	13:28:54
2	Se 196.026†	-9.5	-3.7	-0.0023 mg/L	-0.0023 mg/L	13:28:54
2	Sn 189.927†	107.3	-102.8	-0.0254 mg/L	-0.0254 mg/L	13:28:54
2	Sr 407.771†	3261.2	290.7	-0.0002 mg/L	-0.0002 mg/L	13:28:28
2	Ti 337.279†	-2022.1	441.1	0.0015 mg/L	0.0015 mg/L	13:28:33
2	Tl 190.801†	-5.0	9.1	0.0124 mg/L	0.0124 mg/L	13:28:54
2	V 292.402†	-1324.2	-58.7	0.0022 mg/L	0.0022 mg/L	13:28:33
2	Zn 213.857†	859.4	74.8	0.0018 mg/L	0.0018 mg/L	13:28:54

Mean Data: ICCB

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3510505.6	0.983 mg/L	0.0037			0.38%
Ag 328.068†	453.8	0.0021 mg/L	0.00050	0.0021 mg/L	0.00050	23.48%
QC value greater than the upper limit for Ag 328.068 Recovery = Not calculated						
Al 237.313†	10.7	0.0130 mg/L	0.00243	0.0130 mg/L	0.00243	18.73%
QC value within limits for Al 237.313 Recovery = Not calculated						
As 188.979†	0.4	0.0026 mg/L	0.00233	0.0026 mg/L	0.00233	91.22%
QC value within limits for As 188.979 Recovery = Not calculated						
B 182.528†	-21.4	-0.0419 mg/L	0.00211	-0.0419 mg/L	0.00211	5.03%
QC value less than the lower limit for B 182.528 Recovery = Not calculated						
Ba 233.527†	1.1	0.0010 mg/L	0.00018	0.0010 mg/L	0.00018	18.21%
QC value within limits for Ba 233.527 Recovery = Not calculated						
Be 313.107†	13.5	0.0003 mg/L	0.00001	0.0003 mg/L	0.00001	2.94%
QC value within limits for Be 313.107 Recovery = Not calculated						
Ca 315.886†	-131.3	0.0005 mg/L	0.00048	0.0005 mg/L	0.00048	106.40%
QC value within limits for Ca 315.886 Recovery = Not calculated						
Cd 228.802†	12.4	0.0013 mg/L	0.00003	0.0013 mg/L	0.00003	2.62%
QC value within limits for Cd 228.802 Recovery = Not calculated						
Co 228.616†	3.9	-0.0002 mg/L	0.00011	-0.0002 mg/L	0.00011	69.56%
QC value within limits for Co 228.616 Recovery = Not calculated						
Cr 267.716†	-65.2	0.0009 mg/L	0.00001	0.0009 mg/L	0.00001	1.45%
QC value within limits for Cr 267.716 Recovery = Not calculated						
Cu 324.752†	-116.9	-0.0016 mg/L	0.00002	-0.0016 mg/L	0.00002	1.50%
QC value within limits for Cu 324.752 Recovery = Not calculated						
Fe 234.349†	197.8	0.0094 mg/L	0.00012	0.0094 mg/L	0.00012	1.24%
QC value within limits for Fe 234.349 Recovery = Not calculated						
Fe 238.204†	320.3	0.0071 mg/L	0.00012	0.0071 mg/L	0.00012	1.64%
QC value within limits for Fe 238.204 Recovery = Not calculated						
K 766.490†	37.2	0.4772 mg/L	0.00394	0.4772 mg/L	0.00394	0.83%
QC value greater than the upper limit for K 766.490 Recovery = Not calculated						
Li 670.784†	5.7	0.0031 mg/L	0.00027	0.0031 mg/L	0.00027	8.71%
QC value within limits for Li 670.784 Recovery = Not calculated						
Mg 279.077†	23.7	0.0077 mg/L	0.00100	0.0077 mg/L	0.00100	13.07%
QC value within limits for Mg 279.077 Recovery = Not calculated						

Mn 257.610†	-125.1	0.0006 mg/L	0.00005	0.0006 mg/L	0.00005	8.94%
QC value within limits for Mn 257.610 Recovery = Not calculated						
Mo 202.031†	19.0	0.0031 mg/L	0.00008	0.0031 mg/L	0.00008	2.72%
QC value within limits for Mo 202.031 Recovery = Not calculated						
Na 589.592	-1302.7	-0.2717 mg/L	0.00014	-0.2717 mg/L	0.00014	0.05%
QC value within limits for Na 589.592 Recovery = Not calculated						
Ni 231.604†	26.4	0.0001 mg/L	0.00003	0.0001 mg/L	0.00003	19.68%
QC value within limits for Ni 231.604 Recovery = Not calculated						
P 214.914†	3.7	0.0437 mg/L	0.00368	0.0437 mg/L	0.00368	8.42%
QC value within limits for P 214.914 Recovery = Not calculated						
Pb 220.353†	24.8	0.0032 mg/L	0.00110	0.0032 mg/L	0.00110	34.91%
QC value within limits for Pb 220.353 Recovery = Not calculated						
Sb 206.836†	-4.2	0.0002 mg/L	0.00165	0.0002 mg/L	0.00165	669.00%
QC value within limits for Sb 206.836 Recovery = Not calculated						
Se 196.026†	-3.0	-0.0016 mg/L	0.00096	-0.0016 mg/L	0.00096	59.61%
QC value within limits for Se 196.026 Recovery = Not calculated						
Sn 189.927†	-100.7	-0.0250 mg/L	0.00065	-0.0250 mg/L	0.00065	2.62%
QC value less than the lower limit for Sn 189.927 Recovery = Not calculated						
Sr 407.771†	166.1	-0.0002 mg/L	0.00001	-0.0002 mg/L	0.00001	4.63%
QC value within limits for Sr 407.771 Recovery = Not calculated						
Ti 337.279†	406.5	0.0015 mg/L	0.00005	0.0015 mg/L	0.00005	3.74%
QC value within limits for Ti 337.279 Recovery = Not calculated						
Tl 190.801†	5.7	0.0100 mg/L	0.00347	0.0100 mg/L	0.00347	34.78%
QC value within limits for Tl 190.801 Recovery = Not calculated						
V 292.402†	-46.0	0.0023 mg/L	0.00008	0.0023 mg/L	0.00008	3.67%
QC value greater than the upper limit for V 292.402 Recovery = Not calculated						
Zn 213.857†	66.0	0.0017 mg/L	0.00013	0.0017 mg/L	0.00013	7.77%
QC value within limits for Zn 213.857 Recovery = Not calculated						
QC Failed. Continue with analysis.						

Sequence No.: 51

Sample ID: 0608032-03

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 49

Date Collected: 8/2/2006 1:30:31 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: 0608032-03

Repl#	Analyte	Net		Corrected		Calib.		Sample		Analysis Time
		Intensity		Intensity		Conc. Units		Conc. Units		
1	K 766.490†	40846.0		39939.9		19.76 mg/L		19.76 mg/L		13:32:10
1	Li 670.784†	11975.3		11962.3		0.1559 mg/L		0.1559 mg/L		13:32:10
1	Na 589.592	42156.6		36444.1		5.787 mg/L		5.787 mg/L		13:32:10
1	Y 371.029	3617491.8		3617491.8		1.01 mg/L				13:32:42
1	Ag 328.068†	-1020.7		1374.1		0.0168 mg/L		0.0168 mg/L		13:32:47
1	Al 237.313†	837670.6		826865.5		102.7 mg/L		102.7 mg/L		13:32:42
1	As 188.979†	80.1		72.5		0.0863 mg/L		0.0863 mg/L		13:33:08
1	B 182.528†	17.1		-0.8		0.0020 mg/L		0.0020 mg/L		13:33:08
1	Ba 233.527†	84255.7		83236.7		0.7600 mg/L		0.7600 mg/L		13:32:47
1	Be 313.107†	46666.5		48403.4		0.0072 mg/L		0.0072 mg/L		13:32:47
1	Ca 315.886†	13663089.5		13480579.8		75.12 mg/L		75.12 mg/L		13:32:34
1	Cd 228.802†	406.6		253.5		0.0081 mg/L		0.0081 mg/L		13:33:08
1	Co 228.616†	4602.9		4749.7		0.0911 mg/L		0.0911 mg/L		13:33:08
1	Cr 267.716†	19548.9		15778.1		0.1032 mg/L		0.1032 mg/L		13:32:47
1	Cu 324.752†	103746.2		100083.0		0.4819 mg/L		0.4819 mg/L		13:32:47
1	Fe 234.349†	14689640.4		14495221.9		278.4 mg/L		278.4 mg/L		13:32:34
1	Fe 238.204†	31755788.6		31337809.1		238.1 mg/L		238.1 mg/L		13:32:34
1	Mg 279.077†	719215.3		709428.2		27.55 mg/L		27.55 mg/L		13:32:47
1	Mn 257.610†	6442112.0		6356695.6		7.830 mg/L		7.830 mg/L		13:32:42
1	Mo 202.031†	345.0		298.3		0.0209 mg/L		0.0209 mg/L		13:33:08
1	Ni 231.604†	5254.6		4914.9		0.0872 mg/L		0.0872 mg/L		13:33:08
1	P 214.914†	28710.1		28232.1		17.63 mg/L		17.63 mg/L		13:33:08
1	Pb 220.353†	4218.9		4308.8		0.4147 mg/L		0.4147 mg/L		13:33:08
1	Sb 206.836†	-41.1		-84.6		-0.0451 mg/L		-0.0451 mg/L		13:33:08
1	Se 196.026†	6.0		11.9		0.0139 mg/L		0.0139 mg/L		13:33:08
1	Sn 189.927†	266.0		50.3		0.0255 mg/L		0.0255 mg/L		13:33:08
1	Sr 407.771†	5416441.7		5342310.8		0.2203 mg/L		0.2203 mg/L		13:32:34
1	Ti 337.279†	6031282.5		5954618.8		6.681 mg/L		6.681 mg/L		13:32:42
1	Tl 190.801†	-108.8		-93.1		0.0595 mg/L		0.0595 mg/L		13:33:08
1	V 292.402†	53458.0		54047.9		0.2016 mg/L		0.2016 mg/L		13:32:47
1	Zn 213.857†	127569.1		125093.1		1.292 mg/L		1.292 mg/L		13:32:47

Analytical Sequence

Method : everythingx

Seq.	Loc.	Sample ID
1	1	Calib Blank 1
2	2	Calib Std 1
3	3	Calib Std 2
4	4	Calib Std 3
5	3	STD2
6	5	ICV
7	1	ICCB
8	6	CR11
9	7	CR12
10	8	CR13
11	106	ICSA
12	105	ICSAB
13	3	CCV
14	1	ICCB
15	9	BH60207-BLK1
16	10	BH60207-BS1
17	11	BH60207-BSD1
18	12	BH60207-BLK2
19	13	0608023-01DIS
20	14	0608023-02DIS
21	15	0608023-03DIS
22	16	0608023-04DIS
23	17	0608023-05DIS
24	18	0608008-01
25	3	CCV
26	1	ICCB
27	19	0608008-02
28	20	BH60207-DUP1
29	21	BH60207-MS1
30	22	BH60207-SD1
31	23	BH60207-PDS1
32	24	0608014-01
33	25	0608015-01
34	26	0608015-02
35	27	0608015-03
36	28	BH60207-DUP2
37	3	CCV
38	1	ICCB
39	29	BH60207-MS2
40	30	BH60207-SD2
41	31	BH60207-PDS2
42	32	BH60204-BLK1
43	33	BH60204-BS1
44	34	BH60204-BSD1
45	35	0608017-01TCLP
46	36	0608017-02TCLP
47	37	0608017-03TCLP
48	38	BH60204-DUP1
49	3	CCV
50	1	ICCB
51	39	BH60204-MS1
52	40	BH60204-SD1
53	41	BH60204-PDS1
54	42	NEWSTD
55	43	060803FILTLBK
56	3	CCV

Ag: 0.005
 Au: 0.02
 Ba: 0.01
 Be: 0.001
 Cd: 0.005
 Cu: 0.01
 Cr: 0.01
 Fe: 0.01
 Ni: 0.01
 Pb: 0.01
 Sb: 0.02
 Se: 0.04
 Ti: 0.1
 V: 0.01
 Zn: 0.01


Analytical Sequence

Method : everythingx

Seq.	Loc.	Sample ID
57	1	ICCB
58	44	BH60315-BLK1
59	45	BH60315-BS1
60	46	BH60315-BSD1
61	47	BH60315-SRM1
62	48	0608068-01
63	49	0608068-03
64	50	0608068-06
65	51	0608068-07
66	52	0608068-09
67	53	0608068-11
68	3	CCV
69	1	ICCB
70	54	0608068-12
71	55	0608068-14
72	56	0606068-18
73	57	BH60315-DUP1
74	58	BH60315-MS1
75	59	BH60315-SD1
76	60	BH60315-PDS1
77	61	0608072-03
78	62	0608072-08
79	63	BH60315-DUP2
80	3	CCV
81	1	ICCB
82	64	BH60315-MS2
83	65	BH60315-SD2
84	66	BH60315-PDS2
85	67	0608028-15X5
86	68	0608028-16X5
87	69	0608028-18X5
88	70	0607431-01X10
89	71	0608042-01X10
90	72	0608042-02X20
91	73	0608042-03X50
92	3	CCV
93	1	ICCB
94	74	0608042-04X20
95	75	0608042-05X10
96	76	0608042-06X20
97	77	BH60210-DUP2X20
98	78	BH60210-MS2X20
99	79	BH60210-SD2X100
100	80	BH60210-PDS2X20
101	81	0608068-03X5
102	82	0608068-09X5
103	83	0608068-11X5
104	3	CCV
105	1	ICCB
106	84	0608068-12X5
107	85	0608068-14X20
108	86	0608068-14X5
109	3	CCV
110	1	ICCB
111	106	ICSA
112	105	ICSAB

Analytical Sequence

Method : everythingx

Seq.	Loc.	Sample ID
113	0 	WASH

Align View XY Axial for analyte Mn 257.640

X-position	Y-position	Intensity
-2.0	15.0	439588.0
-1.6	15.0	611470.6
-1.2	15.0	774914.3
-0.8	15.0	920119.2
-0.4	15.0	1002592.3
0.0	15.0	965421.0
0.4	15.0	890349.2
0.8	15.0	728810.8
1.2	15.0	570029.1
1.6	15.0	436171.5
2.0	15.0	307775.4
-0.4	10.0	19214.8
-0.4	10.5	96652.5
-0.4	11.0	159104.2
-0.4	11.5	243035.4
-0.4	12.0	368260.0
-0.4	12.5	674661.6
-0.4	13.0	861672.6
-0.4	13.5	1014844.2
-0.4	14.0	1101710.5
-0.4	14.5	1104971.5
-0.4	15.0	1002058.8
-0.4	15.5	840180.8
-0.4	16.0	686245.3
-0.4	16.5	356072.8
-0.4	17.0	252711.6
-0.4	17.5	165196.7
-0.4	18.0	106791.0
-0.4	18.5	64118.8
-0.4	19.0	20484.0
-0.4	19.5	10581.1
-0.4	20.0	4238.2
-1.2	14.5	841535.6
-0.8	14.5	1023153.3
-0.4	14.5	1119289.1
0.0	14.5	1089512.0
0.4	14.5	991564.1
-0.4	12.5	676613.8
-0.4	13.0	857362.3
-0.4	13.5	1018202.9
-0.4	14.0	1129158.2
-0.4	14.5	1112917.7
-0.4	15.0	1006972.1
-0.4	15.5	846909.7
-0.4	16.0	669361.6
-0.4	16.5	360895.0

8/3/2006 12:59:53 PM aligned for analyte Mn 257.640

X viewing position set to -0.4 mm having Peak intensity 1129158.2 for Axial viewing

Y viewing position set to 14.0 mm having Peak intensity 1129158.2 for Axial viewing

Analysis Begun

Start Time: 8/3/2006 1:02:10 PM

Plasma On Time: 8/3/2006 12:16:59 PM

Logged In Analyst: ICP2

Technique: ICP Continuous

Spectrometer Model: Optima 3100 XL, S/N 069N8031701Autosampler Model: AS-90

Sample Information File: C:\pe\ICP2\Sample Information\080306XA.sif

Batch ID: 080306xa

Results Data Set: 080306xbd

Results Library: Q:\Metals\Results\Icp2\Results\Results.mdb

Method Loaded

Method Name: everythingx

Method Last Saved: 7/20/2006 3:40:46 PM

IEC File: 011006.iec

MSF File:

=====
Analysis Begun

Start Time: 8/3/2006 1:05:28 PM

Plasma On Time: 8/3/2006 12:16:59 PM

Logged In Analyst: ICP2

Technique: ICP Continuous

Spectrometer Model: Optima 3100 XL, S/N 069N8031701Autosampler Model: AS-90

Sample Information File: C:\pe\ICP2\Sample Information\080306XA.sif

Batch ID: 080306xa

Results Data Set: 080306xbd

Results Library: Q:\Metals\Results\Icp2\Results\Results.mdb
=====

Sequence No.: 1

Autosampler Location: 1

Sample ID: Calib Blank 1

Date Collected: 8/3/2006 1:05:29 PM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:
=====

Replicate Data: Calib Blank 1

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Analysis Time
1	Y 360.073	2446074.2	2446074.2	1.00 mg/L	13:07:00
1	Ag 328.068†	236.2	235.1	[0.00] mg/L	13:07:05
1	Al 237.313†	-231.6	-230.5	[0.00] mg/L	13:07:26
1	As 188.979†	-8.4	-8.4	[0.00] mg/L	13:07:26
1	B 182.528†	-15.0	-14.9	[0.00] mg/L	13:07:26
1	Ba 233.527†	104.2	103.7	[0.00] mg/L	13:07:26
1	Be 313.107†	4287.6	4267.2	[0.00] mg/L	13:07:00
1	Ca 315.886†	58.2	57.9	[0.00] mg/L	13:07:05
1	Cd 228.802†	530.4	527.9	[0.00] mg/L	13:07:26
1	Co 228.616†	-160.6	-159.9	[0.00] mg/L	13:07:26
1	Cr 267.716†	2219.6	2209.1	[0.00] mg/L	13:07:26
1	Cu 324.752†	2691.6	2678.8	[0.00] mg/L	13:07:05
1	Fe 238.204†	17192.0	17110.3	[0.00] mg/L	13:07:05
1	Fe 234.349†	5569.1	5542.6	[0.00] mg/L	13:07:05
1	Mg 279.077†	-130.2	-129.6	[0.00] mg/L	13:07:05
1	Mn 257.610†	4304.7	4284.2	[0.00] mg/L	13:07:05
1	Mo 202.031†	66.4	66.1	[0.00] mg/L	13:07:26
1	Na 330.237†	1284.7	1278.6	[0.00] mg/L	13:07:05
1	Ni 231.604†	236.6	235.5	[0.00] mg/L	13:07:26
1	Pb 220.353†	11.7	11.7	[0.00] mg/L	13:07:26
1	Sb 206.836†	53.2	52.9	[0.00] mg/L	13:07:26
1	Se 196.026†	-19.6	-19.5	[0.00] mg/L	13:07:26
1	Sn 189.927†	155.9	155.1	[0.00] mg/L	13:07:26
1	Ti 337.279†	1118.1	1112.8	[0.00] mg/L	13:07:05
1	Tl 190.801†	-21.2	-21.1	[0.00] mg/L	13:07:26
1	V 292.402†	1789.9	1781.4	[0.00] mg/L	13:07:05
1	Zn 213.857†	1692.5	1684.4	[0.00] mg/L	13:07:26
2	Y 360.073	2422804.6	2422804.6	0.995 mg/L	13:07:32
2	Ag 328.068†	247.9	249.1	[0.00] mg/L	13:07:37
2	Al 237.313†	-216.3	-217.4	[0.00] mg/L	13:07:57
2	As 188.979†	-13.5	-13.5	[0.00] mg/L	13:07:57
2	B 182.528†	-14.7	-14.8	[0.00] mg/L	13:07:57
2	Ba 233.527†	111.8	112.3	[0.00] mg/L	13:07:57
2	Be 313.107†	4177.6	4197.6	[0.00] mg/L	13:07:32
2	Ca 315.886†	71.7	72.0	[0.00] mg/L	13:07:37
2	Cd 228.802†	519.1	521.5	[0.00] mg/L	13:07:57
2	Co 228.616†	-176.0	-176.8	[0.00] mg/L	13:07:57
2	Cr 267.716†	2172.7	2183.1	[0.00] mg/L	13:07:57
2	Cu 324.752†	2715.5	2728.5	[0.00] mg/L	13:07:37
2	Fe 238.204†	16702.9	16783.1	[0.00] mg/L	13:07:37
2	Fe 234.349†	5410.0	5436.0	[0.00] mg/L	13:07:37
2	Mg 279.077†	-108.0	-108.5	[0.00] mg/L	13:07:37
2	Mn 257.610†	4133.5	4153.3	[0.00] mg/L	13:07:37
2	Mo 202.031†	70.4	70.7	[0.00] mg/L	13:07:57
2	Na 330.237†	1304.7	1311.0	[0.00] mg/L	13:07:37
2	Ni 231.604†	250.5	251.7	[0.00] mg/L	13:07:57
2	Pb 220.353†	-6.2	-6.2	[0.00] mg/L	13:07:57

2	Sb 206.836†	58.6	58.9	[0.00] mg/L	13:07:57
2	Se 196.026†	-15.9	-16.0	[0.00] mg/L	13:07:57
2	Sn 189.927†	152.2	153.0	[0.00] mg/L	13:07:57
2	Ti 337.279†	1096.0	1101.2	[0.00] mg/L	13:07:37
2	Tl 190.801†	-17.0	-17.0	[0.00] mg/L	13:07:57
2	V 292.402†	1786.0	1794.6	[0.00] mg/L	13:07:37
2	Zn 213.857†	1677.4	1685.5	[0.00] mg/L	13:07:57

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc. Units
Y 360.073	2434439.4	16454.11	0.68%	1.00 mg/L
Ag 328.068†	242.1	9.89	4.09%	[0.00] mg/L
Al 237.313†	-223.9	9.27	4.14%	[0.00] mg/L
As 188.979†	-11.0	3.62	32.99%	[0.00] mg/L
B 182.528†	-14.8	0.08	0.53%	[0.00] mg/L
Ba 233.527†	108.0	6.12	5.66%	[0.00] mg/L
Be 313.107†	4232.4	49.17	1.16%	[0.00] mg/L
Ca 315.886†	65.0	9.97	15.35%	[0.00] mg/L
Cd 228.802†	524.7	4.46	0.85%	[0.00] mg/L
Co 228.616†	-168.3	12.01	7.13%	[0.00] mg/L
Cr 267.716†	2196.1	18.34	0.84%	[0.00] mg/L
Cu 324.752†	2703.7	35.16	1.30%	[0.00] mg/L
Fe 238.204†	16946.7	231.31	1.36%	[0.00] mg/L
Fe 234.349†	5489.3	75.40	1.37%	[0.00] mg/L
Mg 279.077†	-119.1	14.89	12.50%	[0.00] mg/L
Mn 257.610†	4218.8	92.57	2.19%	[0.00] mg/L
Mo 202.031†	68.4	3.26	4.77%	[0.00] mg/L
Na 330.237†	1294.8	22.91	1.77%	[0.00] mg/L
Ni 231.604†	243.6	11.43	4.69%	[0.00] mg/L
Pb 220.353†	2.7	12.65	461.07%	[0.00] mg/L
Sb 206.836†	55.9	4.22	7.55%	[0.00] mg/L
Se 196.026†	-17.7	2.51	14.13%	[0.00] mg/L
Sn 189.927†	154.1	1.53	1.00%	[0.00] mg/L
Ti 337.279†	1107.0	8.18	0.74%	[0.00] mg/L
Tl 190.801†	-19.1	2.88	15.10%	[0.00] mg/L
V 292.402†	1788.0	9.31	0.52%	[0.00] mg/L
Zn 213.857†	1685.0	0.75	0.04%	[0.00] mg/L

Sequence No.: 2
 Sample ID: Calib Std 1
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 2
 Date Collected: 8/3/2006 1:09:34 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: Calib Std 1

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Analysis Time
1	Y 360.073	2464822.9	2464822.9	1.01 mg/L	13:11:06
1	Ag 328.068†	16962.3	16511.2	[0.0500] mg/L	13:11:11
1	Al 237.313†	4044.1	4218.1	[0.5] mg/L	13:11:32
1	As 188.979†	71.6	81.7	[0.1000] mg/L	13:11:32
1	B 182.528†	109.0	122.5	[0.1000] mg/L	13:11:32
1	Ba 233.527†	18659.9	18321.9	[0.1000] mg/L	13:11:11
1	Be 313.107†	56974.9	52040.1	[0.0100] mg/L	13:11:06
1	Ca 315.886†	122672.2	121095.1	[1.0000] mg/L	13:11:11
1	Cd 228.802†	4553.8	3973.0	[0.0500] mg/L	13:11:32
1	Co 228.616†	6799.8	6884.3	[0.1000] mg/L	13:11:11
1	Cr 267.716†	15805.9	13415.0	[0.1000] mg/L	13:11:11
1	Cu 324.752†	28838.1	25778.9	[0.1000] mg/L	13:11:11
1	Fe 238.204†	76273.3	58386.4	[0.5] mg/L	13:11:11
1	Fe 234.349†	23669.9	17888.8	[0.5] mg/L	13:11:11
1	Mg 279.077†	18084.9	17981.0	[1.0000] mg/L	13:11:11
1	Mn 257.610†	108319.2	102765.2	[0.1000] mg/L	13:11:11
1	Mo 202.031†	1215.3	1131.9	[0.1000] mg/L	13:11:32
1	Na 330.237†	5018.4	3661.8	[5.0000] mg/L	13:11:11
1	Ni 231.604†	5467.3	5156.3	[0.1000] mg/L	13:11:11
1	Pb 220.353†	862.8	849.4	[0.1000] mg/L	13:11:32

1	Sb 206.836†	447.6	386.2	[0.1000]	mg/L	13:11:32
1	Se 196.026†	110.8	127.2	[0.2000]	mg/L	13:11:32
1	Sn 189.927†	463.7	303.9	[0.1000]	mg/L	13:11:32
1	Ti 337.279†	70449.6	68474.2	[0.1000]	mg/L	13:11:11
1	Tl 190.801†	77.1	95.3	[0.1000]	mg/L	13:11:32
1	V 292.402†	24317.5	22229.8	[0.1000]	mg/L	13:11:11
1	Zn 213.857†	11392.6	9567.1	[0.1000]	mg/L	13:11:11
2	Y 360.073	2438399.4	2438399.4	1.00	mg/L	13:11:38
2	Ag 328.068†	16702.8	16433.6	[0.0500]	mg/L	13:11:43
2	Al 237.313†	4089.5	4306.8	[0.5]	mg/L	13:12:03
2	As 188.979†	73.2	84.1	[0.1000]	mg/L	13:12:03
2	B 182.528†	105.7	120.3	[0.1000]	mg/L	13:12:03
2	Ba 233.527†	18518.0	18379.9	[0.1000]	mg/L	13:11:43
2	Be 313.107†	56458.1	52134.0	[0.0100]	mg/L	13:11:38
2	Ca 315.886†	122032.2	121769.0	[1.0000]	mg/L	13:11:43
2	Cd 228.802†	4590.4	4058.3	[0.0500]	mg/L	13:12:03
2	Co 228.616†	6731.3	6888.8	[0.1000]	mg/L	13:11:43
2	Cr 267.716†	15713.0	13491.3	[0.1000]	mg/L	13:11:43
2	Cu 324.752†	28565.5	25815.4	[0.1000]	mg/L	13:11:43
2	Fe 238.204†	75966.5	58896.4	[0.5]	mg/L	13:11:43
2	Fe 234.349†	23602.1	18074.4	[0.5]	mg/L	13:11:43
2	Mg 279.077†	18052.2	18142.0	[1.0000]	mg/L	13:11:43
2	Mn 257.610†	107695.8	103302.1	[0.1000]	mg/L	13:11:43
2	Mo 202.031†	1222.1	1151.7	[0.1000]	mg/L	13:12:03
2	Na 330.237†	4961.2	3658.4	[5.0000]	mg/L	13:11:43
2	Ni 231.604†	5414.6	5162.3	[0.1000]	mg/L	13:11:43
2	Pb 220.353†	845.4	841.3	[0.1000]	mg/L	13:12:03
2	Sb 206.836†	458.7	402.1	[0.1000]	mg/L	13:12:03
2	Se 196.026†	110.9	128.4	[0.2000]	mg/L	13:12:03
2	Sn 189.927†	463.7	308.9	[0.1000]	mg/L	13:12:03
2	Ti 337.279†	69676.5	68456.3	[0.1000]	mg/L	13:11:43
2	Tl 190.801†	70.2	89.2	[0.1000]	mg/L	13:12:03
2	V 292.402†	24112.7	22285.6	[0.1000]	mg/L	13:11:43
2	Zn 213.857†	11342.1	9638.7	[0.1000]	mg/L	13:11:43

Mean Data: Calib Std 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Y 360.073	2451611.2	18684.26	0.76%	1.01	mg/L
Ag 328.068†	16472.4	54.87	0.33%	[0.0500]	mg/L
Al 237.313†	4262.5	62.71	1.47%	[0.5]	mg/L
As 188.979†	82.9	1.71	2.06%	[0.1000]	mg/L
B 182.528†	121.4	1.54	1.26%	[0.1000]	mg/L
Ba 233.527†	18350.9	41.01	0.22%	[0.1000]	mg/L
Be 313.107†	52087.1	66.39	0.13%	[0.0100]	mg/L
Ca 315.886†	121432.0	476.56	0.39%	[1.0000]	mg/L
Cd 228.802†	4015.6	60.31	1.50%	[0.0500]	mg/L
Co 228.616†	6886.6	3.13	0.05%	[0.1000]	mg/L
Cr 267.716†	13453.1	54.01	0.40%	[0.1000]	mg/L
Cu 324.752†	25797.2	25.81	0.10%	[0.1000]	mg/L
Fe 238.204†	58641.4	360.65	0.62%	[0.5]	mg/L
Fe 234.349†	17981.6	131.22	0.73%	[0.5]	mg/L
Mg 279.077†	18061.5	113.82	0.63%	[1.0000]	mg/L
Mn 257.610†	103033.6	379.66	0.37%	[0.1000]	mg/L
Mo 202.031†	1141.8	14.01	1.23%	[0.1000]	mg/L
Na 330.237†	3660.1	2.41	0.07%	[5.0000]	mg/L
Ni 231.604†	5159.3	4.20	0.08%	[0.1000]	mg/L
Pb 220.353†	845.4	5.72	0.68%	[0.1000]	mg/L
Sb 206.836†	394.2	11.19	2.84%	[0.1000]	mg/L
Se 196.026†	127.8	0.89	0.70%	[0.2000]	mg/L
Sn 189.927†	306.4	3.53	1.15%	[0.1000]	mg/L
Ti 337.279†	68465.2	12.64	0.02%	[0.1000]	mg/L
Tl 190.801†	92.2	4.27	4.63%	[0.1000]	mg/L
V 292.402†	22257.7	39.43	0.18%	[0.1000]	mg/L
Zn 213.857†	9602.9	50.60	0.53%	[0.1000]	mg/L

Sequence No.: 3
Sample ID: Calib Std 2
Analyst:

Autosampler Location: 3
Date Collected: 8/3/2006 1:13:40 PM
Data Type: Original

Initial Sample Wt:
Dilution:Initial Sample Vol:
Sample Prep Vol:-----
Replicate Data: Calib Std 2

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc.	Calib. Units	Analysis Time
1	Y 360.073	2468884.7	2468884.7	1.01	mg/L	13:15:13
1	Ag 328.068†	86101.5	84658.2	[0.2500]	mg/L	13:15:19
1	Al 237.313†	21984.5	21901.7	[2.5]	mg/L	13:15:19
1	As 188.979†	410.4	415.6	[0.5000]	mg/L	13:15:39
1	B 182.528†	603.9	610.3	[0.5000]	mg/L	13:15:39
1	Ba 233.527†	92835.9	91432.7	[0.5000]	mg/L	13:15:19
1	Be 313.107†	272563.0	264527.9	[0.0500]	mg/L	13:15:13
1	Ca 315.886†	619991.6	611276.6	[5.0000]	mg/L	13:15:13
1	Cd 228.802†	21685.3	20858.0	[0.2500]	mg/L	13:15:19
1	Co 228.616†	34684.2	34368.6	[0.5000]	mg/L	13:15:19
1	Cr 267.716†	71017.9	67831.0	[0.5000]	mg/L	13:15:19
1	Cu 324.752†	134601.0	130019.4	[0.5000]	mg/L	13:15:19
1	Fe 238.204†	319999.8	298588.6	[2.5]	mg/L	13:15:19
1	Fe 234.349†	98034.6	91177.5	[2.5]	mg/L	13:15:19
1	Mg 279.077†	92800.5	91624.9	[5.0000]	mg/L	13:15:19
1	Mn 257.610†	528944.3	517345.8	[0.5000]	mg/L	13:15:13
1	Mo 202.031†	5924.9	5773.8	[0.5000]	mg/L	13:15:39
1	Na 330.237†	22304.6	20698.6	[25.0000]	mg/L	13:15:19
1	Ni 231.604†	26277.7	25667.5	[0.5000]	mg/L	13:15:19
1	Pb 220.353†	4358.8	4295.2	[0.5000]	mg/L	13:15:39
1	Sb 206.836†	2122.0	2036.5	[0.5000]	mg/L	13:15:39
1	Se 196.026†	649.4	658.1	[1.0000]	mg/L	13:15:39
1	Sn 189.927†	1503.6	1328.6	[0.5000]	mg/L	13:15:39
1	Ti 337.279†	357963.6	351862.4	[0.5000]	mg/L	13:15:13
1	Tl 190.801†	441.4	454.3	[0.5000]	mg/L	13:15:39
1	V 292.402†	116626.3	113211.2	[0.5000]	mg/L	13:15:19
1	Zn 213.857†	49439.5	47064.8	[0.5000]	mg/L	13:15:19
2	Y 360.073	2468337.0	2468337.0	1.01	mg/L	13:15:46
2	Ag 328.068†	85792.0	84371.7	[0.2500]	mg/L	13:15:51
2	Al 237.313†	21949.7	21872.1	[2.5]	mg/L	13:15:51
2	As 188.979†	410.6	415.9	[0.5000]	mg/L	13:16:12
2	B 182.528†	603.8	610.3	[0.5000]	mg/L	13:16:12
2	Ba 233.527†	92487.5	91109.4	[0.5000]	mg/L	13:15:51
2	Be 313.107†	271252.4	263294.9	[0.0500]	mg/L	13:15:46
2	Ca 315.886†	617288.0	608745.8	[5.0000]	mg/L	13:15:46
2	Cd 228.802†	21640.1	20818.2	[0.2500]	mg/L	13:15:51
2	Co 228.616†	34636.8	34329.5	[0.5000]	mg/L	13:15:51
2	Cr 267.716†	70778.9	67610.8	[0.5000]	mg/L	13:15:51
2	Cu 324.752†	135130.3	130570.8	[0.5000]	mg/L	13:15:51
2	Fe 238.204†	318660.8	297337.9	[2.5]	mg/L	13:15:51
2	Fe 234.349†	97782.6	90950.5	[2.5]	mg/L	13:15:51
2	Mg 279.077†	92562.0	91409.9	[5.0000]	mg/L	13:15:51
2	Mn 257.610†	526661.4	515209.9	[0.5000]	mg/L	13:15:46
2	Mo 202.031†	5903.8	5754.3	[0.5000]	mg/L	13:16:12
2	Na 330.237†	22355.1	20753.3	[25.0000]	mg/L	13:15:51
2	Ni 231.604†	26209.5	25605.9	[0.5000]	mg/L	13:15:51
2	Pb 220.353†	4329.3	4267.1	[0.5000]	mg/L	13:16:12
2	Sb 206.836†	2114.4	2029.4	[0.5000]	mg/L	13:16:12
2	Se 196.026†	645.9	654.8	[1.0000]	mg/L	13:16:12
2	Sn 189.927†	1498.9	1324.3	[0.5000]	mg/L	13:16:12
2	Ti 337.279†	356487.8	350485.2	[0.5000]	mg/L	13:15:46
2	Tl 190.801†	459.8	472.6	[0.5000]	mg/L	13:16:12
2	V 292.402†	116317.8	112932.5	[0.5000]	mg/L	13:15:51
2	Zn 213.857†	49319.8	46957.5	[0.5000]	mg/L	13:15:51

Mean Data: Calib Std 2

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc. Units
Y 360.073	2468610.9	387.23	0.02%	1.01 mg/L
Ag 328.068†	84514.9	202.54	0.24%	[0.2500] mg/L
Al 237.313†	21886.9	20.94	0.10%	[2.5] mg/L
As 188.979†	415.8	0.17	0.04%	[0.5000] mg/L
B 182.528†	610.3	0.00	0.00%	[0.5000] mg/L

Ba 233.527†	91271.0	228.65	0.25%	[0.5000]	mg/L
Be 313.107†	263911.4	871.87	0.33%	[0.0500]	mg/L
Ca 315.886†	610011.2	1789.56	0.29%	[5.0000]	mg/L
Cd 228.802†	20838.1	28.18	0.14%	[0.2500]	mg/L
Co 228.616†	34349.1	27.63	0.08%	[0.5000]	mg/L
Cr 267.716†	67720.9	155.69	0.23%	[0.5000]	mg/L
Cu 324.752†	130295.1	389.95	0.30%	[0.5000]	mg/L
Fe 238.204†	297963.3	884.33	0.30%	[2.5]	mg/L
Fe 234.349†	91064.0	160.53	0.18%	[2.5]	mg/L
Mg 279.077†	91517.4	152.04	0.17%	[5.0000]	mg/L
Mn 257.610†	516277.9	1510.31	0.29%	[0.5000]	mg/L
Mo 202.031†	5764.1	13.80	0.24%	[0.5000]	mg/L
Na 330.237†	20725.9	38.66	0.19%	[25.0000]	mg/L
Ni 231.604†	25636.7	43.55	0.17%	[0.5000]	mg/L
Pb 220.353†	4281.2	19.89	0.46%	[0.5000]	mg/L
Sb 206.836†	2033.0	5.00	0.25%	[0.5000]	mg/L
Se 196.026†	656.4	2.29	0.35%	[1.0000]	mg/L
Sn 189.927†	1326.4	3.03	0.23%	[0.5000]	mg/L
Ti 337.279†	351173.8	973.87	0.28%	[0.5000]	mg/L
Tl 190.801†	463.5	12.91	2.79%	[0.5000]	mg/L
V 292.402†	113071.8	197.07	0.17%	[0.5000]	mg/L
Zn 213.857†	47011.2	75.87	0.16%	[0.5000]	mg/L

Sequence No.: 4
 Sample ID: Calib Std 3
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 4
 Date Collected: 8/3/2006 1:17:49 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

 Replicate Data: Calib Std 3

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc.	Calib. Units	Analysis Time
1	Y 360.073	2430506.0	2430506.0	0.998	mg/L	13:19:24
1	Ag 328.068†	167594.1	167623.3	[0.5000]	mg/L	13:19:29
1	Al 237.313†	43150.2	43444.0	[5]	mg/L	13:19:29
1	As 188.979†	809.2	821.4	[1.0000]	mg/L	13:19:50
1	B 182.528†	1189.1	1205.9	[1.0000]	mg/L	13:19:50
1	Ba 233.527†	179076.4	179258.2	[1.0000]	mg/L	13:19:29
1	Be 313.107†	531784.2	528412.4	[0.1000]	mg/L	13:19:24
1	Ca 315.886†	1217052.3	1218956.8	[10.0000]	mg/L	13:19:24
1	Cd 228.802†	41745.2	41288.0	[0.5000]	mg/L	13:19:29
1	Co 228.616†	67266.1	67543.3	[1.0000]	mg/L	13:19:29
1	Cr 267.716†	136788.7	134814.0	[1.0000]	mg/L	13:19:29
1	Cu 324.752†	263240.6	260962.9	[1.0000]	mg/L	13:19:24
1	Fe 238.204†	614195.9	598243.2	[5]	mg/L	13:19:24
1	Fe 234.349†	186070.1	180881.9	[5]	mg/L	13:19:29
1	Mg 279.077†	181581.2	181994.1	[10.0000]	mg/L	13:19:29
1	Mn 257.610†	1024529.8	1021969.0	[1.0000]	mg/L	13:19:24
1	Mo 202.031†	11496.4	11446.5	[1.0000]	mg/L	13:19:50
1	Na 330.237†	44475.2	43252.3	[50.0000]	mg/L	13:19:29
1	Ni 231.604†	50997.6	50836.6	[1.0000]	mg/L	13:19:29
1	Pb 220.353†	8545.8	8556.9	[1.0000]	mg/L	13:19:50
1	Sb 206.836†	4032.9	3983.5	[1.0000]	mg/L	13:19:50
1	Se 196.026†	1271.1	1290.9	[2.0000]	mg/L	13:19:50
1	Sn 189.927†	2685.9	2536.2	[1.0000]	mg/L	13:19:50
1	Ti 337.279†	699627.3	699652.5	[1.0000]	mg/L	13:19:24
1	Tl 190.801†	972.9	993.5	[1.0000]	mg/L	13:19:50
1	V 292.402†	225883.4	224461.0	[1.0000]	mg/L	13:19:29
1	Zn 213.857†	95033.4	93502.3	[1.0000]	mg/L	13:19:29
2	Y 360.073	2400911.2	2400911.2	0.986	mg/L	13:19:57
2	Ag 328.068†	168297.7	170405.9	[0.5000]	mg/L	13:20:02
2	Al 237.313†	43386.9	44216.7	[5]	mg/L	13:20:02
2	As 188.979†	824.8	847.3	[1.0000]	mg/L	13:20:22
2	B 182.528†	1197.3	1228.9	[1.0000]	mg/L	13:20:22
2	Ba 233.527†	179271.3	181666.8	[1.0000]	mg/L	13:20:02
2	Be 313.107†	527076.6	530204.7	[0.1000]	mg/L	13:19:57
2	Ca 315.886†	1209564.3	1226390.6	[10.0000]	mg/L	13:19:57
2	Cd 228.802†	41858.5	41918.3	[0.5000]	mg/L	13:20:02
2	Co 228.616†	67378.4	68487.6	[1.0000]	mg/L	13:20:02

2	Cr 267.716†	137066.1	136784.1	[1.0000]	mg/L	13:20:02
2	Cu 324.752†	259672.1	260594.7	[1.0000]	mg/L	13:19:57
2	Fe 238.204†	610017.2	601589.2	[5]	mg/L	13:19:57
2	Fe 234.349†	186251.3	183363.0	[5]	mg/L	13:20:02
2	Mg 279.077†	181653.9	184309.7	[10.0000]	mg/L	13:20:02
2	Mn 257.610†	1016170.2	1026142.0	[1.0000]	mg/L	13:19:57
2	Mo 202.031†	11702.1	11797.1	[1.0000]	mg/L	13:20:22
2	Na 330.237†	44900.7	44232.9	[50.0000]	mg/L	13:20:02
2	Ni 231.604†	50963.1	51431.2	[1.0000]	mg/L	13:20:02
2	Pb 220.353†	8628.5	8746.2	[1.0000]	mg/L	13:20:22
2	Sb 206.836†	4099.3	4100.7	[1.0000]	mg/L	13:20:22
2	Se 196.026†	1296.8	1332.7	[2.0000]	mg/L	13:20:22
2	Sn 189.927†	2723.2	2607.2	[1.0000]	mg/L	13:20:22
2	Ti 337.279†	690912.1	699453.5	[1.0000]	mg/L	13:19:57
2	Tl 190.801†	1052.0	1085.7	[1.0000]	mg/L	13:20:22
2	V 292.402†	226435.3	227809.4	[1.0000]	mg/L	13:20:02
2	Zn 213.857†	95159.2	94803.1	[1.0000]	mg/L	13:20:02

Mean Data: Calib Std 3

Analyte	Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 360.073	2415708.6	20926.70	0.87%	0.992	mg/L
Ag 328.068†	169014.6	1967.63	1.16%	[0.5000]	mg/L
Al 237.313†	43830.3	546.37	1.25%	[5]	mg/L
As 188.979†	834.3	18.26	2.19%	[1.0000]	mg/L
B 182.528†	1217.4	16.25	1.33%	[1.0000]	mg/L
Ba 233.527†	180462.5	1703.13	0.94%	[1.0000]	mg/L
Be 313.107†	529308.5	1267.34	0.24%	[0.1000]	mg/L
Ca 315.886†	1222673.7	5256.45	0.43%	[10.0000]	mg/L
Cd 228.802†	41603.2	445.70	1.07%	[0.5000]	mg/L
Co 228.616†	68015.5	667.78	0.98%	[1.0000]	mg/L
Cr 267.716†	135799.1	1393.09	1.03%	[1.0000]	mg/L
Cu 324.752†	260778.8	260.39	0.10%	[1.0000]	mg/L
Fe 238.204†	599916.2	2365.97	0.39%	[5]	mg/L
Fe 234.349†	182122.4	1754.40	0.96%	[5]	mg/L
Mg 279.077†	183151.9	1637.38	0.89%	[10.0000]	mg/L
Mn 257.610†	1024055.5	2950.78	0.29%	[1.0000]	mg/L
Mo 202.031†	11621.8	247.91	2.13%	[1.0000]	mg/L
Na 330.237†	43742.6	693.40	1.59%	[50.0000]	mg/L
Ni 231.604†	51133.9	420.48	0.82%	[1.0000]	mg/L
Pb 220.353†	8651.6	133.86	1.55%	[1.0000]	mg/L
Sb 206.836†	4042.1	82.81	2.05%	[1.0000]	mg/L
Se 196.026†	1311.8	29.56	2.25%	[2.0000]	mg/L
Sn 189.927†	2571.7	50.16	1.95%	[1.0000]	mg/L
Ti 337.279†	699553.0	140.72	0.02%	[1.0000]	mg/L
Tl 190.801†	1039.6	65.19	6.27%	[1.0000]	mg/L
V 292.402†	226135.2	2367.72	1.05%	[1.0000]	mg/L
Zn 213.857†	94152.7	919.85	0.98%	[1.0000]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	3	Lin, Calc Int	-188.9	338400	0.00000	0.999997	
Al 237.313	3	Lin, Calc Int	-58.7	8777	0.00000	0.999997	
As 188.979	3	Lin, Calc Int	-0.5	834.4	0.00000	0.999998	
B 182.528	3	Lin, Calc Int	0.2	1218	0.00000	0.999999	
Ba 233.527	3	Lin, Calc Int	328.0	180500	0.00000	0.999982	
Be 313.107	3	Lin, Calc Int	-512.0	5296000	0.00000	0.999998	
Ca 315.886	3	Lin, Calc Int	-616.4	122300	0.00000	0.999999	
Cd 228.802	3	Lin, Calc Int	-57.4	83360	0.00000	0.999993	
Co 228.616	3	Lin, Calc Int	101.0	68030	0.00000	0.999986	
Cr 267.716	3	Lin, Calc Int	-89.4	135800	0.00000	0.999999	
Cu 324.752	3	Lin, Calc Int	-142.0	260900	0.00000	0.999999	
Fe 238.204	3	Lin, Calc Int	-968.9	120000	0.00000	0.999993	
Fe 234.349	3	Lin, Calc Int	-101.8	36450	0.00000	0.999999	
Mg 279.077	3	Lin, Calc Int	-123.4	18330	0.00000	0.999999	
Mn 257.610	3	Lin, Calc Int	1066.9	1024000	0.00000	0.999990	
Mo 202.031	3	Lin, Calc Int	-17.7	11620	0.00000	0.999991	
Na 330.237	3	Lin, Calc Int	-529.2	878.1	0.00000	0.999606	

Ni 231.604	3	Lin, Calc Int	33.3	51120	0.00000	0.999999
Pb 220.353	3	Lin, Calc Int	-17.1	8654	0.00000	0.999986
Sb 206.836	3	Lin, Calc Int	-2.3	4049	0.00000	0.999989
Se 196.026	3	Lin, Calc Int	-1.4	656.8	0.00000	0.999996
Sn 189.927	3	Lin, Calc Int	29.4	2554	0.00000	0.999769
Ti 337.279	3	Lin, Calc Int	-401.7	700500	0.00000	0.999994
Tl 190.801	3	Lin, Calc Int	-15.7	1036	0.00000	0.998391
V 292.402	3	Lin, Calc Int	-157.1	226300	0.00000	0.999999
Zn 213.857	3	Lin, Calc Int	71.1	94050	0.00000	0.999997

Sequence No.: 5

Sample ID: STD2

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/3/2006 1:22:01 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: STD2

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	Y 360.073	2463012.4	2463012.4	1.01	mg/L			13:23:34
1	Ag 328.068†	85585.2	84350.3	0.2499	mg/L	0.2499	mg/L	13:23:40
1	Al 237.313†	21958.6	21927.7	2.484	mg/L	2.484	mg/L	13:23:40
1	As 188.979†	405.4	411.6	0.4954	mg/L	0.4954	mg/L	13:24:00
1	B 182.528†	608.2	616.0	0.5057	mg/L	0.5057	mg/L	13:24:00
1	Ba 233.527†	92601.9	91419.6	0.5043	mg/L	0.5043	mg/L	13:23:40
1	Be 313.107†	272890.5	265492.3	0.0503	mg/L	0.0503	mg/L	13:23:34
1	Ca 315.886†	621211.9	613940.4	5.026	mg/L	5.026	mg/L	13:23:34
1	Cd 228.802†	21582.0	20806.9	0.2482	mg/L	0.2482	mg/L	13:23:40
1	Co 228.616†	34582.9	34350.1	0.5020	mg/L	0.5020	mg/L	13:23:40
1	Cr 267.716†	70990.4	67970.8	0.5012	mg/L	0.5012	mg/L	13:23:40
1	Cu 324.752†	134067.5	129808.5	0.4983	mg/L	0.4983	mg/L	13:23:40
1	Fe 238.204†	318914.1	298267.8	2.493	mg/L	2.493	mg/L	13:23:40
1	Fe 234.349†	97793.1	91169.3	2.500	mg/L	2.500	mg/L	13:23:40
1	Mg 279.077†	92918.8	91960.0	5.021	mg/L	5.021	mg/L	13:23:40
1	Mn 257.610†	528638.5	518287.0	0.5050	mg/L	0.5050	mg/L	13:23:34
1	Mo 202.031†	5920.0	5782.9	0.4995	mg/L	0.4995	mg/L	13:24:00
1	Na 330.237†	22252.1	20699.1	24.17	mg/L	24.17	mg/L	13:23:40
1	Ni 231.604†	26224.0	25676.2	0.5012	mg/L	0.5012	mg/L	13:23:40
1	Pb 220.353†	4354.5	4301.3	0.5012	mg/L	0.5012	mg/L	13:24:00
1	Sb 206.836†	2102.8	2022.5	0.4934	mg/L	0.4934	mg/L	13:24:00
1	Se 196.026†	656.4	666.5	1.017	mg/L	1.017	mg/L	13:24:00
1	Sn 189.927†	1453.4	1282.5	0.4917	mg/L	0.4917	mg/L	13:24:00
1	Ti 337.279†	357269.5	352017.8	0.5031	mg/L	0.5031	mg/L	13:23:34
1	Tl 190.801†	501.6	514.9	0.5118	mg/L	0.5118	mg/L	13:24:00
1	V 292.402†	116394.1	113255.8	0.5045	mg/L	0.5045	mg/L	13:23:40
1	Zn 213.857†	49337.9	47080.6	0.4967	mg/L	0.4967	mg/L	13:23:40
2	Y 360.073	2454452.5	2454452.5	1.01	mg/L			13:24:07
2	Ag 328.068†	86099.7	85155.6	0.2523	mg/L	0.2523	mg/L	13:24:12
2	Al 237.313†	22046.5	22090.7	2.502	mg/L	2.502	mg/L	13:24:12
2	As 188.979†	406.0	413.7	0.4979	mg/L	0.4979	mg/L	13:24:32
2	B 182.528†	605.6	615.5	0.5053	mg/L	0.5053	mg/L	13:24:32
2	Ba 233.527†	93169.6	92301.9	0.5092	mg/L	0.5092	mg/L	13:24:12
2	Be 313.107†	272050.0	265599.4	0.0503	mg/L	0.0503	mg/L	13:24:07
2	Ca 315.886†	619766.0	614647.5	5.032	mg/L	5.032	mg/L	13:24:07
2	Cd 228.802†	21683.2	20981.7	0.2502	mg/L	0.2502	mg/L	13:24:12
2	Co 228.616†	34789.0	34673.7	0.5067	mg/L	0.5067	mg/L	13:24:12
2	Cr 267.716†	71434.0	68655.5	0.5062	mg/L	0.5062	mg/L	13:24:12
2	Cu 324.752†	134968.9	131164.7	0.5035	mg/L	0.5035	mg/L	13:24:12
2	Fe 238.204†	320046.6	300490.3	2.512	mg/L	2.512	mg/L	13:24:12
2	Fe 234.349†	98128.3	91838.8	2.518	mg/L	2.518	mg/L	13:24:12
2	Mg 279.077†	93265.0	92623.6	5.058	mg/L	5.058	mg/L	13:24:12
2	Mn 257.610†	527142.9	518625.9	0.5053	mg/L	0.5053	mg/L	13:24:07
2	Mo 202.031†	5919.8	5803.1	0.5013	mg/L	0.5013	mg/L	13:24:32
2	Na 330.237†	22434.9	20957.2	24.46	mg/L	24.46	mg/L	13:24:12
2	Ni 231.604†	26333.9	25875.6	0.5051	mg/L	0.5051	mg/L	13:24:12
2	Pb 220.353†	4330.5	4292.4	0.5002	mg/L	0.5002	mg/L	13:24:32
2	Sb 206.836†	2098.8	2025.8	0.4941	mg/L	0.4941	mg/L	13:24:32
2	Se 196.026†	653.1	665.5	1.016	mg/L	1.016	mg/L	13:24:32
2	Sn 189.927†	1462.6	1296.6	0.4973	mg/L	0.4973	mg/L	13:24:32

2	Ti 337.279†	355616.9	351610.3	0.5025 mg/L	0.5025 mg/L	13:24:07
2	Tl 190.801†	512.6	527.5	0.5240 mg/L	0.5240 mg/L	13:24:32
2	V 292.402†	117088.3	114345.6	0.5093 mg/L	0.5093 mg/L	13:24:12
2	Zn 213.857†	49587.8	47498.5	0.5011 mg/L	0.5011 mg/L	13:24:12

Mean Data: STD2

Analyte	Mean Corrected Intensity	Conc. Units	Calib	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2458732.5	1.01 mg/L		0.002			0.25%
Ag 328.068†	84752.9	0.2511 mg/L		0.00168	0.2511 mg/L	0.00168	0.67%
QC value within limits for Ag 328.068		Recovery = 100.43%					
Al 237.313†	22009.2	2.493 mg/L		0.0130	2.493 mg/L	0.0130	0.52%
QC value within limits for Al 237.313		Recovery = 99.73%					
As 188.979†	412.6	0.4967 mg/L		0.00173	0.4967 mg/L	0.00173	0.35%
QC value within limits for As 188.979		Recovery = 99.33%					
B 182.528†	615.7	0.5055 mg/L		0.00029	0.5055 mg/L	0.00029	0.06%
QC value within limits for B 182.528		Recovery = 101.09%					
Ba 233.527†	91860.8	0.5068 mg/L		0.00345	0.5068 mg/L	0.00345	0.68%
QC value within limits for Ba 233.527		Recovery = 101.36%					
Be 313.107†	265545.8	0.0503 mg/L		0.00001	0.0503 mg/L	0.00001	0.03%
QC value within limits for Be 313.107		Recovery = 100.53%					
Ca 315.886†	614293.9	5.029 mg/L		0.0041	5.029 mg/L	0.0041	0.08%
QC value within limits for Ca 315.886		Recovery = 100.58%					
Cd 228.802†	20894.3	0.2492 mg/L		0.00147	0.2492 mg/L	0.00147	0.59%
QC value within limits for Cd 228.802		Recovery = 99.68%					
Co 228.616†	34511.9	0.5044 mg/L		0.00336	0.5044 mg/L	0.00336	0.67%
QC value within limits for Co 228.616		Recovery = 100.87%					
Cr 267.716†	68313.1	0.5037 mg/L		0.00357	0.5037 mg/L	0.00357	0.71%
QC value within limits for Cr 267.716		Recovery = 100.73%					
Cu 324.752†	130486.6	0.5009 mg/L		0.00368	0.5009 mg/L	0.00368	0.73%
QC value within limits for Cu 324.752		Recovery = 100.18%					
Fe 238.204†	299379.0	2.503 mg/L		0.0131	2.503 mg/L	0.0131	0.52%
QC value within limits for Fe 238.204		Recovery = 100.11%					
Fe 234.349†	91504.0	2.509 mg/L		0.0130	2.509 mg/L	0.0130	0.52%
QC value within limits for Fe 234.349		Recovery = 100.35%					
Mg 279.077†	92291.8	5.039 mg/L		0.0256	5.039 mg/L	0.0256	0.51%
QC value within limits for Mg 279.077		Recovery = 100.79%					
Mn 257.610†	518456.5	0.5051 mg/L		0.00023	0.5051 mg/L	0.00023	0.05%
QC value within limits for Mn 257.610		Recovery = 101.03%					
Mo 202.031†	5793.0	0.5004 mg/L		0.00123	0.5004 mg/L	0.00123	0.25%
QC value within limits for Mo 202.031		Recovery = 100.08%					
Na 330.237†	20828.1	24.32 mg/L		0.208	24.32 mg/L	0.208	0.85%
QC value within limits for Na 330.237		Recovery = 97.27%					
Ni 231.604†	25775.9	0.5032 mg/L		0.00276	0.5032 mg/L	0.00276	0.55%
QC value within limits for Ni 231.604		Recovery = 100.64%					
Pb 220.353†	4296.8	0.5007 mg/L		0.00072	0.5007 mg/L	0.00072	0.14%
QC value within limits for Pb 220.353		Recovery = 100.14%					
Sb 206.836†	2024.1	0.4937 mg/L		0.00053	0.4937 mg/L	0.00053	0.11%
QC value within limits for Sb 206.836		Recovery = 98.75%					
Se 196.026†	666.0	1.016 mg/L		0.0010	1.016 mg/L	0.0010	0.10%
QC value within limits for Se 196.026		Recovery = 101.63%					
Sn 189.927†	1289.5	0.4945 mg/L		0.00391	0.4945 mg/L	0.00391	0.79%
QC value within limits for Sn 189.927		Recovery = 98.90%					
Ti 337.279†	351814.1	0.5028 mg/L		0.00041	0.5028 mg/L	0.00041	0.08%
QC value within limits for Ti 337.279		Recovery = 100.56%					
Tl 190.801†	521.2	0.5179 mg/L		0.00858	0.5179 mg/L	0.00858	1.66%
QC value within limits for Tl 190.801		Recovery = 103.58%					
V 292.402†	113800.7	0.5069 mg/L		0.00343	0.5069 mg/L	0.00343	0.68%
QC value within limits for V 292.402		Recovery = 101.38%					
Zn 213.857†	47289.5	0.4989 mg/L		0.00312	0.4989 mg/L	0.00312	0.63%
QC value within limits for Zn 213.857		Recovery = 99.78%					

All analyte(s) passed QC.

Sequence No.: 6
Sample ID: ICV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/3/2006 1:26:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: ICV

Repl#	Analyte	Net		Corrected		Calib.		Sample		Analysis Time
		Intensity	Conc.	Intensity	Conc.	Units	Conc.	Units		
1	Y 360.073	2473744.7	1.02 mg/L	2473744.7	1.02 mg/L					13:27:44
1	Ag 328.068†	85048.9	0.2472 mg/L	83455.5	0.2472 mg/L		0.2472 mg/L			13:27:50
1	Al 237.313†	21485.0	2.420 mg/L	21367.6	2.420 mg/L		2.420 mg/L			13:27:50
1	As 188.979†	386.2	0.4696 mg/L	391.0	0.4696 mg/L		0.4696 mg/L			13:28:10
1	B 182.528†	598.9	0.4960 mg/L	604.2	0.4960 mg/L		0.4960 mg/L			13:28:10
1	Ba 233.527†	90017.7	0.4881 mg/L	88479.4	0.4881 mg/L		0.4881 mg/L			13:27:50
1	Be 313.107†	272886.4	0.0500 mg/L	264318.1	0.0500 mg/L		0.0500 mg/L			13:27:44
1	Ca 315.886†	617914.3	4.978 mg/L	608031.3	4.978 mg/L		4.978 mg/L			13:27:44
1	Cd 228.802†	21467.5	0.2458 mg/L	20601.7	0.2458 mg/L		0.2458 mg/L			13:27:50
1	Co 228.616†	33858.1	0.4897 mg/L	33488.5	0.4897 mg/L		0.4897 mg/L			13:27:50
1	Cr 267.716†	70256.1	0.4936 mg/L	66943.7	0.4936 mg/L		0.4936 mg/L			13:27:50
1	Cu 324.752†	132665.5	0.4907 mg/L	127853.9	0.4907 mg/L		0.4907 mg/L			13:27:50
1	Fe 238.204†	316928.8	2.466 mg/L	294946.4	2.466 mg/L		2.466 mg/L			13:27:50
1	Fe 234.349†	97322.0	2.475 mg/L	90286.4	2.475 mg/L		2.475 mg/L			13:27:50
1	Mg 279.077†	90215.6	4.854 mg/L	88901.2	4.854 mg/L		4.854 mg/L			13:27:50
1	Mn 257.610†	523118.7	0.4975 mg/L	510588.1	0.4975 mg/L		0.4975 mg/L			13:27:44
1	Mo 202.031†	5821.9	0.4890 mg/L	5661.0	0.4890 mg/L		0.4890 mg/L			13:28:10
1	Na 330.237†	21888.7	23.65 mg/L	20246.1	23.65 mg/L		23.65 mg/L			13:27:50
1	Ni 231.604†	26034.2	0.4954 mg/L	25377.0	0.4954 mg/L		0.4954 mg/L			13:27:50
1	Pb 220.353†	4250.2	0.4870 mg/L	4179.9	0.4870 mg/L		0.4870 mg/L			13:28:10
1	Sb 206.836†	2004.0	0.4672 mg/L	1916.2	0.4672 mg/L		0.4672 mg/L			13:28:10
1	Se 196.026†	643.0	0.9926 mg/L	650.5	0.9926 mg/L		0.9926 mg/L			13:28:10
1	Sn 189.927†	1445.5	0.4858 mg/L	1268.5	0.4858 mg/L		0.4858 mg/L			13:28:10
1	Ti 337.279†	217083.4	0.3040 mg/L	212527.1	0.3040 mg/L		0.3040 mg/L			13:27:50
1	Tl 190.801†	492.3	0.5005 mg/L	503.6	0.5005 mg/L		0.5005 mg/L			13:28:10
1	V 292.402†	113851.6	0.4913 mg/L	110254.7	0.4913 mg/L		0.4913 mg/L			13:27:50
1	Zn 213.857†	48869.1	0.4894 mg/L	46407.7	0.4894 mg/L		0.4894 mg/L			13:27:50
2	Y 360.073	2474825.1	1.02 mg/L	2474825.1	1.02 mg/L					13:28:17
2	Ag 328.068†	85077.7	0.2472 mg/L	83447.3	0.2472 mg/L		0.2472 mg/L			13:28:22
2	Al 237.313†	21505.0	2.422 mg/L	21378.0	2.422 mg/L		2.422 mg/L			13:28:22
2	As 188.979†	389.8	0.4736 mg/L	394.4	0.4736 mg/L		0.4736 mg/L			13:28:42
2	B 182.528†	598.1	0.4952 mg/L	603.2	0.4952 mg/L		0.4952 mg/L			13:28:42
2	Ba 233.527†	90114.0	0.4884 mg/L	88535.5	0.4884 mg/L		0.4884 mg/L			13:28:22
2	Be 313.107†	273800.7	0.0502 mg/L	265100.3	0.0502 mg/L		0.0502 mg/L			13:28:17
2	Ca 315.886†	620676.7	4.998 mg/L	610483.1	4.998 mg/L		4.998 mg/L			13:28:17
2	Cd 228.802†	21507.6	0.2462 mg/L	20631.9	0.2462 mg/L		0.2462 mg/L			13:28:22
2	Co 228.616†	33900.6	0.4901 mg/L	33515.7	0.4901 mg/L		0.4901 mg/L			13:28:22
2	Cr 267.716†	70167.8	0.4927 mg/L	66826.7	0.4927 mg/L		0.4927 mg/L			13:28:22
2	Cu 324.752†	132352.1	0.4893 mg/L	127488.6	0.4893 mg/L		0.4893 mg/L			13:28:22
2	Fe 238.204†	316656.9	2.462 mg/L	294542.8	2.462 mg/L		2.462 mg/L			13:28:22
2	Fe 234.349†	97136.5	2.469 mg/L	90062.1	2.469 mg/L		2.469 mg/L			13:28:22
2	Mg 279.077†	90063.3	4.844 mg/L	88712.6	4.844 mg/L		4.844 mg/L			13:28:22
2	Mn 257.610†	524474.5	0.4985 mg/L	511697.0	0.4985 mg/L		0.4985 mg/L			13:28:17
2	Mo 202.031†	5819.9	0.4886 mg/L	5656.5	0.4886 mg/L		0.4886 mg/L			13:28:42
2	Na 330.237†	21936.6	23.69 mg/L	20283.8	23.69 mg/L		23.69 mg/L			13:28:22
2	Ni 231.604†	25908.2	0.4927 mg/L	25241.8	0.4927 mg/L		0.4927 mg/L			13:28:22
2	Pb 220.353†	4272.6	0.4893 mg/L	4200.1	0.4893 mg/L		0.4893 mg/L			13:28:42
2	Sb 206.836†	2015.4	0.4698 mg/L	1926.7	0.4698 mg/L		0.4698 mg/L			13:28:42
2	Se 196.026†	642.0	0.9907 mg/L	649.3	0.9907 mg/L		0.9907 mg/L			13:28:42
2	Sn 189.927†	1449.9	0.4872 mg/L	1272.2	0.4872 mg/L		0.4872 mg/L			13:28:42
2	Ti 337.279†	218220.3	0.3054 mg/L	213552.2	0.3054 mg/L		0.3054 mg/L			13:28:22
2	Tl 190.801†	502.1	0.5096 mg/L	513.0	0.5096 mg/L		0.5096 mg/L			13:28:42
2	V 292.402†	113870.0	0.4912 mg/L	110223.8	0.4912 mg/L		0.4912 mg/L			13:28:22
2	Zn 213.857†	48938.1	0.4899 mg/L	46454.5	0.4899 mg/L		0.4899 mg/L			13:28:22

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2474284.9	1.02 mg/L	0.000			0.03%
Ag 328.068†	83451.4	0.2472 mg/L	0.00002	0.2472 mg/L	0.00002	0.01%
QC value within limits for Ag 328.068 Recovery = 98.89%						
Al 237.313†	21372.8	2.421 mg/L	0.0009	2.421 mg/L	0.0009	0.04%
QC value within limits for Al 237.313 Recovery = 96.84%						
As 188.979†	392.7	0.4716 mg/L	0.00288	0.4716 mg/L	0.00288	0.61%
QC value within limits for As 188.979 Recovery = 94.32%						
B 182.528†	603.7	0.4956 mg/L	0.00060	0.4956 mg/L	0.00060	0.12%

QC value within limits for B 182.528 Recovery = 99.12%							
Ba	233.527†	88507.5	0.4882 mg/L	0.00022	0.4882 mg/L	0.00022	0.05%
QC value within limits for Ba 233.527 Recovery = 97.64%							
Be	313.107†	264709.2	0.0501 mg/L	0.00010	0.0501 mg/L	0.00010	0.21%
QC value within limits for Be 313.107 Recovery = 100.23%							
Ca	315.886†	609257.2	4.988 mg/L	0.0142	4.988 mg/L	0.0142	0.28%
QC value within limits for Ca 315.886 Recovery = 99.75%							
Cd	228.802†	20616.8	0.2460 mg/L	0.00025	0.2460 mg/L	0.00025	0.10%
QC value within limits for Cd 228.802 Recovery = 98.40%							
Co	228.616†	33502.1	0.4899 mg/L	0.00028	0.4899 mg/L	0.00028	0.06%
QC value within limits for Co 228.616 Recovery = 97.99%							
Cr	267.716†	66885.2	0.4932 mg/L	0.00061	0.4932 mg/L	0.00061	0.12%
QC value within limits for Cr 267.716 Recovery = 98.63%							
Cu	324.752†	127671.3	0.4900 mg/L	0.00099	0.4900 mg/L	0.00099	0.20%
QC value within limits for Cu 324.752 Recovery = 98.00%							
Fe	238.204†	294744.6	2.464 mg/L	0.0024	2.464 mg/L	0.0024	0.10%
QC value within limits for Fe 238.204 Recovery = 98.56%							
Fe	234.349†	90174.2	2.472 mg/L	0.0043	2.472 mg/L	0.0043	0.18%
QC value within limits for Fe 234.349 Recovery = 98.89%							
Mg	279.077†	88806.9	4.849 mg/L	0.0073	4.849 mg/L	0.0073	0.15%
QC value within limits for Mg 279.077 Recovery = 96.99%							
Mn	257.610†	511142.5	0.4980 mg/L	0.00077	0.4980 mg/L	0.00077	0.15%
QC value within limits for Mn 257.610 Recovery = 99.60%							
Mo	202.031†	5658.7	0.4888 mg/L	0.00027	0.4888 mg/L	0.00027	0.06%
QC value within limits for Mo 202.031 Recovery = 97.77%							
Na	330.237†	20265.0	23.67 mg/L	0.030	23.67 mg/L	0.030	0.13%
QC value within limits for Na 330.237 Recovery = 94.69%							
Ni	231.604†	25309.4	0.4941 mg/L	0.00187	0.4941 mg/L	0.00187	0.38%
QC value within limits for Ni 231.604 Recovery = 98.81%							
Pb	220.353†	4190.0	0.4882 mg/L	0.00165	0.4882 mg/L	0.00165	0.34%
QC value within limits for Pb 220.353 Recovery = 97.63%							
Sb	206.836†	1921.4	0.4685 mg/L	0.00183	0.4685 mg/L	0.00183	0.39%
QC value within limits for Sb 206.836 Recovery = 93.70%							
Se	196.026†	649.9	0.9916 mg/L	0.00134	0.9916 mg/L	0.00134	0.14%
QC value within limits for Se 196.026 Recovery = 99.16%							
Sn	189.927†	1270.4	0.4865 mg/L	0.00102	0.4865 mg/L	0.00102	0.21%
QC value within limits for Sn 189.927 Recovery = 97.30%							
Ti	337.279†	213039.7	0.3047 mg/L	0.00103	0.3047 mg/L	0.00103	0.34%
QC value less than the lower limit for Ti 337.279 Recovery = 60.94%							
Tl	190.801†	508.3	0.5050 mg/L	0.00642	0.5050 mg/L	0.00642	1.27%
QC value within limits for Tl 190.801 Recovery = 101.01%							
V	292.402†	110239.2	0.4913 mg/L	0.00010	0.4913 mg/L	0.00010	0.02%
QC value within limits for V 292.402 Recovery = 98.25%							
Zn	213.857†	46431.1	0.4897 mg/L	0.00037	0.4897 mg/L	0.00037	0.07%
QC value within limits for Zn 213.857 Recovery = 97.93%							
QC Failed. Continue with analysis.							

Sequence No.: 7
 Sample ID: ICCB
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 1
 Date Collected: 8/3/2006 1:30:21 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

 Replicate Data: ICCB

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	Y 360.073	2429215.1	2429215.1	0.998	mg/L			13:31:52
1	Ag 328.068†	188.0	-53.7	0.0004	mg/L	0.0004	mg/L	13:31:58
1	Al 237.313†	-202.8	20.7	0.0092	mg/L	0.0092	mg/L	13:32:18
1	As 188.979†	-8.4	2.5	0.0036	mg/L	0.0036	mg/L	13:32:18
1	B 182.528†	-4.9	9.9	0.0080	mg/L	0.0080	mg/L	13:32:18
1	Ba 233.527†	108.4	0.7	-0.0018	mg/L	-0.0018	mg/L	13:32:18
1	Be 313.107†	4231.2	7.9	0.0001	mg/L	0.0001	mg/L	13:31:52
1	Ca 315.886†	-68.9	-134.1	0.0040	mg/L	0.0040	mg/L	13:31:58
1	Cd 228.802†	524.9	1.3	0.0007	mg/L	0.0007	mg/L	13:32:18
1	Co 228.616†	-177.4	-9.4	-0.0016	mg/L	-0.0016	mg/L	13:32:18
1	Cr 267.716†	2101.7	-89.9	0.0000	mg/L	0.0000	mg/L	13:32:18
1	Cu 324.752†	2920.9	223.5	0.0014	mg/L	0.0014	mg/L	13:31:58
1	Fe 238.204†	13217.3	-3701.0	-0.0228	mg/L	-0.0228	mg/L	13:31:58

1	Fe 234.349†	4328.2	-1151.8	-0.0288 mg/L	-0.0288 mg/L	13:31:58
1	Mg 279.077†	-129.4	-10.6	0.0062 mg/L	0.0062 mg/L	13:32:18
1	Mn 257.610†	3307.6	-904.0	-0.0019 mg/L	-0.0019 mg/L	13:31:58
1	Mo 202.031†	87.3	19.0	0.0032 mg/L	0.0032 mg/L	13:32:18
1	Na 330.237†	1238.8	-53.4	0.5421 mg/L	0.5421 mg/L	13:31:58
1	Ni 231.604†	198.3	-44.8	-0.0015 mg/L	-0.0015 mg/L	13:32:18
1	Pb 220.353†	3.4	0.7	0.0021 mg/L	0.0021 mg/L	13:32:18
1	Sb 206.836†	41.8	-14.0	-0.0029 mg/L	-0.0029 mg/L	13:32:18
1	Se 196.026†	-15.7	2.0	0.0052 mg/L	0.0052 mg/L	13:32:18
1	Sn 189.927†	150.8	-2.9	-0.0126 mg/L	-0.0126 mg/L	13:32:18
1	Ti 337.279†	1145.2	40.7	0.0006 mg/L	0.0006 mg/L	13:31:58
1	Tl 190.801†	41.9	61.0	0.0740 mg/L	0.0740 mg/L	13:32:18
1	V 292.402†	1732.8	-51.5	0.0005 mg/L	0.0005 mg/L	13:31:58
1	Zn 213.857†	1570.1	-111.5	-0.0019 mg/L	-0.0019 mg/L	13:32:18
2	Y 360.073	2427811.5	2427811.5	0.997 mg/L		13:32:24
2	Ag 328.068†	206.9	-34.6	0.0005 mg/L	0.0005 mg/L	13:32:29
2	Al 237.313†	-219.1	4.2	0.0073 mg/L	0.0073 mg/L	13:32:49
2	As 188.979†	-10.2	0.8	0.0015 mg/L	0.0015 mg/L	13:32:49
2	B 182.528†	-2.3	12.5	0.0102 mg/L	0.0102 mg/L	13:32:49
2	Ba 233.527†	110.6	2.9	-0.0018 mg/L	-0.0018 mg/L	13:32:49
2	Be 313.107†	4074.6	-146.6	0.0001 mg/L	0.0001 mg/L	13:32:24
2	Ca 315.886†	-28.6	-93.6	0.0043 mg/L	0.0043 mg/L	13:32:29
2	Cd 228.802†	519.9	-3.4	0.0006 mg/L	0.0006 mg/L	13:32:49
2	Co 228.616†	-161.6	6.3	-0.0014 mg/L	-0.0014 mg/L	13:32:49
2	Cr 267.716†	2092.8	-97.6	-0.0001 mg/L	-0.0001 mg/L	13:32:49
2	Cu 324.752†	2899.9	204.2	0.0013 mg/L	0.0013 mg/L	13:32:29
2	Fe 238.204†	13341.5	-3568.8	-0.0217 mg/L	-0.0217 mg/L	13:32:29
2	Fe 234.349†	4408.0	-1069.2	-0.0265 mg/L	-0.0265 mg/L	13:32:29
2	Mg 279.077†	-161.5	-42.8	0.0044 mg/L	0.0044 mg/L	13:32:49
2	Mn 257.610†	3187.6	-1022.5	-0.0020 mg/L	-0.0020 mg/L	13:32:29
2	Mo 202.031†	93.0	24.8	0.0037 mg/L	0.0037 mg/L	13:32:49
2	Na 330.237†	1237.3	-54.1	0.5412 mg/L	0.5412 mg/L	13:32:29
2	Ni 231.604†	193.1	-49.9	-0.0016 mg/L	-0.0016 mg/L	13:32:49
2	Pb 220.353†	4.6	1.8	0.0022 mg/L	0.0022 mg/L	13:32:49
2	Sb 206.836†	42.7	-13.0	-0.0027 mg/L	-0.0027 mg/L	13:32:49
2	Se 196.026†	-12.3	5.4	0.0103 mg/L	0.0103 mg/L	13:32:49
2	Sn 189.927†	131.0	-22.8	-0.0204 mg/L	-0.0204 mg/L	13:32:49
2	Ti 337.279†	1177.3	73.5	0.0007 mg/L	0.0007 mg/L	13:32:29
2	Tl 190.801†	40.2	59.4	0.0724 mg/L	0.0724 mg/L	13:32:49
2	V 292.402†	1701.9	-81.4	0.0003 mg/L	0.0003 mg/L	13:32:29
2	Zn 213.857†	1583.4	-97.2	-0.0018 mg/L	-0.0018 mg/L	13:32:49

Mean Data: ICCB

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2428513.3	0.998 mg/L	0.0004			0.04%
Ag 328.068†	-44.1	0.0004 mg/L	0.00004	0.0004 mg/L	0.00004	9.33%
QC value within limits for Ag 328.068 Recovery = Not calculated						
Al 237.313†	12.4	0.0083 mg/L	0.00134	0.0083 mg/L	0.00134	16.12%
QC value within limits for Al 237.313 Recovery = Not calculated						
As 188.979†	1.6	0.0026 mg/L	0.00152	0.0026 mg/L	0.00152	58.93%
QC value within limits for As 188.979 Recovery = Not calculated						
B 182.528†	11.2	0.0091 mg/L	0.00151	0.0091 mg/L	0.00151	16.64%
QC value within limits for B 182.528 Recovery = Not calculated						
Ba 233.527†	1.8	-0.0018 mg/L	0.00001	-0.0018 mg/L	0.00001	0.49%
QC value within limits for Ba 233.527 Recovery = Not calculated						
Be 313.107†	-69.4	0.0001 mg/L	0.00002	0.0001 mg/L	0.00002	24.71%
QC value within limits for Be 313.107 Recovery = Not calculated						
Ca 315.886†	-113.9	0.0041 mg/L	0.00023	0.0041 mg/L	0.00023	5.67%
QC value within limits for Ca 315.886 Recovery = Not calculated						
Cd 228.802†	-1.0	0.0007 mg/L	0.00004	0.0007 mg/L	0.00004	5.24%
QC value within limits for Cd 228.802 Recovery = Not calculated						
Co 228.616†	-1.6	-0.0015 mg/L	0.00016	-0.0015 mg/L	0.00016	10.86%
QC value within limits for Co 228.616 Recovery = Not calculated						
Cr 267.716†	-93.7	0.0000 mg/L	0.00004	0.0000 mg/L	0.00004	121.71%
QC value within limits for Cr 267.716 Recovery = Not calculated						
Cu 324.752†	213.8	0.0014 mg/L	0.00005	0.0014 mg/L	0.00005	3.85%
QC value within limits for Cu 324.752 Recovery = Not calculated						
Fe 238.204†	-3634.9	-0.0222 mg/L	0.00078	-0.0222 mg/L	0.00078	3.50%
QC value within limits for Fe 238.204 Recovery = Not calculated						

Fe 234.349†	-1110.5	-0.0277 mg/L	0.00160	-0.0277 mg/L	0.00160	5.79%
QC value within limits for Fe 234.349 Recovery = Not calculated						
Mg 279.077†	-26.7	0.0053 mg/L	0.00125	0.0053 mg/L	0.00125	23.42%
QC value within limits for Mg 279.077 Recovery = Not calculated						
Mn 257.610†	-963.3	-0.0020 mg/L	0.00008	-0.0020 mg/L	0.00008	4.12%
QC value within limits for Mn 257.610 Recovery = Not calculated						
Mo 202.031†	21.9	0.0034 mg/L	0.00035	0.0034 mg/L	0.00035	10.34%
QC value within limits for Mo 202.031 Recovery = Not calculated						
Na 330.237†	-53.7	0.5416 mg/L	0.00060	0.5416 mg/L	0.00060	0.11%
QC value within limits for Na 330.237 Recovery = Not calculated						
Ni 231.604†	-47.4	-0.0016 mg/L	0.00007	-0.0016 mg/L	0.00007	4.46%
QC value within limits for Ni 231.604 Recovery = Not calculated						
Pb 220.353†	1.3	0.0021 mg/L	0.00009	0.0021 mg/L	0.00009	4.42%
QC value within limits for Pb 220.353 Recovery = Not calculated						
Sb 206.836†	-13.5	-0.0028 mg/L	0.00017	-0.0028 mg/L	0.00017	5.96%
QC value within limits for Sb 206.836 Recovery = Not calculated						
Se 196.026†	3.7	0.0078 mg/L	0.00363	0.0078 mg/L	0.00363	46.82%
QC value within limits for Se 196.026 Recovery = Not calculated						
Sn 189.927†	-12.8	-0.0165 mg/L	0.00548	-0.0165 mg/L	0.00548	33.19%
QC value within limits for Sn 189.927 Recovery = Not calculated						
Ti 337.279†	57.1	0.0007 mg/L	0.00003	0.0007 mg/L	0.00003	5.06%
QC value within limits for Ti 337.279 Recovery = Not calculated						
Tl 190.801†	60.2	0.0732 mg/L	0.00112	0.0732 mg/L	0.00112	1.53%
QC value greater than the upper limit for Tl 190.801 Recovery = Not calculated						
V 292.402†	-66.5	0.0004 mg/L	0.00009	0.0004 mg/L	0.00009	23.48%
QC value within limits for V 292.402 Recovery = Not calculated						
Zn 213.857†	-104.3	-0.0019 mg/L	0.00011	-0.0019 mg/L	0.00011	5.81%
QC value within limits for Zn 213.857 Recovery = Not calculated						
QC Failed. Continue with analysis.						

Sequence No.: 8
 Sample ID: CRI1
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 6
 Date Collected: 8/3/2006 1:34:26 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: CRI1

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2445427.2	2445427.2	1.00 mg/L		13:36:00
1	Ag 328.068†	8897.5	8615.4	0.0260 mg/L	0.0260 mg/L	13:36:05
1	Al 237.313†	2002.1	2217.0	0.2573 mg/L	0.2573 mg/L	13:36:25
1	As 188.979†	33.4	44.2	0.0537 mg/L	0.0537 mg/L	13:36:25
1	B 182.528†	57.2	71.8	0.0588 mg/L	0.0588 mg/L	13:36:25
1	Ba 233.527†	9635.5	9484.3	0.0507 mg/L	0.0507 mg/L	13:36:05
1	Be 313.107†	31238.8	26866.0	0.0052 mg/L	0.0052 mg/L	13:36:00
1	Ca 315.886†	62244.4	61899.8	0.5113 mg/L	0.5113 mg/L	13:36:05
1	Cd 228.802†	2591.4	2055.1	0.0251 mg/L	0.0251 mg/L	13:36:25
1	Co 228.616†	3327.7	3481.1	0.0495 mg/L	0.0495 mg/L	13:36:25
1	Cr 267.716†	9086.6	6849.7	0.0511 mg/L	0.0511 mg/L	13:36:05
1	Cu 324.752†	16217.3	13440.8	0.0521 mg/L	0.0521 mg/L	13:36:05
1	Fe 238.204†	44046.0	26901.4	0.2322 mg/L	0.2322 mg/L	13:36:05
1	Fe 234.349†	13798.8	8247.5	0.2286 mg/L	0.2286 mg/L	13:36:05
1	Mg 279.077†	9315.0	9392.2	0.5189 mg/L	0.5189 mg/L	13:36:05
1	Mn 257.610†	56649.4	52176.1	0.0499 mg/L	0.0499 mg/L	13:36:05
1	Mo 202.031†	677.9	606.5	0.0537 mg/L	0.0537 mg/L	13:36:25
1	Na 330.237†	3127.2	1818.3	2.673 mg/L	2.673 mg/L	13:36:05
1	Ni 231.604†	2848.2	2591.8	0.0500 mg/L	0.0500 mg/L	13:36:25
1	Pb 220.353†	442.2	437.5	0.0528 mg/L	0.0528 mg/L	13:36:25
1	Sb 206.836†	259.8	202.8	0.0499 mg/L	0.0499 mg/L	13:36:25
1	Se 196.026†	55.3	72.8	0.1130 mg/L	0.1130 mg/L	13:36:25
1	Sn 189.927†	269.7	114.4	0.0334 mg/L	0.0334 mg/L	13:36:25
1	Ti 337.279†	36658.9	35387.2	0.0511 mg/L	0.0511 mg/L	13:36:05
1	Tl 190.801†	48.8	67.6	0.0803 mg/L	0.0803 mg/L	13:36:25
1	V 292.402†	13423.0	11574.7	0.0522 mg/L	0.0522 mg/L	13:36:05
1	Zn 213.857†	6565.8	4851.3	0.0505 mg/L	0.0505 mg/L	13:36:05
2	Y 360.073	2462904.6	2462904.6	1.01 mg/L		13:36:31
2	Ag 328.068†	8771.7	8428.2	0.0255 mg/L	0.0255 mg/L	13:36:36
2	Al 237.313†	1998.3	2199.1	0.2553 mg/L	0.2553 mg/L	13:36:57

2	As 188.979†	31.9	42.5	0.0516 mg/L	0.0516 mg/L	13:36:57
2	B 182.528†	55.2	69.5	0.0569 mg/L	0.0569 mg/L	13:36:57
2	Ba 233.527†	9703.0	9482.9	0.0507 mg/L	0.0507 mg/L	13:36:36
2	Be 313.107†	31387.9	26792.7	0.0052 mg/L	0.0052 mg/L	13:36:31
2	Ca 315.886†	62477.5	61690.4	0.5096 mg/L	0.5096 mg/L	13:36:36
2	Cd 228.802†	2599.1	2044.4	0.0250 mg/L	0.0250 mg/L	13:36:57
2	Co 228.616†	3325.1	3455.0	0.0492 mg/L	0.0492 mg/L	13:36:57
2	Cr 267.716†	9078.0	6777.0	0.0506 mg/L	0.0506 mg/L	13:36:36
2	Cu 324.752†	16091.2	13201.5	0.0512 mg/L	0.0512 mg/L	13:36:36
2	Fe 238.204†	44371.9	26912.4	0.2323 mg/L	0.2323 mg/L	13:36:36
2	Fe 234.349†	13892.7	8242.8	0.2285 mg/L	0.2285 mg/L	13:36:36
2	Mg 279.077†	9275.3	9287.2	0.5132 mg/L	0.5132 mg/L	13:36:36
2	Mn 257.610†	56732.0	51857.5	0.0496 mg/L	0.0496 mg/L	13:36:36
2	Mo 202.031†	683.6	607.2	0.0538 mg/L	0.0538 mg/L	13:36:57
2	Na 330.237†	3135.1	1804.0	2.657 mg/L	2.657 mg/L	13:36:36
2	Ni 231.604†	2821.1	2545.0	0.0491 mg/L	0.0491 mg/L	13:36:57
2	Pb 220.353†	445.4	437.5	0.0528 mg/L	0.0528 mg/L	13:36:57
2	Sb 206.836†	252.6	193.8	0.0477 mg/L	0.0477 mg/L	13:36:57
2	Se 196.026†	52.2	69.3	0.1077 mg/L	0.1077 mg/L	13:36:57
2	Sn 189.927†	260.3	103.3	0.0291 mg/L	0.0291 mg/L	13:36:57
2	Ti 337.279†	36517.7	34988.6	0.0505 mg/L	0.0505 mg/L	13:36:36
2	Tl 190.801†	49.7	68.2	0.0809 mg/L	0.0809 mg/L	13:36:57
2	V 292.402†	13277.3	11335.8	0.0511 mg/L	0.0511 mg/L	13:36:36
2	Zn 213.857†	6528.2	4767.8	0.0496 mg/L	0.0496 mg/L	13:36:36

Mean Data: CRI1

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2454165.9	1.01 mg/L	0.005			0.50%
Ag 328.068†	8521.8	0.0257 mg/L	0.00039	0.0257 mg/L	0.00039	1.52%
QC value within limits for Ag 328.068		Recovery = 102.99%				
Al 237.313†	2208.1	0.2563 mg/L	0.00144	0.2563 mg/L	0.00144	0.56%
QC value within limits for Al 237.313		Recovery = 102.52%				
As 188.979†	43.3	0.0527 mg/L	0.00147	0.0527 mg/L	0.00147	2.79%
QC value within limits for As 188.979		Recovery = 105.34%				
B 182.528†	70.6	0.0578 mg/L	0.00133	0.0578 mg/L	0.00133	2.31%
QC value within limits for B 182.528		Recovery = 115.68%				
Ba 233.527†	9483.6	0.0507 mg/L	0.00000	0.0507 mg/L	0.00000	0.01%
QC value within limits for Ba 233.527		Recovery = 101.38%				
Be 313.107†	26829.4	0.0052 mg/L	0.00001	0.0052 mg/L	0.00001	0.19%
QC value within limits for Be 313.107		Recovery = 103.31%				
Ca 315.886†	61795.1	0.5104 mg/L	0.00121	0.5104 mg/L	0.00121	0.24%
QC value within limits for Ca 315.886		Recovery = 102.08%				
Cd 228.802†	2049.7	0.0251 mg/L	0.00009	0.0251 mg/L	0.00009	0.34%
QC value within limits for Cd 228.802		Recovery = 100.22%				
Co 228.616†	3468.1	0.0493 mg/L	0.00027	0.0493 mg/L	0.00027	0.55%
QC value within limits for Co 228.616		Recovery = 98.69%				
Cr 267.716†	6813.4	0.0508 mg/L	0.00038	0.0508 mg/L	0.00038	0.74%
QC value within limits for Cr 267.716		Recovery = 101.65%				
Cu 324.752†	13321.2	0.0516 mg/L	0.00065	0.0516 mg/L	0.00065	1.26%
QC value within limits for Cu 324.752		Recovery = 103.25%				
Fe 238.204†	26906.9	0.2323 mg/L	0.00006	0.2323 mg/L	0.00006	0.03%
QC value within limits for Fe 238.204		Recovery = 92.92%				
Fe 234.349†	8245.2	0.2286 mg/L	0.00009	0.2286 mg/L	0.00009	0.04%
QC value within limits for Fe 234.349		Recovery = 91.42%				
Mg 279.077†	9339.7	0.5161 mg/L	0.00405	0.5161 mg/L	0.00405	0.79%
QC value within limits for Mg 279.077		Recovery = 103.22%				
Mn 257.610†	52016.8	0.0497 mg/L	0.00022	0.0497 mg/L	0.00022	0.44%
QC value within limits for Mn 257.610		Recovery = 99.48%				
Mo 202.031†	606.8	0.0538 mg/L	0.00005	0.0538 mg/L	0.00005	0.09%
QC value within limits for Mo 202.031		Recovery = 107.56%				
Na 330.237†	1811.2	2.665 mg/L	0.0115	2.665 mg/L	0.0115	0.43%
QC value within limits for Na 330.237		Recovery = 106.59%				
Ni 231.604†	2568.4	0.0496 mg/L	0.00065	0.0496 mg/L	0.00065	1.31%
QC value within limits for Ni 231.604		Recovery = 99.11%				
Pb 220.353†	437.5	0.0528 mg/L	0.00000	0.0528 mg/L	0.00000	0.00%
QC value within limits for Pb 220.353		Recovery = 105.51%				
Sb 206.836†	198.3	0.0488 mg/L	0.00156	0.0488 mg/L	0.00156	3.20%
QC value within limits for Sb 206.836		Recovery = 97.68%				
Se 196.026†	71.1	0.1104 mg/L	0.00373	0.1104 mg/L	0.00373	3.38%

QC value within limits for Se 196.026 Recovery = 110.35%
 Sn 189.927† 108.8 0.0312 mg/L 0.00308 0.0312 mg/L 0.00308 9.87%
 QC value less than the lower limit for Sn 189.927 Recovery = 62.46%
 Ti 337.279† 35187.9 0.0508 mg/L 0.00040 0.0508 mg/L 0.00040 0.79%
 QC value within limits for Ti 337.279 Recovery = 101.61%
 Tl 190.801† 67.9 0.0806 mg/L 0.00041 0.0806 mg/L 0.00041 0.50%
 QC value greater than the upper limit for Tl 190.801 Recovery = 161.24%
 V 292.402† 11455.3 0.0516 mg/L 0.00075 0.0516 mg/L 0.00075 1.45%
 QC value within limits for V 292.402 Recovery = 103.30%
 Zn 213.857† 4809.5 0.0501 mg/L 0.00062 0.0501 mg/L 0.00062 1.25%
 QC value within limits for Zn 213.857 Recovery = 100.14%
 QC Failed. Continue with analysis.

Sequence No.: 9
 Sample ID: CRI2
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 7
 Date Collected: 8/3/2006 1:38:35 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: CRI2

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2448689.0	2448689.0	1.01 mg/L		13:40:10
1	Ag 328.068†	3494.8	3232.3	0.0101 mg/L	0.0101 mg/L	13:40:15
1	Al 237.313†	645.7	865.8	0.1047 mg/L	0.1047 mg/L	13:40:35
1	As 188.979†	6.2	17.1	0.0212 mg/L	0.0212 mg/L	13:40:35
1	B 182.528†	12.6	27.4	0.0223 mg/L	0.0223 mg/L	13:40:35
1	Ba 233.527†	3759.3	3629.4	0.0183 mg/L	0.0183 mg/L	13:40:35
1	Be 313.107†	14746.5	10428.2	0.0021 mg/L	0.0021 mg/L	13:40:10
1	Ca 315.886†	24442.4	24235.2	0.2032 mg/L	0.2032 mg/L	13:40:15
1	Cd 228.802†	1315.7	783.3	0.0100 mg/L	0.0100 mg/L	13:40:35
1	Co 228.616†	1193.8	1355.2	0.0184 mg/L	0.0184 mg/L	13:40:35
1	Cr 267.716†	4797.7	2573.7	0.0196 mg/L	0.0196 mg/L	13:40:15
1	Cu 324.752†	7962.1	5212.1	0.0205 mg/L	0.0205 mg/L	13:40:15
1	Fe 238.204†	24579.1	7489.3	0.0705 mg/L	0.0705 mg/L	13:40:15
1	Fe 234.349†	7828.6	2293.8	0.0656 mg/L	0.0656 mg/L	13:40:15
1	Mg 279.077†	3520.8	3619.3	0.2042 mg/L	0.2042 mg/L	13:40:15
1	Mn 257.610†	24424.6	20063.6	0.0185 mg/L	0.0185 mg/L	13:40:15
1	Mo 202.031†	310.8	240.6	0.0222 mg/L	0.0222 mg/L	13:40:35
1	Na 330.237†	1938.1	632.0	1.322 mg/L	1.322 mg/L	13:40:15
1	Ni 231.604†	1201.2	950.6	0.0179 mg/L	0.0179 mg/L	13:40:35
1	Pb 220.353†	171.9	168.1	0.0215 mg/L	0.0215 mg/L	13:40:35
1	Sb 206.836†	132.9	76.3	0.0191 mg/L	0.0191 mg/L	13:40:35
1	Se 196.026†	9.2	26.9	0.0431 mg/L	0.0431 mg/L	13:40:35
1	Sn 189.927†	176.4	21.3	-0.0031 mg/L	-0.0031 mg/L	13:40:35
1	Ti 337.279†	14814.9	13621.7	0.0200 mg/L	0.0200 mg/L	13:40:15
1	Tl 190.801†	24.3	43.2	0.0568 mg/L	0.0568 mg/L	13:40:35
1	V 292.402†	6216.9	4392.8	0.0202 mg/L	0.0202 mg/L	13:40:15
1	Zn 213.857†	3497.6	1792.2	0.0182 mg/L	0.0182 mg/L	13:40:35
2	Y 360.073	2445960.4	2445960.4	1.00 mg/L		13:40:41
2	Ag 328.068†	3496.2	3237.6	0.0101 mg/L	0.0101 mg/L	13:40:46
2	Al 237.313†	637.9	858.8	0.1039 mg/L	0.1039 mg/L	13:41:07
2	As 188.979†	6.8	17.8	0.0220 mg/L	0.0220 mg/L	13:41:07
2	B 182.528†	16.4	31.2	0.0255 mg/L	0.0255 mg/L	13:41:07
2	Ba 233.527†	3735.3	3609.7	0.0182 mg/L	0.0182 mg/L	13:41:07
2	Be 313.107†	14822.5	10520.2	0.0021 mg/L	0.0021 mg/L	13:40:41
2	Ca 315.886†	24248.4	24069.2	0.2019 mg/L	0.2019 mg/L	13:40:46
2	Cd 228.802†	1315.2	784.3	0.0100 mg/L	0.0100 mg/L	13:41:07
2	Co 228.616†	1173.9	1336.8	0.0181 mg/L	0.0181 mg/L	13:41:07
2	Cr 267.716†	4830.6	2611.7	0.0199 mg/L	0.0199 mg/L	13:40:46
2	Cu 324.752†	7898.8	5157.9	0.0203 mg/L	0.0203 mg/L	13:40:46
2	Fe 238.204†	24513.6	7451.4	0.0702 mg/L	0.0702 mg/L	13:40:46
2	Fe 234.349†	7810.2	2284.1	0.0653 mg/L	0.0653 mg/L	13:40:46
2	Mg 279.077†	3502.9	3605.4	0.2034 mg/L	0.2034 mg/L	13:40:46
2	Mn 257.610†	24295.2	19962.0	0.0184 mg/L	0.0184 mg/L	13:40:46
2	Mo 202.031†	302.9	233.0	0.0216 mg/L	0.0216 mg/L	13:41:07
2	Na 330.237†	1947.3	643.3	1.335 mg/L	1.335 mg/L	13:40:46
2	Ni 231.604†	1190.6	941.4	0.0178 mg/L	0.0178 mg/L	13:41:07
2	Pb 220.353†	176.5	172.9	0.0220 mg/L	0.0220 mg/L	13:41:07

2	Sb 206.836†	124.0	67.5	0.0170 mg/L	0.0170 mg/L	13:41:07
2	Se 196.026†	15.3	33.0	0.0524 mg/L	0.0524 mg/L	13:41:07
2	Sn 189.927†	178.5	23.6	-0.0022 mg/L	-0.0022 mg/L	13:41:07
2	Ti 337.279†	14859.2	13682.2	0.0201 mg/L	0.0201 mg/L	13:40:46
2	Tl 190.801†	9.6	28.6	0.0427 mg/L	0.0427 mg/L	13:41:07
2	V 292.402†	6238.8	4421.4	0.0204 mg/L	0.0204 mg/L	13:40:46
2	Zn 213.857†	3498.0	1796.6	0.0182 mg/L	0.0182 mg/L	13:41:07

Mean Data: CRI2

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2447324.7	1.01 mg/L	0.001			0.08%
Ag 328.068†	3235.0	0.0101 mg/L	0.00001	0.0101 mg/L	0.00001	0.11%
QC value within limits for Ag 328.068 Recovery = 101.20%						
Al 237.313†	862.3	0.1043 mg/L	0.00057	0.1043 mg/L	0.00057	0.54%
QC value within limits for Al 237.313 Recovery = 104.33%						
As 188.979†	17.4	0.0216 mg/L	0.00057	0.0216 mg/L	0.00057	2.64%
QC value within limits for As 188.979 Recovery = 107.77%						
B 182.528†	29.3	0.0239 mg/L	0.00221	0.0239 mg/L	0.00221	9.27%
QC value within limits for B 182.528 Recovery = 119.49%						
Ba 233.527†	3619.5	0.0182 mg/L	0.00008	0.0182 mg/L	0.00008	0.42%
QC value within limits for Ba 233.527 Recovery = 91.11%						
Be 313.107†	10474.2	0.0021 mg/L	0.00001	0.0021 mg/L	0.00001	0.59%
QC value within limits for Be 313.107 Recovery = 103.77%						
Ca 315.886†	24152.2	0.2026 mg/L	0.00096	0.2026 mg/L	0.00096	0.47%
QC value within limits for Ca 315.886 Recovery = 101.28%						
Cd 228.802†	783.8	0.0100 mg/L	0.00001	0.0100 mg/L	0.00001	0.07%
QC value within limits for Cd 228.802 Recovery = 100.03%						
Co 228.616†	1346.0	0.0182 mg/L	0.00019	0.0182 mg/L	0.00019	1.05%
QC value within limits for Co 228.616 Recovery = 91.21%						
Cr 267.716†	2592.7	0.0197 mg/L	0.00020	0.0197 mg/L	0.00020	1.00%
QC value within limits for Cr 267.716 Recovery = 98.74%						
Cu 324.752†	5185.0	0.0204 mg/L	0.00015	0.0204 mg/L	0.00015	0.72%
QC value within limits for Cu 324.752 Recovery = 102.13%						
Fe 238.204†	7470.4	0.0703 mg/L	0.00022	0.0703 mg/L	0.00022	0.32%
QC value within limits for Fe 238.204 Recovery = 70.33%						
Fe 234.349†	2288.9	0.0654 mg/L	0.00019	0.0654 mg/L	0.00019	0.29%
QC value less than the lower limit for Fe 234.349 Recovery = 65.43%						
Mg 279.077†	3612.4	0.2038 mg/L	0.00054	0.2038 mg/L	0.00054	0.26%
QC value within limits for Mg 279.077 Recovery = 101.89%						
Mn 257.610†	20012.8	0.0185 mg/L	0.00007	0.0185 mg/L	0.00007	0.38%
QC value within limits for Mn 257.610 Recovery = 92.48%						
Mo 202.031†	236.8	0.0219 mg/L	0.00046	0.0219 mg/L	0.00046	2.09%
QC value within limits for Mo 202.031 Recovery = 109.57%						
Na 330.237†	637.7	1.329 mg/L	0.0091	1.329 mg/L	0.0091	0.68%
QC value greater than the upper limit for Na 330.237 Recovery = 132.87%						
Ni 231.604†	946.0	0.0178 mg/L	0.00013	0.0178 mg/L	0.00013	0.72%
QC value within limits for Ni 231.604 Recovery = 89.20%						
Pb 220.353†	170.5	0.0218 mg/L	0.00039	0.0218 mg/L	0.00039	1.79%
QC value within limits for Pb 220.353 Recovery = 108.84%						
Sb 206.836†	71.9	0.0180 mg/L	0.00153	0.0180 mg/L	0.00153	8.48%
QC value within limits for Sb 206.836 Recovery = 90.21%						
Se 196.026†	30.0	0.0478 mg/L	0.00657	0.0478 mg/L	0.00657	13.75%
QC value within limits for Se 196.026 Recovery = 119.43%						
Sn 189.927†	22.5	-0.0026 mg/L	0.00063	-0.0026 mg/L	0.00063	23.79%
QC value less than the lower limit for Sn 189.927 Recovery = -13.23%						
Ti 337.279†	13651.9	0.0201 mg/L	0.00006	0.0201 mg/L	0.00006	0.30%
QC value within limits for Ti 337.279 Recovery = 100.31%						
Tl 190.801†	35.9	0.0498 mg/L	0.00999	0.0498 mg/L	0.00999	20.07%
QC value greater than the upper limit for Tl 190.801 Recovery = 248.77%						
V 292.402†	4407.1	0.0203 mg/L	0.00009	0.0203 mg/L	0.00009	0.45%
QC value within limits for V 292.402 Recovery = 101.49%						
Zn 213.857†	1794.4	0.0182 mg/L	0.00003	0.0182 mg/L	0.00003	0.18%
QC value within limits for Zn 213.857 Recovery = 91.05%						

QC Failed. Continue with analysis.

Sequence No.: 10
 Sample ID: CRI3
 Analyst:

Autosampler Location: 8
 Date Collected: 8/3/2006 1:42:46 PM
 Data Type: Original

Initial Sample Wt:
Dilution:

Initial Sample Vol:
Sample Prep Vol:

Replicate Data: CRI3

Repl#	Analyte	Net		Corrected		Calib.		Sample		Analysis Time
		Intensity	2445613.2	Intensity	2445613.2	Conc. Units	Conc. Units	Conc. Units	Conc. Units	
1	Y 360.073		2445613.2		2445613.2	1.00 mg/L				13:44:21
1	Ag 328.068†	1918.8		1668.0		0.0055 mg/L	0.0055 mg/L	0.0055 mg/L		13:44:26
1	Al 237.313†	252.4		475.1		0.0606 mg/L	0.0606 mg/L	0.0606 mg/L		13:44:46
1	As 188.979†	-1.0		9.9		0.0126 mg/L	0.0126 mg/L	0.0126 mg/L		13:44:46
1	B 182.528†	2.8		17.6		0.0143 mg/L	0.0143 mg/L	0.0143 mg/L		13:44:46
1	Ba 233.527†	1953.8		1836.8		0.0084 mg/L	0.0084 mg/L	0.0084 mg/L		13:44:46
1	Be 313.107†	9488.9		5213.1		0.0011 mg/L	0.0011 mg/L	0.0011 mg/L		13:44:21
1	Ca 315.886†	12387.3		12265.7		0.1054 mg/L	0.1054 mg/L	0.1054 mg/L		13:44:26
1	Cd 228.802†	938.4		409.4		0.0056 mg/L	0.0056 mg/L	0.0056 mg/L		13:44:46
1	Co 228.616†	533.3		699.2		0.0088 mg/L	0.0088 mg/L	0.0088 mg/L		13:44:46
1	Cr 267.716†	3521.6		1309.4		0.0103 mg/L	0.0103 mg/L	0.0103 mg/L		13:44:26
1	Cu 324.752†	5255.4		2527.7		0.0102 mg/L	0.0102 mg/L	0.0102 mg/L		13:44:26
1	Fe 238.204†	18443.1		1412.1		0.0199 mg/L	0.0199 mg/L	0.0199 mg/L		13:44:26
1	Fe 234.349†	5965.6		449.1		0.0150 mg/L	0.0150 mg/L	0.0150 mg/L		13:44:26
1	Mg 279.077†	1763.7		1874.7		0.1090 mg/L	0.1090 mg/L	0.1090 mg/L		13:44:26
1	Mn 257.610†	13906.2		9623.8		0.0084 mg/L	0.0084 mg/L	0.0084 mg/L		13:44:26
1	Mo 202.031†	188.0		118.7		0.0117 mg/L	0.0117 mg/L	0.0117 mg/L		13:44:46
1	Na 330.237†	1593.7		291.6		0.9347 mg/L	0.9347 mg/L	0.9347 mg/L		13:44:26
1	Ni 231.604†	712.4		465.6		0.0084 mg/L	0.0084 mg/L	0.0084 mg/L		13:44:46
1	Pb 220.353†	87.1		84.0		0.0117 mg/L	0.0117 mg/L	0.0117 mg/L		13:44:46
1	Sb 206.836†	93.0		36.7		0.0095 mg/L	0.0095 mg/L	0.0095 mg/L		13:44:46
1	Se 196.026†	-0.3		17.5		0.0287 mg/L	0.0287 mg/L	0.0287 mg/L		13:44:46
1	Sn 189.927†	139.0		-15.7		-0.0176 mg/L	-0.0176 mg/L	-0.0176 mg/L		13:44:46
1	Ti 337.279†	8101.0		6957.0		0.0105 mg/L	0.0105 mg/L	0.0105 mg/L		13:44:26
1	Tl 190.801†	1.5		20.5		0.0349 mg/L	0.0349 mg/L	0.0349 mg/L		13:44:46
1	V 292.402†	4035.7		2229.3		0.0106 mg/L	0.0106 mg/L	0.0106 mg/L		13:44:26
1	Zn 213.857†	2551.3		854.7		0.0083 mg/L	0.0083 mg/L	0.0083 mg/L		13:44:46
2	Y 360.073		2424245.7		2424245.7	0.996 mg/L				13:44:52
2	Ag 328.068†	1871.5		1637.3		0.0054 mg/L	0.0054 mg/L	0.0054 mg/L		13:44:57
2	Al 237.313†	230.3		455.2		0.0584 mg/L	0.0584 mg/L	0.0584 mg/L		13:45:18
2	As 188.979†	1.1		12.1		0.0151 mg/L	0.0151 mg/L	0.0151 mg/L		13:45:18
2	B 182.528†	-5.0		9.9		0.0080 mg/L	0.0080 mg/L	0.0080 mg/L		13:45:18
2	Ba 233.527†	1965.6		1865.9		0.0085 mg/L	0.0085 mg/L	0.0085 mg/L		13:45:18
2	Be 313.107†	9608.8		5416.8		0.0011 mg/L	0.0011 mg/L	0.0011 mg/L		13:44:52
2	Ca 315.886†	12382.3		12369.4		0.1062 mg/L	0.1062 mg/L	0.1062 mg/L		13:44:57
2	Cd 228.802†	938.1		417.3		0.0056 mg/L	0.0056 mg/L	0.0056 mg/L		13:45:18
2	Co 228.616†	517.0		687.5		0.0086 mg/L	0.0086 mg/L	0.0086 mg/L		13:45:18
2	Cr 267.716†	3562.7		1381.6		0.0108 mg/L	0.0108 mg/L	0.0108 mg/L		13:44:57
2	Cu 324.752†	5187.3		2505.4		0.0102 mg/L	0.0102 mg/L	0.0102 mg/L		13:44:57
2	Fe 238.204†	18440.1		1570.9		0.0212 mg/L	0.0212 mg/L	0.0212 mg/L		13:44:57
2	Fe 234.349†	5944.0		479.7		0.0159 mg/L	0.0159 mg/L	0.0159 mg/L		13:44:57
2	Mg 279.077†	1741.6		1868.0		0.1087 mg/L	0.1087 mg/L	0.1087 mg/L		13:44:57
2	Mn 257.610†	13897.9		9737.5		0.0085 mg/L	0.0085 mg/L	0.0085 mg/L		13:44:57
2	Mo 202.031†	198.2		130.7		0.0128 mg/L	0.0128 mg/L	0.0128 mg/L		13:45:18
2	Na 330.237†	1686.0		398.3		1.056 mg/L	1.056 mg/L	1.056 mg/L		13:44:57
2	Ni 231.604†	696.8		456.1		0.0083 mg/L	0.0083 mg/L	0.0083 mg/L		13:45:18
2	Pb 220.353†	86.7		84.3		0.0118 mg/L	0.0118 mg/L	0.0118 mg/L		13:45:18
2	Sb 206.836†	95.5		40.0		0.0103 mg/L	0.0103 mg/L	0.0103 mg/L		13:45:18
2	Se 196.026†	-4.9		12.8		0.0216 mg/L	0.0216 mg/L	0.0216 mg/L		13:45:18
2	Sn 189.927†	136.5		-17.0		-0.0181 mg/L	-0.0181 mg/L	-0.0181 mg/L		13:45:18
2	Ti 337.279†	8063.4		6990.3		0.0106 mg/L	0.0106 mg/L	0.0106 mg/L		13:44:57
2	Tl 190.801†	2.7		21.8		0.0361 mg/L	0.0361 mg/L	0.0361 mg/L		13:45:18
2	V 292.402†	4051.7		2280.8		0.0108 mg/L	0.0108 mg/L	0.0108 mg/L		13:44:57
2	Zn 213.857†	2543.5		869.3		0.0084 mg/L	0.0084 mg/L	0.0084 mg/L		13:45:18

Mean Data: CRI3

Analyte	Mean Corrected		Calib		Std.Dev.	Sample		RSD
	Intensity	2434929.5	Conc. Units	1.00 mg/L		Conc. Units	Std.Dev.	
Y 360.073		2434929.5		1.00 mg/L	0.0006			0.62%
Ag 328.068†	1652.6		0.0054 mg/L		0.00006	0.0054 mg/L	0.00006	1.18%
QC value within limits for Ag 328.068 Recovery = 108.86%								
Al 237.313†	465.2		0.0595 mg/L		0.00161	0.0595 mg/L	0.00161	2.71%
QC value within limits for Al 237.313 Recovery = 119.00%								

As 188.979†	11.0	0.0138 mg/L	0.00180	0.0138 mg/L	0.00180	13.02%
QC value greater than the upper limit for As 188.979 Recovery = 138.25%						
B 182.528†	13.7	0.0111 mg/L	0.00451	0.0111 mg/L	0.00451	40.48%
QC value within limits for B 182.528 Recovery = 111.44%						
Ba 233.527†	1851.4	0.0084 mg/L	0.00011	0.0084 mg/L	0.00011	1.35%
QC value within limits for Ba 233.527 Recovery = 84.33%						
Be 313.107†	5314.9	0.0011 mg/L	0.00003	0.0011 mg/L	0.00003	2.47%
QC value within limits for Be 313.107 Recovery = 110.07%						
Ca 315.886†	12317.6	0.1058 mg/L	0.00060	0.1058 mg/L	0.00060	0.57%
QC value within limits for Ca 315.886 Recovery = 105.78%						
Cd 228.802†	413.4	0.0056 mg/L	0.00006	0.0056 mg/L	0.00006	1.10%
QC value within limits for Cd 228.802 Recovery = 111.90%						
Co 228.616†	693.4	0.0087 mg/L	0.00012	0.0087 mg/L	0.00012	1.40%
QC value within limits for Co 228.616 Recovery = 86.78%						
Cr 267.716†	1345.5	0.0106 mg/L	0.00038	0.0106 mg/L	0.00038	3.56%
QC value within limits for Cr 267.716 Recovery = 105.64%						
Cu 324.752†	2516.6	0.0102 mg/L	0.00006	0.0102 mg/L	0.00006	0.59%
QC value within limits for Cu 324.752 Recovery = 101.94%						
Fe 238.204†	1491.5	0.0205 mg/L	0.00094	0.0205 mg/L	0.00094	4.56%
QC value less than the lower limit for Fe 238.204 Recovery = 41.03%						
Fe 234.349†	464.4	0.0155 mg/L	0.00059	0.0155 mg/L	0.00059	3.85%
QC value less than the lower limit for Fe 234.349 Recovery = 30.91%						
Mg 279.077†	1871.4	0.1088 mg/L	0.00026	0.1088 mg/L	0.00026	0.24%
QC value within limits for Mg 279.077 Recovery = 108.84%						
Mn 257.610†	9680.7	0.0084 mg/L	0.00008	0.0084 mg/L	0.00008	0.93%
QC value within limits for Mn 257.610 Recovery = 84.09%						
Mo 202.031†	124.7	0.0123 mg/L	0.00073	0.0123 mg/L	0.00073	5.95%
QC value within limits for Mo 202.031 Recovery = 122.58%						
Na 330.237†	344.9	0.9955 mg/L	0.08593	0.9955 mg/L	0.08593	8.63%
QC value greater than the upper limit for Na 330.237 Recovery = 199.09%						
Ni 231.604†	460.8	0.0084 mg/L	0.00013	0.0084 mg/L	0.00013	1.56%
QC value within limits for Ni 231.604 Recovery = 83.57%						
Pb 220.353†	84.1	0.0117 mg/L	0.00003	0.0117 mg/L	0.00003	0.24%
QC value within limits for Pb 220.353 Recovery = 117.45%						
Sb 206.836†	38.3	0.0099 mg/L	0.00058	0.0099 mg/L	0.00058	5.85%
QC value within limits for Sb 206.836 Recovery = 98.81%						
Se 196.026†	15.1	0.0252 mg/L	0.00504	0.0252 mg/L	0.00504	20.03%
QC value within limits for Se 196.026 Recovery = 125.90%						
Sn 189.927†	-16.3	-0.0179 mg/L	0.00037	-0.0179 mg/L	0.00037	2.04%
QC value less than the lower limit for Sn 189.927 Recovery = -178.62%						
Ti 337.279†	6973.6	0.0105 mg/L	0.00003	0.0105 mg/L	0.00003	0.32%
QC value within limits for Ti 337.279 Recovery = 105.29%						
Tl 190.801†	21.2	0.0355 mg/L	0.00087	0.0355 mg/L	0.00087	2.44%
QC value greater than the upper limit for Tl 190.801 Recovery = 355.17%						
V 292.402†	2255.0	0.0107 mg/L	0.00016	0.0107 mg/L	0.00016	1.53%
QC value within limits for V 292.402 Recovery = 107.29%						
Zn 213.857†	862.0	0.0084 mg/L	0.00011	0.0084 mg/L	0.00011	1.32%
QC value within limits for Zn 213.857 Recovery = 83.57%						
QC Failed. Continue with analysis.						

Sequence No.: 11

Sample ID: ICSA

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 106

Date Collected: 8/3/2006 1:46:57 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: ICSA

Repl#	Analyte	Net	Corrected	Calib.	Sample	Analysis
		Intensity	Intensity	Conc. Units	Conc. Units	Time
1	Y 360.073	2395189.9	2395189.9	0.984 mg/L		13:48:46
1	Ag 328.068†	335.8	99.2	0.0009 mg/L	0.0009 mg/L	13:48:52
1	Al 237.313†	2133885.2	2169076.6	246.3 mg/L	246.3 mg/L	13:48:46
1	As 188.979†	-15.8	-5.1	-0.0054 mg/L	-0.0054 mg/L	13:49:12
1	B 182.528†	12.1	27.2	0.0222 mg/L	0.0222 mg/L	13:49:12
1	Ba 233.527†	836.4	742.1	0.0023 mg/L	0.0023 mg/L	13:49:12
1	Be 313.107†	1527.9	-2679.5	-0.0001 mg/L	-0.0001 mg/L	13:48:52
1	Ca 315.886†	28462473.0	28928816.0	236.6 mg/L	236.6 mg/L	13:48:38
1	Cd 228.802†	597.7	82.8	-0.0002 mg/L	-0.0002 mg/L	13:49:12
1	Co 228.616†	-89.0	77.9	-0.0004 mg/L	-0.0004 mg/L	13:49:12

1	Cr 267.716†	1839.7	-326.2	0.0028 mg/L	0.0028 mg/L	13:48:52
1	Cu 324.752†	1607.6	-1069.7	-0.0036 mg/L	-0.0036 mg/L	13:48:52
1	Fe 238.204†	9915372.7	10060906.9	83.81 mg/L	83.81 mg/L	13:48:38
1	Fe 234.349†	3271599.5	3319721.1	91.09 mg/L	91.09 mg/L	13:48:46
1	Mg 279.077†	4323845.0	4394817.9	239.6 mg/L	239.6 mg/L	13:48:46
1	Mn 257.610†	6808.7	2701.5	0.0047 mg/L	0.0047 mg/L	13:48:46
1	Mo 202.031†	-40.6	-109.7	-0.0015 mg/L	-0.0015 mg/L	13:49:12
1	Na 330.237†	949.5	-329.7	0.5998 mg/L	0.5998 mg/L	13:48:52
1	Ni 231.604†	228.3	-11.5	-0.0009 mg/L	-0.0009 mg/L	13:49:12
1	Pb 220.353†	-167.3	-172.8	-0.0013 mg/L	-0.0013 mg/L	13:49:12
1	Sb 206.836†	3.9	-51.9	-0.0122 mg/L	-0.0122 mg/L	13:49:12
1	Se 196.026†	-42.0	-24.9	-0.0358 mg/L	-0.0358 mg/L	13:49:12
1	Sn 189.927†	102.5	-49.9	-0.0310 mg/L	-0.0310 mg/L	13:49:12
1	Ti 337.279†	5044.5	4020.1	0.0063 mg/L	0.0063 mg/L	13:48:52
1	Tl 190.801†	-44.1	-25.7	-0.0097 mg/L	-0.0097 mg/L	13:49:12
1	V 292.402†	566.6	-1212.1	-0.0047 mg/L	-0.0047 mg/L	13:48:52
1	Zn 213.857†	4028.6	2409.6	0.0249 mg/L	0.0249 mg/L	13:49:12
2	Y 360.073	2408095.5	2408095.5	0.989 mg/L	0.989 mg/L	13:49:32
2	Ag 328.068†	339.9	101.5	0.0009 mg/L	0.0009 mg/L	13:49:38
2	Al 237.313†	2144327.6	2168009.8	246.2 mg/L	246.2 mg/L	13:49:32
2	As 188.979†	-3.9	7.0	0.0091 mg/L	0.0091 mg/L	13:49:58
2	B 182.528†	2.0	16.9	0.0137 mg/L	0.0137 mg/L	13:49:58
2	Ba 233.527†	851.2	752.5	0.0024 mg/L	0.0024 mg/L	13:49:58
2	Be 313.107†	1435.2	-2781.5	-0.0002 mg/L	-0.0002 mg/L	13:49:38
2	Ca 315.886†	28495845.6	28807516.4	235.6 mg/L	235.6 mg/L	13:49:24
2	Cd 228.802†	608.1	90.1	-0.0002 mg/L	-0.0002 mg/L	13:49:58
2	Co 228.616†	-96.0	71.3	-0.0004 mg/L	-0.0004 mg/L	13:49:58
2	Cr 267.716†	1921.1	-254.0	0.0033 mg/L	0.0033 mg/L	13:49:38
2	Cu 324.752†	1594.2	-1092.1	-0.0036 mg/L	-0.0036 mg/L	13:49:38
2	Fe 238.204†	9926597.3	10018244.6	83.46 mg/L	83.46 mg/L	13:49:24
2	Fe 234.349†	3284287.9	3314727.7	90.95 mg/L	90.95 mg/L	13:49:32
2	Mg 279.077†	4344419.8	4392065.5	239.5 mg/L	239.5 mg/L	13:49:32
2	Mn 257.610†	6769.9	2625.2	0.0046 mg/L	0.0046 mg/L	13:49:32
2	Mo 202.031†	-40.4	-109.3	-0.0015 mg/L	-0.0015 mg/L	13:49:58
2	Na 330.237†	970.3	-313.9	0.6173 mg/L	0.6173 mg/L	13:49:38
2	Ni 231.604†	225.0	-16.1	-0.0010 mg/L	-0.0010 mg/L	13:49:58
2	Pb 220.353†	-172.4	-177.0	-0.0018 mg/L	-0.0018 mg/L	13:49:58
2	Sb 206.836†	11.5	-44.3	-0.0104 mg/L	-0.0104 mg/L	13:49:58
2	Se 196.026†	-46.8	-29.6	-0.0429 mg/L	-0.0429 mg/L	13:49:58
2	Sn 189.927†	98.6	-54.4	-0.0328 mg/L	-0.0328 mg/L	13:49:58
2	Ti 337.279†	5095.0	4043.8	0.0063 mg/L	0.0063 mg/L	13:49:38
2	Tl 190.801†	-40.2	-21.6	-0.0056 mg/L	-0.0056 mg/L	13:49:58
2	V 292.402†	576.8	-1204.9	-0.0046 mg/L	-0.0046 mg/L	13:49:38
2	Zn 213.857†	4050.9	2410.3	0.0249 mg/L	0.0249 mg/L	13:49:58

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2401642.7	0.987 mg/L	0.0037			0.38%
Ag 328.068†	100.4	0.0009 mg/L	0.00000	0.0009 mg/L	0.00000	0.56%
QC value within limits for Ag 328.068 Recovery = Not calculated						
Al 237.313†	2168543.2	246.2 mg/L	0.09	246.2 mg/L	0.09	0.03%
QC value within limits for Al 237.313 Recovery = 98.50%						
As 188.979†	1.0	0.0018 mg/L	0.01027	0.0018 mg/L	0.01027	562.95%
QC value within limits for As 188.979 Recovery = Not calculated						
B 182.528†	22.0	0.0179 mg/L	0.00597	0.0179 mg/L	0.00597	33.26%
QC value within limits for B 182.528 Recovery = Not calculated						
Ba 233.527†	747.3	0.0023 mg/L	0.00004	0.0023 mg/L	0.00004	1.75%
QC value within limits for Ba 233.527 Recovery = Not calculated						
Be 313.107†	-2730.5	-0.0001 mg/L	0.00001	-0.0001 mg/L	0.00001	9.50%
QC value within limits for Be 313.107 Recovery = Not calculated						
Ca 315.886†	28868166.2	236.1 mg/L	0.70	236.1 mg/L	0.70	0.30%
QC value within limits for Ca 315.886 Recovery = 94.43%						
Cd 228.802†	86.5	-0.0002 mg/L	0.00003	-0.0002 mg/L	0.00003	17.33%
QC value within limits for Cd 228.802 Recovery = Not calculated						
Co 228.616†	74.6	-0.0004 mg/L	0.00007	-0.0004 mg/L	0.00007	17.14%
QC value within limits for Co 228.616 Recovery = Not calculated						
Cr 267.716†	-290.1	0.0031 mg/L	0.00037	0.0031 mg/L	0.00037	12.09%
QC value within limits for Cr 267.716 Recovery = Not calculated						
Cu 324.752†	-1080.9	-0.0036 mg/L	0.00006	-0.0036 mg/L	0.00006	1.68%

Fe 238.204†	10039575.8	83.64 mg/L	0.251	83.64 mg/L	0.251	0.30%
QC value within limits for Cu 324.752 Recovery = Not calculated						
Fe 234.349†	3317224.4	91.02 mg/L	0.097	91.02 mg/L	0.097	0.11%
QC value within limits for Fe 238.204 Recovery = 83.64%						
Mg 279.077†	4393441.7	239.5 mg/L	0.11	239.5 mg/L	0.11	0.04%
QC value within limits for Fe 234.349 Recovery = 91.02%						
Mn 257.610†	2663.4	0.0047 mg/L	0.00006	0.0047 mg/L	0.00006	1.20%
QC value within limits for Mg 279.077 Recovery = 95.82%						
Mo 202.031†	-109.5	-0.0015 mg/L	0.00002	-0.0015 mg/L	0.00002	1.19%
QC value within limits for Mn 257.610 Recovery = Not calculated						
Na 330.237†	-321.8	0.6085 mg/L	0.01232	0.6085 mg/L	0.01232	2.02%
QC value within limits for Mo 202.031 Recovery = Not calculated						
Ni 231.604†	-13.8	-0.0009 mg/L	0.00006	-0.0009 mg/L	0.00006	6.88%
QC value within limits for Na 330.237 Recovery = Not calculated						
Pb 220.353†	-174.9	-0.0016 mg/L	0.00035	-0.0016 mg/L	0.00035	22.02%
QC value within limits for Ni 231.604 Recovery = Not calculated						
Sb 206.836†	-48.1	-0.0113 mg/L	0.00133	-0.0113 mg/L	0.00133	11.75%
QC value within limits for Pb 220.353 Recovery = Not calculated						
Se 196.026†	-27.2	-0.0393 mg/L	0.00499	-0.0393 mg/L	0.00499	12.68%
QC value within limits for Sb 206.836 Recovery = Not calculated						
Sn 189.927†	-52.1	-0.0319 mg/L	0.00123	-0.0319 mg/L	0.00123	3.86%
QC value within limits for Se 196.026 Recovery = Not calculated						
Ti 337.279†	4032.0	0.0063 mg/L	0.00002	0.0063 mg/L	0.00002	0.38%
QC value within limits for Sn 189.927 Recovery = Not calculated						
Tl 190.801†	-23.7	-0.0076 mg/L	0.00285	-0.0076 mg/L	0.00285	37.29%
QC value within limits for Ti 337.279 Recovery = Not calculated						
V 292.402†	-1208.5	-0.0047 mg/L	0.00003	-0.0047 mg/L	0.00003	0.54%
QC value within limits for Tl 190.801 Recovery = Not calculated						
Zn 213.857†	2409.9	0.0249 mg/L	0.00001	0.0249 mg/L	0.00001	0.02%
QC value within limits for V 292.402 Recovery = Not calculated						
QC value within limits for Zn 213.857 Recovery = Not calculated						

All analyte(s) passed QC.

Sequence No.: 12
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 105
Date Collected: 8/3/2006 1:51:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: ICSAB

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2373910.5	2373910.5	0.975 mg/L		13:53:26
1	Ag 328.068†	172323.3	176475.0	0.5220 mg/L	0.5220 mg/L	13:53:31
1	Al 237.313†	2108709.7	2162700.5	245.6 mg/L	245.6 mg/L	13:53:26
1	As 188.979†	-14.0	-3.4	-0.0035 mg/L	-0.0035 mg/L	13:53:51
1	B 182.528†	3.4	18.3	0.0149 mg/L	0.0149 mg/L	13:53:51
1	Ba 233.527†	43255.0	44249.9	0.2432 mg/L	0.2432 mg/L	13:53:31
1	Be 313.107†	1290055.5	1318716.3	0.2494 mg/L	0.2494 mg/L	13:53:26
1	Ca 315.886†	28337449.5	29059919.0	237.6 mg/L	237.6 mg/L	13:53:17
1	Cd 228.802†	37606.5	38040.6	0.4548 mg/L	0.4548 mg/L	13:53:31
1	Co 228.616†	15070.9	15623.5	0.2278 mg/L	0.2278 mg/L	13:53:31
1	Cr 267.716†	34005.7	32676.6	0.2458 mg/L	0.2458 mg/L	13:53:31
1	Cu 324.752†	64021.6	62950.4	0.2418 mg/L	0.2418 mg/L	13:53:31
1	Fe 238.204†	9875613.8	10110470.7	84.23 mg/L	84.23 mg/L	13:53:17
1	Fe 234.349†	3240404.9	3317537.9	91.02 mg/L	91.02 mg/L	13:53:26
1	Mg 279.077†	4282025.1	4391325.1	239.4 mg/L	239.4 mg/L	13:53:26
1	Mn 257.610†	244837.5	246861.4	0.2430 mg/L	0.2430 mg/L	13:53:26
1	Mo 202.031†	-28.6	-97.7	-0.0004 mg/L	-0.0004 mg/L	13:53:51
1	Na 330.237†	981.5	-288.2	0.6155 mg/L	0.6155 mg/L	13:53:31
1	Ni 231.604†	23153.5	23500.3	0.4589 mg/L	0.4589 mg/L	13:53:31
1	Pb 220.353†	3726.4	3818.6	0.4600 mg/L	0.4600 mg/L	13:53:51
1	Sb 206.836†	16.3	-39.1	-0.0121 mg/L	-0.0121 mg/L	13:53:51
1	Se 196.026†	-42.7	-26.0	-0.0375 mg/L	-0.0375 mg/L	13:53:51
1	Sn 189.927†	118.3	-32.8	-0.0243 mg/L	-0.0243 mg/L	13:53:51
1	Ti 337.279†	4958.7	3978.2	0.0063 mg/L	0.0063 mg/L	13:53:31
1	Tl 190.801†	-53.9	-36.2	-0.0204 mg/L	-0.0204 mg/L	13:53:51
1	V 292.402†	54261.3	53856.9	0.2405 mg/L	0.2405 mg/L	13:53:31
1	Zn 213.857†	46599.8	46103.0	0.4863 mg/L	0.4863 mg/L	13:53:31

2	Y 360.073	2377515.8	2377515.8	0.977 mg/L		13:54:12
2	Ag 328.068†	171304.6	175163.9	0.5182 mg/L	0.5182 mg/L	13:54:18
2	Al 237.313†	2112076.2	2162868.4	245.6 mg/L	245.6 mg/L	13:54:12
2	As 188.979†	-7.4	3.4	0.0046 mg/L	0.0046 mg/L	13:54:38
2	B 182.528†	13.3	28.4	0.0232 mg/L	0.0232 mg/L	13:54:38
2	Ba 233.527†	43020.4	43942.4	0.2415 mg/L	0.2415 mg/L	13:54:18
2	Be 313.107†	1293203.1	1319933.1	0.2496 mg/L	0.2496 mg/L	13:54:12
2	Ca 315.886†	28362072.7	29041065.0	237.5 mg/L	237.5 mg/L	13:54:04
2	Cd 228.802†	37523.4	37897.1	0.4531 mg/L	0.4531 mg/L	13:54:18
2	Co 228.616†	14980.2	15507.3	0.2261 mg/L	0.2261 mg/L	13:54:18
2	Cr 267.716†	33892.8	32508.1	0.2445 mg/L	0.2445 mg/L	13:54:18
2	Cu 324.752†	63631.3	62451.1	0.2399 mg/L	0.2399 mg/L	13:54:18
2	Fe 238.204†	9879127.6	10098711.3	84.13 mg/L	84.13 mg/L	13:54:04
2	Fe 234.349†	3248608.0	3320898.3	91.11 mg/L	91.11 mg/L	13:54:12
2	Mg 279.077†	4294858.1	4397806.6	239.8 mg/L	239.8 mg/L	13:54:12
2	Mn 257.610†	245463.7	247121.9	0.2433 mg/L	0.2433 mg/L	13:54:12
2	Mo 202.031†	-22.5	-91.5	0.0002 mg/L	0.0002 mg/L	13:54:38
2	Na 330.237†	996.8	-274.1	0.6319 mg/L	0.6319 mg/L	13:54:18
2	Ni 231.604†	23027.1	23334.8	0.4556 mg/L	0.4556 mg/L	13:54:18
2	Pb 220.353†	3750.9	3838.0	0.4622 mg/L	0.4622 mg/L	13:54:38
2	Sb 206.836†	17.5	-38.0	-0.0118 mg/L	-0.0118 mg/L	13:54:38
2	Se 196.026†	-45.5	-28.9	-0.0419 mg/L	-0.0419 mg/L	13:54:38
2	Sn 189.927†	104.0	-47.6	-0.0301 mg/L	-0.0301 mg/L	13:54:38
2	Ti 337.279†	4963.3	3975.1	0.0062 mg/L	0.0062 mg/L	13:54:18
2	Tl 190.801†	-44.1	-26.1	-0.0106 mg/L	-0.0106 mg/L	13:54:38
2	V 292.402†	53886.9	53389.1	0.2384 mg/L	0.2384 mg/L	13:54:18
2	Zn 213.857†	46729.1	46163.0	0.4869 mg/L	0.4869 mg/L	13:54:18

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Conc. Units	Calib	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2375713.2	0.976 mg/L		0.0010			0.11%
Ag 328.068†	175819.5	0.5201 mg/L		0.00274	0.5201 mg/L	0.00274	0.53%
QC value within limits for Ag 328.068 Recovery = 104.02%							
Al 237.313†	2162784.4	245.6 mg/L		0.01	245.6 mg/L	0.01	0.01%
QC value within limits for Al 237.313 Recovery = 98.24%							
As 188.979†	0.0	0.0005 mg/L		0.00575	0.0005 mg/L	0.00575	>999.9%
QC value within limits for As 188.979 Recovery = Not calculated							
B 182.528†	23.4	0.0190 mg/L		0.00588	0.0190 mg/L	0.00588	30.87%
QC value within limits for B 182.528 Recovery = Not calculated							
Ba 233.527†	44096.1	0.2423 mg/L		0.00120	0.2423 mg/L	0.00120	0.50%
QC value within limits for Ba 233.527 Recovery = 96.93%							
Be 313.107†	1319324.7	0.2495 mg/L		0.00016	0.2495 mg/L	0.00016	0.07%
QC value within limits for Be 313.107 Recovery = 99.80%							
Ca 315.886†	29050492.0	237.6 mg/L		0.11	237.6 mg/L	0.11	0.05%
QC value within limits for Ca 315.886 Recovery = 95.03%							
Cd 228.802†	37968.9	0.4540 mg/L		0.00123	0.4540 mg/L	0.00123	0.27%
QC value within limits for Cd 228.802 Recovery = 90.79%							
Co 228.616†	15565.4	0.2270 mg/L		0.00121	0.2270 mg/L	0.00121	0.53%
QC value within limits for Co 228.616 Recovery = 90.80%							
Cr 267.716†	32592.4	0.2451 mg/L		0.00087	0.2451 mg/L	0.00087	0.36%
QC value within limits for Cr 267.716 Recovery = 98.06%							
Cu 324.752†	62700.7	0.2409 mg/L		0.00135	0.2409 mg/L	0.00135	0.56%
QC value within limits for Cu 324.752 Recovery = 96.35%							
Fe 238.204†	10104591.0	84.18 mg/L		0.069	84.18 mg/L	0.069	0.08%
QC value within limits for Fe 238.204 Recovery = 84.18%							
Fe 234.349†	3319218.1	91.07 mg/L		0.065	91.07 mg/L	0.065	0.07%
QC value within limits for Fe 234.349 Recovery = 91.07%							
Mg 279.077†	4394565.9	239.6 mg/L		0.25	239.6 mg/L	0.25	0.10%
QC value within limits for Mg 279.077 Recovery = 95.84%							
Mn 257.610†	246991.7	0.2432 mg/L		0.00018	0.2432 mg/L	0.00018	0.07%
QC value within limits for Mn 257.610 Recovery = 97.26%							
Mo 202.031†	-94.6	-0.0001 mg/L		0.00038	-0.0001 mg/L	0.00038	465.27%
QC value within limits for Mo 202.031 Recovery = Not calculated							
Na 330.237†	-281.2	0.6237 mg/L		0.01161	0.6237 mg/L	0.01161	1.86%
QC value within limits for Na 330.237 Recovery = Not calculated							
Ni 231.604†	23417.6	0.4573 mg/L		0.00229	0.4573 mg/L	0.00229	0.50%
QC value within limits for Ni 231.604 Recovery = 91.45%							
Pb 220.353†	3828.3	0.4611 mg/L		0.00158	0.4611 mg/L	0.00158	0.34%
QC value within limits for Pb 220.353 Recovery = 92.23%							

Sb 206.836†	-38.6	-0.0119 mg/L	0.00022	-0.0119 mg/L	0.00022	1.81%
QC value within limits for Sb 206.836 Recovery = Not calculated						
Se 196.026†	-27.5	-0.0397 mg/L	0.00309	-0.0397 mg/L	0.00309	7.80%
QC value within limits for Se 196.026 Recovery = Not calculated						
Sn 189.927†	-40.2	-0.0272 mg/L	0.00409	-0.0272 mg/L	0.00409	15.05%
QC value within limits for Sn 189.927 Recovery = Not calculated						
Ti 337.279†	3976.6	0.0063 mg/L	0.00000	0.0063 mg/L	0.00000	0.05%
QC value within limits for Ti 337.279 Recovery = Not calculated						
Tl 190.801†	-31.1	-0.0155 mg/L	0.00693	-0.0155 mg/L	0.00693	44.62%
QC value within limits for Tl 190.801 Recovery = Not calculated						
V 292.402†	53623.0	0.2394 mg/L	0.00147	0.2394 mg/L	0.00147	0.61%
QC value within limits for V 292.402 Recovery = 95.78%						
Zn 213.857†	46133.0	0.4866 mg/L	0.00047	0.4866 mg/L	0.00047	0.10%
QC value within limits for Zn 213.857 Recovery = 97.32%						

All analyte(s) passed QC.

Sequence No.: 13

Sample ID: CCV

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/3/2006 1:56:16 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: CCV

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2462904.9	2462904.9	1.01 mg/L		13:57:49
1	Ag 328.068†	85932.8	84697.6	0.2509 mg/L	0.2509 mg/L	13:57:55
1	Al 237.313†	22059.6	22028.5	2.496 mg/L	2.496 mg/L	13:57:55
1	As 188.979†	401.9	408.2	0.4913 mg/L	0.4913 mg/L	13:58:15
1	B 182.528†	599.3	607.2	0.4985 mg/L	0.4985 mg/L	13:58:15
1	Ba 233.527†	92523.7	91346.4	0.5039 mg/L	0.5039 mg/L	13:57:55
1	Be 313.107†	272141.6	264763.9	0.0501 mg/L	0.0501 mg/L	13:57:49
1	Ca 315.886†	618581.2	611366.8	5.005 mg/L	5.005 mg/L	13:57:49
1	Cd 228.802†	21547.8	20774.0	0.2478 mg/L	0.2478 mg/L	13:57:55
1	Co 228.616†	34591.2	34359.8	0.5021 mg/L	0.5021 mg/L	13:57:55
1	Cr 267.716†	71006.4	67989.6	0.5013 mg/L	0.5013 mg/L	13:57:55
1	Cu 324.752†	135379.5	131111.1	0.5033 mg/L	0.5033 mg/L	13:57:55
1	Fe 238.204†	317416.0	296800.7	2.481 mg/L	2.481 mg/L	13:57:55
1	Fe 234.349†	97300.0	90686.2	2.486 mg/L	2.486 mg/L	13:57:55
1	Mg 279.077†	93203.4	92245.2	5.037 mg/L	5.037 mg/L	13:57:55
1	Mn 257.610†	526124.6	515825.0	0.5026 mg/L	0.5026 mg/L	13:57:49
1	Mo 202.031†	5853.5	5717.4	0.4939 mg/L	0.4939 mg/L	13:58:15
1	Na 330.237†	22484.4	20929.7	24.43 mg/L	24.43 mg/L	13:57:55
1	Ni 231.604†	26177.3	25631.2	0.5004 mg/L	0.5004 mg/L	13:57:55
1	Pb 220.353†	4324.0	4271.3	0.4977 mg/L	0.4977 mg/L	13:58:15
1	Sb 206.836†	2105.0	2024.7	0.4939 mg/L	0.4939 mg/L	13:58:15
1	Se 196.026†	645.5	655.8	1.001 mg/L	1.001 mg/L	13:58:15
1	Sn 189.927†	1429.1	1258.5	0.4823 mg/L	0.4823 mg/L	13:58:15
1	Ti 337.279†	357372.7	352135.3	0.5033 mg/L	0.5033 mg/L	13:57:49
1	Tl 190.801†	427.5	441.7	0.4411 mg/L	0.4411 mg/L	13:58:15
1	V 292.402†	116858.0	113719.4	0.5065 mg/L	0.5065 mg/L	13:57:55
1	Zn 213.857†	49514.4	47257.2	0.4986 mg/L	0.4986 mg/L	13:57:55
2	Y 360.073	2479759.5	2479759.5	1.02 mg/L		13:58:22
2	Ag 328.068†	84969.1	83174.1	0.2464 mg/L	0.2464 mg/L	13:58:27
2	Al 237.313†	21786.5	21612.2	2.448 mg/L	2.448 mg/L	13:58:27
2	As 188.979†	403.8	407.4	0.4904 mg/L	0.4904 mg/L	13:58:48
2	B 182.528†	587.7	591.8	0.4858 mg/L	0.4858 mg/L	13:58:48
2	Ba 233.527†	91485.5	89705.5	0.4949 mg/L	0.4949 mg/L	13:58:27
2	Be 313.107†	273640.4	264407.0	0.0500 mg/L	0.0500 mg/L	13:58:22
2	Ca 315.886†	620973.3	609559.3	4.990 mg/L	4.990 mg/L	13:58:22
2	Cd 228.802†	21371.4	20456.1	0.2440 mg/L	0.2440 mg/L	13:58:27
2	Co 228.616†	34194.5	33737.9	0.4930 mg/L	0.4930 mg/L	13:58:27
2	Cr 267.716†	70153.4	66675.2	0.4916 mg/L	0.4916 mg/L	13:58:27
2	Cu 324.752†	133640.6	128494.5	0.4933 mg/L	0.4933 mg/L	13:58:27
2	Fe 238.204†	313768.6	291087.4	2.434 mg/L	2.434 mg/L	13:58:27
2	Fe 234.349†	96248.2	88999.8	2.440 mg/L	2.440 mg/L	13:58:27
2	Mg 279.077†	92120.7	90556.2	4.945 mg/L	4.945 mg/L	13:58:27
2	Mn 257.610†	528618.0	514738.2	0.5015 mg/L	0.5015 mg/L	13:58:22
2	Mo 202.031†	5870.3	5694.6	0.4919 mg/L	0.4919 mg/L	13:58:48

Ca 315.886	73.48	106.1	0.079	mg/L	36.3
Cd 228.802	0.0173	0.0170	0.000	mg/L	1.9
Co 228.616	0.0485	0.0611	0.000	mg/L	23.0
Cr 267.716	0.2143	0.2960	0.001	mg/L	32.0
Cu 324.752	0.3704	0.4161	0.000	mg/L	11.6
Fe 238.204	116.5	142.7	0.061	mg/L	20.2
Fe 234.349	131.7	164.5	0.196	mg/L	22.2
Mg 279.077	31.07	42.84	0.067	mg/L	31.8
Mn 257.610	2.866	3.728	0.005	mg/L	26.1
Mo 202.031	0.0135	0.0155	0.000	mg/L	14.3
Na 330.237	6.598	7.692	0.011	mg/L	15.3
Ni 231.604	0.1156	0.1615	0.000	mg/L	33.1
Pb 220.353	0.6634	0.6913	0.001	mg/L	4.1
Sb 206.836	-0.0080	-0.0107	0.001	mg/L	-28.8
Se 196.026	-0.0157	-0.0197	0.004	mg/L	-22.6
Sn 189.927	0.0241	0.0329	0.002	mg/L	30.7
Ti 337.279	5.894	6.865	0.012	mg/L	15.2
Tl 190.801	-0.0044	-0.0127	0.001	mg/L	-97.8
V 292.402	0.2979	0.3784	0.001	mg/L	23.8
Zn 213.857	2.427	2.667	0.002	mg/L	9.4

Sequence No.: 76

Sample ID: CCV

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/3/2006 6:42:38 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: CCV

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2462961.4	2462961.4	1.01 mg/L		18:44:12
1	Ag 328.068†	85820.4	84584.5	0.2506 mg/L	0.2506 mg/L	18:44:17
1	Al 237.313†	21956.3	21926.0	2.484 mg/L	2.484 mg/L	18:44:17
1	As 188.979†	393.8	400.2	0.4817 mg/L	0.4817 mg/L	18:44:37
1	B 182.528†	597.0	605.0	0.4966 mg/L	0.4966 mg/L	18:44:37
1	Ba 233.527†	93270.4	92082.3	0.5080 mg/L	0.5080 mg/L	18:44:17
1	Be 313.107†	275671.4	268246.6	0.0508 mg/L	0.0508 mg/L	18:44:12
1	Ca 315.886†	630385.0	623019.9	5.100 mg/L	5.100 mg/L	18:44:12
1	Cd 228.802†	21776.2	20999.4	0.2505 mg/L	0.2505 mg/L	18:44:17
1	Co 228.616†	34888.1	34652.4	0.5064 mg/L	0.5064 mg/L	18:44:17
1	Cr 267.716†	71485.4	68461.5	0.5048 mg/L	0.5048 mg/L	18:44:17
1	Cu 324.752†	138193.7	133889.6	0.5139 mg/L	0.5139 mg/L	18:44:17
1	Fe 238.204†	318159.2	297528.1	2.487 mg/L	2.487 mg/L	18:44:17
1	Fe 234.349†	97504.8	90886.4	2.492 mg/L	2.492 mg/L	18:44:17
1	Mg 279.077†	93998.6	93029.1	5.080 mg/L	5.080 mg/L	18:44:17
1	Mn 257.610†	530654.9	520290.9	0.5069 mg/L	0.5069 mg/L	18:44:12
1	Mo 202.031†	5945.4	5808.1	0.5017 mg/L	0.5017 mg/L	18:44:37
1	Na 330.237†	22451.5	20896.7	24.39 mg/L	24.39 mg/L	18:44:17
1	Ni 231.604†	26364.2	25815.3	0.5040 mg/L	0.5040 mg/L	18:44:17
1	Pb 220.353†	4387.9	4334.3	0.5050 mg/L	0.5050 mg/L	18:44:37
1	Sb 206.836†	2116.5	2036.1	0.4967 mg/L	0.4967 mg/L	18:44:37
1	Se 196.026†	669.6	679.6	1.037 mg/L	1.037 mg/L	18:44:37
1	Sn 189.927†	1407.8	1237.5	0.4741 mg/L	0.4741 mg/L	18:44:37
1	Ti 337.279†	354764.8	349549.5	0.4996 mg/L	0.4996 mg/L	18:44:12
1	Tl 190.801†	594.8	607.0	0.6007 mg/L	0.6007 mg/L	18:44:37
1	V 292.402†	116790.7	113650.3	0.5062 mg/L	0.5062 mg/L	18:44:17
1	Zn 213.857†	50615.6	48344.5	0.5101 mg/L	0.5101 mg/L	18:44:17
2	Y 360.073	2455315.1	2455315.1	1.01 mg/L		18:44:44
2	Ag 328.068†	85832.7	84860.8	0.2514 mg/L	0.2514 mg/L	18:44:50
2	Al 237.313†	21989.7	22026.7	2.495 mg/L	2.495 mg/L	18:44:50
2	As 188.979†	398.7	406.3	0.4891 mg/L	0.4891 mg/L	18:45:10
2	B 182.528†	599.2	608.9	0.4999 mg/L	0.4999 mg/L	18:45:10
2	Ba 233.527†	92993.8	92095.1	0.5081 mg/L	0.5081 mg/L	18:44:50
2	Be 313.107†	273981.6	267419.7	0.0506 mg/L	0.0506 mg/L	18:44:44
2	Ca 315.886†	626367.4	620976.8	5.084 mg/L	5.084 mg/L	18:44:44
2	Cd 228.802†	21709.4	21000.1	0.2505 mg/L	0.2505 mg/L	18:44:50
2	Co 228.616†	34825.2	34697.4	0.5071 mg/L	0.5071 mg/L	18:44:50
2	Cr 267.716†	71299.5	68497.2	0.5050 mg/L	0.5050 mg/L	18:44:50
2	Cu 324.752†	138561.1	134679.3	0.5170 mg/L	0.5170 mg/L	18:44:50

2	Fe 238.204†	316961.8	297320.3	2.486 mg/L	2.486 mg/L	18:44:50
2	Fe 234.349†	97145.6	90830.3	2.490 mg/L	2.490 mg/L	18:44:50
2	Mg 279.077†	93633.9	92956.8	5.076 mg/L	5.076 mg/L	18:44:50
2	Mn 257.610†	527691.1	518985.7	0.5056 mg/L	0.5056 mg/L	18:44:44
2	Mo 202.031†	5959.9	5840.8	0.5045 mg/L	0.5045 mg/L	18:45:10
2	Na 330.237†	22582.0	21095.2	24.62 mg/L	24.62 mg/L	18:44:50
2	Ni 231.604†	26252.6	25785.8	0.5034 mg/L	0.5034 mg/L	18:44:50
2	Pb 220.353†	4368.4	4328.5	0.5044 mg/L	0.5044 mg/L	18:45:10
2	Sb 206.836†	2121.5	2047.6	0.4995 mg/L	0.4995 mg/L	18:45:10
2	Se 196.026†	662.3	674.5	1.029 mg/L	1.029 mg/L	18:45:10
2	Sn 189.927†	1395.4	1229.5	0.4710 mg/L	0.4710 mg/L	18:45:10
2	Ti 337.279†	353868.1	349752.4	0.4999 mg/L	0.4999 mg/L	18:44:44
2	Tl 190.801†	600.8	614.8	0.6082 mg/L	0.6082 mg/L	18:45:10
2	V 292.402†	116672.3	113892.3	0.5073 mg/L	0.5073 mg/L	18:44:50
2	Zn 213.857†	50456.3	48342.4	0.5101 mg/L	0.5101 mg/L	18:44:50

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2459138.3	1.01 mg/L	0.002			
Ag 328.068†	84722.7	0.2510 mg/L	0.00058	0.2510 mg/L	0.00058	0.23%
QC value within limits for Ag 328.068		Recovery = 100.39%				
Al 237.313†	21976.3	2.490 mg/L	0.0081	2.490 mg/L	0.0081	0.33%
QC value within limits for Al 237.313		Recovery = 99.58%				
As 188.979†	403.3	0.4854 mg/L	0.00518	0.4854 mg/L	0.00518	1.07%
QC value within limits for As 188.979		Recovery = 97.08%				
B 182.528†	606.9	0.4983 mg/L	0.00229	0.4983 mg/L	0.00229	0.46%
QC value within limits for B 182.528		Recovery = 99.65%				
Ba 233.527†	92088.7	0.5080 mg/L	0.00005	0.5080 mg/L	0.00005	0.01%
QC value within limits for Ba 233.527		Recovery = 101.61%				
Be 313.107†	267833.2	0.0507 mg/L	0.00011	0.0507 mg/L	0.00011	0.22%
QC value within limits for Be 313.107		Recovery = 101.40%				
Ca 315.886†	621998.4	5.092 mg/L	0.0118	5.092 mg/L	0.0118	0.23%
QC value within limits for Ca 315.886		Recovery = 101.84%				
Cd 228.802†	20999.8	0.2505 mg/L	0.00001	0.2505 mg/L	0.00001	0.00%
QC value within limits for Cd 228.802		Recovery = 100.20%				
Co 228.616†	34674.9	0.5068 mg/L	0.00047	0.5068 mg/L	0.00047	0.09%
QC value within limits for Co 228.616		Recovery = 101.35%				
Cr 267.716†	68479.3	0.5049 mg/L	0.00019	0.5049 mg/L	0.00019	0.04%
QC value within limits for Cr 267.716		Recovery = 100.98%				
Cu 324.752†	134284.5	0.5154 mg/L	0.00214	0.5154 mg/L	0.00214	0.42%
QC value within limits for Cu 324.752		Recovery = 103.09%				
Fe 238.204†	297424.2	2.486 mg/L	0.0012	2.486 mg/L	0.0012	0.05%
QC value within limits for Fe 238.204		Recovery = 99.46%				
Fe 234.349†	90858.4	2.491 mg/L	0.0011	2.491 mg/L	0.0011	0.04%
QC value within limits for Fe 234.349		Recovery = 99.64%				
Mg 279.077†	92993.0	5.078 mg/L	0.0028	5.078 mg/L	0.0028	0.05%
QC value within limits for Mg 279.077		Recovery = 101.55%				
Mn 257.610†	519638.3	0.5063 mg/L	0.00090	0.5063 mg/L	0.00090	0.18%
QC value within limits for Mn 257.610		Recovery = 101.26%				
Mo 202.031†	5824.4	0.5031 mg/L	0.00199	0.5031 mg/L	0.00199	0.40%
QC value within limits for Mo 202.031		Recovery = 100.62%				
Na 330.237†	20995.9	24.51 mg/L	0.160	24.51 mg/L	0.160	0.65%
QC value within limits for Na 330.237		Recovery = 98.03%				
Ni 231.604†	25800.6	0.5037 mg/L	0.00041	0.5037 mg/L	0.00041	0.08%
QC value within limits for Ni 231.604		Recovery = 100.73%				
Pb 220.353†	4331.4	0.5047 mg/L	0.00047	0.5047 mg/L	0.00047	0.09%
QC value within limits for Pb 220.353		Recovery = 100.94%				
Sb 206.836†	2041.8	0.4981 mg/L	0.00200	0.4981 mg/L	0.00200	0.40%
QC value within limits for Sb 206.836		Recovery = 99.62%				
Se 196.026†	677.0	1.033 mg/L	0.0055	1.033 mg/L	0.0055	0.54%
QC value within limits for Se 196.026		Recovery = 103.30%				
Sn 189.927†	1233.5	0.4725 mg/L	0.00221	0.4725 mg/L	0.00221	0.47%
QC value within limits for Sn 189.927		Recovery = 94.51%				
Ti 337.279†	349651.0	0.4997 mg/L	0.00020	0.4997 mg/L	0.00020	0.04%
QC value within limits for Ti 337.279		Recovery = 99.94%				
Tl 190.801†	610.9	0.6044 mg/L	0.00529	0.6044 mg/L	0.00529	0.88%
QC value greater than the upper limit for Tl 190.801		Recovery = 120.89%				
V 292.402†	113771.3	0.5068 mg/L	0.00076	0.5068 mg/L	0.00076	0.15%
QC value within limits for V 292.402		Recovery = 101.36%				

Zn 213.857† 48343.4 0.5101 mg/L 0.00001 0.5101 mg/L 0.00001 0.00%

QC value within limits for Zn 213.857 Recovery = 102.02%

QC Failed. Continue with analysis.

Sequence No.: 77

Sample ID: ICCB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 1

Date Collected: 8/3/2006 6:46:47 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: ICCB

Repl#	Analyte	Net	Corrected	Calib.		Sample		Analysis Time
		Intensity	Intensity	Conc.	Units	Conc.	Units	
1	Y 360.073	2433406.2	2433406.2	1.000	mg/L			18:48:18
1	Ag 328.068†	216.4	-25.6	0.0005	mg/L	0.0005	mg/L	18:48:24
1	Al 237.313†	-196.9	26.9	0.0102	mg/L	0.0102	mg/L	18:48:44
1	As 188.979†	-10.3	0.7	0.0014	mg/L	0.0014	mg/L	18:48:44
1	B 182.528†	-23.2	-8.4	-0.0070	mg/L	-0.0070	mg/L	18:48:44
1	Ba 233.527†	120.7	12.7	-0.0017	mg/L	-0.0017	mg/L	18:48:44
1	Be 313.107†	4189.3	-41.4	0.0001	mg/L	0.0001	mg/L	18:48:18
1	Ca 315.886†	486.1	421.3	0.0085	mg/L	0.0085	mg/L	18:48:24
1	Cd 228.802†	519.3	-5.2	0.0006	mg/L	0.0006	mg/L	18:48:44
1	Co 228.616†	-155.0	13.3	-0.0013	mg/L	-0.0013	mg/L	18:48:44
1	Cr 267.716†	2101.3	-93.9	0.0000	mg/L	0.0000	mg/L	18:48:44
1	Cu 324.752†	4467.2	1765.4	0.0073	mg/L	0.0073	mg/L	18:48:24
1	Fe 238.204†	8103.9	-8839.3	-0.0656	mg/L	-0.0656	mg/L	18:48:24
1	Fe 234.349†	2820.7	-2667.4	-0.0704	mg/L	-0.0704	mg/L	18:48:44
1	Mg 279.077†	110.7	229.8	0.0194	mg/L	0.0194	mg/L	18:48:24
1	Mn 257.610†	1866.5	-2351.4	-0.0033	mg/L	-0.0033	mg/L	18:48:44
1	Mo 202.031†	80.3	11.9	0.0025	mg/L	0.0025	mg/L	18:48:44
1	Na 330.237†	1192.9	-101.4	0.4870	mg/L	0.4870	mg/L	18:48:24
1	Ni 231.604†	126.2	-117.3	-0.0029	mg/L	-0.0029	mg/L	18:48:44
1	Pb 220.353†	-13.8	-16.5	0.0001	mg/L	0.0001	mg/L	18:48:44
1	Sb 206.836†	53.0	-2.9	-0.0002	mg/L	-0.0002	mg/L	18:48:44
1	Se 196.026†	-16.5	1.3	0.0040	mg/L	0.0040	mg/L	18:48:44
1	Sn 189.927†	98.3	-55.7	-0.0333	mg/L	-0.0333	mg/L	18:48:44
1	Ti 337.279†	1223.4	116.9	0.0007	mg/L	0.0007	mg/L	18:48:24
1	Tl 190.801†	-7.1	11.9	0.0266	mg/L	0.0266	mg/L	18:48:44
1	V 292.402†	1738.4	-48.8	0.0005	mg/L	0.0005	mg/L	18:48:24
1	Zn 213.857†	1839.4	155.2	0.0009	mg/L	0.0009	mg/L	18:48:44
2	Y 360.073	2444066.1	2444066.1	1.00	mg/L			18:48:50
2	Ag 328.068†	239.3	-3.7	0.0005	mg/L	0.0005	mg/L	18:48:55
2	Al 237.313†	-197.7	27.0	0.0102	mg/L	0.0102	mg/L	18:49:15
2	As 188.979†	-12.4	-1.4	-0.0011	mg/L	-0.0011	mg/L	18:49:15
2	B 182.528†	-15.8	-0.9	-0.0008	mg/L	-0.0008	mg/L	18:49:15
2	Ba 233.527†	99.2	-9.2	-0.0019	mg/L	-0.0019	mg/L	18:49:15
2	Be 313.107†	4010.3	-237.9	0.0001	mg/L	0.0001	mg/L	18:48:50
2	Ca 315.886†	429.5	362.8	0.0080	mg/L	0.0080	mg/L	18:48:55
2	Cd 228.802†	536.3	9.5	0.0008	mg/L	0.0008	mg/L	18:49:15
2	Co 228.616†	-164.3	4.7	-0.0014	mg/L	-0.0014	mg/L	18:49:15
2	Cr 267.716†	2113.6	-90.8	0.0000	mg/L	0.0000	mg/L	18:49:15
2	Cu 324.752†	4408.9	1687.8	0.0070	mg/L	0.0070	mg/L	18:48:55
2	Fe 238.204†	8327.7	-8651.8	-0.0640	mg/L	-0.0640	mg/L	18:48:55
2	Fe 234.349†	2833.6	-2666.8	-0.0704	mg/L	-0.0704	mg/L	18:49:15
2	Mg 279.077†	131.4	250.0	0.0205	mg/L	0.0205	mg/L	18:48:55
2	Mn 257.610†	1832.4	-2393.6	-0.0034	mg/L	-0.0034	mg/L	18:49:15
2	Mo 202.031†	79.1	10.3	0.0024	mg/L	0.0024	mg/L	18:49:15
2	Na 330.237†	1234.2	-65.5	0.5279	mg/L	0.5279	mg/L	18:48:55
2	Ni 231.604†	132.6	-111.5	-0.0028	mg/L	-0.0028	mg/L	18:49:15
2	Pb 220.353†	-5.1	-7.8	0.0011	mg/L	0.0011	mg/L	18:49:15
2	Sb 206.836†	51.5	-4.6	-0.0006	mg/L	-0.0006	mg/L	18:49:15
2	Se 196.026†	-17.3	0.5	0.0029	mg/L	0.0029	mg/L	18:49:15
2	Sn 189.927†	89.6	-64.8	-0.0369	mg/L	-0.0369	mg/L	18:49:15
2	Ti 337.279†	1131.8	20.4	0.0006	mg/L	0.0006	mg/L	18:48:55
2	Tl 190.801†	-21.9	-2.8	0.0124	mg/L	0.0124	mg/L	18:49:15
2	V 292.402†	1841.5	46.2	0.0009	mg/L	0.0009	mg/L	18:48:55
2	Zn 213.857†	1778.0	86.0	0.0002	mg/L	0.0002	mg/L	18:49:15

Mean Data: ICCB

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2438736.2	1.00 mg/L	0.003			0.31%
Ag 328.068†	-14.7	0.0005 mg/L	0.00005	0.0005 mg/L	0.00005	8.90%
QC value within limits for Ag 328.068 Recovery = Not calculated						
Al 237.313†	26.9	0.0102 mg/L	0.00001	0.0102 mg/L	0.00001	0.05%
QC value within limits for Al 237.313 Recovery = Not calculated						
As 188.979†	-0.4	0.0002 mg/L	0.00180	0.0002 mg/L	0.00180	>999.9%
QC value within limits for As 188.979 Recovery = Not calculated						
B 182.528†	-4.6	-0.0039 mg/L	0.00435	-0.0039 mg/L	0.00435	110.85%
QC value within limits for B 182.528 Recovery = Not calculated						
Ba 233.527†	1.8	-0.0018 mg/L	0.00009	-0.0018 mg/L	0.00009	4.76%
QC value within limits for Ba 233.527 Recovery = Not calculated						
Be 313.107†	-139.6	0.0001 mg/L	0.00003	0.0001 mg/L	0.00003	37.44%
QC value within limits for Be 313.107 Recovery = Not calculated						
Ca 315.886†	392.1	0.0083 mg/L	0.00034	0.0083 mg/L	0.00034	4.09%
QC value within limits for Ca 315.886 Recovery = Not calculated						
Cd 228.802†	2.2	0.0007 mg/L	0.00013	0.0007 mg/L	0.00013	18.05%
QC value within limits for Cd 228.802 Recovery = Not calculated						
Co 228.616†	9.0	-0.0014 mg/L	0.00009	-0.0014 mg/L	0.00009	6.54%
QC value within limits for Co 228.616 Recovery = Not calculated						
Cr 267.716†	-92.4	0.0000 mg/L	0.00002	0.0000 mg/L	0.00002	67.63%
QC value within limits for Cr 267.716 Recovery = Not calculated						
Cu 324.752†	1726.6	0.0072 mg/L	0.00021	0.0072 mg/L	0.00021	2.94%
QC value within limits for Cu 324.752 Recovery = Not calculated						
Fe 238.204†	-8745.6	-0.0648 mg/L	0.00111	-0.0648 mg/L	0.00111	1.71%
QC value less than the lower limit for Fe 238.204 Recovery = Not calculated						
Fe 234.349†	-2667.1	-0.0704 mg/L	0.00001	-0.0704 mg/L	0.00001	0.01%
QC value less than the lower limit for Fe 234.349 Recovery = Not calculated						
Mg 279.077†	239.9	0.0200 mg/L	0.00078	0.0200 mg/L	0.00078	3.89%
QC value within limits for Mg 279.077 Recovery = Not calculated						
Mn 257.610†	-2372.5	-0.0034 mg/L	0.00003	-0.0034 mg/L	0.00003	0.87%
QC value within limits for Mn 257.610 Recovery = Not calculated						
Mo 202.031†	11.1	0.0025 mg/L	0.00010	0.0025 mg/L	0.00010	3.84%
QC value within limits for Mo 202.031 Recovery = Not calculated						
Na 330.237†	-83.4	0.5075 mg/L	0.02893	0.5075 mg/L	0.02893	5.70%
QC value within limits for Na 330.237 Recovery = Not calculated						
Ni 231.604†	-114.4	-0.0029 mg/L	0.00008	-0.0029 mg/L	0.00008	2.79%
QC value within limits for Ni 231.604 Recovery = Not calculated						
Pb 220.353†	-12.2	0.0006 mg/L	0.00071	0.0006 mg/L	0.00071	123.46%
QC value within limits for Pb 220.353 Recovery = Not calculated						
Sb 206.836†	-3.8	-0.0004 mg/L	0.00030	-0.0004 mg/L	0.00030	79.46%
QC value within limits for Sb 206.836 Recovery = Not calculated						
Se 196.026†	0.9	0.0035 mg/L	0.00083	0.0035 mg/L	0.00083	23.95%
QC value within limits for Se 196.026 Recovery = Not calculated						
Sn 189.927†	-60.3	-0.0351 mg/L	0.00253	-0.0351 mg/L	0.00253	7.21%
QC value within limits for Sn 189.927 Recovery = Not calculated						
Ti 337.279†	68.6	0.0007 mg/L	0.00010	0.0007 mg/L	0.00010	14.52%
QC value within limits for Ti 337.279 Recovery = Not calculated						
Tl 190.801†	4.6	0.0195 mg/L	0.01002	0.0195 mg/L	0.01002	51.40%
QC value within limits for Tl 190.801 Recovery = Not calculated						
V 292.402†	-1.3	0.0007 mg/L	0.00030	0.0007 mg/L	0.00030	43.23%
QC value within limits for V 292.402 Recovery = Not calculated						
Zn 213.857†	120.6	0.0005 mg/L	0.00052	0.0005 mg/L	0.00052	96.08%
QC value within limits for Zn 213.857 Recovery = Not calculated						

QC Failed. Continue with analysis.

Sequence No.: 78
 Sample ID: BH60315-MS2
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 64
 Date Collected: 8/3/2006 6:50:51 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: BH60315-MS2

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2547342.3	2547342.3	1.05 mg/L		18:52:39
1	Ag 328.068†	82245.9	78358.5	0.2323 mg/L	0.2323 mg/L	18:52:45

2	As 188.979†	-9.1	2.0	0.0054 mg/L	0.0054 mg/L	19:19:47
2	B 182.528†	-3.5	11.4	0.0092 mg/L	0.0092 mg/L	19:19:47
2	Ba 233.527†	19403.7	19037.3	0.1036 mg/L	0.1036 mg/L	19:19:26
2	Be 313.107†	6798.8	2475.8	0.0006 mg/L	0.0006 mg/L	19:19:21
2	Ca 315.886†	732579.6	722760.7	5.915 mg/L	5.915 mg/L	19:19:21
2	Cd 228.802†	609.8	77.0	0.0011 mg/L	0.0011 mg/L	19:19:47
2	Co 228.616†	409.1	572.0	0.0061 mg/L	0.0061 mg/L	19:19:47
2	Cr 267.716†	4686.1	2427.6	0.0193 mg/L	0.0193 mg/L	19:19:26
2	Cu 324.752†	15170.6	12264.9	0.0477 mg/L	0.0477 mg/L	19:19:26
2	Fe 238.204†	2142615.6	2097141.0	17.48 mg/L	17.48 mg/L	19:19:21
2	Fe 234.349†	662247.3	647940.5	17.78 mg/L	17.78 mg/L	19:19:21
2	Mg 279.077†	65593.8	64839.5	3.510 mg/L	3.510 mg/L	19:19:26
2	Mn 257.610†	397506.2	387994.8	0.3783 mg/L	0.3783 mg/L	19:19:21
2	Mo 202.031†	72.0	2.6	0.0030 mg/L	0.0030 mg/L	19:19:47
2	Na 330.237†	1896.7	576.6	1.326 mg/L	1.326 mg/L	19:19:26
2	Ni 231.604†	1034.9	777.5	0.0146 mg/L	0.0146 mg/L	19:19:47
2	Pb 220.353†	4161.6	4103.5	0.4766 mg/L	0.4766 mg/L	19:19:26
2	Sb 206.836†	47.7	-8.8	-0.0019 mg/L	-0.0019 mg/L	19:19:47
2	Se 196.026†	-22.6	-4.5	-0.0047 mg/L	-0.0047 mg/L	19:19:47
2	Sn 189.927†	129.0	-26.8	-0.0211 mg/L	-0.0211 mg/L	19:19:47
2	Ti 337.279†	287136.9	282206.8	0.4034 mg/L	0.4034 mg/L	19:19:21
2	Tl 190.801†	-26.2	-6.8	0.0148 mg/L	0.0148 mg/L	19:19:47
2	V 292.402†	7318.3	5432.8	0.0245 mg/L	0.0245 mg/L	19:19:26
2	Zn 213.857†	17968.4	16044.2	0.1701 mg/L	0.1701 mg/L	19:19:26

Mean Data: 0607431-01X10

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc. Units	Sample Std.Dev.	RSD
Y 360.073	2464480.3	1.01	mg/L	0.002			0.16%
Ag 328.068†	-22.1	0.0005	mg/L	0.00009	0.0005 mg/L	0.00009	17.88%
Al 237.313†	76756.6	8.624	mg/L	0.0080	8.624 mg/L	0.0080	0.09%
As 188.979†	1.2	0.0045	mg/L	0.00134	0.0045 mg/L	0.00134	29.87%
B 182.528†	11.4	0.0092	mg/L	0.00007	0.0092 mg/L	0.00007	0.72%
Ba 233.527†	19048.5	0.1037	mg/L	0.00009	0.1037 mg/L	0.00009	0.08%
Be 313.107†	2479.0	0.0006	mg/L	0.00000	0.0006 mg/L	0.00000	0.16%
Ca 315.886†	724628.5	5.931	mg/L	0.0216	5.931 mg/L	0.0216	0.36%
Cd 228.802†	72.6	0.0011	mg/L	0.00007	0.0011 mg/L	0.00007	6.69%
Co 228.616†	565.8	0.0060	mg/L	0.00013	0.0060 mg/L	0.00013	2.15%
Cr 267.716†	2456.9	0.0195	mg/L	0.00031	0.0195 mg/L	0.00031	1.57%
Cu 324.752†	12292.5	0.0478	mg/L	0.00015	0.0478 mg/L	0.00015	0.31%
Fe 238.204†	2101325.4	17.51	mg/L	0.049	17.51 mg/L	0.049	0.28%
Fe 234.349†	648925.9	17.81	mg/L	0.038	17.81 mg/L	0.038	0.21%
Mg 279.077†	64948.8	3.515	mg/L	0.0084	3.515 mg/L	0.0084	0.24%
Mn 257.610†	388688.0	0.3790	mg/L	0.00096	0.3790 mg/L	0.00096	0.25%
Mo 202.031†	2.2	0.0030	mg/L	0.00004	0.0030 mg/L	0.00004	1.46%
Na 330.237†	570.9	1.320	mg/L	0.0091	1.320 mg/L	0.0091	0.69%
Ni 231.604†	767.0	0.0143	mg/L	0.00029	0.0143 mg/L	0.00029	2.02%
Pb 220.353†	4095.3	0.4756	mg/L	0.00134	0.4756 mg/L	0.00134	0.28%
Sb 206.836†	-7.2	-0.0015	mg/L	0.00054	-0.0015 mg/L	0.00054	37.15%
Se 196.026†	-2.2	-0.0012	mg/L	0.00502	-0.0012 mg/L	0.00502	421.61%
Sn 189.927†	-19.6	-0.0182	mg/L	0.00401	-0.0182 mg/L	0.00401	21.98%
Ti 337.279†	282352.0	0.4036	mg/L	0.00029	0.4036 mg/L	0.00029	0.07%
Tl 190.801†	-8.1	0.0135	mg/L	0.00178	0.0135 mg/L	0.00178	13.16%
V 292.402†	5450.9	0.0246	mg/L	0.00011	0.0246 mg/L	0.00011	0.47%
Zn 213.857†	16048.9	0.1701	mg/L	0.00007	0.1701 mg/L	0.00007	0.04%

Sequence No.: 85
 Sample ID: 0608042-01X10
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 71
 Date Collected: 8/3/2006 7:21:24 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: 0608042-01X10

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2489055.8	2489055.8	1.02 mg/L		19:22:57
1	Ag 328.068†	18178.2	17537.2	0.0525 mg/L	0.0525 mg/L	19:23:03
1	Al 237.313†	26729.0	26366.4	2.962 mg/L	2.962 mg/L	19:23:03

1	As 188.979†	-1.6	9.4	0.0125 mg/L	0.0125 mg/L	19:23:23
1	B 182.528†	-9.3	5.7	0.0046 mg/L	0.0046 mg/L	19:23:23
1	Ba 233.527†	20460.7	19903.8	0.1081 mg/L	0.1081 mg/L	19:23:03
1	Be 313.107†	7785.6	3382.4	0.0008 mg/L	0.0008 mg/L	19:22:57
1	Ca 315.886†	254474.8	248826.0	2.041 mg/L	2.041 mg/L	19:22:57
1	Cd 228.802†	717.3	176.8	0.0025 mg/L	0.0025 mg/L	19:23:23
1	Co 228.616†	109.1	275.0	0.0022 mg/L	0.0022 mg/L	19:23:23
1	Cr 267.716†	23532.3	20819.9	0.1544 mg/L	0.1544 mg/L	19:23:03
1	Cu 324.752†	1271623.2	1241016.8	4.757 mg/L	4.757 mg/L	19:22:57
1	Fe 238.204†	850429.3	814821.9	6.796 mg/L	6.796 mg/L	19:22:57
1	Fe 234.349†	259852.5	248661.4	6.825 mg/L	6.825 mg/L	19:22:57
1	Mg 279.077†	12125.6	11978.6	0.6461 mg/L	0.6461 mg/L	19:23:03
1	Mn 257.610†	88734.7	82568.8	0.0798 mg/L	0.0798 mg/L	19:23:03
1	Mo 202.031†	104.2	33.5	0.0052 mg/L	0.0052 mg/L	19:23:23
1	Na 330.237†	1841.9	506.7	1.191 mg/L	1.191 mg/L	19:23:03
1	Ni 231.604†	2310.9	2016.7	0.0388 mg/L	0.0388 mg/L	19:23:23
1	Pb 220.353†	4972.5	4860.7	0.5638 mg/L	0.5638 mg/L	19:23:03
1	Sb 206.836†	66.3	9.0	0.0009 mg/L	0.0009 mg/L	19:23:23
1	Se 196.026†	-16.8	1.3	0.0041 mg/L	0.0041 mg/L	19:23:23
1	Sn 189.927†	293.4	132.9	0.0408 mg/L	0.0408 mg/L	19:23:23
1	Ti 337.279†	92467.7	89331.7	0.1281 mg/L	0.1281 mg/L	19:23:03
1	Tl 190.801†	-13.6	5.8	0.0186 mg/L	0.0186 mg/L	19:23:23
1	V 292.402†	116160.4	111823.6	0.4959 mg/L	0.4959 mg/L	19:23:03
1	Zn 213.857†	28485.0	26175.0	0.2750 mg/L	0.2750 mg/L	19:23:03
2	Y 360.073	2461766.4	2461766.4	1.01 mg/L		19:23:30
2	Ag 328.068†	17954.3	17512.9	0.0524 mg/L	0.0524 mg/L	19:23:35
2	Al 237.313†	26376.7	26307.8	2.956 mg/L	2.956 mg/L	19:23:35
2	As 188.979†	0.8	11.8	0.0154 mg/L	0.0154 mg/L	19:23:55
2	B 182.528†	-4.7	10.2	0.0082 mg/L	0.0082 mg/L	19:23:55
2	Ba 233.527†	20234.5	19901.9	0.1081 mg/L	0.1081 mg/L	19:23:35
2	Be 313.107†	7855.7	3536.1	0.0008 mg/L	0.0008 mg/L	19:23:30
2	Ca 315.886†	248942.7	246114.3	2.019 mg/L	2.019 mg/L	19:23:30
2	Cd 228.802†	716.3	183.6	0.0026 mg/L	0.0026 mg/L	19:23:55
2	Co 228.616†	89.1	256.5	0.0019 mg/L	0.0019 mg/L	19:23:55
2	Cr 267.716†	23228.5	20774.5	0.1540 mg/L	0.1540 mg/L	19:23:35
2	Cu 324.752†	1241964.1	1225473.9	4.698 mg/L	4.698 mg/L	19:23:30
2	Fe 238.204†	831800.1	805619.9	6.720 mg/L	6.720 mg/L	19:23:30
2	Fe 234.349†	253968.3	245659.8	6.743 mg/L	6.743 mg/L	19:23:30
2	Mg 279.077†	12008.3	11994.1	0.6471 mg/L	0.6471 mg/L	19:23:35
2	Mn 257.610†	87817.9	82624.3	0.0798 mg/L	0.0798 mg/L	19:23:35
2	Mo 202.031†	103.2	33.6	0.0052 mg/L	0.0052 mg/L	19:23:55
2	Na 330.237†	1854.1	538.7	1.227 mg/L	1.227 mg/L	19:23:35
2	Ni 231.604†	2280.5	2011.7	0.0387 mg/L	0.0387 mg/L	19:23:55
2	Pb 220.353†	4902.9	4845.7	0.5620 mg/L	0.5620 mg/L	19:23:35
2	Sb 206.836†	78.8	22.0	0.0041 mg/L	0.0041 mg/L	19:23:55
2	Se 196.026†	-14.8	3.1	0.0069 mg/L	0.0069 mg/L	19:23:55
2	Sn 189.927†	286.7	129.5	0.0395 mg/L	0.0395 mg/L	19:23:55
2	Ti 337.279†	91583.9	89460.2	0.1283 mg/L	0.1283 mg/L	19:23:35
2	Tl 190.801†	-19.1	0.2	0.0132 mg/L	0.0132 mg/L	19:23:55
2	V 292.402†	115055.2	111990.1	0.4966 mg/L	0.4966 mg/L	19:23:35
2	Zn 213.857†	28252.1	26253.5	0.2759 mg/L	0.2759 mg/L	19:23:35

Mean Data: 0608042-01X10

Analyte	Mean Corrected		Calib Conc. Units	Std.Dev.	Sample		RSD	
	Intensity	Conc.			Conc.	Units		Std.Dev.
Y 360.073	2475411.1	1.02	mg/L	0.008			0.78%	
Ag 328.068†	17525.0	0.0525	mg/L	0.00005	0.0525	mg/L	0.00005	0.10%
Al 237.313†	26337.1	2.959	mg/L	0.0043	2.959	mg/L	0.0043	0.15%
As 188.979†	10.6	0.0139	mg/L	0.00204	0.0139	mg/L	0.00204	14.66%
B 182.528†	8.0	0.0064	mg/L	0.00261	0.0064	mg/L	0.00261	40.72%
Ba 233.527†	19902.8	0.1081	mg/L	0.00001	0.1081	mg/L	0.00001	0.01%
Be 313.107†	3459.2	0.0008	mg/L	0.00002	0.0008	mg/L	0.00002	2.63%
Ca 315.886†	247470.1	2.030	mg/L	0.0157	2.030	mg/L	0.0157	0.77%
Cd 228.802†	180.2	0.0026	mg/L	0.00005	0.0026	mg/L	0.00005	2.06%
Co 228.616†	265.8	0.0021	mg/L	0.00019	0.0021	mg/L	0.00019	9.27%
Cr 267.716†	20797.2	0.1542	mg/L	0.00024	0.1542	mg/L	0.00024	0.15%
Cu 324.752†	1233245.3	4.727	mg/L	0.0421	4.727	mg/L	0.0421	0.89%
Fe 238.204†	810220.9	6.758	mg/L	0.0542	6.758	mg/L	0.0542	0.80%
Fe 234.349†	247160.6	6.784	mg/L	0.0582	6.784	mg/L	0.0582	0.86%
Mg 279.077†	11986.3	0.6466	mg/L	0.00072	0.6466	mg/L	0.00072	0.11%

Mn 257.610†	82596.5	0.0798 mg/L	0.00004	0.0798 mg/L	0.00004	0.05%
Mo 202.031†	33.5	0.0052 mg/L	0.00000	0.0052 mg/L	0.00000	0.07%
Na 330.237†	522.7	1.209 mg/L	0.0255	1.209 mg/L	0.0255	2.11%
Ni 231.604†	2014.2	0.0387 mg/L	0.00007	0.0387 mg/L	0.00007	0.18%
Pb 220.353†	4853.2	0.5629 mg/L	0.00122	0.5629 mg/L	0.00122	0.22%
Sb 206.836†	15.5	0.0025 mg/L	0.00229	0.0025 mg/L	0.00229	92.10%
Se 196.026†	2.2	0.0055 mg/L	0.00198	0.0055 mg/L	0.00198	36.06%
Sn 189.927†	131.2	0.0401 mg/L	0.00094	0.0401 mg/L	0.00094	2.35%
Ti 337.279†	89396.0	0.1282 mg/L	0.00013	0.1282 mg/L	0.00013	0.10%
Tl 190.801†	3.0	0.0159 mg/L	0.00384	0.0159 mg/L	0.00384	24.10%
V 292.402†	111906.8	0.4962 mg/L	0.00052	0.4962 mg/L	0.00052	0.10%
Zn 213.857†	26214.2	0.2755 mg/L	0.00061	0.2755 mg/L	0.00061	0.22%

Sequence No.: 86
 Sample ID: 0608042-02X20
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 72
 Date Collected: 8/3/2006 7:25:32 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: 0608042-02X20

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2487033.4	2487033.4	1.02 mg/L		19:27:06
1	Ag 328.068†	22276.8	21563.6	0.0644 mg/L	0.0644 mg/L	19:27:11
1	Al 237.313†	16156.0	16038.3	1.796 mg/L	1.796 mg/L	19:27:11
1	As 188.979†	-8.2	2.9	0.0045 mg/L	0.0045 mg/L	19:27:31
1	B 182.528†	-11.6	3.5	0.0028 mg/L	0.0028 mg/L	19:27:31
1	Ba 233.527†	10614.2	10281.8	0.0548 mg/L	0.0548 mg/L	19:27:11
1	Be 313.107†	6069.7	1708.9	0.0004 mg/L	0.0004 mg/L	19:27:06
1	Ca 315.886†	160820.8	157354.9	1.293 mg/L	1.293 mg/L	19:27:06
1	Cd 228.802†	716.2	176.4	0.0026 mg/L	0.0026 mg/L	19:27:31
1	Co 228.616†	18.4	186.3	0.0010 mg/L	0.0010 mg/L	19:27:31
1	Cr 267.716†	19295.7	16691.5	0.1239 mg/L	0.1239 mg/L	19:27:11
1	Cu 324.752†	1441381.5	1408196.5	5.398 mg/L	5.398 mg/L	19:27:06
1	Fe 238.204†	668644.2	637557.5	5.320 mg/L	5.320 mg/L	19:27:06
1	Fe 234.349†	203712.4	193915.1	5.323 mg/L	5.323 mg/L	19:27:06
1	Mg 279.077†	9427.3	9347.0	0.5057 mg/L	0.5057 mg/L	19:27:11
1	Mn 257.610†	94945.1	88718.5	0.0857 mg/L	0.0857 mg/L	19:27:11
1	Mo 202.031†	103.3	32.7	0.0050 mg/L	0.0050 mg/L	19:27:31
1	Na 330.237†	1551.9	224.3	0.8517 mg/L	0.8517 mg/L	19:27:11
1	Ni 231.604†	1817.1	1535.1	0.0294 mg/L	0.0294 mg/L	19:27:31
1	Pb 220.353†	6665.8	6522.0	0.7557 mg/L	0.7557 mg/L	19:27:11
1	Sb 206.836†	66.8	9.5	0.0014 mg/L	0.0014 mg/L	19:27:31
1	Se 196.026†	-18.9	-0.8	0.0010 mg/L	0.0010 mg/L	19:27:31
1	Sn 189.927†	591.3	424.7	0.1550 mg/L	0.1550 mg/L	19:27:31
1	Ti 337.279†	57243.6	54926.1	0.0790 mg/L	0.0790 mg/L	19:27:11
1	Tl 190.801†	-15.7	3.8	0.0172 mg/L	0.0172 mg/L	19:27:31
1	V 292.402†	98375.6	94507.2	0.4192 mg/L	0.4192 mg/L	19:27:11
1	Zn 213.857†	43765.5	41155.0	0.4340 mg/L	0.4340 mg/L	19:27:11
2	Y 360.073	2452975.7	2452975.7	1.01 mg/L		19:27:38
2	Ag 328.068†	22318.5	21907.8	0.0654 mg/L	0.0654 mg/L	19:27:43
2	Al 237.313†	16166.1	16267.8	1.822 mg/L	1.822 mg/L	19:27:43
2	As 188.979†	-6.2	4.8	0.0068 mg/L	0.0068 mg/L	19:28:03
2	B 182.528†	-14.2	0.7	0.0005 mg/L	0.0005 mg/L	19:28:03
2	Ba 233.527†	10596.1	10408.0	0.0555 mg/L	0.0555 mg/L	19:27:43
2	Be 313.107†	5985.3	1707.7	0.0004 mg/L	0.0004 mg/L	19:27:38
2	Ca 315.886†	158743.9	157479.4	1.294 mg/L	1.294 mg/L	19:27:38
2	Cd 228.802†	705.8	175.8	0.0026 mg/L	0.0026 mg/L	19:28:03
2	Co 228.616†	15.3	183.5	0.0010 mg/L	0.0010 mg/L	19:28:03
2	Cr 267.716†	19263.4	16921.7	0.1256 mg/L	0.1256 mg/L	19:27:43
2	Cu 324.752†	1421159.3	1407716.4	5.396 mg/L	5.396 mg/L	19:27:38
2	Fe 238.204†	660753.0	638813.2	5.330 mg/L	5.330 mg/L	19:27:38
2	Fe 234.349†	201403.5	194392.3	5.336 mg/L	5.336 mg/L	19:27:38
2	Mg 279.077†	9334.9	9383.5	0.5077 mg/L	0.5077 mg/L	19:27:43
2	Mn 257.610†	94630.1	89696.2	0.0867 mg/L	0.0867 mg/L	19:27:43
2	Mo 202.031†	104.1	34.9	0.0052 mg/L	0.0052 mg/L	19:28:03
2	Na 330.237†	1575.7	269.0	0.9022 mg/L	0.9022 mg/L	19:27:43
2	Ni 231.604†	1809.4	1552.2	0.0297 mg/L	0.0297 mg/L	19:28:03
2	Pb 220.353†	6648.8	6595.8	0.7642 mg/L	0.7642 mg/L	19:27:43

2	Sb 206.836†	71.6	15.2	0.0028 mg/L	0.0028 mg/L	19:28:03
2	Se 196.026†	-17.9	-0.0	0.0021 mg/L	0.0021 mg/L	19:28:03
2	Sn 189.927†	578.7	420.3	0.1532 mg/L	0.1532 mg/L	19:28:03
2	Ti 337.279†	57013.6	55475.7	0.0798 mg/L	0.0798 mg/L	19:27:43
2	Tl 190.801†	-20.3	-1.1	0.0125 mg/L	0.0125 mg/L	19:28:03
2	V 292.402†	98151.1	95621.4	0.4241 mg/L	0.4241 mg/L	19:27:43
2	Zn 213.857†	43729.4	41714.0	0.4399 mg/L	0.4399 mg/L	19:27:43

Mean Data: 0608042-02X20

Analyte	Mean Corrected		Calib		Sample		RSD
	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	
Y 360.073	2470004.5	1.01	mg/L	0.010			0.97%
Ag 328.068†	21735.7	0.0649	mg/L	0.00072	0.0649	mg/L	1.11%
Al 237.313†	16153.1	1.809	mg/L	0.0184	1.809	mg/L	1.02%
As 188.979†	3.9	0.0056	mg/L	0.00163	0.0056	mg/L	28.98%
B 182.528†	2.1	0.0016	mg/L	0.00162	0.0016	mg/L	100.01%
Ba 233.527†	10344.9	0.0552	mg/L	0.00049	0.0552	mg/L	0.89%
Be 313.107†	1708.3	0.0004	mg/L	0.00000	0.0004	mg/L	0.02%
Ca 315.886†	157417.1	1.293	mg/L	0.0007	1.293	mg/L	0.06%
Cd 228.802†	176.1	0.0026	mg/L	0.00001	0.0026	mg/L	0.42%
Co 228.616†	184.9	0.0010	mg/L	0.00003	0.0010	mg/L	3.04%
Cr 267.716†	16806.6	0.1247	mg/L	0.00120	0.1247	mg/L	0.96%
Cu 324.752†	1407956.5	5.397	mg/L	0.0013	5.397	mg/L	0.02%
Fe 238.204†	638185.4	5.325	mg/L	0.0074	5.325	mg/L	0.14%
Fe 234.349†	194153.7	5.330	mg/L	0.0093	5.330	mg/L	0.17%
Mg 279.077†	9365.2	0.5067	mg/L	0.00139	0.5067	mg/L	0.27%
Mn 257.610†	89207.3	0.0862	mg/L	0.00068	0.0862	mg/L	0.78%
Mo 202.031†	33.8	0.0051	mg/L	0.00014	0.0051	mg/L	2.67%
Na 330.237†	246.7	0.8770	mg/L	0.03571	0.8770	mg/L	4.07%
Ni 231.604†	1543.6	0.0295	mg/L	0.00024	0.0295	mg/L	0.80%
Pb 220.353†	6558.9	0.7599	mg/L	0.00603	0.7599	mg/L	0.79%
Sb 206.836†	12.3	0.0021	mg/L	0.00097	0.0021	mg/L	46.67%
Se 196.026†	-0.4	0.0015	mg/L	0.00077	0.0015	mg/L	50.18%
Sn 189.927†	422.5	0.1541	mg/L	0.00123	0.1541	mg/L	0.80%
Ti 337.279†	55200.9	0.0794	mg/L	0.00055	0.0794	mg/L	0.70%
Tl 190.801†	1.3	0.0148	mg/L	0.00330	0.0148	mg/L	22.27%
V 292.402†	95064.3	0.4216	mg/L	0.00349	0.4216	mg/L	0.83%
Zn 213.857†	41434.5	0.4370	mg/L	0.00420	0.4370	mg/L	0.96%

Sequence No.: 87

Sample ID: 0608042-03X50

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 73

Date Collected: 8/3/2006 7:29:41 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: 0608042-03X50

Repl#	Analyte	Net		Corrected		Calib.		Sample		Analysis Time
		Intensity	Conc.	Intensity	Conc.	Units	Conc.	Units		
1	Y 360.073	2474710.7	1.02	2474710.7	1.02	mg/L			19:31:15	
1	Ag 328.068†	16918.3	0.0491	16400.9	0.0491	mg/L	0.0491	mg/L	19:31:20	
1	Al 237.313†	7879.0	0.8928	7974.7	0.8928	mg/L	0.8928	mg/L	19:31:20	
1	As 188.979†	-9.2	0.0031	1.9	0.0031	mg/L	0.0031	mg/L	19:31:40	
1	B 182.528†	-13.7	0.0010	1.4	0.0010	mg/L	0.0010	mg/L	19:31:40	
1	Ba 233.527†	3559.8	0.0168	3393.9	0.0168	mg/L	0.0168	mg/L	19:31:40	
1	Be 313.107†	4697.7	0.0002	388.8	0.0002	mg/L	0.0002	mg/L	19:31:15	
1	Ca 315.886†	77334.9	0.6271	76011.5	0.6271	mg/L	0.6271	mg/L	19:31:20	
1	Cd 228.802†	618.4	0.0016	83.6	0.0016	mg/L	0.0016	mg/L	19:31:40	
1	Co 228.616†	-96.7	-0.0005	73.2	-0.0005	mg/L	-0.0005	mg/L	19:31:40	
1	Cr 267.716†	18272.9	0.1170	15779.4	0.1170	mg/L	0.1170	mg/L	19:31:20	
1	Cu 324.752†	653893.0	2.456	640548.4	2.456	mg/L	2.456	mg/L	19:31:15	
1	Fe 238.204†	413266.0	3.254	389594.2	3.254	mg/L	3.254	mg/L	19:31:15	
1	Fe 234.349†	123151.7	3.176	115658.3	3.176	mg/L	3.176	mg/L	19:31:20	
1	Mg 279.077†	5390.7	0.2959	5422.0	0.2959	mg/L	0.2959	mg/L	19:31:20	
1	Mn 257.610†	33071.5	0.0267	28314.5	0.0267	mg/L	0.0267	mg/L	19:31:20	
1	Mo 202.031†	88.6	0.0035	18.7	0.0035	mg/L	0.0035	mg/L	19:31:40	
1	Na 330.237†	1390.6	0.6898	73.1	0.6898	mg/L	0.6898	mg/L	19:31:20	
1	Ni 231.604†	1048.9	0.0148	788.3	0.0148	mg/L	0.0148	mg/L	19:31:40	
1	Pb 220.353†	6009.7	0.6848	5909.2	0.6848	mg/L	0.6848	mg/L	19:31:20	

1	Sb 206.836†	63.3	6.4	0.0007 mg/L	0.0007 mg/L	19:31:40
1	Se 196.026†	-16.0	2.0	0.0052 mg/L	0.0052 mg/L	19:31:40
1	Sn 189.927†	390.3	229.9	0.0786 mg/L	0.0786 mg/L	19:31:40
1	Ti 337.279†	29092.1	27511.6	0.0398 mg/L	0.0398 mg/L	19:31:20
1	Tl 190.801†	-20.0	-0.6	0.0131 mg/L	0.0131 mg/L	19:31:40
1	V 292.402†	64558.7	61720.1	0.2743 mg/L	0.2743 mg/L	19:31:20
1	Zn 213.857†	15758.8	13817.4	0.1449 mg/L	0.1449 mg/L	19:31:20
2	Y 360.073	2453677.7	2453677.7	1.01 mg/L		19:31:47
2	Ag 328.068†	16914.3	16539.6	0.0495 mg/L	0.0495 mg/L	19:31:52
2	Al 237.313†	7882.2	8044.3	0.9005 mg/L	0.9005 mg/L	19:31:52
2	As 188.979†	-8.4	2.6	0.0039 mg/L	0.0039 mg/L	19:32:12
2	B 182.528†	-13.3	1.6	0.0012 mg/L	0.0012 mg/L	19:32:12
2	Ba 233.527†	3555.9	3420.0	0.0169 mg/L	0.0169 mg/L	19:32:12
2	Be 313.107†	4646.1	377.3	0.0002 mg/L	0.0002 mg/L	19:31:47
2	Ca 315.886†	77186.4	76516.3	0.6313 mg/L	0.6313 mg/L	19:31:52
2	Cd 228.802†	621.7	92.2	0.0017 mg/L	0.0017 mg/L	19:32:12
2	Co 228.616†	-88.3	80.8	-0.0004 mg/L	-0.0004 mg/L	19:32:12
2	Cr 267.716†	18219.0	15880.1	0.1178 mg/L	0.1178 mg/L	19:31:52
2	Cu 324.752†	653023.2	645199.5	2.474 mg/L	2.474 mg/L	19:31:47
2	Fe 238.204†	412000.0	391823.0	3.272 mg/L	3.272 mg/L	19:31:47
2	Fe 234.349†	123378.4	116921.7	3.211 mg/L	3.211 mg/L	19:31:52
2	Mg 279.077†	5377.0	5453.9	0.2975 mg/L	0.2975 mg/L	19:31:52
2	Mn 257.610†	32966.7	28489.5	0.0269 mg/L	0.0269 mg/L	19:31:52
2	Mo 202.031†	91.7	22.6	0.0039 mg/L	0.0039 mg/L	19:32:12
2	Na 330.237†	1393.8	88.1	0.7069 mg/L	0.7069 mg/L	19:31:52
2	Ni 231.604†	1067.1	815.2	0.0153 mg/L	0.0153 mg/L	19:32:12
2	Pb 220.353†	6034.7	5984.6	0.6935 mg/L	0.6935 mg/L	19:31:52
2	Sb 206.836†	71.1	14.7	0.0027 mg/L	0.0027 mg/L	19:32:12
2	Se 196.026†	-16.1	1.8	0.0049 mg/L	0.0049 mg/L	19:32:12
2	Sn 189.927†	381.0	224.0	0.0763 mg/L	0.0763 mg/L	19:32:12
2	Ti 337.279†	29129.5	27794.1	0.0403 mg/L	0.0403 mg/L	19:31:52
2	Tl 190.801†	-21.3	-2.0	0.0117 mg/L	0.0117 mg/L	19:32:12
2	V 292.402†	64584.3	62290.0	0.2768 mg/L	0.2768 mg/L	19:31:52
2	Zn 213.857†	15696.1	13888.1	0.1456 mg/L	0.1456 mg/L	19:31:52

Mean Data: 0608042-03X50

Analyte	Mean Corrected Intensity	Conc. Units	Calib	Std.Dev.	Conc. Units	Sample	Std.Dev.	RSD
Y 360.073	2464194.2	1.01 mg/L		0.006				0.60%
Ag 328.068†	16470.3	0.0493 mg/L		0.00029	0.0493 mg/L		0.00029	0.59%
Al 237.313†	8009.5	0.8967 mg/L		0.00544	0.8967 mg/L		0.00544	0.61%
As 188.979†	2.3	0.0035 mg/L		0.00060	0.0035 mg/L		0.00060	17.16%
B 182.528†	1.5	0.0011 mg/L		0.00013	0.0011 mg/L		0.00013	11.26%
Ba 233.527†	3407.0	0.0169 mg/L		0.00010	0.0169 mg/L		0.00010	0.60%
Be 313.107†	383.0	0.0002 mg/L		0.00000	0.0002 mg/L		0.00000	0.79%
Ca 315.886†	76263.9	0.6292 mg/L		0.00292	0.6292 mg/L		0.00292	0.46%
Cd 228.802†	87.9	0.0016 mg/L		0.00007	0.0016 mg/L		0.00007	4.31%
Co 228.616†	77.0	-0.0005 mg/L		0.00008	-0.0005 mg/L		0.00008	15.75%
Cr 267.716†	15829.7	0.1174 mg/L		0.00053	0.1174 mg/L		0.00053	0.45%
Cu 324.752†	642873.9	2.465 mg/L		0.0126	2.465 mg/L		0.0126	0.51%
Fe 238.204†	390708.6	3.263 mg/L		0.0131	3.263 mg/L		0.0131	0.40%
Fe 234.349†	116290.0	3.193 mg/L		0.0245	3.193 mg/L		0.0245	0.77%
Mg 279.077†	5438.0	0.2967 mg/L		0.00118	0.2967 mg/L		0.00118	0.40%
Mn 257.610†	28402.0	0.0268 mg/L		0.00012	0.0268 mg/L		0.00012	0.45%
Mo 202.031†	20.7	0.0037 mg/L		0.00024	0.0037 mg/L		0.00024	6.40%
Na 330.237†	80.6	0.6984 mg/L		0.01212	0.6984 mg/L		0.01212	1.74%
Ni 231.604†	801.8	0.0150 mg/L		0.00037	0.0150 mg/L		0.00037	2.48%
Pb 220.353†	5946.9	0.6892 mg/L		0.00616	0.6892 mg/L		0.00616	0.89%
Sb 206.836†	10.5	0.0017 mg/L		0.00144	0.0017 mg/L		0.00144	84.06%
Se 196.026†	1.9	0.0050 mg/L		0.00023	0.0050 mg/L		0.00023	4.53%
Sn 189.927†	226.9	0.0774 mg/L		0.00163	0.0774 mg/L		0.00163	2.10%
Ti 337.279†	27652.9	0.0400 mg/L		0.00029	0.0400 mg/L		0.00029	0.71%
Tl 190.801†	-1.3	0.0124 mg/L		0.00103	0.0124 mg/L		0.00103	8.28%
V 292.402†	62005.0	0.2755 mg/L		0.00178	0.2755 mg/L		0.00178	0.65%
Zn 213.857†	13852.7	0.1452 mg/L		0.00052	0.1452 mg/L		0.00052	0.36%

Sequence No.: 88
 Sample ID: CCV
 Analyst:

Autosampler Location: 3
 Date Collected: 8/3/2006 7:33:50 PM
 Data Type: Original

Initial Sample Wt:
Dilution:

Initial Sample Vol:
Sample Prep Vol:

Replicate Data: CCV

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2442540.9	2442540.9	1.00 mg/L		19:35:23
1	Ag 328.068†	84870.3	84346.7	0.2499 mg/L	0.2499 mg/L	19:35:29
1	Al 237.313†	21675.3	21827.3	2.473 mg/L	2.473 mg/L	19:35:29
1	As 188.979†	401.5	411.1	0.4948 mg/L	0.4948 mg/L	19:35:49
1	B 182.528†	603.1	616.0	0.5057 mg/L	0.5057 mg/L	19:35:49
1	Ba 233.527†	92619.5	92204.3	0.5087 mg/L	0.5087 mg/L	19:35:29
1	Be 313.107†	273801.7	268661.1	0.0509 mg/L	0.0509 mg/L	19:35:23
1	Ca 315.886†	626570.9	624427.7	5.112 mg/L	5.112 mg/L	19:35:23
1	Cd 228.802†	21684.4	21087.8	0.2515 mg/L	0.2515 mg/L	19:35:29
1	Co 228.616†	34633.3	34686.8	0.5069 mg/L	0.5069 mg/L	19:35:29
1	Cr 267.716†	71029.1	68597.4	0.5058 mg/L	0.5058 mg/L	19:35:29
1	Cu 324.752†	136477.1	133320.8	0.5117 mg/L	0.5117 mg/L	19:35:29
1	Fe 238.204†	313114.8	295129.5	2.467 mg/L	2.467 mg/L	19:35:29
1	Fe 234.349†	95864.6	90057.3	2.469 mg/L	2.469 mg/L	19:35:29
1	Mg 279.077†	93559.1	93367.8	5.098 mg/L	5.098 mg/L	19:35:29
1	Mn 257.610†	525953.7	519990.4	0.5066 mg/L	0.5066 mg/L	19:35:23
1	Mo 202.031†	5943.8	5855.7	0.5058 mg/L	0.5058 mg/L	19:35:49
1	Na 330.237†	22144.8	20776.6	24.26 mg/L	24.26 mg/L	19:35:29
1	Ni 231.604†	26163.4	25833.1	0.5043 mg/L	0.5043 mg/L	19:35:29
1	Pb 220.353†	4404.7	4387.3	0.5112 mg/L	0.5112 mg/L	19:35:49
1	Sb 206.836†	2116.4	2053.5	0.5010 mg/L	0.5010 mg/L	19:35:49
1	Se 196.026†	657.5	673.0	1.027 mg/L	1.027 mg/L	19:35:49
1	Sn 189.927†	1385.5	1226.8	0.4699 mg/L	0.4699 mg/L	19:35:49
1	Ti 337.279†	350696.6	348426.3	0.4980 mg/L	0.4980 mg/L	19:35:23
1	Tl 190.801†	589.9	607.1	0.6007 mg/L	0.6007 mg/L	19:35:49
1	V 292.402†	115895.5	113723.1	0.5066 mg/L	0.5066 mg/L	19:35:29
1	Zn 213.857†	49373.2	47524.4	0.5014 mg/L	0.5014 mg/L	19:35:29
2	Y 360.073	2443905.4	2443905.4	1.00 mg/L		19:35:56
2	Ag 328.068†	85300.2	84727.7	0.2510 mg/L	0.2510 mg/L	19:36:01
2	Al 237.313†	21792.1	21931.6	2.485 mg/L	2.485 mg/L	19:36:01
2	As 188.979†	397.0	406.5	0.4892 mg/L	0.4892 mg/L	19:36:22
2	B 182.528†	591.0	603.5	0.4955 mg/L	0.4955 mg/L	19:36:22
2	Ba 233.527†	92845.7	92378.1	0.5097 mg/L	0.5097 mg/L	19:36:01
2	Be 313.107†	273768.3	268475.5	0.0508 mg/L	0.0508 mg/L	19:35:56
2	Ca 315.886†	626169.3	623678.9	5.106 mg/L	5.106 mg/L	19:35:56
2	Cd 228.802†	21742.6	21133.6	0.2521 mg/L	0.2521 mg/L	19:36:01
2	Co 228.616†	34758.7	34792.4	0.5085 mg/L	0.5085 mg/L	19:36:01
2	Cr 267.716†	71126.0	68654.4	0.5062 mg/L	0.5062 mg/L	19:36:01
2	Cu 324.752†	137317.8	134082.3	0.5147 mg/L	0.5147 mg/L	19:36:01
2	Fe 238.204†	313887.5	295725.0	2.472 mg/L	2.472 mg/L	19:36:01
2	Fe 234.349†	96081.6	90220.2	2.473 mg/L	2.473 mg/L	19:36:01
2	Mg 279.077†	93796.7	93552.5	5.108 mg/L	5.108 mg/L	19:36:01
2	Mn 257.610†	526277.1	520019.9	0.5067 mg/L	0.5067 mg/L	19:35:56
2	Mo 202.031†	5951.3	5859.8	0.5061 mg/L	0.5061 mg/L	19:36:22
2	Na 330.237†	22368.1	20986.6	24.50 mg/L	24.50 mg/L	19:36:01
2	Ni 231.604†	26242.8	25897.6	0.5056 mg/L	0.5056 mg/L	19:36:01
2	Pb 220.353†	4380.0	4360.3	0.5081 mg/L	0.5081 mg/L	19:36:22
2	Sb 206.836†	2105.5	2041.5	0.4980 mg/L	0.4980 mg/L	19:36:22
2	Se 196.026†	662.0	677.1	1.033 mg/L	1.033 mg/L	19:36:22
2	Sn 189.927†	1385.6	1226.1	0.4697 mg/L	0.4697 mg/L	19:36:22
2	Ti 337.279†	352332.5	349860.8	0.5000 mg/L	0.5000 mg/L	19:35:56
2	Tl 190.801†	593.5	610.3	0.6039 mg/L	0.6039 mg/L	19:36:22
2	V 292.402†	116248.1	114009.9	0.5078 mg/L	0.5078 mg/L	19:36:01
2	Zn 213.857†	49551.9	47675.0	0.5030 mg/L	0.5030 mg/L	19:36:01

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2443223.1	1.00 mg/L	0.000			0.04%
Ag 328.068†	84537.2	0.2504 mg/L	0.00080	0.2504 mg/L	0.00080	0.32%
QC value within limits for Ag 328.068 Recovery = 100.18%						
Al 237.313†	21879.4	2.479 mg/L	0.0084	2.479 mg/L	0.0084	0.34%
QC value within limits for Al 237.313 Recovery = 99.15%						

As 188.979†	408.8	0.4920 mg/L	0.00394	0.4920 mg/L	0.00394	0.80%
QC value within limits for As 188.979 Recovery = 98.40%						
B 182.528†	609.8	0.5006 mg/L	0.00722	0.5006 mg/L	0.00722	1.44%
QC value within limits for B 182.528 Recovery = 100.11%						
Ba 233.527†	92291.2	0.5092 mg/L	0.00068	0.5092 mg/L	0.00068	0.13%
QC value within limits for Ba 233.527 Recovery = 101.83%						
Be 313.107†	268568.3	0.0508 mg/L	0.00002	0.0508 mg/L	0.00002	0.05%
QC value within limits for Be 313.107 Recovery = 101.67%						
Ca 315.886†	624053.3	5.109 mg/L	0.0043	5.109 mg/L	0.0043	0.08%
QC value within limits for Ca 315.886 Recovery = 102.17%						
Cd 228.802†	21110.7	0.2518 mg/L	0.00040	0.2518 mg/L	0.00040	0.16%
QC value within limits for Cd 228.802 Recovery = 100.72%						
Co 228.616†	34739.6	0.5077 mg/L	0.00109	0.5077 mg/L	0.00109	0.22%
QC value within limits for Co 228.616 Recovery = 101.54%						
Cr 267.716†	68625.9	0.5060 mg/L	0.00030	0.5060 mg/L	0.00030	0.06%
QC value within limits for Cr 267.716 Recovery = 101.19%						
Cu 324.752†	133701.5	0.5132 mg/L	0.00206	0.5132 mg/L	0.00206	0.40%
QC value within limits for Cu 324.752 Recovery = 102.64%						
Fe 238.204†	295427.3	2.470 mg/L	0.0035	2.470 mg/L	0.0035	0.14%
QC value within limits for Fe 238.204 Recovery = 98.79%						
Fe 234.349†	90138.8	2.471 mg/L	0.0032	2.471 mg/L	0.0032	0.13%
QC value within limits for Fe 234.349 Recovery = 98.85%						
Mg 279.077†	93460.2	5.103 mg/L	0.0071	5.103 mg/L	0.0071	0.14%
QC value within limits for Mg 279.077 Recovery = 102.07%						
Mn 257.610†	520005.1	0.5066 mg/L	0.00002	0.5066 mg/L	0.00002	0.00%
QC value within limits for Mn 257.610 Recovery = 101.33%						
Mo 202.031†	5857.7	0.5060 mg/L	0.00025	0.5060 mg/L	0.00025	0.05%
QC value within limits for Mo 202.031 Recovery = 101.19%						
Na 330.237†	20881.6	24.38 mg/L	0.169	24.38 mg/L	0.169	0.69%
QC value within limits for Na 330.237 Recovery = 97.51%						
Ni 231.604†	25865.3	0.5049 mg/L	0.00089	0.5049 mg/L	0.00089	0.18%
QC value within limits for Ni 231.604 Recovery = 100.99%						
Pb 220.353†	4373.8	0.5096 mg/L	0.00220	0.5096 mg/L	0.00220	0.43%
QC value within limits for Pb 220.353 Recovery = 101.92%						
Sb 206.836†	2047.5	0.4995 mg/L	0.00211	0.4995 mg/L	0.00211	0.42%
QC value within limits for Sb 206.836 Recovery = 99.89%						
Se 196.026†	675.1	1.030 mg/L	0.0044	1.030 mg/L	0.0044	0.43%
QC value within limits for Se 196.026 Recovery = 103.00%						
Sn 189.927†	1226.5	0.4698 mg/L	0.00019	0.4698 mg/L	0.00019	0.04%
QC value within limits for Sn 189.927 Recovery = 93.96%						
Ti 337.279†	349143.6	0.4990 mg/L	0.00145	0.4990 mg/L	0.00145	0.29%
QC value within limits for Ti 337.279 Recovery = 99.80%						
Tl 190.801†	608.7	0.6023 mg/L	0.00223	0.6023 mg/L	0.00223	0.37%
QC value greater than the upper limit for Tl 190.801 Recovery = 120.46%						
V 292.402†	113866.5	0.5072 mg/L	0.00090	0.5072 mg/L	0.00090	0.18%
QC value within limits for V 292.402 Recovery = 101.44%						
Zn 213.857†	47599.7	0.5022 mg/L	0.00113	0.5022 mg/L	0.00113	0.22%
QC value within limits for Zn 213.857 Recovery = 100.43%						
QC Failed. Continue with analysis.						

Sequence No.: 89

Sample ID: ICCB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 1

Date Collected: 8/3/2006 7:37:59 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: ICCB

Repl#	Analyte	Net	Corrected	Calib.	Sample	Analysis
		Intensity	Intensity	Conc. Units	Conc. Units	Time
1	Y 360.073	2435800.4	2435800.4	1.00 mg/L		19:39:30
1	Ag 328.068†	254.7	12.5	0.0006 mg/L	0.0006 mg/L	19:39:36
1	Al 237.313†	-182.8	41.2	0.0119 mg/L	0.0119 mg/L	19:39:56
1	As 188.979†	-6.5	4.5	0.0060 mg/L	0.0060 mg/L	19:39:56
1	B 182.528†	-12.7	2.2	0.0016 mg/L	0.0016 mg/L	19:39:56
1	Ba 233.527†	123.4	15.3	-0.0017 mg/L	-0.0017 mg/L	19:39:56
1	Be 313.107†	4130.5	-104.2	0.0001 mg/L	0.0001 mg/L	19:39:30
1	Ca 315.886†	113.6	48.6	0.0054 mg/L	0.0054 mg/L	19:39:36
1	Cd 228.802†	523.1	-1.9	0.0007 mg/L	0.0007 mg/L	19:39:56
1	Co 228.616†	-177.7	-9.2	-0.0016 mg/L	-0.0016 mg/L	19:39:56

1	Cr 267.716†	2149.3	-48.0	0.0003 mg/L	0.0003 mg/L	19:39:56
1	Cu 324.752†	4190.5	1484.5	0.0062 mg/L	0.0062 mg/L	19:39:36
1	Fe 238.204†	6935.1	-10015.5	-0.0754 mg/L	-0.0754 mg/L	19:39:36
1	Fe 234.349†	2474.1	-3016.6	-0.0800 mg/L	-0.0800 mg/L	19:39:56
1	Mg 279.077†	264.2	383.1	0.0278 mg/L	0.0278 mg/L	19:39:36
1	Mn 257.610†	1557.9	-2661.7	-0.0036 mg/L	-0.0036 mg/L	19:39:56
1	Mo 202.031†	77.9	9.4	0.0023 mg/L	0.0023 mg/L	19:39:56
1	Na 330.237†	1282.8	-12.7	0.5882 mg/L	0.5882 mg/L	19:39:36
1	Ni 231.604†	155.6	-88.1	-0.0024 mg/L	-0.0024 mg/L	19:39:56
1	Pb 220.353†	3.1	0.3	0.0020 mg/L	0.0020 mg/L	19:39:56
1	Sb 206.836†	43.5	-12.4	-0.0025 mg/L	-0.0025 mg/L	19:39:56
1	Se 196.026†	-14.3	3.5	0.0075 mg/L	0.0075 mg/L	19:39:56
1	Sn 189.927†	82.4	-71.7	-0.0396 mg/L	-0.0396 mg/L	19:39:56
1	Ti 337.279†	1078.1	-29.5	0.0005 mg/L	0.0005 mg/L	19:39:36
1	Tl 190.801†	-18.2	0.9	0.0159 mg/L	0.0159 mg/L	19:39:56
1	V 292.402†	1824.4	35.4	0.0009 mg/L	0.0009 mg/L	19:39:36
1	Zn 213.857†	1475.1	-210.7	-0.0030 mg/L	-0.0030 mg/L	19:39:56
2	Y 360.073	2431928.8	2431928.8	0.999 mg/L		19:40:02
2	Ag 328.068†	223.2	-18.7	0.0005 mg/L	0.0005 mg/L	19:40:07
2	Al 237.313†	-212.9	10.8	0.0085 mg/L	0.0085 mg/L	19:40:27
2	As 188.979†	-8.3	2.7	0.0038 mg/L	0.0038 mg/L	19:40:27
2	B 182.528†	-15.7	-0.9	-0.0009 mg/L	-0.0009 mg/L	19:40:27
2	Ba 233.527†	119.0	11.1	-0.0018 mg/L	-0.0018 mg/L	19:40:27
2	Be 313.107†	4087.0	-141.2	0.0001 mg/L	0.0001 mg/L	19:40:02
2	Ca 315.886†	131.6	66.8	0.0056 mg/L	0.0056 mg/L	19:40:07
2	Cd 228.802†	518.2	-6.0	0.0006 mg/L	0.0006 mg/L	19:40:27
2	Co 228.616†	-171.1	-2.9	-0.0015 mg/L	-0.0015 mg/L	19:40:27
2	Cr 267.716†	2111.4	-82.5	0.0000 mg/L	0.0000 mg/L	19:40:27
2	Cu 324.752†	4146.9	1447.5	0.0061 mg/L	0.0061 mg/L	19:40:07
2	Fe 238.204†	7082.9	-9856.5	-0.0740 mg/L	-0.0740 mg/L	19:40:07
2	Fe 234.349†	2484.6	-3002.1	-0.0796 mg/L	-0.0796 mg/L	19:40:27
2	Mg 279.077†	246.6	365.9	0.0268 mg/L	0.0268 mg/L	19:40:07
2	Mn 257.610†	1514.4	-2702.9	-0.0037 mg/L	-0.0037 mg/L	19:40:27
2	Mo 202.031†	71.6	3.3	0.0018 mg/L	0.0018 mg/L	19:40:27
2	Na 330.237†	1277.1	-16.4	0.5840 mg/L	0.5840 mg/L	19:40:07
2	Ni 231.604†	146.6	-96.8	-0.0025 mg/L	-0.0025 mg/L	19:40:27
2	Pb 220.353†	-3.6	-6.4	0.0012 mg/L	0.0012 mg/L	19:40:27
2	Sb 206.836†	46.3	-9.6	-0.0018 mg/L	-0.0018 mg/L	19:40:27
2	Se 196.026†	-16.5	1.3	0.0041 mg/L	0.0041 mg/L	19:40:27
2	Sn 189.927†	72.4	-81.6	-0.0434 mg/L	-0.0434 mg/L	19:40:27
2	Ti 337.279†	1035.5	-70.4	0.0005 mg/L	0.0005 mg/L	19:40:07
2	Tl 190.801†	-12.5	6.6	0.0214 mg/L	0.0214 mg/L	19:40:27
2	V 292.402†	1838.8	52.7	0.0009 mg/L	0.0009 mg/L	19:40:07
2	Zn 213.857†	1445.8	-237.7	-0.0033 mg/L	-0.0033 mg/L	19:40:27

Mean Data: ICCB

Analyte	Mean Corrected Intensity	Conc. Units	Calib	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2433864.6	1.000 mg/L		0.0011			0.11%
Ag 328.068†	-3.1	0.0005 mg/L		0.00007	0.0005 mg/L	0.00007	11.86%
QC value within limits for Ag 328.068			Recovery =	Not calculated			
Al 237.313†	26.0	0.0102 mg/L		0.00245	0.0102 mg/L	0.00245	24.06%
QC value within limits for Al 237.313			Recovery =	Not calculated			
As 188.979†	3.6	0.0049 mg/L		0.00154	0.0049 mg/L	0.00154	31.41%
QC value within limits for As 188.979			Recovery =	Not calculated			
B 182.528†	0.6	0.0004 mg/L		0.00179	0.0004 mg/L	0.00179	480.24%
QC value within limits for B 182.528			Recovery =	Not calculated			
Ba 233.527†	13.2	-0.0017 mg/L		0.00002	-0.0017 mg/L	0.00002	0.95%
QC value within limits for Ba 233.527			Recovery =	Not calculated			
Be 313.107†	-122.7	0.0001 mg/L		0.00000	0.0001 mg/L	0.00000	6.75%
QC value within limits for Be 313.107			Recovery =	Not calculated			
Ca 315.886†	57.7	0.0055 mg/L		0.00010	0.0055 mg/L	0.00010	1.89%
QC value within limits for Ca 315.886			Recovery =	Not calculated			
Cd 228.802†	-4.0	0.0006 mg/L		0.00003	0.0006 mg/L	0.00003	4.77%
QC value within limits for Cd 228.802			Recovery =	Not calculated			
Co 228.616†	-6.1	-0.0016 mg/L		0.00007	-0.0016 mg/L	0.00007	4.16%
QC value within limits for Co 228.616			Recovery =	Not calculated			
Cr 267.716†	-65.2	0.0002 mg/L		0.00018	0.0002 mg/L	0.00018	102.78%
QC value within limits for Cr 267.716			Recovery =	Not calculated			
Cu 324.752†	1466.0	0.0062 mg/L		0.00010	0.0062 mg/L	0.00010	1.62%

Fe 238.204†	QC value within limits for Cu 324.752	Recovery = Not calculated	0.00094	1.25%
Fe 234.349†	QC value less than the lower limit for Fe 238.204	Recovery = Not calculated	0.00028	0.35%
Mg 279.077†	QC value less than the lower limit for Fe 234.349	Recovery = Not calculated	0.00066	2.43%
Mn 257.610†	QC value within limits for Mg 279.077	Recovery = Not calculated	0.00003	0.78%
Mo 202.031†	QC value within limits for Mn 257.610	Recovery = Not calculated	0.00037	17.95%
Na 330.237†	QC value within limits for Mo 202.031	Recovery = Not calculated	0.00296	0.51%
Ni 231.604†	QC value within limits for Na 330.237	Recovery = Not calculated	0.00012	4.89%
Pb 220.353†	QC value within limits for Ni 231.604	Recovery = Not calculated	0.00055	33.46%
Sb 206.836†	QC value within limits for Pb 220.353	Recovery = Not calculated	0.00049	22.63%
Se 196.026†	QC value within limits for Sb 206.836	Recovery = Not calculated	0.00239	41.44%
Sn 189.927†	QC value within limits for Se 196.026	Recovery = Not calculated	0.00274	6.60%
Ti 337.279†	QC value within limits for Sn 189.927	Recovery = Not calculated	0.00004	8.23%
Tl 190.801†	QC value within limits for Ti 337.279	Recovery = Not calculated	0.00387	20.71%
V 292.402†	QC value within limits for Tl 190.801	Recovery = Not calculated	0.00005	5.94%
Zn 213.857†	QC value within limits for V 292.402	Recovery = Not calculated	0.00020	6.45%

QC Failed. Continue with analysis.

Sequence No.: 90
 Sample ID: 0608042-04X20
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 74
 Date Collected: 8/3/2006 7:42:03 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: 0608042-04X20

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2461078.8	2461078.8	1.01 mg/L		19:43:37
1	Ag 328.068†	22632.7	22145.6	0.0661 mg/L	0.0661 mg/L	19:43:43
1	Al 237.313†	26990.9	26922.7	2.982 mg/L	2.982 mg/L	19:43:43
1	As 188.979†	-8.4	2.7	0.0047 mg/L	0.0047 mg/L	19:44:03
1	B 182.528†	-13.4	1.6	0.0012 mg/L	0.0012 mg/L	19:44:03
1	Ba 233.527†	8752.0	8549.2	0.0452 mg/L	0.0452 mg/L	19:43:43
1	Be 313.107†	5972.5	1675.4	0.0005 mg/L	0.0005 mg/L	19:43:37
1	Ca 315.886†	125974.6	124546.0	1.024 mg/L	1.024 mg/L	19:43:43
1	Cd 228.802†	621.0	89.5	0.0014 mg/L	0.0014 mg/L	19:44:03
1	Co 228.616†	-10.9	157.6	0.0004 mg/L	0.0004 mg/L	19:44:03
1	Cr 267.716†	16500.6	14125.9	0.1054 mg/L	0.1054 mg/L	19:43:43
1	Cu 324.752†	781336.1	770175.1	2.953 mg/L	2.953 mg/L	19:43:37
1	Fe 238.204†	1577622.5	1543599.2	12.87 mg/L	12.87 mg/L	19:43:37
1	Fe 234.349†	485609.1	474863.4	13.03 mg/L	13.03 mg/L	19:43:37
1	Mg 279.077†	20733.5	20628.2	1.105 mg/L	1.105 mg/L	19:43:43
1	Mn 257.610†	95448.3	90196.3	0.0874 mg/L	0.0874 mg/L	19:43:43
1	Mo 202.031†	105.0	35.5	0.0058 mg/L	0.0058 mg/L	19:44:03
1	Na 330.237†	1447.6	137.1	0.7916 mg/L	0.7916 mg/L	19:43:43
1	Ni 231.604†	3877.6	3592.1	0.0696 mg/L	0.0696 mg/L	19:43:43
1	Pb 220.353†	11750.9	11621.0	1.345 mg/L	1.345 mg/L	19:43:43
1	Sb 206.836†	63.0	6.5	0.0009 mg/L	0.0009 mg/L	19:44:03
1	Se 196.026†	-17.0	0.9	0.0036 mg/L	0.0036 mg/L	19:44:03
1	Sn 189.927†	234.6	78.0	0.0194 mg/L	0.0194 mg/L	19:44:03
1	Ti 337.279†	112838.0	110509.6	0.1583 mg/L	0.1583 mg/L	19:43:37
1	Tl 190.801†	-19.0	0.3	0.0138 mg/L	0.0138 mg/L	19:44:03
1	V 292.402†	105713.4	102781.1	0.4555 mg/L	0.4555 mg/L	19:43:43
1	Zn 213.857†	34035.0	31981.7	0.3375 mg/L	0.3375 mg/L	19:43:43

2	Y 360.073	2468027.2	2468027.2	1.01 mg/L			19:44:10
2	Ag 328.068†	22283.9	21738.6	0.0649 mg/L	0.0649 mg/L		19:44:15
2	Al 237.313†	26558.4	26420.8	2.927 mg/L	2.927 mg/L		19:44:15
2	As 188.979†	-7.0	4.0	0.0063 mg/L	0.0063 mg/L		19:44:35
2	B 182.528†	-14.7	0.4	0.0002 mg/L	0.0002 mg/L		19:44:35
2	Ba 233.527†	8621.2	8395.9	0.0444 mg/L	0.0444 mg/L		19:44:15
2	Be 313.107†	5981.5	1667.7	0.0004 mg/L	0.0004 mg/L		19:44:10
2	Ca 315.886†	124269.8	122513.6	1.008 mg/L	1.008 mg/L		19:44:15
2	Cd 228.802†	618.6	85.5	0.0013 mg/L	0.0013 mg/L		19:44:35
2	Co 228.616†	-7.0	161.5	0.0005 mg/L	0.0005 mg/L		19:44:35
2	Cr 267.716†	16285.3	13867.6	0.1035 mg/L	0.1035 mg/L		19:44:15
2	Cu 324.752†	768680.2	755515.4	2.896 mg/L	2.896 mg/L		19:44:10
2	Fe 238.204†	1552528.7	1514453.3	12.62 mg/L	12.62 mg/L		19:44:10
2	Fe 234.349†	477551.7	465563.3	12.78 mg/L	12.78 mg/L		19:44:10
2	Mg 279.077†	20508.9	20348.9	1.091 mg/L	1.091 mg/L		19:44:15
2	Mn 257.610†	94268.4	88766.7	0.0860 mg/L	0.0860 mg/L		19:44:15
2	Mo 202.031†	96.7	26.9	0.0050 mg/L	0.0050 mg/L		19:44:35
2	Na 330.237†	1472.6	157.7	0.8144 mg/L	0.8144 mg/L		19:44:15
2	Ni 231.604†	3812.0	3516.6	0.0681 mg/L	0.0681 mg/L		19:44:15
2	Pb 220.353†	11601.8	11441.2	1.324 mg/L	1.324 mg/L		19:44:15
2	Sb 206.836†	64.1	7.3	0.0011 mg/L	0.0011 mg/L		19:44:35
2	Se 196.026†	-12.7	5.2	0.0101 mg/L	0.0101 mg/L		19:44:35
2	Sn 189.927†	222.5	65.4	0.0145 mg/L	0.0145 mg/L		19:44:35
2	Ti 337.279†	110965.1	108348.0	0.1552 mg/L	0.1552 mg/L		19:44:10
2	Tl 190.801†	-19.7	-0.4	0.0132 mg/L	0.0132 mg/L		19:44:35
2	V 292.402†	104269.2	101062.2	0.4479 mg/L	0.4479 mg/L		19:44:15
2	Zn 213.857†	33637.1	31494.3	0.3323 mg/L	0.3323 mg/L		19:44:15

Mean Data: 0608042-04X20

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2464553.0	1.01 mg/L	0.002			0.20%
Ag 328.068†	21942.1	0.0655 mg/L	0.00085	0.0655 mg/L	0.00085	1.30%
Al 237.313†	26671.8	2.955 mg/L	0.0392	2.955 mg/L	0.0392	1.33%
As 188.979†	3.3	0.0055 mg/L	0.00115	0.0055 mg/L	0.00115	21.03%
B 182.528†	1.0	0.0007 mg/L	0.00072	0.0007 mg/L	0.00072	108.73%
Ba 233.527†	8472.6	0.0448 mg/L	0.00060	0.0448 mg/L	0.00060	1.33%
Be 313.107†	1671.6	0.0005 mg/L	0.00000	0.0005 mg/L	0.00000	0.35%
Ca 315.886†	123529.8	1.016 mg/L	0.0118	1.016 mg/L	0.0118	1.16%
Cd 228.802†	87.5	0.0013 mg/L	0.00003	0.0013 mg/L	0.00003	2.46%
Co 228.616†	159.5	0.0005 mg/L	0.00005	0.0005 mg/L	0.00005	9.76%
Cr 267.716†	13996.8	0.1044 mg/L	0.00135	0.1044 mg/L	0.00135	1.30%
Cu 324.752†	762845.2	2.925 mg/L	0.0397	2.925 mg/L	0.0397	1.36%
Fe 238.204†	1529026.3	12.75 mg/L	0.172	12.75 mg/L	0.172	1.35%
Fe 234.349†	470213.4	12.90 mg/L	0.180	12.90 mg/L	0.180	1.40%
Mg 279.077†	20488.5	1.098 mg/L	0.0104	1.098 mg/L	0.0104	0.95%
Mn 257.610†	89481.5	0.0867 mg/L	0.00099	0.0867 mg/L	0.00099	1.14%
Mo 202.031†	31.2	0.0054 mg/L	0.00054	0.0054 mg/L	0.00054	9.92%
Na 330.237†	147.4	0.8030 mg/L	0.01609	0.8030 mg/L	0.01609	2.00%
Ni 231.604†	3554.3	0.0689 mg/L	0.00104	0.0689 mg/L	0.00104	1.52%
Pb 220.353†	11531.1	1.334 mg/L	0.0147	1.334 mg/L	0.0147	1.10%
Sb 206.836†	6.9	0.0010 mg/L	0.00016	0.0010 mg/L	0.00016	16.85%
Se 196.026†	3.1	0.0068 mg/L	0.00463	0.0068 mg/L	0.00463	67.78%
Sn 189.927†	71.7	0.0169 mg/L	0.00350	0.0169 mg/L	0.00350	20.68%
Ti 337.279†	109428.8	0.1568 mg/L	0.00218	0.1568 mg/L	0.00218	1.39%
Tl 190.801†	-0.1	0.0135 mg/L	0.00041	0.0135 mg/L	0.00041	3.00%
V 292.402†	101921.7	0.4517 mg/L	0.00538	0.4517 mg/L	0.00538	1.19%
Zn 213.857†	31738.0	0.3349 mg/L	0.00364	0.3349 mg/L	0.00364	1.09%

Sequence No.: 91
 Sample ID: 0608042-05X10
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 75
 Date Collected: 8/3/2006 7:46:13 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: 0608042-05X10

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
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1	Y 360.073	2487658.1	2487658.1	1.02 mg/L			19:47:48
1	Ag 328.068†	86335.4	84246.4	0.2498 mg/L	0.2498 mg/L		19:47:53
1	Al 237.313†	25762.7	25435.5	2.778 mg/L	2.778 mg/L		19:47:53
1	As 188.979†	-6.6	4.5	0.0066 mg/L	0.0066 mg/L		19:48:13
1	B 182.528†	-19.7	-4.4	-0.0038 mg/L	-0.0038 mg/L		19:48:13
1	Ba 233.527†	24474.1	23842.5	0.1293 mg/L	0.1293 mg/L		19:47:53
1	Be 313.107†	5605.2	1252.9	0.0004 mg/L	0.0004 mg/L		19:47:48
1	Ca 315.886†	172684.9	168925.7	1.389 mg/L	1.389 mg/L		19:47:48
1	Cd 228.802†	793.4	251.7	0.0030 mg/L	0.0030 mg/L		19:48:13
1	Co 228.616†	22.8	190.7	0.0008 mg/L	0.0008 mg/L		19:48:13
1	Cr 267.716†	47512.7	44300.2	0.3279 mg/L	0.3279 mg/L		19:47:53
1	Cu 324.752†	869027.0	847732.1	3.250 mg/L	3.250 mg/L		19:47:48
1	Fe 238.204†	2174708.0	2111237.5	17.60 mg/L	17.60 mg/L		19:47:48
1	Fe 234.349†	672333.0	652460.4	17.90 mg/L	17.90 mg/L		19:47:48
1	Mg 279.077†	19443.1	19146.3	1.015 mg/L	1.015 mg/L		19:47:53
1	Mn 257.610†	319798.8	308738.5	0.3009 mg/L	0.3009 mg/L		19:47:48
1	Mo 202.031†	173.3	101.1	0.0123 mg/L	0.0123 mg/L		19:48:13
1	Na 330.237†	1733.1	401.2	1.109 mg/L	1.109 mg/L		19:47:53
1	Ni 231.604†	7393.1	6991.4	0.1361 mg/L	0.1361 mg/L		19:47:53
1	Pb 220.353†	27172.2	26588.2	3.074 mg/L	3.074 mg/L		19:47:53
1	Sb 206.836†	159.5	100.2	0.0213 mg/L	0.0213 mg/L		19:48:13
1	Se 196.026†	-16.4	1.7	0.0047 mg/L	0.0047 mg/L		19:48:13
1	Sn 189.927†	1041.3	864.9	0.3274 mg/L	0.3274 mg/L		19:48:13
1	Ti 337.279†	104632.5	101287.0	0.1452 mg/L	0.1452 mg/L		19:47:48
1	Tl 190.801†	-13.7	5.7	0.0158 mg/L	0.0158 mg/L		19:48:13
1	V 292.402†	306796.8	298445.4	1.322 mg/L	1.322 mg/L		19:47:48
1	Zn 213.857†	38529.5	36020.3	0.3798 mg/L	0.3798 mg/L		19:47:53
2	Y 360.073	2476342.3	2476342.3	1.02 mg/L			19:48:21
2	Ag 328.068†	79341.3	77756.7	0.2306 mg/L	0.2306 mg/L		19:48:26
2	Al 237.313†	25849.1	25635.6	2.801 mg/L	2.801 mg/L		19:48:26
2	As 188.979†	-7.6	3.5	0.0054 mg/L	0.0054 mg/L		19:48:47
2	B 182.528†	-21.3	-6.1	-0.0052 mg/L	-0.0052 mg/L		19:48:47
2	Ba 233.527†	24594.6	24070.4	0.1306 mg/L	0.1306 mg/L		19:48:26
2	Be 313.107†	5578.3	1251.5	0.0004 mg/L	0.0004 mg/L		19:48:21
2	Ca 315.886†	171918.7	168944.6	1.389 mg/L	1.389 mg/L		19:48:21
2	Cd 228.802†	796.9	258.7	0.0031 mg/L	0.0031 mg/L		19:48:47
2	Co 228.616†	9.5	177.7	0.0006 mg/L	0.0006 mg/L		19:48:47
2	Cr 267.716†	47557.7	44556.9	0.3298 mg/L	0.3298 mg/L		19:48:26
2	Cu 324.752†	868453.7	851054.7	3.263 mg/L	3.263 mg/L		19:48:21
2	Fe 238.204†	2168380.0	2114741.5	17.63 mg/L	17.63 mg/L		19:48:21
2	Fe 234.349†	670372.2	653539.3	17.93 mg/L	17.93 mg/L		19:48:21
2	Mg 279.077†	19478.2	19267.7	1.021 mg/L	1.021 mg/L		19:48:26
2	Mn 257.610†	318797.9	309184.6	0.3014 mg/L	0.3014 mg/L		19:48:21
2	Mo 202.031†	180.7	109.2	0.0130 mg/L	0.0130 mg/L		19:48:47
2	Na 330.237†	1702.9	379.3	1.084 mg/L	1.084 mg/L		19:48:26
2	Ni 231.604†	7370.5	7002.2	0.1363 mg/L	0.1363 mg/L		19:48:26
2	Pb 220.353†	27123.5	26661.8	3.083 mg/L	3.083 mg/L		19:48:26
2	Sb 206.836†	160.8	102.2	0.0217 mg/L	0.0217 mg/L		19:48:47
2	Se 196.026†	-16.3	1.7	0.0047 mg/L	0.0047 mg/L		19:48:47
2	Sn 189.927†	1033.5	861.9	0.3263 mg/L	0.3263 mg/L		19:48:47
2	Ti 337.279†	104067.4	101199.5	0.1450 mg/L	0.1450 mg/L		19:48:21
2	Tl 190.801†	-17.1	2.3	0.0125 mg/L	0.0125 mg/L		19:48:47
2	V 292.402†	305787.9	298825.6	1.323 mg/L	1.323 mg/L		19:48:21
2	Zn 213.857†	38603.8	36265.6	0.3824 mg/L	0.3824 mg/L		19:48:26

Mean Data: 0608042-05X10

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2482000.2	1.02	mg/L	0.003			0.32%
Ag 328.068†	81001.5	0.2402	mg/L	0.01356	0.2402 mg/L	0.01356	5.64%
Al 237.313†	25535.5	2.790	mg/L	0.0160	2.790 mg/L	0.0160	0.57%
As 188.979†	4.0	0.0060	mg/L	0.00091	0.0060 mg/L	0.00091	15.09%
B 182.528†	-5.3	-0.0045	mg/L	0.00098	-0.0045 mg/L	0.00098	21.99%
Ba 233.527†	23956.5	0.1299	mg/L	0.00089	0.1299 mg/L	0.00089	0.69%
Be 313.107†	1252.2	0.0004	mg/L	0.00000	0.0004 mg/L	0.00000	0.00%
Ca 315.886†	168935.1	1.389	mg/L	0.0001	1.389 mg/L	0.0001	0.01%
Cd 228.802†	255.2	0.0031	mg/L	0.00006	0.0031 mg/L	0.00006	1.99%
Co 228.616†	184.2	0.0007	mg/L	0.00014	0.0007 mg/L	0.00014	18.57%
Cr 267.716†	44428.5	0.3289	mg/L	0.00134	0.3289 mg/L	0.00134	0.41%
Cu 324.752†	849393.4	3.256	mg/L	0.0090	3.256 mg/L	0.0090	0.28%

Fe 238.204†	2112989.5	17.61 mg/L	0.021	17.61 mg/L	0.021	0.12%
Fe 234.349†	652999.8	17.92 mg/L	0.021	17.92 mg/L	0.021	0.12%
Mg 279.077†	19207.0	1.018 mg/L	0.0046	1.018 mg/L	0.0046	0.46%
Mn 257.610†	308961.6	0.3012 mg/L	0.00031	0.3012 mg/L	0.00031	0.10%
Mo 202.031†	105.2	0.0127 mg/L	0.00049	0.0127 mg/L	0.00049	3.89%
Na 330.237†	390.2	1.097 mg/L	0.0177	1.097 mg/L	0.0177	1.61%
Ni 231.604†	6996.8	0.1362 mg/L	0.00015	0.1362 mg/L	0.00015	0.11%
Pb 220.353†	26625.0	3.078 mg/L	0.0060	3.078 mg/L	0.0060	0.20%
Sb 206.836†	101.2	0.0215 mg/L	0.00034	0.0215 mg/L	0.00034	1.57%
Se 196.026†	1.7	0.0047 mg/L	0.00002	0.0047 mg/L	0.00002	0.51%
Sn 189.927†	863.4	0.3269 mg/L	0.00083	0.3269 mg/L	0.00083	0.25%
Ti 337.279†	101243.2	0.1451 mg/L	0.00009	0.1451 mg/L	0.00009	0.06%
Tl 190.801†	4.0	0.0142 mg/L	0.00233	0.0142 mg/L	0.00233	16.43%
V 292.402†	298635.5	1.323 mg/L	0.0012	1.323 mg/L	0.0012	0.09%
Zn 213.857†	36142.9	0.3811 mg/L	0.00184	0.3811 mg/L	0.00184	0.48%

Sequence No.: 92
 Sample ID: 0608042-06X20
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 76
 Date Collected: 8/3/2006 7:50:25 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: 0608042-06X20

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2443112.8	2443112.8	1.00 mg/L		19:52:00
1	Ag 328.068†	37036.3	36662.8	0.1091 mg/L	0.1091 mg/L	19:52:05
1	Al 237.313†	20097.4	20250.0	2.272 mg/L	2.272 mg/L	19:52:05
1	As 188.979†	-5.5	5.5	0.0078 mg/L	0.0078 mg/L	19:52:25
1	B 182.528†	-17.9	-3.0	-0.0026 mg/L	-0.0026 mg/L	19:52:25
1	Ba 233.527†	11275.1	11127.1	0.0594 mg/L	0.0594 mg/L	19:52:05
1	Be 313.107†	5700.5	1447.9	0.0004 mg/L	0.0004 mg/L	19:52:00
1	Ca 315.886†	183331.8	182615.9	1.500 mg/L	1.500 mg/L	19:52:00
1	Cd 228.802†	783.4	255.9	0.0035 mg/L	0.0035 mg/L	19:52:25
1	Co 228.616†	34.9	203.1	0.0012 mg/L	0.0012 mg/L	19:52:25
1	Cr 267.716†	23564.9	21285.1	0.1578 mg/L	0.1578 mg/L	19:52:05
1	Cu 324.752†	1251163.1	1244017.7	4.769 mg/L	4.769 mg/L	19:52:00
1	Fe 238.204†	725164.5	705643.3	5.887 mg/L	5.887 mg/L	19:52:00
1	Fe 234.349†	221399.9	215124.6	5.904 mg/L	5.904 mg/L	19:52:00
1	Mg 279.077†	16004.8	16067.1	0.8711 mg/L	0.8711 mg/L	19:52:05
1	Mn 257.610†	117332.9	112697.6	0.1092 mg/L	0.1092 mg/L	19:52:05
1	Mo 202.031†	107.4	38.6	0.0057 mg/L	0.0057 mg/L	19:52:25
1	Na 330.237†	1477.5	177.5	0.7995 mg/L	0.7995 mg/L	19:52:05
1	Ni 231.604†	5295.0	5032.6	0.0978 mg/L	0.0978 mg/L	19:52:05
1	Pb 220.353†	11076.3	11034.3	1.277 mg/L	1.277 mg/L	19:52:05
1	Sb 206.836†	70.1	14.0	0.0021 mg/L	0.0021 mg/L	19:52:25
1	Se 196.026†	-16.1	1.7	0.0047 mg/L	0.0047 mg/L	19:52:25
1	Sn 189.927†	837.3	680.3	0.2551 mg/L	0.2551 mg/L	19:52:25
1	Ti 337.279†	78357.9	76972.7	0.1105 mg/L	0.1105 mg/L	19:52:05
1	Tl 190.801†	-11.3	7.8	0.0198 mg/L	0.0198 mg/L	19:52:25
1	V 292.402†	148013.8	145700.4	0.6456 mg/L	0.6456 mg/L	19:52:05
1	Zn 213.857†	45367.2	43521.2	0.4590 mg/L	0.4590 mg/L	19:52:05
2	Y 360.073	2432735.5	2432735.5	0.999 mg/L		19:52:32
2	Ag 328.068†	36075.2	35858.4	0.1067 mg/L	0.1067 mg/L	19:52:37
2	Al 237.313†	19676.1	19913.8	2.234 mg/L	2.234 mg/L	19:52:37
2	As 188.979†	-5.1	5.8	0.0081 mg/L	0.0081 mg/L	19:52:57
2	B 182.528†	-14.7	0.1	-0.0001 mg/L	-0.0001 mg/L	19:52:57
2	Ba 233.527†	11006.9	10906.7	0.0581 mg/L	0.0581 mg/L	19:52:37
2	Be 313.107†	5595.7	1367.3	0.0004 mg/L	0.0004 mg/L	19:52:32
2	Ca 315.886†	180160.2	180221.4	1.480 mg/L	1.480 mg/L	19:52:32
2	Cd 228.802†	810.8	286.6	0.0038 mg/L	0.0038 mg/L	19:52:57
2	Co 228.616†	41.7	210.1	0.0013 mg/L	0.0013 mg/L	19:52:57
2	Cr 267.716†	23197.4	21017.6	0.1558 mg/L	0.1558 mg/L	19:52:37
2	Cu 324.752†	1238951.4	1237115.4	4.742 mg/L	4.742 mg/L	19:52:32
2	Fe 238.204†	714548.5	698102.3	5.824 mg/L	5.824 mg/L	19:52:32
2	Fe 234.349†	217992.0	212655.4	5.837 mg/L	5.837 mg/L	19:52:32
2	Mg 279.077†	15772.2	15902.4	0.8623 mg/L	0.8623 mg/L	19:52:37
2	Mn 257.610†	115284.2	111146.2	0.1077 mg/L	0.1077 mg/L	19:52:37
2	Mo 202.031†	112.1	43.8	0.0061 mg/L	0.0061 mg/L	19:52:57

2	Na 330.237†	1433.2	139.4	0.7563 mg/L	0.7563 mg/L	19:52:37
2	Ni 231.604†	5165.1	4925.2	0.0957 mg/L	0.0957 mg/L	19:52:37
2	Pb 220.353†	10876.7	10881.5	1.259 mg/L	1.259 mg/L	19:52:37
2	Sb 206.836†	78.9	23.1	0.0043 mg/L	0.0043 mg/L	19:52:57
2	Se 196.026†	-16.6	1.1	0.0039 mg/L	0.0039 mg/L	19:52:57
2	Sn 189.927†	811.6	658.1	0.2464 mg/L	0.2464 mg/L	19:52:57
2	Ti 337.279†	76976.7	75923.6	0.1090 mg/L	0.1090 mg/L	19:52:37
2	Tl 190.801†	-18.4	0.7	0.0130 mg/L	0.0130 mg/L	19:52:57
2	V 292.402†	145463.2	143777.1	0.6371 mg/L	0.6371 mg/L	19:52:37
2	Zn 213.857†	44504.8	42851.0	0.4519 mg/L	0.4519 mg/L	19:52:37

 Mean Data: 0608042-06X20

Analyte	Mean Corrected Intensity	Conc. Units	Calib Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2437924.1	1.00 mg/L		0.003			0.30%
Ag 328.068†	36260.6	0.1079 mg/L		0.00168	0.1079 mg/L	0.00168	1.56%
Al 237.313†	20081.9	2.253 mg/L		0.0267	2.253 mg/L	0.0267	1.19%
As 188.979†	5.7	0.0079 mg/L		0.00027	0.0079 mg/L	0.00027	3.40%
B 182.528†	-1.5	-0.0013 mg/L		0.00179	-0.0013 mg/L	0.00179	134.79%
Ba 233.527†	11016.9	0.0588 mg/L		0.00086	0.0588 mg/L	0.00086	1.46%
Be 313.107†	1407.6	0.0004 mg/L		0.00001	0.0004 mg/L	0.00001	2.85%
Ca 315.886†	181418.6	1.490 mg/L		0.0139	1.490 mg/L	0.0139	0.93%
Cd 228.802†	271.3	0.0036 mg/L		0.00026	0.0036 mg/L	0.00026	7.19%
Co 228.616†	206.6	0.0012 mg/L		0.00008	0.0012 mg/L	0.00008	6.22%
Cr 267.716†	21151.4	0.1568 mg/L		0.00140	0.1568 mg/L	0.00140	0.89%
Cu 324.752†	1240566.6	4.756 mg/L		0.0187	4.756 mg/L	0.0187	0.39%
Fe 238.204†	701872.8	5.856 mg/L		0.0444	5.856 mg/L	0.0444	0.76%
Fe 234.349†	213890.0	5.870 mg/L		0.0479	5.870 mg/L	0.0479	0.82%
Mg 279.077†	15984.7	0.8667 mg/L		0.00626	0.8667 mg/L	0.00626	0.72%
Mn 257.610†	111921.9	0.1084 mg/L		0.00107	0.1084 mg/L	0.00107	0.99%
Mo 202.031†	41.2	0.0059 mg/L		0.00031	0.0059 mg/L	0.00031	5.26%
Na 330.237†	158.4	0.7779 mg/L		0.03055	0.7779 mg/L	0.03055	3.93%
Ni 231.604†	4978.9	0.0967 mg/L		0.00149	0.0967 mg/L	0.00149	1.54%
Pb 220.353†	10957.9	1.268 mg/L		0.0125	1.268 mg/L	0.0125	0.98%
Sb 206.836†	18.5	0.0032 mg/L		0.00160	0.0032 mg/L	0.00160	49.96%
Se 196.026†	1.4	0.0043 mg/L		0.00057	0.0043 mg/L	0.00057	13.27%
Sn 189.927†	669.2	0.2507 mg/L		0.00614	0.2507 mg/L	0.00614	2.45%
Ti 337.279†	76448.1	0.1097 mg/L		0.00106	0.1097 mg/L	0.00106	0.97%
Tl 190.801†	4.2	0.0164 mg/L		0.00481	0.0164 mg/L	0.00481	29.25%
V 292.402†	144738.8	0.6413 mg/L		0.00602	0.6413 mg/L	0.00602	0.94%
Zn 213.857†	43186.1	0.4555 mg/L		0.00502	0.4555 mg/L	0.00502	1.10%

Sequence No.: 93

Sample ID: BH60210-DUP2X20

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 77

Date Collected: 8/3/2006 7:54:36 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

 Replicate Data: BH60210-DUP2X20

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2434782.7	2434782.7	1.00 mg/L		19:56:11
1	Ag 328.068†	31443.8	31197.2	0.0929 mg/L	0.0929 mg/L	19:56:16
1	Al 237.313†	20142.4	20363.5	2.285 mg/L	2.285 mg/L	19:56:16
1	As 188.979†	-7.1	3.9	0.0058 mg/L	0.0058 mg/L	19:56:37
1	B 182.528†	-18.4	-3.6	-0.0031 mg/L	-0.0031 mg/L	19:56:37
1	Ba 233.527†	12405.2	12295.4	0.0658 mg/L	0.0658 mg/L	19:56:16
1	Be 313.107†	5738.3	1505.1	0.0004 mg/L	0.0004 mg/L	19:56:11
1	Ca 315.886†	183377.6	183286.7	1.505 mg/L	1.505 mg/L	19:56:11
1	Cd 228.802†	772.4	247.6	0.0034 mg/L	0.0034 mg/L	19:56:37
1	Co 228.616†	7.6	175.9	0.0008 mg/L	0.0008 mg/L	19:56:37
1	Cr 267.716†	21716.3	19517.1	0.1448 mg/L	0.1448 mg/L	19:56:16
1	Cu 324.752†	1073122.4	1070267.4	4.103 mg/L	4.103 mg/L	19:56:11
1	Fe 238.204†	722878.9	705830.2	5.889 mg/L	5.889 mg/L	19:56:11
1	Fe 234.349†	220725.2	215204.7	5.907 mg/L	5.907 mg/L	19:56:11
1	Mg 279.077†	14738.0	14854.9	0.8049 mg/L	0.8049 mg/L	19:56:16
1	Mn 257.610†	93895.0	89663.0	0.0867 mg/L	0.0867 mg/L	19:56:16
1	Mo 202.031†	114.2	45.7	0.0063 mg/L	0.0063 mg/L	19:56:37

1	Na 330.237†	1520.3	225.3	0.8593 mg/L	0.8593 mg/L	19:56:16
1	Ni 231.604†	4692.5	4448.3	0.0864 mg/L	0.0864 mg/L	19:56:16
1	Pb 220.353†	9605.0	9600.9	1.112 mg/L	1.112 mg/L	19:56:16
1	Sb 206.836†	70.2	14.3	0.0023 mg/L	0.0023 mg/L	19:56:37
1	Se 196.026†	-20.9	-3.2	-0.0027 mg/L	-0.0027 mg/L	19:56:37
1	Sn 189.927†	659.3	505.1	0.1865 mg/L	0.1865 mg/L	19:56:37
1	Ti 337.279†	79573.6	78455.3	0.1126 mg/L	0.1126 mg/L	19:56:16
1	Tl 190.801†	-20.1	-1.0	0.0110 mg/L	0.0110 mg/L	19:56:37
1	V 292.402†	149154.4	147345.4	0.6528 mg/L	0.6528 mg/L	19:56:16
1	Zn 213.857†	37758.4	36068.1	0.3802 mg/L	0.3802 mg/L	19:56:16
2	Y 360.073	2463662.8	2463662.8	1.01 mg/L		19:56:43
2	Ag 328.068†	31120.6	30509.4	0.0909 mg/L	0.0909 mg/L	19:56:49
2	Al 237.313†	19850.4	19838.9	2.226 mg/L	2.226 mg/L	19:56:49
2	As 188.979†	-6.3	4.7	0.0068 mg/L	0.0068 mg/L	19:57:09
2	B 182.528†	-18.3	-3.2	-0.0028 mg/L	-0.0028 mg/L	19:57:09
2	Ba 233.527†	12310.3	12056.3	0.0645 mg/L	0.0645 mg/L	19:56:49
2	Be 313.107†	5678.0	1378.3	0.0004 mg/L	0.0004 mg/L	19:56:43
2	Ca 315.886†	182405.5	180176.9	1.480 mg/L	1.480 mg/L	19:56:43
2	Cd 228.802†	785.1	251.1	0.0034 mg/L	0.0034 mg/L	19:57:09
2	Co 228.616†	20.9	189.0	0.0010 mg/L	0.0010 mg/L	19:57:09
2	Cr 267.716†	21494.2	19043.2	0.1413 mg/L	0.1413 mg/L	19:56:49
2	Cu 324.752†	1078325.4	1062830.8	4.074 mg/L	4.074 mg/L	19:56:43
2	Fe 238.204†	720325.9	694834.8	5.797 mg/L	5.797 mg/L	19:56:43
2	Fe 234.349†	219922.0	211824.0	5.814 mg/L	5.814 mg/L	19:56:43
2	Mg 279.077†	14508.7	14455.7	0.7833 mg/L	0.7833 mg/L	19:56:49
2	Mn 257.610†	92893.6	87572.9	0.0846 mg/L	0.0846 mg/L	19:56:49
2	Mo 202.031†	116.2	46.4	0.0063 mg/L	0.0063 mg/L	19:57:09
2	Na 330.237†	1530.5	217.6	0.8506 mg/L	0.8506 mg/L	19:56:49
2	Ni 231.604†	4656.3	4357.5	0.0846 mg/L	0.0846 mg/L	19:56:49
2	Pb 220.353†	9486.3	9371.0	1.085 mg/L	1.085 mg/L	19:56:49
2	Sb 206.836†	73.9	17.1	0.0030 mg/L	0.0030 mg/L	19:57:09
2	Se 196.026†	-17.6	0.4	0.0027 mg/L	0.0027 mg/L	19:57:09
2	Sn 189.927†	642.1	480.4	0.1768 mg/L	0.1768 mg/L	19:57:09
2	Ti 337.279†	78720.2	76679.4	0.1100 mg/L	0.1100 mg/L	19:56:49
2	Tl 190.801†	-16.8	2.4	0.0144 mg/L	0.0144 mg/L	19:57:09
2	V 292.402†	147634.9	144095.7	0.6384 mg/L	0.6384 mg/L	19:56:49
2	Zn 213.857†	37480.0	35350.5	0.3726 mg/L	0.3726 mg/L	19:56:49

Mean Data: BH60210-DUP2X20

Analyte	Mean Corrected		Calib Conc. Units	Std.Dev.	Sample		RSD
	Intensity	Conc.			Conc.	Units	
Y 360.073	2449222.7	1.01	mg/L	0.008			0.83%
Ag 328.068†	30853.3	0.0919	mg/L	0.00144	0.0919	mg/L	1.57%
Al 237.313†	20101.2	2.255	mg/L	0.0418	2.255	mg/L	1.85%
As 188.979†	4.3	0.0063	mg/L	0.00071	0.0063	mg/L	11.27%
B 182.528†	-3.4	-0.0029	mg/L	0.00022	-0.0029	mg/L	7.53%
Ba 233.527†	12175.9	0.0652	mg/L	0.00093	0.0652	mg/L	1.43%
Be 313.107†	1441.7	0.0004	mg/L	0.00002	0.0004	mg/L	4.43%
Ca 315.886†	181731.8	1.492	mg/L	0.0180	1.492	mg/L	1.21%
Cd 228.802†	249.4	0.0034	mg/L	0.00003	0.0034	mg/L	0.91%
Co 228.616†	182.4	0.0009	mg/L	0.00014	0.0009	mg/L	16.16%
Cr 267.716†	19280.2	0.1430	mg/L	0.00247	0.1430	mg/L	1.73%
Cu 324.752†	1066549.1	4.089	mg/L	0.0202	4.089	mg/L	0.49%
Fe 238.204†	700332.5	5.843	mg/L	0.0648	5.843	mg/L	1.11%
Fe 234.349†	213514.4	5.860	mg/L	0.0656	5.860	mg/L	1.12%
Mg 279.077†	14655.3	0.7941	mg/L	0.01527	0.7941	mg/L	1.92%
Mn 257.610†	88618.0	0.0857	mg/L	0.00144	0.0857	mg/L	1.69%
Mo 202.031†	46.1	0.0063	mg/L	0.00003	0.0063	mg/L	0.48%
Na 330.237†	221.4	0.8550	mg/L	0.00613	0.8550	mg/L	0.72%
Ni 231.604†	4402.9	0.0855	mg/L	0.00126	0.0855	mg/L	1.47%
Pb 220.353†	9485.9	1.098	mg/L	0.0188	1.098	mg/L	1.71%
Sb 206.836†	15.7	0.0027	mg/L	0.00053	0.0027	mg/L	19.70%
Se 196.026†	-1.4	0.0000	mg/L	0.00386	0.0000	mg/L	>999.9%
Sn 189.927†	492.8	0.1817	mg/L	0.00684	0.1817	mg/L	3.77%
Ti 337.279†	77567.4	0.1113	mg/L	0.00179	0.1113	mg/L	1.61%
Tl 190.801†	0.7	0.0127	mg/L	0.00240	0.0127	mg/L	18.91%
V 292.402†	145720.5	0.6456	mg/L	0.01017	0.6456	mg/L	1.58%
Zn 213.857†	35709.3	0.3764	mg/L	0.00538	0.3764	mg/L	1.43%

Duplicate Check: BH60210-DUP2X20

Analyte	Expected Conc.	Measured Conc.	Std. Dev.	Units	Difference (%)
Y 360.073			0.000	mg/L	Not calculated
Ag 328.068	0.1079	0.0919	0.001	mg/L	16.0
Al 237.313	2.253	2.255	0.042	mg/L	0.1
As 188.979	0.0079	0.0063	0.001	mg/L	23.0
B 182.528	-0.0013	-0.0029	0.000	mg/L	-75.1
Ba 233.527	0.0588	0.0652	0.001	mg/L	10.4
Be 313.107	0.0004	0.0004	0.000	mg/L	1.4
Ca 315.886	1.490	1.492	0.018	mg/L	0.2
Cd 228.802	0.0036	0.0034	0.000	mg/L	7.3
Co 228.616	0.0012	0.0009	0.000	mg/L	33.2
Cr 267.716	0.1568	0.1430	0.002	mg/L	9.2
Cu 324.752	4.756	4.089	0.020	mg/L	15.1
Fe 238.204	5.856	5.843	0.065	mg/L	0.2
Fe 234.349	5.870	5.860	0.066	mg/L	0.2
Mg 279.077	0.8667	0.7941	0.015	mg/L	8.7
Mn 257.610	0.1084	0.0857	0.001	mg/L	23.4
Mo 202.031	0.0059	0.0063	0.000	mg/L	6.9
Na 330.237	0.7779	0.8550	0.006	mg/L	9.4
Ni 231.604	0.0967	0.0855	0.001	mg/L	12.4
Pb 220.353	1.268	1.098	0.019	mg/L	14.4
Sb 206.836	0.0032	0.0027	0.001	mg/L	18.0
Se 196.026	0.0043	0.0000	0.004	mg/L	198.8
Sn 189.927	0.2507	0.1817	0.007	mg/L	31.9
Ti 337.279	0.1097	0.1113	0.002	mg/L	1.4
Tl 190.801	0.0164	0.0127	0.002	mg/L	25.7
V 292.402	0.6413	0.6456	0.010	mg/L	0.7
Zn 213.857	0.4555	0.3764	0.005	mg/L	19.0

Sequence No.: 94

Sample ID: BH60210-MS2X20

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 78

Date Collected: 8/3/2006 7:58:47 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: BH60210-MS2X20

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2467341.6	2467341.6	1.01 mg/L		20:00:19
1	Ag 328.068†	43032.8	42216.9	0.1255 mg/L	0.1255 mg/L	20:00:25
1	Al 237.313†	20389.8	20341.9	2.277 mg/L	2.277 mg/L	20:00:25
1	As 188.979†	15.7	26.4	0.0328 mg/L	0.0328 mg/L	20:00:45
1	B 182.528†	9.6	24.3	0.0198 mg/L	0.0198 mg/L	20:00:45
1	Ba 233.527†	15148.5	14838.5	0.0799 mg/L	0.0799 mg/L	20:00:25
1	Be 313.107†	18274.8	13798.7	0.0027 mg/L	0.0027 mg/L	20:00:19
1	Ca 315.886†	220291.9	217289.3	1.783 mg/L	1.783 mg/L	20:00:19
1	Cd 228.802†	1931.5	1381.0	0.0168 mg/L	0.0168 mg/L	20:00:45
1	Co 228.616†	1598.8	1745.8	0.0238 mg/L	0.0238 mg/L	20:00:45
1	Cr 267.716†	34004.6	31355.1	0.2319 mg/L	0.2319 mg/L	20:00:25
1	Cu 324.752†	1477801.5	1455391.2	5.579 mg/L	5.579 mg/L	20:00:19
1	Fe 238.204†	819674.4	791797.3	6.605 mg/L	6.605 mg/L	20:00:19
1	Fe 234.349†	250489.1	241659.5	6.632 mg/L	6.632 mg/L	20:00:19
1	Mg 279.077†	20394.3	20241.4	1.098 mg/L	1.098 mg/L	20:00:25
1	Mn 257.610†	177890.7	171299.8	0.1664 mg/L	0.1664 mg/L	20:00:19
1	Mo 202.031†	392.6	318.9	0.0299 mg/L	0.0299 mg/L	20:00:45
1	Na 330.237†	2324.3	998.5	1.726 mg/L	1.726 mg/L	20:00:25
1	Ni 231.604†	7183.2	6843.8	0.1332 mg/L	0.1332 mg/L	20:00:25
1	Pb 220.353†	14321.6	14127.8	1.635 mg/L	1.635 mg/L	20:00:25
1	Sb 206.836†	179.6	121.3	0.0276 mg/L	0.0276 mg/L	20:00:45
1	Se 196.026†	18.2	35.7	0.0565 mg/L	0.0565 mg/L	20:00:45
1	Sn 189.927†	1269.6	1098.6	0.4189 mg/L	0.4189 mg/L	20:00:45
1	Ti 337.279†	86506.5	84245.9	0.1208 mg/L	0.1208 mg/L	20:00:25
1	Tl 190.801†	8.1	27.1	0.0387 mg/L	0.0387 mg/L	20:00:45
1	V 292.402†	160914.5	156980.7	0.6960 mg/L	0.6960 mg/L	20:00:25
1	Zn 213.857†	63513.7	60981.7	0.6441 mg/L	0.6441 mg/L	20:00:25
2	Y 360.073	2457936.4	2457936.4	1.01 mg/L		20:00:52
2	Ag 328.068†	42968.8	42316.0	0.1258 mg/L	0.1258 mg/L	20:00:57

2	Al 237.313†	20347.5	20376.8	2.281 mg/L	2.281 mg/L	20:00:57
2	As 188.979†	12.4	23.2	0.0289 mg/L	0.0289 mg/L	20:01:17
2	B 182.528†	1.8	16.6	0.0135 mg/L	0.0135 mg/L	20:01:17
2	Ba 233.527†	15142.3	14889.5	0.0802 mg/L	0.0802 mg/L	20:00:57
2	Be 313.107†	18253.2	13846.3	0.0027 mg/L	0.0027 mg/L	20:00:52
2	Ca 315.886†	219066.4	216907.2	1.780 mg/L	1.780 mg/L	20:00:52
2	Cd 228.802†	1925.9	1382.8	0.0169 mg/L	0.0169 mg/L	20:01:17
2	Co 228.616†	1595.3	1748.4	0.0238 mg/L	0.0238 mg/L	20:01:17
2	Cr 267.716†	33943.6	31423.0	0.2324 mg/L	0.2324 mg/L	20:00:57
2	Cu 324.752†	1480044.0	1463191.6	5.609 mg/L	5.609 mg/L	20:00:52
2	Fe 238.204†	816427.4	791675.9	6.604 mg/L	6.604 mg/L	20:00:52
2	Fe 234.349†	249710.4	241834.0	6.637 mg/L	6.637 mg/L	20:00:52
2	Mg 279.077†	20322.0	20246.8	1.098 mg/L	1.098 mg/L	20:00:57
2	Mn 257.610†	177019.3	171108.3	0.1662 mg/L	0.1662 mg/L	20:00:52
2	Mo 202.031†	391.9	319.7	0.0300 mg/L	0.0300 mg/L	20:01:17
2	Na 330.237†	2321.6	1004.6	1.732 mg/L	1.732 mg/L	20:00:57
2	Ni 231.604†	7116.5	6804.9	0.1324 mg/L	0.1324 mg/L	20:00:57
2	Pb 220.353†	14313.5	14173.9	1.640 mg/L	1.640 mg/L	20:00:57
2	Sb 206.836†	181.4	123.8	0.0282 mg/L	0.0282 mg/L	20:01:17
2	Se 196.026†	16.1	33.7	0.0535 mg/L	0.0535 mg/L	20:01:17
2	Sn 189.927†	1254.3	1088.3	0.4148 mg/L	0.4148 mg/L	20:01:17
2	Ti 337.279†	86711.4	84775.5	0.1216 mg/L	0.1216 mg/L	20:00:57
2	Tl 190.801†	16.6	35.5	0.0468 mg/L	0.0468 mg/L	20:01:17
2	V 292.402†	160836.8	157511.3	0.6983 mg/L	0.6983 mg/L	20:00:57
2	Zn 213.857†	63570.4	61277.7	0.6472 mg/L	0.6472 mg/L	20:00:57

Mean Data: BH60210-MS2X20

Analyte	Mean Corrected		Calib Conc. Units	Std. Dev.	Sample		Std. Dev.	RSD
	Intensity				Conc. Units			
Y 360.073	2462639.0		1.01 mg/L	0.003				0.27%
Ag 328.068†	42266.4		0.1256 mg/L	0.00021	0.1256 mg/L	0.00021	0.00021	0.17%
Al 237.313†	20359.4		2.279 mg/L	0.0028	2.279 mg/L	0.0028	0.0028	0.12%
As 188.979†	24.8		0.0309 mg/L	0.00272	0.0309 mg/L	0.00272	0.00272	8.82%
B 182.528†	20.5		0.0167 mg/L	0.00445	0.0167 mg/L	0.00445	0.00445	26.70%
Ba 233.527†	14864.0		0.0800 mg/L	0.00020	0.0800 mg/L	0.00020	0.00020	0.25%
Be 313.107†	13822.5		0.0027 mg/L	0.00001	0.0027 mg/L	0.00001	0.00001	0.23%
Ca 315.886†	217098.2		1.782 mg/L	0.0022	1.782 mg/L	0.0022	0.0022	0.12%
Cd 228.802†	1381.9		0.0169 mg/L	0.00002	0.0169 mg/L	0.00002	0.00002	0.14%
Co 228.616†	1747.1		0.0238 mg/L	0.00003	0.0238 mg/L	0.00003	0.00003	0.11%
Cr 267.716†	31389.0		0.2322 mg/L	0.00035	0.2322 mg/L	0.00035	0.00035	0.15%
Cu 324.752†	1459291.4		5.594 mg/L	0.0211	5.594 mg/L	0.0211	0.0211	0.38%
Fe 238.204†	791736.6		6.604 mg/L	0.0007	6.604 mg/L	0.0007	0.0007	0.01%
Fe 234.349†	241746.7		6.634 mg/L	0.0034	6.634 mg/L	0.0034	0.0034	0.05%
Mg 279.077†	20244.1		1.098 mg/L	0.0002	1.098 mg/L	0.0002	0.0002	0.02%
Mn 257.610†	171204.0		0.1663 mg/L	0.00013	0.1663 mg/L	0.00013	0.00013	0.08%
Mo 202.031†	319.3		0.0299 mg/L	0.00005	0.0299 mg/L	0.00005	0.00005	0.16%
Na 330.237†	1001.6		1.729 mg/L	0.0048	1.729 mg/L	0.0048	0.0048	0.28%
Ni 231.604†	6824.4		0.1328 mg/L	0.00054	0.1328 mg/L	0.00054	0.00054	0.41%
Pb 220.353†	14150.9		1.637 mg/L	0.0038	1.637 mg/L	0.0038	0.0038	0.23%
Sb 206.836†	122.6		0.0279 mg/L	0.00043	0.0279 mg/L	0.00043	0.00043	1.54%
Se 196.026†	34.7		0.0550 mg/L	0.00215	0.0550 mg/L	0.00215	0.00215	3.90%
Sn 189.927†	1093.4		0.4168 mg/L	0.00286	0.4168 mg/L	0.00286	0.00286	0.69%
Ti 337.279†	84510.7		0.1212 mg/L	0.00053	0.1212 mg/L	0.00053	0.00053	0.44%
Tl 190.801†	31.3		0.0428 mg/L	0.00574	0.0428 mg/L	0.00574	0.00574	13.41%
V 292.402†	157246.0		0.6972 mg/L	0.00166	0.6972 mg/L	0.00166	0.00166	0.24%
Zn 213.857†	61129.7		0.6456 mg/L	0.00222	0.6456 mg/L	0.00222	0.00222	0.34%

Matrix Recovery Check: BH60210-MS2X20

Analyte	Expected	Measured	Std. Dev.	Units	Recovery (%)
	Conc.	Conc.			
Ag 328.068	0.3579	0.1256	0.000	mg/L	7.1
Al 237.313	4.753	2.279	0.003	mg/L	1.0
As 188.979	0.5079	0.0309	0.003	mg/L	4.6
B 182.528	0.4987	0.0167	0.004	mg/L	3.6
Ba 233.527	0.5588	0.0800	0.000	mg/L	4.3
Be 313.107	0.0504	0.0027	0.000	mg/L	4.7
Ca 315.886	6.490	1.782	0.002	mg/L	5.8
Cd 228.802	0.2536	0.0169	0.000	mg/L	5.3
Co 228.616	0.5012	0.0238	0.000	mg/L	4.5

Cr 267.716	0.6568	0.2322	0.000	mg/L	15.1
Cu 324.752	5.256	5.594	0.021	mg/L	167.7
Fe 238.204	8.356	6.604	0.001	mg/L	29.9
Fe 234.349	8.370	6.634	0.003	mg/L	30.6
Mg 279.077	5.867	1.098	0.000	mg/L	4.6
Mn 257.610	0.6084	0.1663	0.000	mg/L	11.6
Mo 202.031	0.5059	0.0299	0.000	mg/L	4.8
Na 330.237	25.78	1.729	0.005	mg/L	3.8
Ni 231.604	0.5967	0.1328	0.001	mg/L	7.2
Pb 220.353	1.768	1.637	0.004	mg/L	73.8
Sb 206.836	0.5032	0.0279	0.000	mg/L	4.9
Se 196.026	1.004	0.0550	0.002	mg/L	5.1
Sn 189.927	0.7507	0.4168	0.003	mg/L	33.2
Ti 337.279	0.6097	0.1212	0.001	mg/L	2.3
Tl 190.801	0.5164	0.0428	0.006	mg/L	5.3
V 292.402	1.141	0.6972	0.002	mg/L	11.2
Zn 213.857	0.9555	0.6456	0.002	mg/L	38.0

Sequence No.: 95
 Sample ID: BH60210-SD2X100
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 79
 Date Collected: 8/3/2006 8:02:53 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: BH60210-SD2X100

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2438132.9	2438132.9	1.00 mg/L		20:04:24
1	Ag 328.068†	7239.2	6986.1	0.0212 mg/L	0.0212 mg/L	20:04:29
1	Al 237.313†	3722.0	3940.3	0.4479 mg/L	0.4479 mg/L	20:04:49
1	As 188.979†	-9.4	1.5	0.0026 mg/L	0.0026 mg/L	20:04:49
1	B 182.528†	-19.9	-5.0	-0.0042 mg/L	-0.0042 mg/L	20:04:49
1	Ba 233.527†	2243.6	2132.2	0.0099 mg/L	0.0099 mg/L	20:04:49
1	Be 313.107†	4316.3	77.4	0.0001 mg/L	0.0001 mg/L	20:04:24
1	Ca 315.886†	35549.6	35430.8	0.2950 mg/L	0.2950 mg/L	20:04:29
1	Cd 228.802†	583.5	57.9	0.0013 mg/L	0.0013 mg/L	20:04:49
1	Co 228.616†	-135.1	33.5	-0.0011 mg/L	-0.0011 mg/L	20:04:49
1	Cr 267.716†	6202.0	3996.5	0.0302 mg/L	0.0302 mg/L	20:04:29
1	Cu 324.752†	252136.6	249051.0	0.9551 mg/L	0.9551 mg/L	20:04:24
1	Fe 238.204†	148527.7	131356.0	1.102 mg/L	1.102 mg/L	20:04:24
1	Fe 234.349†	44435.4	38878.8	1.069 mg/L	1.069 mg/L	20:04:29
1	Mg 279.077†	3258.9	3373.0	0.1886 mg/L	0.1886 mg/L	20:04:29
1	Mn 257.610†	31747.4	27480.5	0.0258 mg/L	0.0258 mg/L	20:04:29
1	Mo 202.031†	88.7	20.1	0.0034 mg/L	0.0034 mg/L	20:04:49
1	Na 330.237†	1289.2	-7.6	0.5925 mg/L	0.5925 mg/L	20:04:29
1	Ni 231.604†	1130.9	885.6	0.0167 mg/L	0.0167 mg/L	20:04:49
1	Pb 220.353†	2142.7	2136.7	0.2489 mg/L	0.2489 mg/L	20:04:49
1	Sb 206.836†	50.2	-5.8	-0.0013 mg/L	-0.0013 mg/L	20:04:49
1	Se 196.026†	-13.6	4.1	0.0084 mg/L	0.0084 mg/L	20:04:49
1	Sn 189.927†	226.4	72.0	0.0167 mg/L	0.0167 mg/L	20:04:49
1	Ti 337.279†	16017.0	14885.8	0.0218 mg/L	0.0218 mg/L	20:04:29
1	Tl 190.801†	-16.1	3.1	0.0176 mg/L	0.0176 mg/L	20:04:49
1	V 292.402†	30148.0	28314.4	0.1260 mg/L	0.1260 mg/L	20:04:29
1	Zn 213.857†	10666.4	8965.2	0.0940 mg/L	0.0940 mg/L	20:04:29
2	Y 360.073	2433562.7	2433562.7	1.000 mg/L		20:04:56
2	Ag 328.068†	7302.4	7063.0	0.0215 mg/L	0.0215 mg/L	20:05:01
2	Al 237.313†	3715.4	3940.7	0.4479 mg/L	0.4479 mg/L	20:05:21
2	As 188.979†	-8.1	2.9	0.0042 mg/L	0.0042 mg/L	20:05:21
2	B 182.528†	-15.9	-1.0	-0.0010 mg/L	-0.0010 mg/L	20:05:21
2	Ba 233.527†	2257.7	2150.5	0.0100 mg/L	0.0100 mg/L	20:05:21
2	Be 313.107†	4322.7	91.9	0.0001 mg/L	0.0001 mg/L	20:04:56
2	Ca 315.886†	35730.6	35678.4	0.2970 mg/L	0.2970 mg/L	20:05:01
2	Cd 228.802†	588.3	63.9	0.0014 mg/L	0.0014 mg/L	20:05:21
2	Co 228.616†	-141.3	27.0	-0.0012 mg/L	-0.0012 mg/L	20:05:21
2	Cr 267.716†	6194.6	4000.7	0.0302 mg/L	0.0302 mg/L	20:05:01
2	Cu 324.752†	251792.3	249179.4	0.9556 mg/L	0.9556 mg/L	20:04:56
2	Fe 238.204†	148382.5	131489.2	1.104 mg/L	1.104 mg/L	20:04:56
2	Fe 234.349†	44623.4	39150.1	1.077 mg/L	1.077 mg/L	20:05:01
2	Mg 279.077†	3231.2	3351.4	0.1874 mg/L	0.1874 mg/L	20:05:01

2	Mn 257.610†	31813.6	27606.3	0.0259 mg/L	0.0259 mg/L	20:05:01
2	Mo 202.031†	77.2	8.8	0.0024 mg/L	0.0024 mg/L	20:05:21
2	Na 330.237†	1313.8	19.4	0.6232 mg/L	0.6232 mg/L	20:05:01
2	Ni 231.604†	1098.2	855.0	0.0161 mg/L	0.0161 mg/L	20:05:21
2	Pb 220.353†	2116.3	2114.4	0.2463 mg/L	0.2463 mg/L	20:05:21
2	Sb 206.836†	53.7	-2.2	-0.0004 mg/L	-0.0004 mg/L	20:05:21
2	Se 196.026†	-18.1	-0.4	0.0016 mg/L	0.0016 mg/L	20:05:21
2	Sn 189.927†	222.7	68.8	0.0155 mg/L	0.0155 mg/L	20:05:21
2	Ti 337.279†	16035.0	14933.8	0.0219 mg/L	0.0219 mg/L	20:05:01
2	Tl 190.801†	-15.2	3.8	0.0183 mg/L	0.0183 mg/L	20:05:21
2	V 292.402†	30321.6	28544.5	0.1270 mg/L	0.1270 mg/L	20:05:01
2	Zn 213.857†	10707.8	9026.7	0.0947 mg/L	0.0947 mg/L	20:05:01

Mean Data: BH60210-SD2X100

Analyte	Mean Corrected		Calib		Sample		RSD
	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	
Y 360.073	2435847.8	1.00	mg/L	0.001			0.13%
Ag 328.068†	7024.5	0.0213	mg/L	0.00016	0.0213	mg/L	0.75%
Al 237.313†	3940.5	0.4479	mg/L	0.00000	0.4479	mg/L	0.00%
As 188.979†	2.2	0.0034	mg/L	0.00113	0.0034	mg/L	33.71%
B 182.528†	-3.0	-0.0026	mg/L	0.00230	-0.0026	mg/L	88.26%
Ba 233.527†	2141.4	0.0100	mg/L	0.00007	0.0100	mg/L	0.72%
Be 313.107†	84.6	0.0001	mg/L	0.00000	0.0001	mg/L	1.67%
Ca 315.886†	35554.6	0.2960	mg/L	0.00143	0.2960	mg/L	0.48%
Cd 228.802†	60.9	0.0014	mg/L	0.00005	0.0014	mg/L	3.49%
Co 228.616†	30.2	-0.0011	mg/L	0.00007	-0.0011	mg/L	6.10%
Cr 267.716†	3998.6	0.0302	mg/L	0.00002	0.0302	mg/L	0.08%
Cu 324.752†	249115.2	0.9554	mg/L	0.00035	0.9554	mg/L	0.04%
Fe 238.204†	131422.6	1.103	mg/L	0.00008	1.103	mg/L	0.07%
Fe 234.349†	39014.5	1.073	mg/L	0.0053	1.073	mg/L	0.49%
Mg 279.077†	3362.2	0.1880	mg/L	0.00085	0.1880	mg/L	0.45%
Mn 257.610†	27543.4	0.0259	mg/L	0.00009	0.0259	mg/L	0.34%
Mo 202.031†	14.5	0.0029	mg/L	0.00068	0.0029	mg/L	23.37%
Na 330.237†	5.9	0.6078	mg/L	0.02172	0.6078	mg/L	3.57%
Ni 231.604†	870.3	0.0164	mg/L	0.00042	0.0164	mg/L	2.59%
Pb 220.353†	2125.5	0.2476	mg/L	0.00183	0.2476	mg/L	0.74%
Sb 206.836†	-4.0	-0.0008	mg/L	0.00063	-0.0008	mg/L	77.82%
Se 196.026†	1.9	0.0050	mg/L	0.00484	0.0050	mg/L	96.47%
Sn 189.927†	70.4	0.0161	mg/L	0.00089	0.0161	mg/L	5.51%
Ti 337.279†	14909.8	0.0219	mg/L	0.00005	0.0219	mg/L	0.22%
Tl 190.801†	3.4	0.0180	mg/L	0.00053	0.0180	mg/L	2.96%
V 292.402†	28429.4	0.1265	mg/L	0.00072	0.1265	mg/L	0.57%
Zn 213.857†	8996.0	0.0943	mg/L	0.00046	0.0943	mg/L	0.49%

Dilution Check: BH60210-SD2X100

Analyte	Expected	Measured	Std. Dev.	Units	Difference (%)
	Conc.	Conc.			
Y 360.073			0.000	mg/L	Not calculated
Ag 328.068	0.0216	0.0213	0.000	mg/L	1.0
Al 237.313	0.4505	0.4479	0.000	mg/L	0.6
As 188.979	0.0016	0.0034	0.001	mg/L	111.0
B 182.528	-0.0003	-0.0026	0.002	mg/L	-876.8
Ba 233.527	0.0118	0.0100	0.000	mg/L	15.3
Be 313.107	0.0001	0.0001	0.000	mg/L	52.0
Ca 315.886	0.2980	0.2960	0.001	mg/L	0.6
Cd 228.802	0.0007	0.0014	0.000	mg/L	86.2
Co 228.616	0.0002	-0.0011	0.000	mg/L	552.9
Cr 267.716	0.0314	0.0302	0.000	mg/L	3.8
Cu 324.752	0.9511	0.9554	0.000	mg/L	0.4
Fe 238.204	1.171	1.103	0.001	mg/L	5.8
Fe 234.349	1.174	1.073	0.005	mg/L	8.6
Mg 279.077	0.1733	0.1880	0.001	mg/L	8.4
Mn 257.610	0.0217	0.0259	0.000	mg/L	19.4
Mo 202.031	0.0012	0.0029	0.001	mg/L	148.1
Na 330.237	0.1556	0.6078	0.022	mg/L	290.7
Ni 231.604	0.0193	0.0164	0.000	mg/L	15.4
Pb 220.353	0.2537	0.2476	0.002	mg/L	2.4
Sb 206.836	0.0006	-0.0008	0.001	mg/L	226.3
Se 196.026	0.0009	0.0050	0.005	mg/L	489.1

Sn 189.927	0.0501	0.0161	0.001	mg/L	67.9
Ti 337.279	0.0219	0.0219	0.000	mg/L	0.4
Tl 190.801	0.0033	0.0180	0.001	mg/L	446.3
V 292.402	0.1283	0.1265	0.001	mg/L	1.4
Zn 213.857	0.0911	0.0943	0.000	mg/L	3.5

Sequence No.: 96
 Sample ID: BH60210-PDS2X20
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 80
 Date Collected: 8/3/2006 8:06:57 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: BH60210-PDS2X20

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	Y 360.073	2461463.4	2461463.4	1.01	mg/L			20:08:30
1	Ag 328.068†	123666.3	122066.6	0.3615	mg/L	0.3615	mg/L	20:08:35
1	Al 237.313†	42513.6	42270.8	4.760	mg/L	4.760	mg/L	20:08:35
1	As 188.979†	400.3	406.9	0.4904	mg/L	0.4904	mg/L	20:08:56
1	B 182.528†	602.0	610.2	0.5010	mg/L	0.5010	mg/L	20:08:56
1	Ba 233.527†	104384.9	103130.8	0.5688	mg/L	0.5688	mg/L	20:08:35
1	Be 313.107†	285062.1	277700.1	0.0526	mg/L	0.0526	mg/L	20:08:30
1	Ca 315.886†	828154.5	818997.4	6.704	mg/L	6.704	mg/L	20:08:30
1	Cd 228.802†	22533.6	21761.5	0.2593	mg/L	0.2593	mg/L	20:08:35
1	Co 228.616†	35449.8	35228.9	0.5145	mg/L	0.5145	mg/L	20:08:35
1	Cr 267.716†	94342.5	91110.6	0.6719	mg/L	0.6719	mg/L	20:08:35
1	Cu 324.752†	1393917.5	1375910.2	5.275	mg/L	5.275	mg/L	20:08:30
1	Fe 238.204†	1035396.9	1007082.8	8.399	mg/L	8.399	mg/L	20:08:30
1	Fe 234.349†	314944.3	305997.3	8.393	mg/L	8.393	mg/L	20:08:35
1	Mg 279.077†	110070.9	108981.5	5.938	mg/L	5.938	mg/L	20:08:35
1	Mn 257.610†	654809.9	643402.0	0.6273	mg/L	0.6273	mg/L	20:08:30
1	Mo 202.031†	6080.5	5945.3	0.5143	mg/L	0.5143	mg/L	20:08:56
1	Na 330.237†	23135.4	21586.6	25.17	mg/L	25.17	mg/L	20:08:35
1	Ni 231.604†	32098.1	31502.1	0.6152	mg/L	0.6152	mg/L	20:08:35
1	Pb 220.353†	15569.1	15395.4	1.783	mg/L	1.783	mg/L	20:08:35
1	Sb 206.836†	2161.0	2081.3	0.5058	mg/L	0.5058	mg/L	20:08:56
1	Se 196.026†	669.1	679.5	1.037	mg/L	1.037	mg/L	20:08:56
1	Sn 189.927†	2192.5	2014.4	0.7785	mg/L	0.7785	mg/L	20:08:56
1	Ti 337.279†	447038.1	441023.2	0.6302	mg/L	0.6302	mg/L	20:08:30
1	Tl 190.801†	603.5	616.0	0.6067	mg/L	0.6067	mg/L	20:08:56
1	V 292.402†	264293.3	259603.7	1.152	mg/L	1.152	mg/L	20:08:35
1	Zn 213.857†	95960.1	93221.6	0.9842	mg/L	0.9842	mg/L	20:08:35
2	Y 360.073	2454195.9	2454195.9	1.01	mg/L			20:09:03
2	Ag 328.068†	122979.2	121747.1	0.3605	mg/L	0.3605	mg/L	20:09:08
2	Al 237.313†	42240.7	42124.5	4.743	mg/L	4.743	mg/L	20:09:08
2	As 188.979†	395.4	403.2	0.4860	mg/L	0.4860	mg/L	20:09:29
2	B 182.528†	599.7	609.7	0.5005	mg/L	0.5005	mg/L	20:09:29
2	Ba 233.527†	103565.4	102623.7	0.5660	mg/L	0.5660	mg/L	20:09:08
2	Be 313.107†	283295.6	276782.6	0.0524	mg/L	0.0524	mg/L	20:09:03
2	Ca 315.886†	822827.2	816138.4	6.681	mg/L	6.681	mg/L	20:09:03
2	Cd 228.802†	22412.5	21707.3	0.2587	mg/L	0.2587	mg/L	20:09:08
2	Co 228.616†	35157.5	35042.8	0.5118	mg/L	0.5118	mg/L	20:09:08
2	Cr 267.716†	93696.4	90746.0	0.6692	mg/L	0.6692	mg/L	20:09:08
2	Cu 324.752†	1390093.6	1376199.5	5.276	mg/L	5.276	mg/L	20:09:03
2	Fe 238.204†	1029251.0	1004018.7	8.373	mg/L	8.373	mg/L	20:09:03
2	Fe 234.349†	312226.9	304224.1	8.344	mg/L	8.344	mg/L	20:09:08
2	Mg 279.077†	109074.1	108315.1	5.902	mg/L	5.902	mg/L	20:09:08
2	Mn 257.610†	650660.7	641204.0	0.6252	mg/L	0.6252	mg/L	20:09:03
2	Mo 202.031†	5964.9	5848.5	0.5060	mg/L	0.5060	mg/L	20:09:29
2	Na 330.237†	23004.6	21524.6	25.10	mg/L	25.10	mg/L	20:09:08
2	Ni 231.604†	31769.7	31270.4	0.6107	mg/L	0.6107	mg/L	20:09:08
2	Pb 220.353†	15521.5	15393.9	1.783	mg/L	1.783	mg/L	20:09:08
2	Sb 206.836†	2126.5	2053.5	0.4989	mg/L	0.4989	mg/L	20:09:29
2	Se 196.026†	663.0	675.4	1.031	mg/L	1.031	mg/L	20:09:29
2	Sn 189.927†	2159.2	1987.8	0.7681	mg/L	0.7681	mg/L	20:09:29
2	Ti 337.279†	442803.9	438132.3	0.6260	mg/L	0.6260	mg/L	20:09:03
2	Tl 190.801†	599.9	614.2	0.6050	mg/L	0.6050	mg/L	20:09:29
2	V 292.402†	262275.7	258376.3	1.147	mg/L	1.147	mg/L	20:09:08
2	Zn 213.857†	95175.8	92724.7	0.9790	mg/L	0.9790	mg/L	20:09:08

Mean Data: BH60210-PDS2X20

Analyte	Mean Corrected		Calib	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 360.073	2457829.6	1.01 mg/L	0.002				0.21%
Ag 328.068†	121906.8	0.3610 mg/L	0.00067		0.3610 mg/L	0.00067	0.19%
Al 237.313†	42197.7	4.751 mg/L	0.0115		4.751 mg/L	0.0115	0.24%
As 188.979†	405.1	0.4882 mg/L	0.00314		0.4882 mg/L	0.00314	0.64%
B 182.528†	610.0	0.5007 mg/L	0.00033		0.5007 mg/L	0.00033	0.06%
Ba 233.527†	102877.3	0.5674 mg/L	0.00198		0.5674 mg/L	0.00198	0.35%
Be 313.107†	277241.3	0.0525 mg/L	0.00012		0.0525 mg/L	0.00012	0.23%
Ca 315.886†	817567.9	6.692 mg/L	0.0165		6.692 mg/L	0.0165	0.25%
Cd 228.802†	21734.4	0.2590 mg/L	0.00045		0.2590 mg/L	0.00045	0.17%
Co 228.616†	35135.9	0.5132 mg/L	0.00193		0.5132 mg/L	0.00193	0.38%
Cr 267.716†	90928.3	0.6706 mg/L	0.00190		0.6706 mg/L	0.00190	0.28%
Cu 324.752†	1376054.9	5.275 mg/L	0.0008		5.275 mg/L	0.0008	0.01%
Fe 238.204†	1005550.7	8.386 mg/L	0.0181		8.386 mg/L	0.0181	0.22%
Fe 234.349†	305110.7	8.368 mg/L	0.0344		8.368 mg/L	0.0344	0.41%
Mg 279.077†	108648.3	5.920 mg/L	0.0256		5.920 mg/L	0.0256	0.43%
Mn 257.610†	642303.0	0.6262 mg/L	0.00152		0.6262 mg/L	0.00152	0.24%
Mo 202.031†	5896.9	0.5102 mg/L	0.00590		0.5102 mg/L	0.00590	1.16%
Na 330.237†	21555.6	25.14 mg/L	0.050		25.14 mg/L	0.050	0.20%
Ni 231.604†	31386.3	0.6129 mg/L	0.00320		0.6129 mg/L	0.00320	0.52%
Pb 220.353†	15394.6	1.783 mg/L	0.0002		1.783 mg/L	0.0002	0.01%
Sb 206.836†	2067.4	0.5024 mg/L	0.00484		0.5024 mg/L	0.00484	0.96%
Se 196.026†	677.5	1.034 mg/L	0.0045		1.034 mg/L	0.0045	0.43%
Sn 189.927†	2001.1	0.7733 mg/L	0.00738		0.7733 mg/L	0.00738	0.95%
Ti 337.279†	439577.8	0.6281 mg/L	0.00292		0.6281 mg/L	0.00292	0.46%
Tl 190.801†	615.1	0.6059 mg/L	0.00121		0.6059 mg/L	0.00121	0.20%
V 292.402†	258990.0	1.150 mg/L	0.0038		1.150 mg/L	0.0038	0.33%
Zn 213.857†	92973.1	0.9816 mg/L	0.00372		0.9816 mg/L	0.00372	0.38%

Matrix Recovery Check: BH60210-PDS2X20

Analyte	Expected	Measured	Std. Dev.	Units	Recovery (%)
	Conc.	Conc.			
Ag 328.068	0.3579	0.3610	0.001	mg/L	101.3
Al 237.313	4.753	4.751	0.012	mg/L	99.9
As 188.979	0.5079	0.4882	0.003	mg/L	96.1
B 182.528	0.4987	0.5007	0.000	mg/L	100.4
Ba 233.527	0.5588	0.5674	0.002	mg/L	101.7
Be 313.107	0.0504	0.0525	0.000	mg/L	104.2
Ca 315.886	6.490	6.692	0.017	mg/L	104.1
Cd 228.802	0.2536	0.2590	0.000	mg/L	102.1
Co 228.616	0.5012	0.5132	0.002	mg/L	102.4
Cr 267.716	0.6568	0.6706	0.002	mg/L	102.8
Cu 324.752	5.256	5.275	0.001	mg/L	103.9
Fe 238.204	8.356	8.386	0.018	mg/L	101.2
Fe 234.349	8.370	8.368	0.034	mg/L	99.9
Mg 279.077	5.867	5.920	0.026	mg/L	101.1
Mn 257.610	0.6084	0.6262	0.002	mg/L	103.6
Mo 202.031	0.5059	0.5102	0.006	mg/L	100.9
Na 330.237	25.78	25.14	0.050	mg/L	97.4
Ni 231.604	0.5967	0.6129	0.003	mg/L	103.2
Pb 220.353	1.768	1.783	0.000	mg/L	103.0
Sb 206.836	0.5032	0.5024	0.005	mg/L	99.8
Se 196.026	1.004	1.034	0.004	mg/L	102.9
Sn 189.927	0.7507	0.7733	0.007	mg/L	104.5
Ti 337.279	0.6097	0.6281	0.003	mg/L	103.7
Tl 190.801	0.5164	0.6059	0.001	mg/L	117.9
V 292.402	1.141	1.150	0.004	mg/L	101.7
Zn 213.857	0.9555	0.9816	0.004	mg/L	105.2

Sequence No.: 97
Sample ID: 0608068-03X5
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 81
Date Collected: 8/3/2006 8:11:05 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

V 292.402+ 15372.5 0.0683 mg/L 0.00041 0.0683 mg/L 0.00041 0.61%
 Zn 213.857+ 47344.8 0.5018 mg/L 0.00259 0.5018 mg/L 0.00259 0.52%

Sequence No.: 100
 Sample ID: CCV
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 3
 Date Collected: 8/3/2006 8:23:42 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: CCV

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2440735.6	2440735.6	1.00 mg/L		20:25:16
1	Ag 328.068+	83997.5	83538.8	0.2475 mg/L	0.2475 mg/L	20:25:21
1	Al 237.313+	21513.5	21681.9	2.456 mg/L	2.456 mg/L	20:25:21
1	As 188.979+	389.3	399.3	0.4806 mg/L	0.4806 mg/L	20:25:42
1	B 182.528+	576.6	589.9	0.4843 mg/L	0.4843 mg/L	20:25:42
1	Ba 233.527+	91293.9	90950.4	0.5017 mg/L	0.5017 mg/L	20:25:21
1	Be 313.107+	269218.5	264291.6	0.0500 mg/L	0.0500 mg/L	20:25:16
1	Ca 315.886+	614741.3	613090.5	5.019 mg/L	5.019 mg/L	20:25:16
1	Cd 228.802+	21233.4	20654.0	0.2464 mg/L	0.2464 mg/L	20:25:21
1	Co 228.616+	34053.3	34133.8	0.4988 mg/L	0.4988 mg/L	20:25:21
1	Cr 267.716+	69871.6	67495.3	0.4976 mg/L	0.4976 mg/L	20:25:21
1	Cu 324.752+	135445.3	132392.3	0.5082 mg/L	0.5082 mg/L	20:25:21
1	Fe 238.204+	306937.7	289199.2	2.418 mg/L	2.418 mg/L	20:25:21
1	Fe 234.349+	94263.6	88531.1	2.427 mg/L	2.427 mg/L	20:25:21
1	Mg 279.077+	91994.9	91876.7	5.017 mg/L	5.017 mg/L	20:25:21
1	Mn 257.610+	518162.5	512607.0	0.4994 mg/L	0.4994 mg/L	20:25:16
1	Mo 202.031+	5819.2	5735.8	0.4955 mg/L	0.4955 mg/L	20:25:42
1	Na 330.237+	21989.3	20637.8	24.10 mg/L	24.10 mg/L	20:25:21
1	Ni 231.604+	25813.2	25503.0	0.4979 mg/L	0.4979 mg/L	20:25:21
1	Pb 220.353+	4277.4	4263.7	0.4968 mg/L	0.4968 mg/L	20:25:42
1	Sb 206.836+	2069.3	2008.1	0.4898 mg/L	0.4898 mg/L	20:25:42
1	Se 196.026+	649.0	665.1	1.015 mg/L	1.015 mg/L	20:25:42
1	Sn 189.927+	1362.3	1204.7	0.4613 mg/L	0.4613 mg/L	20:25:42
1	Ti 337.279+	348650.2	346643.8	0.4954 mg/L	0.4954 mg/L	20:25:16
1	Tl 190.801+	576.4	594.0	0.5882 mg/L	0.5882 mg/L	20:25:42
1	V 292.402+	114686.6	112602.7	0.5016 mg/L	0.5016 mg/L	20:25:21
1	Zn 213.857+	48482.7	46672.7	0.4924 mg/L	0.4924 mg/L	20:25:21
2	Y 360.073	2468062.1	2468062.1	1.01 mg/L		20:25:48
2	Ag 328.068+	84098.9	82711.2	0.2450 mg/L	0.2450 mg/L	20:25:54
2	Al 237.313+	21467.8	21399.3	2.425 mg/L	2.425 mg/L	20:25:54
2	As 188.979+	382.6	388.4	0.4676 mg/L	0.4676 mg/L	20:26:14
2	B 182.528+	583.5	590.4	0.4846 mg/L	0.4846 mg/L	20:26:14
2	Ba 233.527+	91090.7	89741.7	0.4951 mg/L	0.4951 mg/L	20:25:54
2	Be 313.107+	271513.3	263582.0	0.0499 mg/L	0.0499 mg/L	20:25:48
2	Ca 315.886+	619753.0	611245.0	5.004 mg/L	5.004 mg/L	20:25:48
2	Cd 228.802+	21293.2	20478.4	0.2443 mg/L	0.2443 mg/L	20:25:54
2	Co 228.616+	34044.0	33748.6	0.4932 mg/L	0.4932 mg/L	20:25:54
2	Cr 267.716+	69847.7	66700.1	0.4918 mg/L	0.4918 mg/L	20:25:54
2	Cu 324.752+	135807.5	131253.7	0.5038 mg/L	0.5038 mg/L	20:25:54
2	Fe 238.204+	306605.4	285481.8	2.387 mg/L	2.387 mg/L	20:25:54
2	Fe 234.349+	94114.2	87342.7	2.395 mg/L	2.395 mg/L	20:25:54
2	Mg 279.077+	91903.1	90770.1	4.957 mg/L	4.957 mg/L	20:25:54
2	Mn 257.610+	522875.3	511533.4	0.4984 mg/L	0.4984 mg/L	20:25:48
2	Mo 202.031+	5846.0	5697.9	0.4922 mg/L	0.4922 mg/L	20:26:14
2	Na 330.237+	22048.6	20453.5	23.89 mg/L	23.89 mg/L	20:25:54
2	Ni 231.604+	25735.1	25140.9	0.4908 mg/L	0.4908 mg/L	20:25:54
2	Pb 220.353+	4292.1	4230.9	0.4930 mg/L	0.4930 mg/L	20:26:14
2	Sb 206.836+	2079.8	1995.6	0.4868 mg/L	0.4868 mg/L	20:26:14
2	Se 196.026+	653.6	662.4	1.011 mg/L	1.011 mg/L	20:26:14
2	Sn 189.927+	1343.9	1171.5	0.4483 mg/L	0.4483 mg/L	20:26:14
2	Ti 337.279+	353096.7	347179.4	0.4962 mg/L	0.4962 mg/L	20:25:48
2	Tl 190.801+	590.5	601.5	0.5955 mg/L	0.5955 mg/L	20:26:14
2	V 292.402+	114497.0	111149.2	0.4951 mg/L	0.4951 mg/L	20:25:54
2	Zn 213.857+	48365.5	46021.6	0.4855 mg/L	0.4855 mg/L	20:25:54

Mean Data: CCV

Analyte	Mean Corrected		Calib		Sample		Std.Dev.	RSD
	Intensity	Conc.	Units	Std.Dev.	Conc.	Units		
Y 360.073	2454398.8	1.01	mg/L	0.008				0.79%
Ag 328.068†	83125.0	0.2463	mg/L	0.00173	0.2463	mg/L	0.00173	0.70%
QC value within limits for Ag		328.068		Recovery = 98.51%				
Al 237.313†	21540.6	2.441	mg/L	0.0226	2.441	mg/L	0.0226	0.93%
QC value within limits for Al		237.313		Recovery = 97.62%				
As 188.979†	393.8	0.4741	mg/L	0.00921	0.4741	mg/L	0.00921	1.94%
QC value within limits for As		188.979		Recovery = 94.82%				
B 182.528†	590.1	0.4845	mg/L	0.00025	0.4845	mg/L	0.00025	0.05%
QC value within limits for B		182.528		Recovery = 96.89%				
Ba 233.527†	90346.1	0.4984	mg/L	0.00473	0.4984	mg/L	0.00473	0.95%
QC value within limits for Ba		233.527		Recovery = 99.68%				
Be 313.107†	263936.8	0.0500	mg/L	0.00010	0.0500	mg/L	0.00010	0.19%
QC value within limits for Be		313.107		Recovery = 99.92%				
Ca 315.886†	612167.7	5.011	mg/L	0.0107	5.011	mg/L	0.0107	0.21%
QC value within limits for Ca		315.886		Recovery = 100.23%				
Cd 228.802†	20566.2	0.2453	mg/L	0.00146	0.2453	mg/L	0.00146	0.59%
QC value within limits for Cd		228.802		Recovery = 98.14%				
Co 228.616†	33941.2	0.4960	mg/L	0.00400	0.4960	mg/L	0.00400	0.81%
QC value within limits for Co		228.616		Recovery = 99.20%				
Cr 267.716†	67097.7	0.4947	mg/L	0.00414	0.4947	mg/L	0.00414	0.84%
QC value within limits for Cr		267.716		Recovery = 98.94%				
Cu 324.752†	131823.0	0.5060	mg/L	0.00309	0.5060	mg/L	0.00309	0.61%
QC value within limits for Cu		324.752		Recovery = 101.20%				
Fe 238.204†	287340.5	2.402	mg/L	0.0219	2.402	mg/L	0.0219	0.91%
QC value within limits for Fe		238.204		Recovery = 96.10%				
Fe 234.349†	87936.9	2.411	mg/L	0.0230	2.411	mg/L	0.0230	0.95%
QC value within limits for Fe		234.349		Recovery = 96.44%				
Mg 279.077†	91323.4	4.987	mg/L	0.0426	4.987	mg/L	0.0426	0.86%
QC value within limits for Mg		279.077		Recovery = 99.74%				
Mn 257.610†	512070.2	0.4989	mg/L	0.00074	0.4989	mg/L	0.00074	0.15%
QC value within limits for Mn		257.610		Recovery = 99.78%				
Mo 202.031†	5716.8	0.4938	mg/L	0.00231	0.4938	mg/L	0.00231	0.47%
QC value within limits for Mo		202.031		Recovery = 98.77%				
Na 330.237†	20545.6	24.00	mg/L	0.148	24.00	mg/L	0.148	0.62%
QC value within limits for Na		330.237		Recovery = 95.98%				
Ni 231.604†	25322.0	0.4943	mg/L	0.00501	0.4943	mg/L	0.00501	1.01%
QC value within limits for Ni		231.604		Recovery = 98.86%				
Pb 220.353†	4247.3	0.4949	mg/L	0.00269	0.4949	mg/L	0.00269	0.54%
QC value within limits for Pb		220.353		Recovery = 98.99%				
Sb 206.836†	2001.8	0.4883	mg/L	0.00212	0.4883	mg/L	0.00212	0.43%
QC value within limits for Sb		206.836		Recovery = 97.67%				
Se 196.026†	663.7	1.013	mg/L	0.0028	1.013	mg/L	0.0028	0.28%
QC value within limits for Se		196.026		Recovery = 101.28%				
Sn 189.927†	1188.1	0.4548	mg/L	0.00920	0.4548	mg/L	0.00920	2.02%
QC value within limits for Sn		189.927		Recovery = 90.95%				
Ti 337.279†	346911.6	0.4958	mg/L	0.00054	0.4958	mg/L	0.00054	0.11%
QC value within limits for Ti		337.279		Recovery = 99.16%				
Tl 190.801†	597.8	0.5918	mg/L	0.00518	0.5918	mg/L	0.00518	0.87%
QC value greater than the upper limit for Tl		190.801		Recovery = 118.36%				
V 292.402†	111876.0	0.4983	mg/L	0.00457	0.4983	mg/L	0.00457	0.92%
QC value within limits for V		292.402		Recovery = 99.67%				
Zn 213.857†	46347.1	0.4889	mg/L	0.00486	0.4889	mg/L	0.00486	0.99%
QC value within limits for Zn		213.857		Recovery = 97.78%				

Sequence No.: 101
 Sample ID: ICCB
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 1
 Date Collected: 8/3/2006 8:27:51 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: ICCB

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2451170.2	2451170.2	1.01 mg/L		20:29:22
1	Ag 328.068†	229.6	-14.0	0.0005 mg/L	0.0005 mg/L	20:29:28
1	Al 237.313†	-225.0	0.5	0.0074 mg/L	0.0074 mg/L	20:29:48

1	As 188.979†	-9.7	1.3	0.0022 mg/L	0.0022 mg/L	20:29:48
1	B 182.528†	-16.8	-1.9	-0.0017 mg/L	-0.0017 mg/L	20:29:48
1	Ba 233.527†	124.2	15.4	-0.0017 mg/L	-0.0017 mg/L	20:29:48
1	Be 313.107†	4052.7	-207.3	0.0001 mg/L	0.0001 mg/L	20:29:22
1	Ca 315.886†	26.6	-38.6	0.0047 mg/L	0.0047 mg/L	20:29:28
1	Cd 228.802†	530.1	1.8	0.0007 mg/L	0.0007 mg/L	20:29:48
1	Co 228.616†	-169.9	-0.4	-0.0015 mg/L	-0.0015 mg/L	20:29:48
1	Cr 267.716†	2024.2	-185.7	-0.0007 mg/L	-0.0007 mg/L	20:29:48
1	Cu 324.752†	3819.5	1089.8	0.0047 mg/L	0.0047 mg/L	20:29:28
1	Fe 238.204†	5474.3	-11509.8	-0.0878 mg/L	-0.0878 mg/L	20:29:28
1	Fe 234.349†	2035.6	-3467.6	-0.0923 mg/L	-0.0923 mg/L	20:29:48
1	Mg 279.077†	182.0	299.8	0.0233 mg/L	0.0233 mg/L	20:29:28
1	Mn 257.610†	1408.0	-2820.4	-0.0038 mg/L	-0.0038 mg/L	20:29:48
1	Mo 202.031†	80.2	11.2	0.0025 mg/L	0.0025 mg/L	20:29:48
1	Na 330.237†	1254.0	-49.4	0.5465 mg/L	0.5465 mg/L	20:29:28
1	Ni 231.604†	151.2	-93.4	-0.0025 mg/L	-0.0025 mg/L	20:29:48
1	Pb 220.353†	3.8	1.0	0.0021 mg/L	0.0021 mg/L	20:29:48
1	Sb 206.836†	44.8	-11.4	-0.0023 mg/L	-0.0023 mg/L	20:29:48
1	Se 196.026†	-15.5	2.4	0.0058 mg/L	0.0058 mg/L	20:29:48
1	Sn 189.927†	74.5	-80.1	-0.0429 mg/L	-0.0429 mg/L	20:29:48
1	Ti 337.279†	1105.3	-9.2	0.0006 mg/L	0.0006 mg/L	20:29:28
1	Tl 190.801†	-15.6	3.6	0.0186 mg/L	0.0186 mg/L	20:29:48
1	V 292.402†	1810.0	9.7	0.0007 mg/L	0.0007 mg/L	20:29:28
1	Zn 213.857†	1381.7	-312.7	-0.0041 mg/L	-0.0041 mg/L	20:29:48
2	Y 360.073	2415035.1	2415035.1	0.992 mg/L	0.992 mg/L	20:29:54
2	Ag 328.068†	216.6	-23.7	0.0005 mg/L	0.0005 mg/L	20:29:59
2	Al 237.313†	-210.5	11.7	0.0086 mg/L	0.0086 mg/L	20:30:19
2	As 188.979†	-9.6	1.3	0.0021 mg/L	0.0021 mg/L	20:30:19
2	B 182.528†	-18.2	-3.5	-0.0030 mg/L	-0.0030 mg/L	20:30:19
2	Ba 233.527†	127.0	20.0	-0.0017 mg/L	-0.0017 mg/L	20:30:19
2	Be 313.107†	4044.3	-155.6	0.0001 mg/L	0.0001 mg/L	20:29:54
2	Ca 315.886†	139.8	75.9	0.0057 mg/L	0.0057 mg/L	20:29:59
2	Cd 228.802†	529.3	8.8	0.0008 mg/L	0.0008 mg/L	20:30:19
2	Co 228.616†	-179.9	-13.0	-0.0017 mg/L	-0.0017 mg/L	20:30:19
2	Cr 267.716†	2022.0	-157.8	-0.0005 mg/L	-0.0005 mg/L	20:30:19
2	Cu 324.752†	3759.9	1086.4	0.0047 mg/L	0.0047 mg/L	20:29:59
2	Fe 238.204†	5504.5	-11397.9	-0.0869 mg/L	-0.0869 mg/L	20:29:59
2	Fe 234.349†	2052.3	-3420.5	-0.0910 mg/L	-0.0910 mg/L	20:30:19
2	Mg 279.077†	120.2	240.2	0.0200 mg/L	0.0200 mg/L	20:29:59
2	Mn 257.610†	1410.5	-2797.0	-0.0038 mg/L	-0.0038 mg/L	20:30:19
2	Mo 202.031†	73.5	5.7	0.0020 mg/L	0.0020 mg/L	20:30:19
2	Na 330.237†	1253.9	-30.8	0.5675 mg/L	0.5675 mg/L	20:29:59
2	Ni 231.604†	114.5	-128.1	-0.0032 mg/L	-0.0032 mg/L	20:30:19
2	Pb 220.353†	-10.6	-13.4	0.0004 mg/L	0.0004 mg/L	20:30:19
2	Sb 206.836†	47.2	-8.3	-0.0015 mg/L	-0.0015 mg/L	20:30:19
2	Se 196.026†	-17.7	-0.1	0.0020 mg/L	0.0020 mg/L	20:30:19
2	Sn 189.927†	67.0	-86.5	-0.0454 mg/L	-0.0454 mg/L	20:30:19
2	Ti 337.279†	1040.7	-57.9	0.0005 mg/L	0.0005 mg/L	20:29:59
2	Tl 190.801†	-14.6	4.4	0.0193 mg/L	0.0193 mg/L	20:30:19
2	V 292.402†	1771.4	-2.4	0.0007 mg/L	0.0007 mg/L	20:29:59
2	Zn 213.857†	1370.3	-303.6	-0.0040 mg/L	-0.0040 mg/L	20:30:19

 Mean Data: ICCB

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2433102.7	0.999 mg/L	0.0105			
Ag 328.068†	-18.9	0.0005 mg/L	0.00002	0.0005 mg/L	0.00002	4.02%
QC value within limits for Ag 328.068 Recovery = Not calculated						
Al 237.313†	6.1	0.0080 mg/L	0.00090	0.0080 mg/L	0.00090	11.26%
QC value within limits for Al 237.313 Recovery = Not calculated						
As 188.979†	1.3	0.0021 mg/L	0.00002	0.0021 mg/L	0.00002	0.83%
QC value within limits for As 188.979 Recovery = Not calculated						
B 182.528†	-2.7	-0.0023 mg/L	0.00092	-0.0023 mg/L	0.00092	39.70%
QC value within limits for B 182.528 Recovery = Not calculated						
Ba 233.527†	17.7	-0.0017 mg/L	0.00002	-0.0017 mg/L	0.00002	1.06%
QC value within limits for Ba 233.527 Recovery = Not calculated						
Be 313.107†	-181.5	0.0001 mg/L	0.00001	0.0001 mg/L	0.00001	11.16%
QC value within limits for Be 313.107 Recovery = Not calculated						
Ca 315.886†	18.7	0.0052 mg/L	0.00066	0.0052 mg/L	0.00066	12.73%
QC value within limits for Ca 315.886 Recovery = Not calculated						

Cd 228.802†	5.3	0.0007 mg/L	0.00006	0.0007 mg/L	0.00006	7.96%
QC value within limits for Cd 228.802 Recovery = Not calculated						
Co 228.616†	-6.7	-0.0016 mg/L	0.00013	-0.0016 mg/L	0.00013	8.22%
QC value within limits for Co 228.616 Recovery = Not calculated						
Cr 267.716†	-171.8	-0.0006 mg/L	0.00015	-0.0006 mg/L	0.00015	23.82%
QC value within limits for Cr 267.716 Recovery = Not calculated						
Cu 324.752†	1088.1	0.0047 mg/L	0.00001	0.0047 mg/L	0.00001	0.19%
QC value within limits for Cu 324.752 Recovery = Not calculated						
Fe 238.204†	-11453.9	-0.0873 mg/L	0.00066	-0.0873 mg/L	0.00066	0.75%
QC value less than the lower limit for Fe 238.204 Recovery = Not calculated						
Fe 234.349†	-3444.1	-0.0917 mg/L	0.00092	-0.0917 mg/L	0.00092	1.00%
QC value less than the lower limit for Fe 234.349 Recovery = Not calculated						
Mg 279.077†	270.0	0.0216 mg/L	0.00230	0.0216 mg/L	0.00230	10.64%
QC value within limits for Mg 279.077 Recovery = Not calculated						
Mn 257.610†	-2808.7	-0.0038 mg/L	0.00002	-0.0038 mg/L	0.00002	0.43%
QC value within limits for Mn 257.610 Recovery = Not calculated						
Mo 202.031†	8.4	0.0022 mg/L	0.00034	0.0022 mg/L	0.00034	14.98%
QC value within limits for Mo 202.031 Recovery = Not calculated						
Na 330.237†	-40.1	0.5570 mg/L	0.01491	0.5570 mg/L	0.01491	2.68%
QC value within limits for Na 330.237 Recovery = Not calculated						
Ni 231.604†	-110.8	-0.0028 mg/L	0.00048	-0.0028 mg/L	0.00048	17.06%
QC value within limits for Ni 231.604 Recovery = Not calculated						
Pb 220.353†	-6.2	0.0013 mg/L	0.00118	0.0013 mg/L	0.00118	93.33%
QC value within limits for Pb 220.353 Recovery = Not calculated						
Sb 206.836†	-9.9	-0.0019 mg/L	0.00054	-0.0019 mg/L	0.00054	28.94%
QC value within limits for Sb 206.836 Recovery = Not calculated						
Se 196.026†	1.1	0.0039 mg/L	0.00270	0.0039 mg/L	0.00270	69.67%
QC value within limits for Se 196.026 Recovery = Not calculated						
Sn 189.927†	-83.3	-0.0441 mg/L	0.00177	-0.0441 mg/L	0.00177	4.01%
QC value within limits for Sn 189.927 Recovery = Not calculated						
Ti 337.279†	-33.6	0.0005 mg/L	0.00005	0.0005 mg/L	0.00005	9.35%
QC value within limits for Ti 337.279 Recovery = Not calculated						
Tl 190.801†	4.0	0.0189 mg/L	0.00053	0.0189 mg/L	0.00053	2.81%
QC value within limits for Tl 190.801 Recovery = Not calculated						
V 292.402†	3.7	0.0007 mg/L	0.00004	0.0007 mg/L	0.00004	5.18%
QC value within limits for V 292.402 Recovery = Not calculated						
Zn 213.857†	-308.1	-0.0040 mg/L	0.00007	-0.0040 mg/L	0.00007	1.77%
QC value within limits for Zn 213.857 Recovery = Not calculated						
QC Failed. Continue with analysis.						

Sequence No.: 102
Sample ID: 0608068-12X5
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 84
Date Collected: 8/3/2006 8:31:55 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 0608068-12X5

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2502189.4	2502189.4	1.03 mg/L		20:33:29
1	Ag 328.068†	3887.1	3539.8	0.0112 mg/L	0.0112 mg/L	20:33:35
1	Al 237.313†	78811.4	76901.4	8.503 mg/L	8.503 mg/L	20:33:35
1	As 188.979†	31.5	41.6	0.0544 mg/L	0.0544 mg/L	20:33:55
1	B 182.528†	-11.6	3.6	0.0028 mg/L	0.0028 mg/L	20:33:55
1	Ba 233.527†	46608.5	45238.5	0.2482 mg/L	0.2482 mg/L	20:33:35
1	Be 313.107†	8021.8	3572.2	0.0009 mg/L	0.0009 mg/L	20:33:35
1	Ca 315.886†	608737.4	592190.1	4.849 mg/L	4.849 mg/L	20:33:29
1	Cd 228.802†	890.9	342.1	0.0036 mg/L	0.0036 mg/L	20:33:55
1	Co 228.616†	497.0	651.9	0.0067 mg/L	0.0067 mg/L	20:33:55
1	Cr 267.716†	6505.8	4133.6	0.0331 mg/L	0.0331 mg/L	20:33:35
1	Cu 324.752†	55079.5	50884.5	0.1958 mg/L	0.1958 mg/L	20:33:35
1	Fe 238.204†	4510885.3	4371800.5	36.43 mg/L	36.43 mg/L	20:33:29
1	Fe 234.349†	1419042.2	1375130.5	37.73 mg/L	37.73 mg/L	20:33:29
1	Mg 279.077†	56132.1	54731.3	2.915 mg/L	2.915 mg/L	20:33:35
1	Mn 257.610†	313497.0	300789.9	0.2939 mg/L	0.2939 mg/L	20:33:35
1	Mo 202.031†	185.4	111.9	0.0143 mg/L	0.0143 mg/L	20:33:55
1	Na 330.237†	2261.9	905.9	1.772 mg/L	1.772 mg/L	20:33:35
1	Ni 231.604†	3673.3	3330.3	0.0645 mg/L	0.0645 mg/L	20:33:35
1	Pb 220.353†	1657.3	1609.7	0.1879 mg/L	0.1879 mg/L	20:33:55

2	Cr 267.716†	5888.1	3512.5	0.0280 mg/L	0.0280 mg/L	20:42:28
2	Cu 324.752†	3616284.0	3503333.7	13.43 mg/L	13.43 mg/L	20:42:23
2	Fe 238.204†	3677853.3	3548783.0	29.57 mg/L	29.57 mg/L	20:42:23
2	Fe 234.349†	1151886.3	1111280.4	30.47 mg/L	30.47 mg/L	20:42:23
2	Mg 279.077†	70259.6	68236.8	3.668 mg/L	3.668 mg/L	20:42:28
2	Mn 257.610†	333162.3	318786.7	0.3112 mg/L	0.3112 mg/L	20:42:28
2	Mo 202.031†	132.6	60.2	0.0091 mg/L	0.0091 mg/L	20:42:48
2	Na 330.237†	2216.8	854.5	1.696 mg/L	1.696 mg/L	20:42:28
2	Ni 231.604†	103679.1	100274.8	1.961 mg/L	1.961 mg/L	20:42:28
2	Pb 220.353†	23723.4	22997.4	2.661 mg/L	2.661 mg/L	20:42:28
2	Sb 206.836†	102.7	43.6	0.0110 mg/L	0.0110 mg/L	20:42:48
2	Se 196.026†	-18.5	-0.2	0.0019 mg/L	0.0019 mg/L	20:42:48
2	Sn 189.927†	131.8	-26.3	-0.0198 mg/L	-0.0198 mg/L	20:42:48
2	Ti 337.279†	614798.7	594948.8	0.8499 mg/L	0.8499 mg/L	20:42:23
2	Tl 190.801†	-31.3	-11.3	0.0085 mg/L	0.0085 mg/L	20:42:48
2	V 292.402†	79697.7	75480.0	0.3337 mg/L	0.3337 mg/L	20:42:28
2	Zn 213.857†	24799.6	22358.6	0.2180 mg/L	0.2180 mg/L	20:42:28

Mean Data: 0608068-14X5

Analyte	Mean Corrected Intensity	Conc. Units	Calib	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2520643.8	1.04 mg/L		0.006			0.54%
Ag 328.068†	406.8	0.0018 mg/L		0.00001	0.0018 mg/L	0.00001	0.75%
Al 237.313†	121651.4	13.65 mg/L		0.026	13.65 mg/L	0.026	0.19%
As 188.979†	24.2	0.0347 mg/L		0.00329	0.0347 mg/L	0.00329	9.47%
B 182.528†	2.2	0.0016 mg/L		0.00016	0.0016 mg/L	0.00016	9.48%
Ba 233.527†	23146.0	0.1262 mg/L		0.00038	0.1262 mg/L	0.00038	0.30%
Be 313.107†	3596.6	0.0008 mg/L		0.00001	0.0008 mg/L	0.00001	1.69%
Ca 315.886†	423623.3	3.470 mg/L		0.0086	3.470 mg/L	0.0086	0.25%
Cd 228.802†	495.8	0.0051 mg/L		0.00009	0.0051 mg/L	0.00009	1.74%
Co 228.616†	1152.6	0.0128 mg/L		0.00004	0.0128 mg/L	0.00004	0.34%
Cr 267.716†	3519.8	0.0281 mg/L		0.00008	0.0281 mg/L	0.00008	0.28%
Cu 324.752†	3507353.5	13.44 mg/L		0.022	13.44 mg/L	0.022	0.16%
Fe 238.204†	3553355.9	29.61 mg/L		0.054	29.61 mg/L	0.054	0.18%
Fe 234.349†	1112718.3	30.51 mg/L		0.056	30.51 mg/L	0.056	0.18%
Mg 279.077†	68324.1	3.673 mg/L		0.0066	3.673 mg/L	0.0066	0.18%
Mn 257.610†	319259.3	0.3116 mg/L		0.00065	0.3116 mg/L	0.00065	0.21%
Mo 202.031†	56.2	0.0087 mg/L		0.00048	0.0087 mg/L	0.00048	5.52%
Na 330.237†	832.8	1.671 mg/L		0.0347	1.671 mg/L	0.0347	2.07%
Ni 231.604†	100506.7	1.965 mg/L		0.0064	1.965 mg/L	0.0064	0.33%
Pb 220.353†	23029.9	2.665 mg/L		0.0053	2.665 mg/L	0.0053	0.20%
Sb 206.836†	45.8	0.0115 mg/L		0.00075	0.0115 mg/L	0.00075	6.54%
Se 196.026†	1.2	0.0040 mg/L		0.00302	0.0040 mg/L	0.00302	75.61%
Sn 189.927†	-24.4	-0.0191 mg/L		0.00108	-0.0191 mg/L	0.00108	5.64%
Ti 337.279†	595316.8	0.8504 mg/L		0.00074	0.8504 mg/L	0.00074	0.09%
Tl 190.801†	-8.5	0.0112 mg/L		0.00384	0.0112 mg/L	0.00384	34.34%
V 292.402†	75624.1	0.3343 mg/L		0.00090	0.3343 mg/L	0.00090	0.27%
Zn 213.857†	22353.4	0.2179 mg/L		0.00013	0.2179 mg/L	0.00013	0.06%

Sequence No.: 105

Sample ID: CCV

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/3/2006 8:44:26 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: CCV

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2477142.0	2477142.0	1.02 mg/L		20:46:00
1	Ag 328.068†	85410.5	83696.0	0.2480 mg/L	0.2480 mg/L	20:46:05
1	Al 237.313†	21883.0	21729.6	2.462 mg/L	2.462 mg/L	20:46:05
1	As 188.979†	388.8	393.1	0.4732 mg/L	0.4732 mg/L	20:46:25
1	B 182.528†	593.5	598.1	0.4910 mg/L	0.4910 mg/L	20:46:25
1	Ba 233.527†	92406.5	90705.6	0.5004 mg/L	0.5004 mg/L	20:46:05
1	Be 313.107†	272832.4	263896.8	0.0500 mg/L	0.0500 mg/L	20:46:00
1	Ca 315.886†	622769.5	611968.8	5.010 mg/L	5.010 mg/L	20:46:00
1	Cd 228.802†	21577.3	20680.7	0.2467 mg/L	0.2467 mg/L	20:46:05
1	Co 228.616†	34483.4	34057.3	0.4977 mg/L	0.4977 mg/L	20:46:05

1	Cr 267.716†	70715.1	67300.0	0.4962 mg/L	0.4962 mg/L	20:46:05
1	Cu 324.752†	144050.4	138863.5	0.5330 mg/L	0.5330 mg/L	20:46:05
1	Fe 238.204†	310268.7	287973.4	2.408 mg/L	2.408 mg/L	20:46:05
1	Fe 234.349†	95207.4	88076.8	2.415 mg/L	2.415 mg/L	20:46:05
1	Mg 279.077†	92991.4	91507.4	4.997 mg/L	4.997 mg/L	20:46:05
1	Mn 257.610†	525140.8	511869.3	0.4987 mg/L	0.4987 mg/L	20:46:00
1	Mo 202.031†	5864.5	5695.0	0.4919 mg/L	0.4919 mg/L	20:46:25
1	Na 330.237†	22380.6	20700.0	24.17 mg/L	24.17 mg/L	20:46:05
1	Ni 231.604†	26049.0	25356.4	0.4950 mg/L	0.4950 mg/L	20:46:05
1	Pb 220.353†	4317.6	4240.4	0.4941 mg/L	0.4941 mg/L	20:46:25
1	Sb 206.836†	2086.4	1994.5	0.4865 mg/L	0.4865 mg/L	20:46:25
1	Se 196.026†	653.5	660.0	1.007 mg/L	1.007 mg/L	20:46:25
1	Sn 189.927†	1351.1	1173.7	0.4491 mg/L	0.4491 mg/L	20:46:25
1	Ti 337.279†	354329.3	347114.1	0.4961 mg/L	0.4961 mg/L	20:46:00
1	Tl 190.801†	583.4	592.4	0.5866 mg/L	0.5866 mg/L	20:46:25
1	V 292.402†	116273.6	112481.3	0.5010 mg/L	0.5010 mg/L	20:46:05
1	Zn 213.857†	48904.7	46376.7	0.4892 mg/L	0.4892 mg/L	20:46:05
2	Y 360.073	2454326.2	2454326.2	1.01 mg/L		20:46:32
2	Ag 328.068†	84420.8	83494.7	0.2474 mg/L	0.2474 mg/L	20:46:38
2	Al 237.313†	21605.8	21654.6	2.453 mg/L	2.453 mg/L	20:46:38
2	As 188.979†	393.0	400.8	0.4824 mg/L	0.4824 mg/L	20:46:58
2	B 182.528†	593.4	603.5	0.4954 mg/L	0.4954 mg/L	20:46:58
2	Ba 233.527†	91579.1	90729.1	0.5005 mg/L	0.5005 mg/L	20:46:38
2	Be 313.107†	270235.0	263813.0	0.0499 mg/L	0.0499 mg/L	20:46:32
2	Ca 315.886†	617451.5	612383.4	5.013 mg/L	5.013 mg/L	20:46:32
2	Cd 228.802†	21422.2	20724.0	0.2472 mg/L	0.2472 mg/L	20:46:38
2	Co 228.616†	34180.5	34071.9	0.4979 mg/L	0.4979 mg/L	20:46:38
2	Cr 267.716†	69980.2	67217.1	0.4956 mg/L	0.4956 mg/L	20:46:38
2	Cu 324.752†	141357.4	137508.3	0.5278 mg/L	0.5278 mg/L	20:46:38
2	Fe 238.204†	307597.7	288158.6	2.409 mg/L	2.409 mg/L	20:46:38
2	Fe 234.349†	94444.7	88190.1	2.418 mg/L	2.418 mg/L	20:46:38
2	Mg 279.077†	92207.3	91579.2	5.001 mg/L	5.001 mg/L	20:46:38
2	Mn 257.610†	520581.2	512144.2	0.4990 mg/L	0.4990 mg/L	20:46:32
2	Mo 202.031†	5870.3	5754.3	0.4971 mg/L	0.4971 mg/L	20:46:58
2	Na 330.237†	22122.2	20648.2	24.11 mg/L	24.11 mg/L	20:46:38
2	Ni 231.604†	25855.0	25401.9	0.4959 mg/L	0.4959 mg/L	20:46:38
2	Pb 220.353†	4327.6	4289.8	0.4999 mg/L	0.4999 mg/L	20:46:58
2	Sb 206.836†	2082.3	2009.6	0.4902 mg/L	0.4902 mg/L	20:46:58
2	Se 196.026†	652.7	665.1	1.015 mg/L	1.015 mg/L	20:46:58
2	Sn 189.927†	1343.0	1178.1	0.4508 mg/L	0.4508 mg/L	20:46:58
2	Ti 337.279†	350675.0	346726.6	0.4955 mg/L	0.4955 mg/L	20:46:32
2	Tl 190.801†	591.1	605.4	0.5992 mg/L	0.5992 mg/L	20:46:58
2	V 292.402†	114940.7	112221.3	0.4999 mg/L	0.4999 mg/L	20:46:38
2	Zn 213.857†	48664.1	46584.8	0.4914 mg/L	0.4914 mg/L	20:46:38

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2465734.1	1.01 mg/L	0.007			0.65%
Ag 328.068†	83595.4	0.2477 mg/L	0.00042	0.2477 mg/L	0.00042	0.17%
QC value within limits for Ag 328.068 Recovery = 99.06%						
Al 237.313†	21692.1	2.458 mg/L	0.0061	2.458 mg/L	0.0061	0.25%
QC value within limits for Al 237.313 Recovery = 98.31%						
As 188.979†	396.9	0.4778 mg/L	0.00648	0.4778 mg/L	0.00648	1.36%
QC value within limits for As 188.979 Recovery = 95.56%						
B 182.528†	600.8	0.4932 mg/L	0.00312	0.4932 mg/L	0.00312	0.63%
QC value within limits for B 182.528 Recovery = 98.64%						
Ba 233.527†	90717.3	0.5005 mg/L	0.00009	0.5005 mg/L	0.00009	0.02%
QC value within limits for Ba 233.527 Recovery = 100.09%						
Be 313.107†	263854.9	0.0499 mg/L	0.00001	0.0499 mg/L	0.00001	0.02%
QC value within limits for Be 313.107 Recovery = 99.89%						
Ca 315.886†	612176.1	5.012 mg/L	0.0024	5.012 mg/L	0.0024	0.05%
QC value within limits for Ca 315.886 Recovery = 100.23%						
Cd 228.802†	20702.3	0.2470 mg/L	0.00035	0.2470 mg/L	0.00035	0.14%
QC value within limits for Cd 228.802 Recovery = 98.78%						
Co 228.616†	34064.6	0.4978 mg/L	0.00015	0.4978 mg/L	0.00015	0.03%
QC value within limits for Co 228.616 Recovery = 99.56%						
Cr 267.716†	67258.5	0.4959 mg/L	0.00043	0.4959 mg/L	0.00043	0.09%
QC value within limits for Cr 267.716 Recovery = 99.18%						
Cu 324.752†	138185.9	0.5304 mg/L	0.00367	0.5304 mg/L	0.00367	0.69%

QC value within limits for Cu 324.752	Recovery = 106.08%					
Fe 238.204†	288066.0	2.408 mg/L	0.0011	2.408 mg/L	0.0011	0.05%
QC value within limits for Fe 238.204	Recovery = 96.34%					
Fe 234.349†	88133.4	2.416 mg/L	0.0022	2.416 mg/L	0.0022	0.09%
QC value within limits for Fe 234.349	Recovery = 96.65%					
Mg 279.077†	91543.3	4.999 mg/L	0.0028	4.999 mg/L	0.0028	0.06%
QC value within limits for Mg 279.077	Recovery = 99.98%					
Mn 257.610†	512006.7	0.4988 mg/L	0.00019	0.4988 mg/L	0.00019	0.04%
QC value within limits for Mn 257.610	Recovery = 99.77%					
Mo 202.031†	5724.6	0.4945 mg/L	0.00361	0.4945 mg/L	0.00361	0.73%
QC value within limits for Mo 202.031	Recovery = 98.90%					
Na 330.237†	20674.1	24.14 mg/L	0.042	24.14 mg/L	0.042	0.17%
QC value within limits for Na 330.237	Recovery = 96.57%					
Ni 231.604†	25379.2	0.4954 mg/L	0.00063	0.4954 mg/L	0.00063	0.13%
QC value within limits for Ni 231.604	Recovery = 99.09%					
Pb 220.353†	4265.1	0.4970 mg/L	0.00405	0.4970 mg/L	0.00405	0.81%
QC value within limits for Pb 220.353	Recovery = 99.40%					
Sb 206.836†	2002.0	0.4884 mg/L	0.00263	0.4884 mg/L	0.00263	0.54%
QC value within limits for Sb 206.836	Recovery = 97.68%					
Se 196.026†	662.6	1.011 mg/L	0.0055	1.011 mg/L	0.0055	0.55%
QC value within limits for Se 196.026	Recovery = 101.10%					
Sn 189.927†	1175.9	0.4500 mg/L	0.00120	0.4500 mg/L	0.00120	0.27%
QC value less than the lower limit for Sn 189.927	Recovery = 90.00%					
Ti 337.279†	346920.4	0.4958 mg/L	0.00039	0.4958 mg/L	0.00039	0.08%
QC value within limits for Ti 337.279	Recovery = 99.16%					
Tl 190.801†	598.9	0.5929 mg/L	0.00887	0.5929 mg/L	0.00887	1.50%
QC value greater than the upper limit for Tl 190.801	Recovery = 118.58%					
V 292.402†	112351.3	0.5004 mg/L	0.00082	0.5004 mg/L	0.00082	0.16%
QC value within limits for V 292.402	Recovery = 100.09%					
Zn 213.857†	46480.7	0.4903 mg/L	0.00156	0.4903 mg/L	0.00156	0.32%
QC value within limits for Zn 213.857	Recovery = 98.06%					

QC Failed. Continue with analysis.

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Sequence No.: 106                               Autosampler Location: 1
Sample ID: ICCB                                 Date Collected: 8/3/2006 8:48:35 PM
Analyst:                                        Data Type: Original
Initial Sample Wt:                             Initial Sample Vol:
Dilution:                                     Sample Prep Vol:
=====
    
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Replicate Data: ICCB

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2459801.1	2459801.1	1.01 mg/L		20:50:06
1	Ag 328.068†	248.8	4.2	0.0006 mg/L	0.0006 mg/L	20:50:12
1	Al 237.313†	-199.0	27.0	0.0104 mg/L	0.0104 mg/L	20:50:32
1	As 188.979†	-12.5	-1.4	-0.0011 mg/L	-0.0011 mg/L	20:50:32
1	B 182.528†	-16.3	-1.3	-0.0012 mg/L	-0.0012 mg/L	20:50:32
1	Ba 233.527†	125.1	15.8	-0.0017 mg/L	-0.0017 mg/L	20:50:32
1	Be 313.107†	4012.3	-261.4	0.0000 mg/L	0.0000 mg/L	20:50:06
1	Ca 315.886†	41.1	-24.3	0.0048 mg/L	0.0048 mg/L	20:50:12
1	Cd 228.802†	540.0	9.8	0.0008 mg/L	0.0008 mg/L	20:50:32
1	Co 228.616†	-173.6	-3.5	-0.0015 mg/L	-0.0015 mg/L	20:50:32
1	Cr 267.716†	1975.4	-241.0	-0.0011 mg/L	-0.0011 mg/L	20:50:32
1	Cu 324.752†	6210.4	3442.7	0.0137 mg/L	0.0137 mg/L	20:50:12
1	Fe 238.204†	5271.9	-11729.1	-0.0896 mg/L	-0.0896 mg/L	20:50:12
1	Fe 234.349†	1920.3	-3588.8	-0.0956 mg/L	-0.0956 mg/L	20:50:32
1	Mg 279.077†	164.5	281.8	0.0223 mg/L	0.0223 mg/L	20:50:12
1	Mn 257.610†	1368.6	-2864.3	-0.0038 mg/L	-0.0038 mg/L	20:50:32
1	Mo 202.031†	80.3	11.1	0.0025 mg/L	0.0025 mg/L	20:50:32
1	Na 330.237†	1320.2	11.8	0.6161 mg/L	0.6161 mg/L	20:50:12
1	Ni 231.604†	126.5	-118.4	-0.0030 mg/L	-0.0030 mg/L	20:50:32
1	Pb 220.353†	11.3	8.5	0.0030 mg/L	0.0030 mg/L	20:50:32
1	Sb 206.836†	45.6	-10.8	-0.0021 mg/L	-0.0021 mg/L	20:50:32
1	Se 196.026†	-15.0	3.0	0.0066 mg/L	0.0066 mg/L	20:50:32
1	Sn 189.927†	85.2	-69.7	-0.0388 mg/L	-0.0388 mg/L	20:50:32
1	Ti 337.279†	993.5	-123.7	0.0004 mg/L	0.0004 mg/L	20:50:12
1	Tl 190.801†	-15.6	3.7	0.0186 mg/L	0.0186 mg/L	20:50:32
1	V 292.402†	1795.2	-11.3	0.0006 mg/L	0.0006 mg/L	20:50:12
1	Zn 213.857†	1332.4	-366.3	-0.0046 mg/L	-0.0046 mg/L	20:50:32

2	Y 360.073	2440852.5	2440852.5	1.00 mg/L		20:50:38
2	Ag 328.068†	195.6	-47.0	0.0004 mg/L	0.0004 mg/L	20:50:43
2	Al 237.313†	-201.9	22.6	0.0099 mg/L	0.0099 mg/L	20:51:03
2	As 188.979†	-8.6	2.3	0.0034 mg/L	0.0034 mg/L	20:51:03
2	B 182.528†	-20.6	-5.7	-0.0048 mg/L	-0.0048 mg/L	20:51:03
2	Ba 233.527†	118.5	10.2	-0.0018 mg/L	-0.0018 mg/L	20:51:03
2	Be 313.107†	3983.8	-259.0	0.0000 mg/L	0.0000 mg/L	20:50:38
2	Ca 315.886†	-42.9	-107.8	0.0042 mg/L	0.0042 mg/L	20:50:43
2	Cd 228.802†	532.0	5.9	0.0008 mg/L	0.0008 mg/L	20:51:03
2	Co 228.616†	-181.6	-12.8	-0.0017 mg/L	-0.0017 mg/L	20:51:03
2	Cr 267.716†	1981.0	-220.3	-0.0010 mg/L	-0.0010 mg/L	20:51:03
2	Cu 324.752†	5954.9	3235.6	0.0129 mg/L	0.0129 mg/L	20:50:43
2	Fe 238.204†	5275.9	-11684.6	-0.0893 mg/L	-0.0893 mg/L	20:50:43
2	Fe 234.349†	1928.5	-3565.9	-0.0950 mg/L	-0.0950 mg/L	20:51:03
2	Mg 279.077†	107.1	225.9	0.0192 mg/L	0.0192 mg/L	20:50:43
2	Mn 257.610†	1344.3	-2878.0	-0.0039 mg/L	-0.0039 mg/L	20:51:03
2	Mo 202.031†	69.1	0.4	0.0016 mg/L	0.0016 mg/L	20:51:03
2	Na 330.237†	1250.2	-47.9	0.5482 mg/L	0.5482 mg/L	20:50:43
2	Ni 231.604†	114.7	-129.2	-0.0032 mg/L	-0.0032 mg/L	20:51:03
2	Pb 220.353†	8.8	6.0	0.0027 mg/L	0.0027 mg/L	20:51:03
2	Sb 206.836†	50.7	-5.3	-0.0007 mg/L	-0.0007 mg/L	20:51:03
2	Se 196.026†	-14.7	3.1	0.0068 mg/L	0.0068 mg/L	20:51:03
2	Sn 189.927†	65.3	-88.9	-0.0463 mg/L	-0.0463 mg/L	20:51:03
2	Ti 337.279†	1015.1	-94.6	0.0004 mg/L	0.0004 mg/L	20:50:43
2	Tl 190.801†	-14.2	4.9	0.0198 mg/L	0.0198 mg/L	20:51:03
2	V 292.402†	1789.2	-3.4	0.0007 mg/L	0.0007 mg/L	20:50:43
2	Zn 213.857†	1297.1	-391.3	-0.0049 mg/L	-0.0049 mg/L	20:51:03

Mean Data: ICCB

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2450326.8	1.01 mg/L	0.006			0.55%
Ag 328.068†	-21.4	0.0005 mg/L	0.00011	0.0005 mg/L	0.00011	21.59%
QC value within limits for Ag 328.068		Recovery =	Not calculated			
Al 237.313†	24.8	0.0102 mg/L	0.00036	0.0102 mg/L	0.00036	3.52%
QC value within limits for Al 237.313		Recovery =	Not calculated			
As 188.979†	0.5	0.0012 mg/L	0.00316	0.0012 mg/L	0.00316	269.72%
QC value within limits for As 188.979		Recovery =	Not calculated			
B 182.528†	-3.5	-0.0030 mg/L	0.00254	-0.0030 mg/L	0.00254	84.64%
QC value within limits for B 182.528		Recovery =	Not calculated			
Ba 233.527†	13.0	-0.0017 mg/L	0.00002	-0.0017 mg/L	0.00002	1.27%
QC value within limits for Ba 233.527		Recovery =	Not calculated			
Be 313.107†	-260.2	0.0000 mg/L	0.00000	0.0000 mg/L	0.00000	0.70%
QC value within limits for Be 313.107		Recovery =	Not calculated			
Ca 315.886†	-66.1	0.0045 mg/L	0.00048	0.0045 mg/L	0.00048	10.72%
QC value within limits for Ca 315.886		Recovery =	Not calculated			
Cd 228.802†	7.9	0.0008 mg/L	0.00004	0.0008 mg/L	0.00004	5.38%
QC value within limits for Cd 228.802		Recovery =	Not calculated			
Co 228.616†	-8.1	-0.0016 mg/L	0.00010	-0.0016 mg/L	0.00010	6.03%
QC value within limits for Co 228.616		Recovery =	Not calculated			
Cr 267.716†	-230.7	-0.0010 mg/L	0.00011	-0.0010 mg/L	0.00011	10.34%
QC value within limits for Cr 267.716		Recovery =	Not calculated			
Cu 324.752†	3339.1	0.0133 mg/L	0.00056	0.0133 mg/L	0.00056	4.21%
QC value greater than the upper limit for Cu 324.752		Recovery =	Not calculated			
Fe 238.204†	-11706.9	-0.0894 mg/L	0.00026	-0.0894 mg/L	0.00026	0.29%
QC value less than the lower limit for Fe 238.204		Recovery =	Not calculated			
Fe 234.349†	-3577.3	-0.0953 mg/L	0.00045	-0.0953 mg/L	0.00045	0.47%
QC value less than the lower limit for Fe 234.349		Recovery =	Not calculated			
Mg 279.077†	253.9	0.0208 mg/L	0.00216	0.0208 mg/L	0.00216	10.40%
QC value within limits for Mg 279.077		Recovery =	Not calculated			
Mn 257.610†	-2871.2	-0.0038 mg/L	0.00001	-0.0038 mg/L	0.00001	0.24%
QC value within limits for Mn 257.610		Recovery =	Not calculated			
Mo 202.031†	5.8	0.0020 mg/L	0.00065	0.0020 mg/L	0.00065	32.09%
QC value within limits for Mo 202.031		Recovery =	Not calculated			
Na 330.237†	-18.0	0.5822 mg/L	0.04805	0.5822 mg/L	0.04805	8.25%
QC value within limits for Na 330.237		Recovery =	Not calculated			
Ni 231.604†	-123.8	-0.0031 mg/L	0.00015	-0.0031 mg/L	0.00015	4.87%
QC value within limits for Ni 231.604		Recovery =	Not calculated			
Pb 220.353†	7.2	0.0028 mg/L	0.00020	0.0028 mg/L	0.00020	7.16%
QC value within limits for Pb 220.353		Recovery =	Not calculated			

Sb 206.836†	-8.0	-0.0014 mg/L	0.00095	-0.0014 mg/L	0.00095	66.73%
QC value within limits for Sb 206.836 Recovery = Not calculated						
Se 196.026†	3.0	0.0067 mg/L	0.00012	0.0067 mg/L	0.00012	1.84%
QC value within limits for Se 196.026 Recovery = Not calculated						
Sn 189.927†	-79.3	-0.0425 mg/L	0.00531	-0.0425 mg/L	0.00531	12.48%
QC value within limits for Sn 189.927 Recovery = Not calculated						
Ti 337.279†	-109.2	0.0004 mg/L	0.00003	0.0004 mg/L	0.00003	7.03%
QC value within limits for Ti 337.279 Recovery = Not calculated						
Tl 190.801†	4.3	0.0192 mg/L	0.00086	0.0192 mg/L	0.00086	4.48%
QC value within limits for Tl 190.801 Recovery = Not calculated						
V 292.402†	-7.4	0.0007 mg/L	0.00003	0.0007 mg/L	0.00003	3.87%
QC value within limits for V 292.402 Recovery = Not calculated						
Zn 213.857†	-378.8	-0.0048 mg/L	0.00019	-0.0048 mg/L	0.00019	3.91%
QC value within limits for Zn 213.857 Recovery = Not calculated						
QC Failed. Continue with analysis.						

Sequence No.: 107
 Sample ID: ICSA
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 106
 Date Collected: 8/3/2006 8:52:39 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: ICSA

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2407239.9	2407239.9	0.989 mg/L		20:54:28
1	Ag 328.068†	349.0	110.8	0.0009 mg/L	0.0009 mg/L	20:54:33
1	Al 237.313†	2119379.9	2143550.7	243.4 mg/L	243.4 mg/L	20:54:28
1	As 188.979†	-16.6	-5.8	-0.0063 mg/L	-0.0063 mg/L	20:54:54
1	B 182.528†	1.4	16.3	0.0132 mg/L	0.0132 mg/L	20:54:54
1	Ba 233.527†	847.1	748.6	0.0023 mg/L	0.0023 mg/L	20:54:54
1	Be 313.107†	1254.5	-2963.7	-0.0002 mg/L	-0.0002 mg/L	20:54:33
1	Ca 315.886†	28682693.4	29006714.6	237.2 mg/L	237.2 mg/L	20:54:20
1	Cd 228.802†	606.4	88.5	-0.0001 mg/L	-0.0001 mg/L	20:54:54
1	Co 228.616†	-91.6	75.7	-0.0004 mg/L	-0.0004 mg/L	20:54:54
1	Cr 267.716†	1958.0	-216.0	0.0036 mg/L	0.0036 mg/L	20:54:33
1	Cu 324.752†	3858.8	1198.7	0.0051 mg/L	0.0051 mg/L	20:54:33
1	Fe 238.204†	9954557.0	10050087.0	83.72 mg/L	83.72 mg/L	20:54:20
1	Fe 234.349†	3267333.3	3298761.6	90.51 mg/L	90.51 mg/L	20:54:28
1	Mg 279.077†	4329200.3	4378235.1	238.7 mg/L	238.7 mg/L	20:54:28
1	Mn 257.610†	5556.3	1400.3	0.0034 mg/L	0.0034 mg/L	20:54:28
1	Mo 202.031†	-23.2	-91.9	0.0000 mg/L	0.0000 mg/L	20:54:54
1	Na 330.237†	987.5	-296.1	0.6359 mg/L	0.6359 mg/L	20:54:33
1	Ni 231.604†	169.6	-72.1	-0.0021 mg/L	-0.0021 mg/L	20:54:54
1	Pb 220.353†	-172.9	-177.6	-0.0021 mg/L	-0.0021 mg/L	20:54:54
1	Sb 206.836†	13.1	-42.6	-0.0100 mg/L	-0.0100 mg/L	20:54:54
1	Se 196.026†	-38.6	-21.2	-0.0302 mg/L	-0.0302 mg/L	20:54:54
1	Sn 189.927†	55.3	-98.2	-0.0499 mg/L	-0.0499 mg/L	20:54:54
1	Ti 337.279†	4851.6	3799.4	0.0060 mg/L	0.0060 mg/L	20:54:33
1	Tl 190.801†	-52.8	-34.3	-0.0180 mg/L	-0.0180 mg/L	20:54:54
1	V 292.402†	500.9	-1281.5	-0.0050 mg/L	-0.0050 mg/L	20:54:33
1	Zn 213.857†	3818.4	2176.6	0.0224 mg/L	0.0224 mg/L	20:54:54
2	Y 360.073	2383685.7	2383685.7	0.979 mg/L		20:55:14
2	Ag 328.068†	327.4	92.3	0.0008 mg/L	0.0008 mg/L	20:55:19
2	Al 237.313†	2101333.7	2146299.4	243.7 mg/L	243.7 mg/L	20:55:14
2	As 188.979†	-10.6	0.1	0.0008 mg/L	0.0008 mg/L	20:55:40
2	B 182.528†	-10.4	4.2	0.0033 mg/L	0.0033 mg/L	20:55:40
2	Ba 233.527†	868.5	779.0	0.0025 mg/L	0.0025 mg/L	20:55:40
2	Be 313.107†	1201.9	-3004.9	-0.0002 mg/L	-0.0002 mg/L	20:55:19
2	Ca 315.886†	28395350.0	28999881.7	237.2 mg/L	237.2 mg/L	20:55:06
2	Cd 228.802†	612.1	100.5	0.0000 mg/L	0.0000 mg/L	20:55:40
2	Co 228.616†	-111.6	54.3	-0.0007 mg/L	-0.0007 mg/L	20:55:40
2	Cr 267.716†	1910.6	-244.8	0.0034 mg/L	0.0034 mg/L	20:55:19
2	Cu 324.752†	3852.3	1230.6	0.0053 mg/L	0.0053 mg/L	20:55:19
2	Fe 238.204†	9871445.8	10064682.9	83.85 mg/L	83.85 mg/L	20:55:06
2	Fe 234.349†	3245434.0	3309046.7	90.79 mg/L	90.79 mg/L	20:55:14
2	Mg 279.077†	4295176.2	4386748.6	239.2 mg/L	239.2 mg/L	20:55:14
2	Mn 257.610†	5554.8	1454.3	0.0035 mg/L	0.0035 mg/L	20:55:14
2	Mo 202.031†	-29.5	-98.5	-0.0006 mg/L	-0.0006 mg/L	20:55:40

2	Na 330.237†	980.8	-293.1	0.6404 mg/L	0.6404 mg/L	20:55:19
2	Ni 231.604†	165.5	-74.5	-0.0021 mg/L	-0.0021 mg/L	20:55:40
2	Pb 220.353†	-171.8	-178.2	-0.0022 mg/L	-0.0022 mg/L	20:55:40
2	Sb 206.836†	15.4	-40.2	-0.0094 mg/L	-0.0094 mg/L	20:55:40
2	Se 196.026†	-38.7	-21.8	-0.0311 mg/L	-0.0311 mg/L	20:55:40
2	Sn 189.927†	66.4	-86.3	-0.0453 mg/L	-0.0453 mg/L	20:55:40
2	Ti 337.279†	4888.5	3885.6	0.0061 mg/L	0.0061 mg/L	20:55:19
2	Tl 190.801†	-55.8	-37.9	-0.0214 mg/L	-0.0214 mg/L	20:55:40
2	V 292.402†	446.9	-1331.6	-0.0052 mg/L	-0.0052 mg/L	20:55:19
2	Zn 213.857†	3805.7	2201.7	0.0227 mg/L	0.0227 mg/L	20:55:40

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Conc. Units	Calib	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2395462.8	0.984 mg/L		0.0068			0.70%
Ag 328.068†	101.6	0.0009 mg/L		0.00004	0.0009 mg/L	0.00004	4.53%
QC value within limits for Ag 328.068		Recovery =	Not calculated				
Al 237.313†	2144925.1	243.6 mg/L		0.22	243.6 mg/L	0.22	0.09%
QC value within limits for Al 237.313		Recovery =	97.42%				
As 188.979†	-2.8	-0.0027 mg/L		0.00506	-0.0027 mg/L	0.00506	183.96%
QC value within limits for As 188.979		Recovery =	Not calculated				
B 182.528†	10.2	0.0083 mg/L		0.00701	0.0083 mg/L	0.00701	84.86%
QC value within limits for B 182.528		Recovery =	Not calculated				
Ba 233.527†	763.8	0.0024 mg/L		0.00012	0.0024 mg/L	0.00012	4.92%
QC value within limits for Ba 233.527		Recovery =	Not calculated				
Be 313.107†	-2984.3	-0.0002 mg/L		0.00000	-0.0002 mg/L	0.00000	2.52%
QC value within limits for Be 313.107		Recovery =	Not calculated				
Ca 315.886†	29003298.2	237.2 mg/L		0.04	237.2 mg/L	0.04	0.02%
QC value within limits for Ca 315.886		Recovery =	94.87%				
Cd 228.802†	94.5	-0.0001 mg/L		0.00008	-0.0001 mg/L	0.00008	113.39%
QC value within limits for Cd 228.802		Recovery =	Not calculated				
Co 228.616†	65.0	-0.0005 mg/L		0.00022	-0.0005 mg/L	0.00022	41.15%
QC value within limits for Co 228.616		Recovery =	Not calculated				
Cr 267.716†	-230.4	0.0035 mg/L		0.00014	0.0035 mg/L	0.00014	4.01%
QC value within limits for Cr 267.716		Recovery =	Not calculated				
Cu 324.752†	1214.7	0.0052 mg/L		0.00009	0.0052 mg/L	0.00009	1.66%
QC value within limits for Cu 324.752		Recovery =	Not calculated				
Fe 238.204†	10057384.9	83.79 mg/L		0.086	83.79 mg/L	0.086	0.10%
QC value within limits for Fe 238.204		Recovery =	83.79%				
Fe 234.349†	3303904.2	90.65 mg/L		0.200	90.65 mg/L	0.200	0.22%
QC value within limits for Fe 234.349		Recovery =	90.65%				
Mg 279.077†	4382491.8	239.0 mg/L		0.33	239.0 mg/L	0.33	0.14%
QC value within limits for Mg 279.077		Recovery =	95.58%				
Mn 257.610†	1427.3	0.0034 mg/L		0.00004	0.0034 mg/L	0.00004	1.28%
QC value within limits for Mn 257.610		Recovery =	Not calculated				
Mo 202.031†	-95.2	-0.0003 mg/L		0.00039	-0.0003 mg/L	0.00039	121.41%
QC value within limits for Mo 202.031		Recovery =	Not calculated				
Na 330.237†	-294.6	0.6382 mg/L		0.00318	0.6382 mg/L	0.00318	0.50%
QC value within limits for Na 330.237		Recovery =	Not calculated				
Ni 231.604†	-73.3	-0.0021 mg/L		0.00003	-0.0021 mg/L	0.00003	1.63%
QC value within limits for Ni 231.604		Recovery =	Not calculated				
Pb 220.353†	-177.9	-0.0021 mg/L		0.00004	-0.0021 mg/L	0.00004	1.71%
QC value within limits for Pb 220.353		Recovery =	Not calculated				
Sb 206.836†	-41.4	-0.0097 mg/L		0.00042	-0.0097 mg/L	0.00042	4.40%
QC value within limits for Sb 206.836		Recovery =	Not calculated				
Se 196.026†	-21.5	-0.0306 mg/L		0.00059	-0.0306 mg/L	0.00059	1.94%
QC value within limits for Se 196.026		Recovery =	Not calculated				
Sn 189.927†	-92.2	-0.0476 mg/L		0.00329	-0.0476 mg/L	0.00329	6.92%
QC value within limits for Sn 189.927		Recovery =	Not calculated				
Ti 337.279†	3842.5	0.0061 mg/L		0.00009	0.0061 mg/L	0.00009	1.43%
QC value within limits for Ti 337.279		Recovery =	Not calculated				
Tl 190.801†	-36.1	-0.0197 mg/L		0.00243	-0.0197 mg/L	0.00243	12.35%
QC value within limits for Tl 190.801		Recovery =	Not calculated				
V 292.402†	-1306.5	-0.0051 mg/L		0.00016	-0.0051 mg/L	0.00016	3.10%
QC value within limits for V 292.402		Recovery =	Not calculated				
Zn 213.857†	2189.2	0.0225 mg/L		0.00019	0.0225 mg/L	0.00019	0.84%
QC value within limits for Zn 213.857		Recovery =	Not calculated				

All analyte(s) passed QC.

Sequence No.: 108
 Sample ID: ICSAB
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 105
 Date Collected: 8/3/2006 8:57:18 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

 Replicate Data: ICSAB

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2400892.6	2400892.6	0.986 mg/L		20:59:07
1	Ag 328.068†	170481.0	172621.0	0.5107 mg/L	0.5107 mg/L	20:59:13
1	Al 237.313†	2105779.5	2135426.7	242.5 mg/L	242.5 mg/L	20:59:07
1	As 188.979†	-10.5	0.3	0.0009 mg/L	0.0009 mg/L	20:59:33
1	B 182.528†	8.8	23.8	0.0194 mg/L	0.0194 mg/L	20:59:33
1	Ba 233.527†	43300.1	43797.1	0.2407 mg/L	0.2407 mg/L	20:59:13
1	Be 313.107†	1300396.5	1314334.1	0.2486 mg/L	0.2486 mg/L	20:59:07
1	Ca 315.886†	28648010.9	29048234.0	237.5 mg/L	237.5 mg/L	20:58:59
1	Cd 228.802†	37599.5	37600.2	0.4496 mg/L	0.4496 mg/L	20:59:13
1	Co 228.616†	15013.5	15391.7	0.2244 mg/L	0.2244 mg/L	20:59:13
1	Cr 267.716†	33920.9	32198.8	0.2422 mg/L	0.2422 mg/L	20:59:13
1	Cu 324.752†	66055.3	64274.6	0.2469 mg/L	0.2469 mg/L	20:59:13
1	Fe 238.204†	9949432.6	10071505.7	83.90 mg/L	83.90 mg/L	20:58:59
1	Fe 234.349†	3265849.1	3305992.3	90.71 mg/L	90.71 mg/L	20:59:07
1	Mg 279.077†	4327925.6	4388517.2	239.3 mg/L	239.3 mg/L	20:59:07
1	Mn 257.610†	245507.2	244718.8	0.2409 mg/L	0.2409 mg/L	20:59:07
1	Mo 202.031†	-19.0	-87.7	0.0005 mg/L	0.0005 mg/L	20:59:33
1	Na 330.237†	1042.6	-237.7	0.6723 mg/L	0.6723 mg/L	20:59:13
1	Ni 231.604†	23012.9	23090.9	0.4509 mg/L	0.4509 mg/L	20:59:13
1	Pb 220.353†	3745.7	3795.3	0.4571 mg/L	0.4571 mg/L	20:59:33
1	Sb 206.836†	16.6	-39.1	-0.0120 mg/L	-0.0120 mg/L	20:59:33
1	Se 196.026†	-42.8	-25.7	-0.0370 mg/L	-0.0370 mg/L	20:59:33
1	Sn 189.927†	58.8	-94.4	-0.0484 mg/L	-0.0484 mg/L	20:59:33
1	Ti 337.279†	4881.7	3842.9	0.0061 mg/L	0.0061 mg/L	20:59:13
1	Tl 190.801†	-70.3	-52.2	-0.0359 mg/L	-0.0359 mg/L	20:59:33
1	V 292.402†	53787.2	52750.7	0.2356 mg/L	0.2356 mg/L	20:59:13
1	Zn 213.857†	46522.0	45487.1	0.4798 mg/L	0.4798 mg/L	20:59:13
2	Y 360.073	2389865.7	2389865.7	0.982 mg/L		20:59:54
2	Ag 328.068†	171188.7	174139.5	0.5151 mg/L	0.5151 mg/L	21:00:00
2	Al 237.313†	2099201.6	2138577.9	242.8 mg/L	242.8 mg/L	20:59:54
2	As 188.979†	-12.1	-1.4	-0.0012 mg/L	-0.0012 mg/L	21:00:20
2	B 182.528†	-2.5	12.3	0.0100 mg/L	0.0100 mg/L	21:00:20
2	Ba 233.527†	43309.4	44009.2	0.2419 mg/L	0.2419 mg/L	21:00:00
2	Be 313.107†	1297080.9	1317040.5	0.2491 mg/L	0.2491 mg/L	20:59:54
2	Ca 315.886†	28580268.0	29113257.0	238.1 mg/L	238.1 mg/L	20:59:45
2	Cd 228.802†	37743.2	37922.4	0.4534 mg/L	0.4534 mg/L	21:00:00
2	Co 228.616†	15098.5	15548.5	0.2267 mg/L	0.2267 mg/L	21:00:00
2	Cr 267.716†	33893.2	32329.3	0.2432 mg/L	0.2432 mg/L	21:00:00
2	Cu 324.752†	66233.7	64765.4	0.2488 mg/L	0.2488 mg/L	21:00:00
2	Fe 238.204†	9930198.2	10098460.8	84.13 mg/L	84.13 mg/L	20:59:45
2	Fe 234.349†	3259021.8	3314316.9	90.93 mg/L	90.93 mg/L	20:59:54
2	Mg 279.077†	4320832.8	4401540.3	240.0 mg/L	240.0 mg/L	20:59:54
2	Mn 257.610†	245010.5	245361.4	0.2416 mg/L	0.2416 mg/L	20:59:54
2	Mo 202.031†	-34.6	-103.7	-0.0009 mg/L	-0.0009 mg/L	21:00:20
2	Na 330.237†	1023.3	-252.4	0.6560 mg/L	0.6560 mg/L	21:00:00
2	Ni 231.604†	23113.5	23301.0	0.4550 mg/L	0.4550 mg/L	21:00:00
2	Pb 220.353†	3753.6	3820.9	0.4601 mg/L	0.4601 mg/L	21:00:20
2	Sb 206.836†	15.8	-39.8	-0.0122 mg/L	-0.0122 mg/L	21:00:20
2	Se 196.026†	-45.0	-28.1	-0.0406 mg/L	-0.0406 mg/L	21:00:20
2	Sn 189.927†	51.9	-101.2	-0.0511 mg/L	-0.0511 mg/L	21:00:20
2	Ti 337.279†	4764.4	3746.2	0.0059 mg/L	0.0059 mg/L	21:00:00
2	Tl 190.801†	-55.1	-37.1	-0.0213 mg/L	-0.0213 mg/L	21:00:20
2	V 292.402†	53770.6	52985.5	0.2366 mg/L	0.2366 mg/L	21:00:00
2	Zn 213.857†	46832.8	46021.3	0.4854 mg/L	0.4854 mg/L	21:00:00

 Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2395379.1	0.984 mg/L	0.0032			0.33%
Ag 328.068†	173380.2	0.5129 mg/L	0.00317	0.5129 mg/L	0.00317	0.62%

QC value within limits for Ag 328.068	Recovery = 102.58%
Al 237.313†	2137002.3 242.7 mg/L 0.25 242.7 mg/L 0.25 0.10%
QC value within limits for Al 237.313	Recovery = 97.06%
As 188.979†	-0.5 -0.0002 mg/L 0.00143 -0.0002 mg/L 0.00143 949.96%
QC value within limits for As 188.979	Recovery = Not calculated
B 182.528†	18.0 0.0147 mg/L 0.00663 0.0147 mg/L 0.00663 45.18%
QC value within limits for B 182.528	Recovery = Not calculated
Ba 233.527†	43903.2 0.2413 mg/L 0.00083 0.2413 mg/L 0.00083 0.34%
QC value within limits for Ba 233.527	Recovery = 96.51%
Be 313.107†	1315687.3 0.2488 mg/L 0.00036 0.2488 mg/L 0.00036 0.15%
QC value within limits for Be 313.107	Recovery = 99.53%
Ca 315.886†	29080745.5 237.8 mg/L 0.38 237.8 mg/L 0.38 0.16%
QC value within limits for Ca 315.886	Recovery = 95.13%
Cd 228.802†	37761.3 0.4515 mg/L 0.00273 0.4515 mg/L 0.00273 0.61%
QC value within limits for Cd 228.802	Recovery = 90.30%
Co 228.616†	15470.1 0.2256 mg/L 0.00163 0.2256 mg/L 0.00163 0.72%
QC value within limits for Co 228.616	Recovery = 90.24%
Cr 267.716†	32264.0 0.2427 mg/L 0.00069 0.2427 mg/L 0.00069 0.28%
QC value within limits for Cr 267.716	Recovery = 97.08%
Cu 324.752†	64520.0 0.2478 mg/L 0.00133 0.2478 mg/L 0.00133 0.54%
QC value within limits for Cu 324.752	Recovery = 99.14%
Fe 238.204†	10084983.2 84.02 mg/L 0.159 84.02 mg/L 0.159 0.19%
QC value within limits for Fe 238.204	Recovery = 84.02%
Fe 234.349†	3310154.6 90.82 mg/L 0.161 90.82 mg/L 0.161 0.18%
QC value within limits for Fe 234.349	Recovery = 90.82%
Mg 279.077†	4395028.7 239.6 mg/L 0.50 239.6 mg/L 0.50 0.21%
QC value within limits for Mg 279.077	Recovery = 95.85%
Mn 257.610†	245040.1 0.2412 mg/L 0.00045 0.2412 mg/L 0.00045 0.19%
QC value within limits for Mn 257.610	Recovery = 96.50%
Mo 202.031†	-95.7 -0.0002 mg/L 0.00096 -0.0002 mg/L 0.00096 487.16%
QC value within limits for Mo 202.031	Recovery = Not calculated
Na 330.237†	-245.0 0.6642 mg/L 0.01147 0.6642 mg/L 0.01147 1.73%
QC value within limits for Na 330.237	Recovery = Not calculated
Ni 231.604†	23195.9 0.4529 mg/L 0.00291 0.4529 mg/L 0.00291 0.64%
QC value within limits for Ni 231.604	Recovery = 90.58%
Pb 220.353†	3808.1 0.4586 mg/L 0.00210 0.4586 mg/L 0.00210 0.46%
QC value within limits for Pb 220.353	Recovery = 91.71%
Sb 206.836†	-39.5 -0.0121 mg/L 0.00014 -0.0121 mg/L 0.00014 1.14%
QC value within limits for Sb 206.836	Recovery = Not calculated
Se 196.026†	-26.9 -0.0388 mg/L 0.00260 -0.0388 mg/L 0.00260 6.70%
QC value within limits for Se 196.026	Recovery = Not calculated
Sn 189.927†	-97.8 -0.0498 mg/L 0.00189 -0.0498 mg/L 0.00189 3.79%
QC value within limits for Sn 189.927	Recovery = Not calculated
Ti 337.279†	3794.6 0.0060 mg/L 0.00010 0.0060 mg/L 0.00010 1.63%
QC value within limits for Ti 337.279	Recovery = Not calculated
Tl 190.801†	-44.6 -0.0286 mg/L 0.01033 -0.0286 mg/L 0.01033 36.15%
QC value within limits for Tl 190.801	Recovery = Not calculated
V 292.402†	52868.1 0.2361 mg/L 0.00074 0.2361 mg/L 0.00074 0.31%
QC value within limits for V 292.402	Recovery = 94.44%
Zn 213.857†	45754.2 0.4826 mg/L 0.00400 0.4826 mg/L 0.00400 0.83%
QC value within limits for Zn 213.857	Recovery = 96.52%

All analyte(s) passed QC.

Sequence No.: 109
 Sample ID: WASH
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 0
 Date Collected: 8/3/2006 9:01:58 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: WASH

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	Y 360.073	2412583.6	2412583.6	0.991 mg/L		21:03:25
1	Ag 328.068†	328.2	89.1	0.0008 mg/L	0.0008 mg/L	21:03:30
1	Al 237.313†	35.2	259.5	0.0364 mg/L	0.0364 mg/L	21:03:50
1	As 188.979†	-11.5	-0.7	-0.0002 mg/L	-0.0002 mg/L	21:03:50
1	B 182.528†	-17.1	-2.4	-0.0021 mg/L	-0.0021 mg/L	21:03:50
1	Ba 233.527†	225.1	119.2	-0.0012 mg/L	-0.0012 mg/L	21:03:50
1	Be 313.107†	4291.1	97.5	0.0001 mg/L	0.0001 mg/L	21:03:25

1	Ca	315.886†	4144.6	4117.1	0.0387 mg/L	0.0387 mg/L	21:03:30
1	Cd	228.802†	582.1	62.6	0.0014 mg/L	0.0014 mg/L	21:03:50
1	Co	228.616†	-170.1	-3.3	-0.0015 mg/L	-0.0015 mg/L	21:03:50
1	Cr	267.716†	2143.0	-33.7	0.0004 mg/L	0.0004 mg/L	21:03:30
1	Cu	324.752†	7054.0	4414.2	0.0175 mg/L	0.0175 mg/L	21:03:30
1	Fe	238.204†	12873.9	-3956.2	-0.0249 mg/L	-0.0249 mg/L	21:03:30
1	Fe	234.349†	4353.8	-1096.1	-0.0273 mg/L	-0.0273 mg/L	21:03:30
1	Mg	279.077†	875.3	1002.3	0.0615 mg/L	0.0615 mg/L	21:03:30
1	Mn	257.610†	9741.8	5611.2	0.0044 mg/L	0.0044 mg/L	21:03:30
1	Mo	202.031†	99.3	31.8	0.0043 mg/L	0.0043 mg/L	21:03:50
1	Na	330.237†	1747.6	468.7	1.136 mg/L	1.136 mg/L	21:03:30
1	Ni	231.604†	178.2	-63.7	-0.0019 mg/L	-0.0019 mg/L	21:03:50
1	Pb	220.353†	3.2	0.5	0.0021 mg/L	0.0021 mg/L	21:03:50
1	Sb	206.836†	49.3	-6.2	-0.0010 mg/L	-0.0010 mg/L	21:03:50
1	Se	196.026†	-18.6	-1.0	0.0006 mg/L	0.0006 mg/L	21:03:50
1	Sn	189.927†	66.4	-87.0	-0.0455 mg/L	-0.0455 mg/L	21:03:50
1	Ti	337.279†	2765.9	1684.0	0.0030 mg/L	0.0030 mg/L	21:03:30
1	Tl	190.801†	-23.5	-4.6	0.0107 mg/L	0.0107 mg/L	21:03:50
1	V	292.402†	1870.0	99.0	0.0011 mg/L	0.0011 mg/L	21:03:30
1	Zn	213.857†	2820.7	1161.2	0.0116 mg/L	0.0116 mg/L	21:03:50
2	Y	360.073	2411675.5	2411675.5	0.991 mg/L	0.991 mg/L	21:03:56
2	Ag	328.068†	303.6	64.4	0.0007 mg/L	0.0007 mg/L	21:04:01
2	Al	237.313†	14.6	238.7	0.0340 mg/L	0.0340 mg/L	21:04:21
2	As	188.979†	-13.1	-2.2	-0.0021 mg/L	-0.0021 mg/L	21:04:21
2	B	182.528†	-20.4	-5.7	-0.0048 mg/L	-0.0048 mg/L	21:04:21
2	Ba	233.527†	234.6	128.8	-0.0011 mg/L	-0.0011 mg/L	21:04:21
2	Be	313.107†	4218.3	25.7	0.0001 mg/L	0.0001 mg/L	21:03:56
2	Ca	315.886†	3971.4	3943.9	0.0373 mg/L	0.0373 mg/L	21:04:01
2	Cd	228.802†	574.0	54.7	0.0014 mg/L	0.0014 mg/L	21:04:21
2	Co	228.616†	-159.1	7.7	-0.0014 mg/L	-0.0014 mg/L	21:04:21
2	Cr	267.716†	2163.4	-12.3	0.0006 mg/L	0.0006 mg/L	21:04:01
2	Cu	324.752†	6774.7	4134.9	0.0164 mg/L	0.0164 mg/L	21:04:01
2	Fe	238.204†	12442.4	-4386.9	-0.0285 mg/L	-0.0285 mg/L	21:04:01
2	Fe	234.349†	4182.3	-1267.5	-0.0320 mg/L	-0.0320 mg/L	21:04:01
2	Mg	279.077†	799.3	925.9	0.0573 mg/L	0.0573 mg/L	21:04:01
2	Mn	257.610†	9700.1	5572.9	0.0044 mg/L	0.0044 mg/L	21:04:01
2	Mo	202.031†	94.2	26.6	0.0038 mg/L	0.0038 mg/L	21:04:21
2	Na	330.237†	1751.5	473.3	1.141 mg/L	1.141 mg/L	21:04:01
2	Ni	231.604†	152.8	-89.3	-0.0024 mg/L	-0.0024 mg/L	21:04:21
2	Pb	220.353†	-1.8	-4.6	0.0015 mg/L	0.0015 mg/L	21:04:21
2	Sb	206.836†	49.1	-6.4	-0.0010 mg/L	-0.0010 mg/L	21:04:21
2	Se	196.026†	-16.8	0.8	0.0033 mg/L	0.0033 mg/L	21:04:21
2	Sn	189.927†	69.6	-83.8	-0.0443 mg/L	-0.0443 mg/L	21:04:21
2	Ti	337.279†	2819.6	1739.2	0.0031 mg/L	0.0031 mg/L	21:04:01
2	Tl	190.801†	-15.8	3.2	0.0182 mg/L	0.0182 mg/L	21:04:21
2	V	292.402†	1906.1	136.1	0.0013 mg/L	0.0013 mg/L	21:04:01
2	Zn	213.857†	2760.1	1101.2	0.0110 mg/L	0.0110 mg/L	21:04:21

Mean Data: WASH

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 360.073	2412129.5	0.991 mg/L	0.0003			0.03%
Ag 328.068†	76.8	0.0008 mg/L	0.00005	0.0008 mg/L	0.00005	6.58%
Al 237.313†	249.1	0.0352 mg/L	0.00165	0.0352 mg/L	0.00165	4.68%
As 188.979†	-1.4	-0.0011 mg/L	0.00135	-0.0011 mg/L	0.00135	120.34%
B 182.528†	-4.0	-0.0035 mg/L	0.00195	-0.0035 mg/L	0.00195	56.51%
Ba 233.527†	124.0	-0.0011 mg/L	0.00004	-0.0011 mg/L	0.00004	3.33%
Be 313.107†	61.6	0.0001 mg/L	0.00001	0.0001 mg/L	0.00001	8.88%
Ca 315.886†	4030.5	0.0380 mg/L	0.00100	0.0380 mg/L	0.00100	2.64%
Cd 228.802†	58.7	0.0014 mg/L	0.00006	0.0014 mg/L	0.00006	4.51%
Co 228.616†	2.2	-0.0015 mg/L	0.00011	-0.0015 mg/L	0.00011	7.85%
Cr 267.716†	-23.0	0.0005 mg/L	0.00011	0.0005 mg/L	0.00011	22.92%
Cu 324.752†	4274.6	0.0169 mg/L	0.00076	0.0169 mg/L	0.00076	4.47%
Fe 238.204†	-4171.5	-0.0267 mg/L	0.00254	-0.0267 mg/L	0.00254	9.51%
Fe 234.349†	-1181.8	-0.0296 mg/L	0.00332	-0.0296 mg/L	0.00332	11.22%
Mg 279.077†	964.1	0.0594 mg/L	0.00294	0.0594 mg/L	0.00294	4.95%
Mn 257.610†	5592.1	0.0044 mg/L	0.00003	0.0044 mg/L	0.00003	0.60%
Mo 202.031†	29.2	0.0040 mg/L	0.00031	0.0040 mg/L	0.00031	7.75%
Na 330.237†	471.0	1.138 mg/L	0.0037	1.138 mg/L	0.0037	0.33%
Ni 231.604†	-76.5	-0.0021 mg/L	0.00035	-0.0021 mg/L	0.00035	16.47%

Pb 220.353†	-2.0	0.0018 mg/L	0.00042	0.0018 mg/L	0.00042	23.83%
Sb 206.836†	-6.3	-0.0010 mg/L	0.00003	-0.0010 mg/L	0.00003	3.21%
Se 196.026†	-0.1	0.0020 mg/L	0.00189	0.0020 mg/L	0.00189	96.17%
Sn 189.927†	-85.4	-0.0449 mg/L	0.00088	-0.0449 mg/L	0.00088	1.96%
Ti 337.279†	1711.6	0.0030 mg/L	0.00006	0.0030 mg/L	0.00006	1.85%
Tl 190.801†	-0.7	0.0145 mg/L	0.00531	0.0145 mg/L	0.00531	36.72%
V 292.402†	117.5	0.0012 mg/L	0.00012	0.0012 mg/L	0.00012	9.61%
Zn 213.857†	1131.2	0.0113 mg/L	0.00045	0.0113 mg/L	0.00045	3.98%

Seq.	Loc.	Sample ID
1	1	Calib Blank 1
2	2	Calib Std 1
3	3	Calib Std 2
4	4	Calib Std 3
5	3	CCV
6	1	ICCB
7	39	0607361-03x5
8	3	CCV
9	1	ICCB
10	9	BH60203-BLK1
11	10	BH60203-BS1
12	11	BH60203-BSD1
13	12	0608028-01
14	13	0608028-02
15	14	0608028-03
16	15	0608028-04
17	16	BH60203-DUP1
18	17	BH60203-MS1
19	18	BH60203-SD1
20	3	CCV
21	1	ICCB
22	19	BH60203-PDS1
23	20	0608028-05
24	21	0608028-06
25	22	0608028-07
26	23	0608028-08
27	24	0608028-09
28	25	0608028-10
29	26	0608028-11
30	27	0608028-12
31	28	0608028-13
32	3	CCV
33	1	ICCB
34	29	0608028-14
35	30	0608028-15
36	31	0608028-16
37	32	0608028-18
38	33	0608028-19
39	34	0608028-20
40	35	BH60203-DUP2
41	36	BH60203-MS2
42	37	BH60203-SD2
43	38	BH60203-PDS2
44	3	CCV
45	1	ICCB
46	40	BH60210-SRM2
47	41	0607431-01
48	42	0607433-01
49	43	0608042-01
50	44	0608042-02
51	45	0608042-03
52	46	0608042-04
53	47	0608042-05
54	48	0608042-06
55	49	BH60210-DUP2
56	3	CCV

Ag: 0.005

Cu: 0.02

Pb: 0.01

Cd: 0.005

Cr: 0.01

Cu: 0.01


Ni: 0.01

Pb: 0.01

Se: 0.04

Zn: 0.01

Method : Everything-DV

Seq.	Loc.		Sample ID
57	1	QC	ICCB
58	50	<input checked="" type="checkbox"/>	BH60210-MS2
59	51	<input checked="" type="checkbox"/>	BH60210-SD2
60	52	<input checked="" type="checkbox"/>	BH60210-PDS2
61	3	QC	CCV
62	1	QC	ICCB
63	160	QC	ICSA
64	159	QC	ICSAB
65	0		WASH

Seq.	Loc.	Sample ID
1	1	Calib Blank 1
2	2	Calib Std 1
3	3	Calib Std 2
4	4	Calib Std 3
5	3	STD2
6	5	ICV
7	1	ICCB
8	6	CR11
9	7	CR12
10	8	CR13
11	160	ICSA
12	159	ICSAB
13	0	wash

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Align View XY Axial for analyte Mn 257.610

X-position	Y-position	Intensity
-2.0	15.0	174342.4
-1.6	15.0	266824.8
-1.2	15.0	378107.8
-0.8	15.0	500313.3
-0.4	15.0	601246.0
0.0	15.0	679429.9
0.4	15.0	740126.3
0.8	15.0	758868.6
1.2	15.0	683539.4
1.6	15.0	587510.7
2.0	15.0	482886.7
0.8	10.0	8563.1
0.8	10.5	23139.5
0.8	11.0	38689.5
0.8	11.5	60321.6
0.8	12.0	91341.8
0.8	12.5	198845.8
0.8	13.0	283160.6
0.8	13.5	395361.3
0.8	14.0	503485.2
0.8	14.5	715068.4
0.8	15.0	757265.0
0.8	15.5	746150.0
0.8	16.0	676112.9
0.8	16.5	448970.2
0.8	17.0	339443.3
0.8	17.5	236043.2
0.8	18.0	175812.6
0.8	18.5	117216.0
0.8	19.0	34892.5
0.8	19.5	17192.5
0.8	20.0	7618.2
0.0	15.0	685626.1
0.4	15.0	741409.3
0.8	15.0	760922.2
1.2	15.0	672642.1
1.6	15.0	583364.5
0.8	13.0	306322.3
0.8	13.5	402937.9
0.8	14.0	525092.2
0.8	14.5	720013.3
0.8	15.0	751243.7
0.8	15.5	735947.3
0.8	16.0	663062.7
0.8	16.5	441701.2
0.8	17.0	327785.8

8/3/2006 10:56:12 AM aligned for analyte Mn 257.610

X viewing position set to 0.8 mm having Peak intensity 751243.7 for Axial viewing

Y viewing position set to 15.0 mm having Peak intensity 751243.7 for Axial viewing

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Align View X Radial for analyte Mn 257.610

X-position	Y-position	Intensity
-7.0	15.0	432.7
-6.5	15.0	1221.6
-6.0	15.0	2767.9
-5.5	15.0	4587.7
-5.0	15.0	5272.5
-4.5	15.0	4926.2
-4.0	15.0	5268.3
-3.5	15.0	6813.0
-3.0	15.0	9953.7
-2.5	15.0	13236.1
-2.0	15.0	14669.4
-1.5	15.0	16505.7
-1.0	15.0	21785.1
-0.5	15.0	26923.4
0.0	15.0	33751.6

0.5	15.0	41763.9
1.0	15.0	45037.8
1.5	15.0	44962.8
2.0	15.0	43791.7
2.5	15.0	44275.1
3.0	15.0	44790.7
3.5	15.0	36919.7
4.0	15.0	28197.7
4.5	15.0	36642.4
5.0	15.0	35691.3
5.5	15.0	24348.6
6.0	15.0	16930.4
6.5	15.0	12677.7
7.0	15.0	10599.0

8/3/2006 10:58:51 AM aligned for analyte Mn 257.610
 X viewing position set to 1.0 mm having Peak intensity 45037.8 for Radial viewing

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 Analysis Begun

Start Time: 8/3/2006 11:02:03 AM Plasma On Time: 8/3/2006 8:55:09 AM
 Logged In Analyst: ICP3 Technique: ICP Continuous
 Spectrometer Model: Optima 4300 DV, S/N 077N1032302 Autosampler Model: AS-91

Sample Information File: C:\pe\Administrator\Sample Information\00dailycal.sif
 Batch ID: dailycal
 Results Data Set: 080306nad
 Results Library: Q:\Metals\Results\ICP3\Results2\Results.mdb

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 Method Loaded

Method Name: Everything-DV Method Last Saved: 7/24/2006 5:23:25 PM
 IEC File: 122905.iec MSF File:
 Method Description: Everything

=====
 Sequence No.: 1 Autosampler Location: 1
 Sample ID: Calib Blank 1 Date Collected: 8/3/2006 11:02:04 AM
 Analyst: Data Type: Original
 Initial Sample Wt: Initial Sample Vol:
 Dilution: Sample Prep Vol:

 Replicate Data: Calib Blank 1

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Calib. Units	Analysis Time
1	K 766.490†	-98.5	-98.4	[0.00]	mg/L	11:03:37
1	Li 670.784†	-216.5	-216.2	[0.00]	mg/L	11:03:37
1	Na 589.592	2548.5	2548.5	[0.00]	mg/L	11:03:37
1	Y 371.029	3673613.2	3673613.2	1.00	mg/L	11:03:51
1	Ag 328.068†	-2457.9	-2454.0	[0.00]	mg/L	11:03:56
1	Al 237.313†	-204.7	-204.4	[0.00]	mg/L	11:04:16
1	As 188.979†	8.9	8.9	[0.00]	mg/L	11:04:16
1	B 182.528†	-5.4	-5.4	[0.00]	mg/L	11:04:16
1	Ba 233.527†	-84.5	-84.3	[0.00]	mg/L	11:04:16
1	Be 313.107†	-2169.3	-2165.8	[0.00]	mg/L	11:03:56
1	Ca 315.886†	3191.9	3186.9	[0.00]	mg/L	11:03:56
1	Cd 228.802†	150.6	150.4	[0.00]	mg/L	11:04:16
1	Co 228.616†	-211.2	-210.9	[0.00]	mg/L	11:04:16
1	Cr 267.716†	3366.4	3361.0	[0.00]	mg/L	11:03:56
1	Cu 324.752†	2004.2	2001.0	[0.00]	mg/L	11:03:56
1	Fe 234.349†	1494.7	1492.3	[0.00]	mg/L	11:04:16
1	Fe 238.204†	833.5	832.2	[0.00]	mg/L	11:04:16
1	Mg 279.077†	338.6	338.0	[0.00]	mg/L	11:03:56
1	Mn 257.610†	1455.3	1453.0	[0.00]	mg/L	11:03:56
1	Mo 202.031†	33.8	33.7	[0.00]	mg/L	11:04:16
1	Ni 231.604†	312.7	312.2	[0.00]	mg/L	11:04:16
1	P 214.914†	107.4	107.2	[0.00]	mg/L	11:04:16
1	Pb 220.353†	-141.3	-141.1	[0.00]	mg/L	11:04:16
1	Sb 206.836†	46.2	46.2	[0.00]	mg/L	11:04:16

1	Se 196.026†	-1.6	-1.6	[0.00] mg/L	11:04:16
1	Sn 189.927†	245.5	245.1	[0.00] mg/L	11:04:16
1	Sr 407.771†	2746.0	2741.7	[0.00] mg/L	11:03:51
1	Ti 337.279†	-2277.2	-2273.6	[0.00] mg/L	11:03:56
1	Tl 190.801†	-16.8	-16.7	[0.00] mg/L	11:04:16
1	V 292.402†	-1420.2	-1417.9	[0.00] mg/L	11:03:56
1	Zn 213.857†	786.4	785.2	[0.00] mg/L	11:04:16
2	K 766.490†	-125.0	-125.2	[0.00] mg/L	11:03:43
2	Li 670.784†	-136.2	-136.4	[0.00] mg/L	11:03:43
2	Na 589.592	2626.3	2626.3	[0.00] mg/L	11:03:43
2	Y 371.029	3661894.7	3661894.7	0.998 mg/L	11:04:22
2	Ag 328.068†	-2566.7	-2570.8	[0.00] mg/L	11:04:27
2	Al 237.313†	-203.0	-203.3	[0.00] mg/L	11:04:48
2	As 188.979†	6.4	6.4	[0.00] mg/L	11:04:48
2	B 182.528†	-6.9	-6.9	[0.00] mg/L	11:04:48
2	Ba 233.527†	-96.6	-96.7	[0.00] mg/L	11:04:48
2	Be 313.107†	-2100.4	-2103.7	[0.00] mg/L	11:04:27
2	Ca 315.886†	3208.7	3213.9	[0.00] mg/L	11:04:27
2	Cd 228.802†	145.9	146.2	[0.00] mg/L	11:04:48
2	Co 228.616†	-198.5	-198.8	[0.00] mg/L	11:04:48
2	Cr 267.716†	3355.8	3361.2	[0.00] mg/L	11:04:27
2	Cu 324.752†	2030.0	2033.3	[0.00] mg/L	11:04:27
2	Fe 234.349†	1480.2	1482.6	[0.00] mg/L	11:04:48
2	Fe 238.204†	791.3	792.5	[0.00] mg/L	11:04:48
2	Mg 279.077†	310.9	311.4	[0.00] mg/L	11:04:27
2	Mn 257.610†	1046.0	1047.7	[0.00] mg/L	11:04:27
2	Mo 202.031†	30.1	30.1	[0.00] mg/L	11:04:48
2	Ni 231.604†	312.2	312.7	[0.00] mg/L	11:04:48
2	P 214.914†	112.7	112.9	[0.00] mg/L	11:04:48
2	Pb 220.353†	-137.9	-138.1	[0.00] mg/L	11:04:48
2	Sb 206.836†	35.9	36.0	[0.00] mg/L	11:04:48
2	Se 196.026†	-8.2	-8.2	[0.00] mg/L	11:04:48
2	Sn 189.927†	243.8	244.2	[0.00] mg/L	11:04:48
2	Sr 407.771†	2738.0	2742.4	[0.00] mg/L	11:04:22
2	Ti 337.279†	-2249.1	-2252.7	[0.00] mg/L	11:04:27
2	Tl 190.801†	-23.7	-23.7	[0.00] mg/L	11:04:48
2	V 292.402†	-1324.4	-1326.5	[0.00] mg/L	11:04:27
2	Zn 213.857†	779.9	781.2	[0.00] mg/L	11:04:48

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc. Units	Calib
Y 371.029	3667754.0	8286.25	0.23%	1.00 mg/L	
Ag 328.068†	-2512.4	82.59	3.29%	[0.00] mg/L	
Al 237.313†	-203.9	0.72	0.35%	[0.00] mg/L	
As 188.979†	7.6	1.76	23.05%	[0.00] mg/L	
B 182.528†	-6.2	1.07	17.33%	[0.00] mg/L	
Ba 233.527†	-90.5	8.76	9.68%	[0.00] mg/L	
Be 313.107†	-2134.8	43.92	2.06%	[0.00] mg/L	
Ca 315.886†	3200.4	19.09	0.60%	[0.00] mg/L	
Cd 228.802†	148.3	2.97	2.00%	[0.00] mg/L	
Co 228.616†	-204.8	8.52	4.16%	[0.00] mg/L	
Cr 267.716†	3361.1	0.14	0.00%	[0.00] mg/L	
Cu 324.752†	2017.1	22.85	1.13%	[0.00] mg/L	
Fe 234.349†	1487.4	6.84	0.46%	[0.00] mg/L	
Fe 238.204†	812.3	28.04	3.45%	[0.00] mg/L	
K 766.490†	-111.8	18.95	16.95%	[0.00] mg/L	
Li 670.784†	-176.3	56.40	31.99%	[0.00] mg/L	
Mg 279.077†	324.7	18.86	5.81%	[0.00] mg/L	
Mn 257.610†	1250.3	286.62	22.92%	[0.00] mg/L	
Mo 202.031†	31.9	2.55	7.98%	[0.00] mg/L	
Na 589.592	2587.4	55.01	2.13%	[0.00] mg/L	
Ni 231.604†	312.4	0.31	0.10%	[0.00] mg/L	
P 214.914†	110.0	3.99	3.62%	[0.00] mg/L	
Pb 220.353†	-139.6	2.09	1.50%	[0.00] mg/L	
Sb 206.836†	41.1	7.23	17.60%	[0.00] mg/L	
Se 196.026†	-4.9	4.66	95.18%	[0.00] mg/L	
Sn 189.927†	244.6	0.66	0.27%	[0.00] mg/L	
Sr 407.771†	2742.0	0.53	0.02%	[0.00] mg/L	
Ti 337.279†	-2263.1	14.72	0.65%	[0.00] mg/L	
Tl 190.801†	-20.2	4.93	24.36%	[0.00] mg/L	

V 292.402† -1372.2 64.65 4.71% [0.00] mg/L
 Zn 213.857† 783.2 2.82 0.36% [0.00] mg/L

Sequence No.: 2

Sample ID: Calib Std 1

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 2

Date Collected: 8/3/2006 11:06:25 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: Calib Std 1

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Analysis Time
1	K 766.490†	8790.8	8944.9	[5.0000] mg/L	11:07:59
1	Li 670.784†	6706.6	6915.3	[0.1] mg/L	11:07:59
1	Na 589.592	33722.5	31135.1	[5.0000] mg/L	11:07:59
1	Y 371.029	3650165.2	3650165.2	0.995 mg/L	11:08:13
1	Ag 328.068†	10694.7	13258.6	[0.05] mg/L	11:08:18
1	Al 237.313†	3510.3	3731.0	[0.5] mg/L	11:08:18
1	As 188.979†	83.9	76.7	[0.1000] mg/L	11:08:38
1	B 182.528†	35.9	42.3	[0.1000] mg/L	11:08:38
1	Ba 233.527†	10398.8	10539.4	[0.1000] mg/L	11:08:18
1	Be 313.107†	40166.7	42495.1	[0.0100] mg/L	11:08:18
1	Ca 315.886†	172024.0	169652.6	[1.0000] mg/L	11:08:13
1	Cd 228.802†	2509.5	2373.3	[0.0500] mg/L	11:08:38
1	Co 228.616†	4201.8	4426.8	[0.1000] mg/L	11:08:38
1	Cr 267.716†	20053.8	16789.3	[0.1000] mg/L	11:08:18
1	Cu 324.752†	25309.4	23414.2	[0.1000] mg/L	11:08:18
1	Fe 234.349†	26951.6	25594.1	[0.5] mg/L	11:08:18
1	Fe 238.204†	64073.7	63570.1	[0.5] mg/L	11:08:18
1	Mg 279.077†	25185.6	24982.3	[1.0000] mg/L	11:08:18
1	Mn 257.610†	81137.8	80278.4	[0.1000] mg/L	11:08:18
1	Mo 202.031†	1543.8	1519.3	[0.1000] mg/L	11:08:38
1	Ni 231.604†	5881.2	5597.1	[0.1000] mg/L	11:08:18
1	P 214.914†	1589.1	1486.7	[1] mg/L	11:08:38
1	Pb 220.353†	873.9	1017.7	[0.1000] mg/L	11:08:38
1	Sb 206.836†	256.9	217.1	[0.1000] mg/L	11:08:38
1	Se 196.026†	177.5	183.3	[0.2000] mg/L	11:08:38
1	Sn 189.927†	685.5	444.1	[0.1000] mg/L	11:08:38
1	Sr 407.771†	243649.2	242081.3	[0.0100] mg/L	11:08:13
1	Ti 337.279†	82744.0	85405.9	[0.1000] mg/L	11:08:18
1	Tl 190.801†	96.5	117.2	[0.1000] mg/L	11:08:38
1	V 292.402†	19866.9	21334.9	[0.1000] mg/L	11:08:18
1	Zn 213.857†	9995.2	9260.2	[0.1000] mg/L	11:08:18
2	K 766.490†	8737.9	8913.9	[5.0000] mg/L	11:08:04
2	Li 670.784†	6673.2	6898.7	[0.1] mg/L	11:08:04
2	Na 589.592	33693.4	31106.0	[5.0000] mg/L	11:08:04
2	Y 371.029	3640958.4	3640958.4	0.993 mg/L	11:08:44
2	Ag 328.068†	10689.7	13280.7	[0.05] mg/L	11:08:49
2	Al 237.313†	3566.2	3796.3	[0.5] mg/L	11:08:49
2	As 188.979†	83.9	76.9	[0.1000] mg/L	11:09:10
2	B 182.528†	39.2	45.6	[0.1000] mg/L	11:09:10
2	Ba 233.527†	10464.0	10631.6	[0.1000] mg/L	11:08:49
2	Be 313.107†	39952.5	42381.3	[0.0100] mg/L	11:08:49
2	Ca 315.886†	171161.2	169220.5	[1.0000] mg/L	11:08:44
2	Cd 228.802†	2527.8	2398.1	[0.0500] mg/L	11:09:10
2	Co 228.616†	4225.7	4461.7	[0.1000] mg/L	11:09:10
2	Cr 267.716†	19951.2	16736.9	[0.1000] mg/L	11:08:49
2	Cu 324.752†	25283.9	23452.8	[0.1000] mg/L	11:08:49
2	Fe 234.349†	26974.1	25685.2	[0.5] mg/L	11:08:49
2	Fe 238.204†	64083.0	63742.3	[0.5] mg/L	11:08:49
2	Mg 279.077†	25205.6	25066.4	[1.0000] mg/L	11:08:49
2	Mn 257.610†	80916.2	80261.3	[0.1000] mg/L	11:08:49
2	Mo 202.031†	1546.1	1525.5	[0.1000] mg/L	11:09:10
2	Ni 231.604†	5863.6	5594.3	[0.1000] mg/L	11:08:49
2	P 214.914†	1577.0	1478.6	[1] mg/L	11:09:10
2	Pb 220.353†	873.4	1019.4	[0.1000] mg/L	11:09:10
2	Sb 206.836†	246.5	207.3	[0.1000] mg/L	11:09:10
2	Se 196.026†	167.6	173.8	[0.2000] mg/L	11:09:10
2	Sn 189.927†	694.0	454.4	[0.1000] mg/L	11:09:10
2	Sr 407.771†	242901.2	241946.8	[0.0100] mg/L	11:08:44

2	Ti 337.279†	82575.4	85446.2	[0.1000] mg/L	11:08:49
2	Tl 190.801†	105.4	126.4	[0.1000] mg/L	11:09:10
2	V 292.402†	19859.8	21378.2	[0.1000] mg/L	11:08:49
2	Zn 213.857†	9959.4	9249.5	[0.1000] mg/L	11:08:49

Mean Data: Calib Std 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc. Units
Y 371.029	3645561.8	6510.16	0.18%	0.994 mg/L
Ag 328.068†	13269.7	15.66	0.12%	[0.05] mg/L
Al 237.313†	3763.7	46.15	1.23%	[0.5] mg/L
As 188.979†	76.8	0.18	0.24%	[0.1000] mg/L
B 182.528†	44.0	2.37	5.39%	[0.1000] mg/L
Ba 233.527†	10585.5	65.16	0.62%	[0.1000] mg/L
Be 313.107†	42438.2	80.44	0.19%	[0.0100] mg/L
Ca 315.886†	169436.5	305.54	0.18%	[1.0000] mg/L
Cd 228.802†	2385.7	17.55	0.74%	[0.0500] mg/L
Co 228.616†	4444.3	24.63	0.55%	[0.1000] mg/L
Cr 267.716†	16763.1	37.02	0.22%	[0.1000] mg/L
Cu 324.752†	23433.5	27.33	0.12%	[0.1000] mg/L
Fe 234.349†	25639.6	64.42	0.25%	[0.5] mg/L
Fe 238.204†	63656.2	121.75	0.19%	[0.5] mg/L
K 766.490†	8929.4	21.90	0.25%	[5.0000] mg/L
Li 670.784†	6907.0	11.76	0.17%	[0.1] mg/L
Mg 279.077†	25024.3	59.48	0.24%	[1.0000] mg/L
Mn 257.610†	80269.9	12.11	0.02%	[0.1000] mg/L
Mo 202.031†	1522.4	4.42	0.29%	[0.1000] mg/L
Na 589.592	31120.5	20.58	0.07%	[5.0000] mg/L
Ni 231.604†	5595.7	1.93	0.03%	[0.1000] mg/L
P 214.914†	1482.7	5.75	0.39%	[1] mg/L
Pb 220.353†	1018.5	1.22	0.12%	[0.1000] mg/L
Sb 206.836†	212.2	6.92	3.26%	[0.1000] mg/L
Se 196.026†	178.5	6.73	3.77%	[0.2000] mg/L
Sn 189.927†	449.3	7.29	1.62%	[0.1000] mg/L
Sr 407.771†	242014.0	95.12	0.04%	[0.0100] mg/L
Ti 337.279†	85426.1	28.52	0.03%	[0.1000] mg/L
Tl 190.801†	121.8	6.49	5.33%	[0.1000] mg/L
V 292.402†	21356.5	30.65	0.14%	[0.1000] mg/L
Zn 213.857†	9254.8	7.54	0.08%	[0.1000] mg/L

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Sequence No.: 3

Sample ID: Calib Std 2

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/3/2006 11:10:47 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: Calib Std 2

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Analysis Time
1	K 766.490†	49974.7	51366.4	[25.0000] mg/L	11:12:25
1	Li 670.784†	38528.6	39691.7	[0.5] mg/L	11:12:25
1	Na 589.592	157431.9	154844.5	[25.000] mg/L	11:12:25
1	Y 371.029	3576161.8	3576161.8	0.975 mg/L	11:12:40
1	Ag 328.068†	62480.0	66592.7	[0.25] mg/L	11:12:46
1	Al 237.313†	18564.4	19243.7	[2.5] mg/L	11:12:46
1	As 188.979†	378.2	380.3	[0.5000] mg/L	11:13:06
1	B 182.528†	217.4	229.1	[0.5000] mg/L	11:13:06
1	Ba 233.527†	51800.0	53217.2	[0.5000] mg/L	11:12:46
1	Be 313.107†	207156.3	214596.7	[0.0500] mg/L	11:12:46
1	Ca 315.886†	846985.2	865477.7	[5.0000] mg/L	11:12:40
1	Cd 228.802†	11998.0	12157.0	[0.2500] mg/L	11:13:06
1	Co 228.616†	21169.2	21916.2	[0.5000] mg/L	11:12:46
1	Cr 267.716†	85067.6	83885.2	[0.5000] mg/L	11:12:46
1	Cu 324.752†	114563.7	115480.7	[0.5000] mg/L	11:12:46
1	Fe 234.349†	126067.0	127808.3	[2.5] mg/L	11:12:46
1	Fe 238.204†	309457.0	316570.4	[2.5] mg/L	11:12:46
1	Mg 279.077†	121088.3	123864.9	[5.0000] mg/L	11:12:46
1	Mn 257.610†	393013.7	401829.2	[0.5000] mg/L	11:12:46
1	Mo 202.031†	7511.2	7671.6	[0.5000] mg/L	11:13:06

1	Ni 231.604†	27184.4	27568.2	[0.5000]	mg/L	11:12:46
1	P 214.914†	7582.6	7666.7	[5]	mg/L	11:13:06
1	Pb 220.353†	4871.9	5136.2	[0.5000]	mg/L	11:13:06
1	Sb 206.836†	1079.8	1066.4	[0.5000]	mg/L	11:13:06
1	Se 196.026†	900.7	928.7	[1.0000]	mg/L	11:13:06
1	Sn 189.927†	2454.1	2272.4	[0.5000]	mg/L	11:13:06
1	Sr 407.771†	1177624.2	1205043.3	[0.0500]	mg/L	11:12:40
1	Ti 337.279†	416780.5	429718.2	[0.5000]	mg/L	11:12:40
1	Tl 190.801†	561.0	595.6	[0.5000]	mg/L	11:13:06
1	V 292.402†	103814.8	107845.9	[0.5000]	mg/L	11:12:46
1	Zn 213.857†	46131.8	46530.2	[0.5000]	mg/L	11:12:46
2	K 766.490†	49834.0	51051.7	[25.0000]	mg/L	11:12:31
2	Li 670.784†	38410.0	39438.7	[0.5]	mg/L	11:12:31
2	Na 589.592	157080.7	154493.3	[25.0000]	mg/L	11:12:31
2	Y 371.029	3588124.5	3588124.5	0.978	mg/L	11:13:12
2	Ag 328.068†	63165.2	67079.4	[0.25]	mg/L	11:13:18
2	Al 237.313†	18711.1	19330.2	[2.5]	mg/L	11:13:18
2	As 188.979†	372.8	373.4	[0.5000]	mg/L	11:13:38
2	B 182.528†	215.2	226.1	[0.5000]	mg/L	11:13:38
2	Ba 233.527†	52283.1	53533.9	[0.5000]	mg/L	11:13:18
2	Be 313.107†	209409.0	216191.1	[0.0500]	mg/L	11:13:18
2	Ca 315.886†	851810.8	867514.2	[5.0000]	mg/L	11:13:12
2	Cd 228.802†	12024.3	12142.9	[0.2500]	mg/L	11:13:38
2	Co 228.616†	21352.3	22031.0	[0.5000]	mg/L	11:13:18
2	Cr 267.716†	85714.2	84255.3	[0.5000]	mg/L	11:13:18
2	Cu 324.752†	115675.5	116225.5	[0.5000]	mg/L	11:13:18
2	Fe 234.349†	127369.5	128708.7	[2.5]	mg/L	11:13:18
2	Fe 238.204†	312742.8	318871.0	[2.5]	mg/L	11:13:18
2	Mg 279.077†	122246.5	124634.8	[5.0000]	mg/L	11:13:18
2	Mn 257.610†	397141.2	404704.4	[0.5000]	mg/L	11:13:18
2	Mo 202.031†	7532.6	7667.8	[0.5000]	mg/L	11:13:38
2	Ni 231.604†	27494.1	27791.8	[0.5000]	mg/L	11:13:18
2	P 214.914†	7569.0	7626.9	[5]	mg/L	11:13:38
2	Pb 220.353†	4871.9	5119.6	[0.5000]	mg/L	11:13:38
2	Sb 206.836†	1086.2	1069.2	[0.5000]	mg/L	11:13:38
2	Se 196.026†	906.9	931.9	[1.0000]	mg/L	11:13:38
2	Sn 189.927†	2451.2	2261.0	[0.5000]	mg/L	11:13:38
2	Sr 407.771†	1182612.4	1206115.5	[0.0500]	mg/L	11:13:12
2	Ti 337.279†	419037.4	430600.0	[0.5000]	mg/L	11:13:12
2	Tl 190.801†	578.3	611.4	[0.5000]	mg/L	11:13:38
2	V 292.402†	104834.1	108532.9	[0.5000]	mg/L	11:13:18
2	Zn 213.857†	46515.2	46764.3	[0.5000]	mg/L	11:13:18

Mean Data: Calib Std 2

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Y 371.029	3582143.1	8458.89	0.24%	0.977	mg/L
Ag 328.068†	66836.0	344.14	0.51%	[0.25]	mg/L
Al 237.313†	19286.9	61.14	0.32%	[2.5]	mg/L
As 188.979†	376.8	4.87	1.29%	[0.5000]	mg/L
B 182.528†	227.6	2.14	0.94%	[0.5000]	mg/L
Ba 233.527†	53375.6	223.99	0.42%	[0.5000]	mg/L
Be 313.107†	215393.9	1127.42	0.52%	[0.0500]	mg/L
Ca 315.886†	866496.0	1440.03	0.17%	[5.0000]	mg/L
Cd 228.802†	12149.9	9.95	0.08%	[0.2500]	mg/L
Co 228.616†	21973.6	81.21	0.37%	[0.5000]	mg/L
Cr 267.716†	84070.2	261.71	0.31%	[0.5000]	mg/L
Cu 324.752†	115853.1	526.64	0.45%	[0.5000]	mg/L
Fe 234.349†	128258.5	636.65	0.50%	[2.5]	mg/L
Fe 238.204†	317720.7	1626.73	0.51%	[2.5]	mg/L
K 766.490†	51209.1	222.53	0.43%	[25.0000]	mg/L
Li 670.784†	39565.2	178.89	0.45%	[0.5]	mg/L
Mg 279.077†	124249.8	544.36	0.44%	[5.0000]	mg/L
Mn 257.610†	403266.8	2033.08	0.50%	[0.5000]	mg/L
Mo 202.031†	7669.7	2.68	0.03%	[0.5000]	mg/L
Na 589.592	154668.9	248.33	0.16%	[25.0000]	mg/L
Ni 231.604†	27680.0	158.13	0.57%	[0.5000]	mg/L
P 214.914†	7646.8	28.16	0.37%	[5]	mg/L
Pb 220.353†	5127.9	11.77	0.23%	[0.5000]	mg/L
Sb 206.836†	1067.8	1.99	0.19%	[0.5000]	mg/L
Se 196.026†	930.3	2.28	0.25%	[1.0000]	mg/L

Sn 189.927†	2266.7	8.03	0.35%	[0.5000] mg/L
Sr 407.771†	1205579.4	758.13	0.06%	[0.0500] mg/L
Ti 337.279†	430159.1	623.55	0.14%	[0.5000] mg/L
Tl 190.801†	603.5	11.11	1.84%	[0.5000] mg/L
V 292.402†	108189.4	485.74	0.45%	[0.5000] mg/L
Zn 213.857†	46647.3	165.57	0.35%	[0.5000] mg/L

Sequence No.: 4

Autosampler Location: 4

Sample ID: Calib Std 3

Date Collected: 8/3/2006 11:15:17 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Replicate Data: Calib Std 3

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Calib. Units	Analysis Time
1	K 766.490†	103464.2	106430.7	[50.0000]	mg/L	11:16:52
1	Li 670.784†	75753.5	78020.0	[1]	mg/L	11:16:52
1	Na 589.592	313703.0	311115.6	[50.000]	mg/L	11:16:52
1	Y 371.029	3569273.4	3569273.4	0.973	mg/L	11:17:09
1	Ag 328.068†	127388.4	133415.6	[0.5]	mg/L	11:17:15
1	Al 237.313†	37587.9	38828.8	[5]	mg/L	11:17:15
1	As 188.979†	750.6	763.7	[1.0000]	mg/L	11:17:36
1	B 182.528†	445.1	463.6	[1.0000]	mg/L	11:17:36
1	Ba 233.527†	104080.7	107042.9	[1.0000]	mg/L	11:17:15
1	Be 313.107†	420209.4	433938.3	[0.1000]	mg/L	11:17:15
1	Ca 315.886†	1697615.3	1741254.2	[10.0000]	mg/L	11:17:09
1	Cd 228.802†	23749.3	24256.3	[0.5000]	mg/L	11:17:36
1	Co 228.616†	42522.9	43901.0	[1.0000]	mg/L	11:17:15
1	Cr 267.716†	166993.8	168240.3	[1.0000]	mg/L	11:17:15
1	Cu 324.752†	225944.5	230161.4	[1.0000]	mg/L	11:17:15
1	Fe 234.349†	251329.8	256776.8	[5.0]	mg/L	11:17:15
1	Fe 238.204†	619230.2	635503.2	[5.0]	mg/L	11:17:15
1	Mg 279.077†	241524.5	247863.7	[10.0000]	mg/L	11:17:15
1	Mn 257.610†	777485.8	797687.2	[1.0000]	mg/L	11:17:09
1	Mo 202.031†	14886.1	15264.9	[1.0000]	mg/L	11:17:36
1	Ni 231.604†	53902.3	55077.1	[1.0000]	mg/L	11:17:15
1	P 214.914†	15205.1	15514.5	[10]	mg/L	11:17:36
1	Pb 220.353†	9798.5	10208.5	[1.0000]	mg/L	11:17:36
1	Sb 206.836†	2107.3	2124.3	[1.0000]	mg/L	11:17:36
1	Se 196.026†	1811.9	1866.8	[2.0000]	mg/L	11:17:36
1	Sn 189.927†	4611.4	4494.0	[1.0000]	mg/L	11:17:36
1	Sr 407.771†	2330343.1	2391898.1	[0.1000]	mg/L	11:17:09
1	Ti 337.279†	839328.4	864749.6	[1.0000]	mg/L	11:17:09
1	Tl 190.801†	1284.3	1340.0	[1.0000]	mg/L	11:17:36
1	V 292.402†	210030.1	217197.3	[1.0000]	mg/L	11:17:15
1	Zn 213.857†	91882.4	93634.4	[1.0000]	mg/L	11:17:15
2	K 766.490†	104120.5	107838.7	[50.0000]	mg/L	11:16:58
2	Li 670.784†	76149.8	78963.7	[1]	mg/L	11:16:58
2	Na 589.592	315337.7	312750.3	[50.000]	mg/L	11:16:58
2	Y 371.029	3544968.3	3544968.3	0.967	mg/L	11:17:44
2	Ag 328.068†	127580.2	134511.5	[0.5]	mg/L	11:17:50
2	Al 237.313†	37627.9	39135.1	[5]	mg/L	11:17:50
2	As 188.979†	753.2	771.6	[1.0000]	mg/L	11:18:10
2	B 182.528†	446.9	468.6	[1.0000]	mg/L	11:18:10
2	Ba 233.527†	104275.0	107977.2	[1.0000]	mg/L	11:17:50
2	Be 313.107†	420845.8	437557.3	[0.1000]	mg/L	11:17:50
2	Ca 315.886†	1687986.2	1743252.0	[10.0000]	mg/L	11:17:44
2	Cd 228.802†	23812.4	24488.9	[0.5000]	mg/L	11:18:10
2	Co 228.616†	42621.3	44302.4	[1.0000]	mg/L	11:17:50
2	Cr 267.716†	167479.2	169919.0	[1.0000]	mg/L	11:17:50
2	Cu 324.752†	226086.3	231900.0	[1.0000]	mg/L	11:17:50
2	Fe 234.349†	252052.6	259295.5	[5.0]	mg/L	11:17:50
2	Fe 238.204†	620860.7	641552.8	[5.0]	mg/L	11:17:50
2	Mg 279.077†	242541.4	250617.5	[10.0000]	mg/L	11:17:50
2	Mn 257.610†	772602.7	798112.7	[1.0000]	mg/L	11:17:44
2	Mo 202.031†	14985.6	15472.8	[1.0000]	mg/L	11:18:10
2	Ni 231.604†	54003.3	55561.3	[1.0000]	mg/L	11:17:50
2	P 214.914†	15241.7	15659.6	[10]	mg/L	11:18:10
2	Pb 220.353†	9814.1	10293.6	[1.0000]	mg/L	11:18:10

2	Sb 206.836†	2109.3	2141.3	[1.0000]	mg/L	11:18:10
2	Se 196.026†	1816.2	1884.0	[2.0000]	mg/L	11:18:10
2	Sn 189.927†	4617.8	4533.1	[1.0000]	mg/L	11:18:10
2	Sr 407.771†	2315573.8	2393035.4	[0.1000]	mg/L	11:17:44
2	Ti 337.279†	833865.0	865010.4	[1.0000]	mg/L	11:17:44
2	Tl 190.801†	1331.6	1397.9	[1.0000]	mg/L	11:18:10
2	V 292.402†	210607.8	219274.7	[1.0000]	mg/L	11:17:50
2	Zn 213.857†	92085.1	94491.4	[1.0000]	mg/L	11:17:50

Mean Data: Calib Std 3

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Units	Calib
Y 371.029	3557120.9	17186.27	0.48%	0.970	mg/L	
Ag 328.068†	133963.6	774.94	0.58%	[0.5]	mg/L	
Al 237.313†	38981.9	216.55	0.56%	[5]	mg/L	
As 188.979†	767.7	5.60	0.73%	[1.0000]	mg/L	
B 182.528†	466.1	3.54	0.76%	[1.0000]	mg/L	
Ba 233.527†	107510.1	660.68	0.61%	[1.0000]	mg/L	
Be 313.107†	435747.8	2559.02	0.59%	[0.1000]	mg/L	
Ca 315.886†	1742253.1	1412.62	0.08%	[10.0000]	mg/L	
Cd 228.802†	24372.6	164.52	0.68%	[0.5000]	mg/L	
Co 228.616†	44101.7	283.80	0.64%	[1.0000]	mg/L	
Cr 267.716†	169079.6	1187.07	0.70%	[1.0000]	mg/L	
Cu 324.752†	231030.7	1229.36	0.53%	[1.0000]	mg/L	
Fe 234.349†	258036.1	1780.94	0.69%	[5.0]	mg/L	
Fe 238.204†	638528.0	4277.76	0.67%	[5.0]	mg/L	
K 766.490†	107134.7	995.59	0.93%	[50.0000]	mg/L	
Li 670.784†	78491.8	667.31	0.85%	[1]	mg/L	
Mg 279.077†	249240.6	1947.21	0.78%	[10.0000]	mg/L	
Mn 257.610†	797900.0	300.85	0.04%	[1.0000]	mg/L	
Mo 202.031†	15368.8	146.97	0.96%	[1.0000]	mg/L	
Na 589.592	311933.0	1155.92	0.37%	[50.000]	mg/L	
Ni 231.604†	55319.2	342.38	0.62%	[1.0000]	mg/L	
P 214.914†	15587.1	102.57	0.66%	[10]	mg/L	
Pb 220.353†	10251.0	60.20	0.59%	[1.0000]	mg/L	
Sb 206.836†	2132.8	12.01	0.56%	[1.0000]	mg/L	
Se 196.026†	1875.4	12.15	0.65%	[2.0000]	mg/L	
Sn 189.927†	4513.6	27.65	0.61%	[1.0000]	mg/L	
Sr 407.771†	2392466.7	804.21	0.03%	[0.1000]	mg/L	
Ti 337.279†	864880.0	184.45	0.02%	[1.0000]	mg/L	
Tl 190.801†	1369.0	41.00	3.00%	[1.0000]	mg/L	
V 292.402†	218236.0	1468.99	0.67%	[1.0000]	mg/L	
Zn 213.857†	94062.9	606.00	0.64%	[1.0000]	mg/L	

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	3	Lin, Calc Int	-83.2	268000	0.00000	0.999999	
Al 237.313	3	Lin, Calc Int	-97.5	7803	0.00000	0.999984	
As 188.979	3	Lin, Calc Int	-1.3	766.5	0.00000	0.999951	
B 182.528	3	Lin, Calc Int	-2.2	466.5	0.00000	0.999926	
Ba 233.527	3	Lin, Calc Int	-143.8	107500	0.00000	0.999993	
Be 313.107	3	Lin, Calc Int	-964.1	4359000	0.00000	0.999982	
Ca 315.886	3	Lin, Calc Int	-2982.9	174400	0.00000	0.999995	
Cd 228.802	3	Lin, Calc Int	-29.6	48780	0.00000	0.999998	
Co 228.616	3	Lin, Calc Int	0.8	44070	0.00000	0.999997	
Cr 267.716	3	Lin, Calc Int	-151.3	169100	0.00000	0.999996	
Cu 324.752	3	Lin, Calc Int	209.2	230900	0.00000	0.999998	
Fe 234.349	3	Lin, Calc Int	-213.6	51600	0.00000	0.999995	
Fe 238.204	3	Lin, Calc Int	-373.5	127700	0.00000	0.999997	
K 766.490	3	Lin, Calc Int	-1228.7	2152	0.00000	0.999700	
Li 670.784	3	Lin, Calc Int	-358.7	79000	0.00000	0.999905	
Mg 279.077	3	Lin, Calc Int	-24.2	24910	0.00000	0.999998	
Mn 257.610	3	Lin, Calc Int	1013.6	798400	0.00000	0.999984	
Mo 202.031	3	Lin, Calc Int	-9.1	15370	0.00000	0.999999	
Na 589.592	3	Lin, Calc Int	-273.0	6235	0.00000	0.999990	
Ni 231.604	3	Lin, Calc Int	32.1	55290	0.00000	0.999999	
P 214.914	3	Lin, Calc Int	-60.9	1560	0.00000	0.999951	
Pb 220.353	3	Lin, Calc Int	-2.5	10250	0.00000	1.000000	
Sb 206.836	3	Lin, Calc Int	-0.2	2134	0.00000	1.000000	

Se 196.026	3	Lin, Calc Int	-5.4	939.3	0.00000	0.999986
Sn 189.927	3	Lin, Calc Int	0.9	4516	0.00000	0.999997
Sr 407.771	3	Lin, Calc Int	2961.0	23930000	0.00000	0.999992
Ti 337.279	3	Lin, Calc Int	-894.1	865000	0.00000	0.999996
Tl 190.801	3	Lin, Calc Int	-21.7	1363	0.00000	0.998072
V 292.402	3	Lin, Calc Int	-379.4	218300	0.00000	0.999990
Zn 213.857	3	Lin, Calc Int	-138.4	94070	0.00000	0.999991

Sequence No.: 5
 Sample ID: STD2
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 3
 Date Collected: 8/3/2006 11:19:48 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: STD2

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	50908.0	51849.9	24.66 mg/L	24.66 mg/L	11:21:26
1	Li 670.784†	38761.4	39569.8	0.5054 mg/L	0.5054 mg/L	11:21:26
1	Na 589.592	158417.7	155830.4	25.04 mg/L	25.04 mg/L	11:21:26
1	Y 371.029	3608906.7	3608906.7	0.984 mg/L		11:21:42
1	Ag 328.068†	63774.3	67326.6	0.2520 mg/L	0.2520 mg/L	11:21:47
1	Al 237.313†	18921.2	19433.6	2.494 mg/L	2.494 mg/L	11:21:47
1	As 188.979†	383.6	382.2	0.4992 mg/L	0.4992 mg/L	11:22:07
1	B 182.528†	221.2	231.0	0.4998 mg/L	0.4998 mg/L	11:22:07
1	Ba 233.527†	52848.7	53801.0	0.5016 mg/L	0.5016 mg/L	11:21:47
1	Be 313.107†	211277.3	216857.1	0.0497 mg/L	0.0497 mg/L	11:21:47
1	Ca 315.886†	856692.1	867461.0	4.994 mg/L	4.994 mg/L	11:21:42
1	Cd 228.802†	12064.7	12113.1	0.2487 mg/L	0.2487 mg/L	11:22:07
1	Co 228.616†	21578.2	22134.9	0.5010 mg/L	0.5010 mg/L	11:21:47
1	Cr 267.716†	86520.0	84569.7	0.5007 mg/L	0.5007 mg/L	11:21:47
1	Cu 324.752†	115853.3	115725.3	0.5010 mg/L	0.5010 mg/L	11:21:47
1	Fe 234.349†	128614.7	129224.4	2.503 mg/L	2.503 mg/L	11:21:47
1	Fe 238.204†	315878.2	320216.6	2.512 mg/L	2.512 mg/L	11:21:47
1	Mg 279.077†	123570.1	125260.4	5.033 mg/L	5.033 mg/L	11:21:47
1	Mn 257.610†	394144.6	399321.2	0.4990 mg/L	0.4990 mg/L	11:21:42
1	Mo 202.031†	7535.4	7626.3	0.4967 mg/L	0.4967 mg/L	11:22:07
1	Ni 231.604†	27782.6	27923.2	0.5050 mg/L	0.5050 mg/L	11:21:47
1	P 214.914†	7606.3	7620.3	4.924 mg/L	4.924 mg/L	11:22:07
1	Pb 220.353†	4893.2	5112.5	0.5000 mg/L	0.5000 mg/L	11:22:07
1	Sb 206.836†	1089.0	1065.7	0.4889 mg/L	0.4889 mg/L	11:22:07
1	Se 196.026†	901.2	920.8	0.9860 mg/L	0.9860 mg/L	11:22:07
1	Sn 189.927†	2436.5	2231.6	0.4946 mg/L	0.4946 mg/L	11:22:07
1	Sr 407.771†	1188065.1	1204695.8	0.0502 mg/L	0.0502 mg/L	11:21:42
1	Ti 337.279†	420916.5	430043.1	0.4982 mg/L	0.4982 mg/L	11:21:42
1	Tl 190.801†	635.8	666.4	0.5073 mg/L	0.5073 mg/L	11:22:07
1	V 292.402†	105701.3	108797.1	0.5071 mg/L	0.5071 mg/L	11:21:47
1	Zn 213.857†	47072.8	47057.2	0.4992 mg/L	0.4992 mg/L	11:21:47
2	K 766.490†	50697.8	51630.2	24.56 mg/L	24.56 mg/L	11:21:32
2	Li 670.784†	38652.0	39453.9	0.5040 mg/L	0.5040 mg/L	11:21:32
2	Na 589.592	157513.8	154926.4	24.89 mg/L	24.89 mg/L	11:21:32
2	Y 371.029	3609333.4	3609333.4	0.984 mg/L		11:22:14
2	Ag 328.068†	63695.4	67238.8	0.2517 mg/L	0.2517 mg/L	11:22:20
2	Al 237.313†	18878.3	19387.7	2.488 mg/L	2.488 mg/L	11:22:20
2	As 188.979†	383.7	382.3	0.4993 mg/L	0.4993 mg/L	11:22:40
2	B 182.528†	226.3	236.1	0.5109 mg/L	0.5109 mg/L	11:22:40
2	Ba 233.527†	52786.2	53731.1	0.5009 mg/L	0.5009 mg/L	11:22:20
2	Be 313.107†	211214.3	216767.7	0.0496 mg/L	0.0496 mg/L	11:22:20
2	Ca 315.886†	857234.8	867909.7	4.997 mg/L	4.997 mg/L	11:22:14
2	Cd 228.802†	12104.3	12151.9	0.2495 mg/L	0.2495 mg/L	11:22:40
2	Co 228.616†	21616.9	22171.7	0.5019 mg/L	0.5019 mg/L	11:22:20
2	Cr 267.716†	86605.5	84646.1	0.5011 mg/L	0.5011 mg/L	11:22:20
2	Cu 324.752†	115592.7	115446.5	0.4998 mg/L	0.4998 mg/L	11:22:20
2	Fe 234.349†	128609.4	129203.7	2.503 mg/L	2.503 mg/L	11:22:20
2	Fe 238.204†	315576.5	319872.1	2.509 mg/L	2.509 mg/L	11:22:20
2	Mg 279.077†	123522.2	125196.9	5.030 mg/L	5.030 mg/L	11:22:20
2	Mn 257.610†	394491.3	399626.2	0.4994 mg/L	0.4994 mg/L	11:22:14
2	Mo 202.031†	7617.7	7709.0	0.5020 mg/L	0.5020 mg/L	11:22:40
2	Ni 231.604†	27726.8	27863.1	0.5040 mg/L	0.5040 mg/L	11:22:20
2	P 214.914†	7649.9	7663.7	4.952 mg/L	4.952 mg/L	11:22:40

2	Pb 220.353†	4908.9	5127.9	0.5015 mg/L	0.5015 mg/L	11:22:40
2	Sb 206.836†	1091.5	1068.1	0.4901 mg/L	0.4901 mg/L	11:22:40
2	Se 196.026†	913.1	932.8	0.9987 mg/L	0.9987 mg/L	11:22:40
2	Sn 189.927†	2428.4	2223.1	0.4927 mg/L	0.4927 mg/L	11:22:40
2	Sr 407.771†	1189138.9	1205644.2	0.0503 mg/L	0.0503 mg/L	11:22:14
2	Ti 337.279†	421525.7	430611.7	0.4988 mg/L	0.4988 mg/L	11:22:14
2	Tl 190.801†	652.9	683.7	0.5200 mg/L	0.5200 mg/L	11:22:40
2	V 292.402†	105569.2	108650.2	0.5065 mg/L	0.5065 mg/L	11:22:20
2	Zn 213.857†	47016.8	46994.6	0.4985 mg/L	0.4985 mg/L	11:22:20

Mean Data: STD2

Analyte	Mean Corrected Intensity	Conc. Units	Calib	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3609120.0	0.984 mg/L		0.0001			
Ag 328.068†	67282.7	0.2518 mg/L		0.00023	0.2518 mg/L	0.00023	0.01%
QC value within limits for Ag 328.068		Recovery = 100.73%					0.09%
Al 237.313†	19410.7	2.491 mg/L		0.0042	2.491 mg/L	0.0042	0.17%
QC value within limits for Al 237.313		Recovery = 99.65%					
As 188.979†	382.2	0.4992 mg/L		0.00007	0.4992 mg/L	0.00007	0.01%
QC value within limits for As 188.979		Recovery = 99.85%					
B 182.528†	233.6	0.5054 mg/L		0.00784	0.5054 mg/L	0.00784	1.55%
QC value within limits for B 182.528		Recovery = 101.07%					
Ba 233.527†	53766.1	0.5013 mg/L		0.00046	0.5013 mg/L	0.00046	0.09%
QC value within limits for Ba 233.527		Recovery = 100.25%					
Be 313.107†	216812.4	0.0496 mg/L		0.00001	0.0496 mg/L	0.00001	0.03%
QC value within limits for Be 313.107		Recovery = 99.28%					
Ca 315.886†	867685.3	4.995 mg/L		0.0018	4.995 mg/L	0.0018	0.04%
QC value within limits for Ca 315.886		Recovery = 99.91%					
Cd 228.802†	12132.5	0.2491 mg/L		0.00057	0.2491 mg/L	0.00057	0.23%
QC value within limits for Cd 228.802		Recovery = 99.64%					
Co 228.616†	22153.3	0.5015 mg/L		0.00059	0.5015 mg/L	0.00059	0.12%
QC value within limits for Co 228.616		Recovery = 100.29%					
Cr 267.716†	84607.9	0.5009 mg/L		0.00032	0.5009 mg/L	0.00032	0.06%
QC value within limits for Cr 267.716		Recovery = 100.18%					
Cu 324.752†	115585.9	0.5004 mg/L		0.00085	0.5004 mg/L	0.00085	0.17%
QC value within limits for Cu 324.752		Recovery = 100.07%					
Fe 234.349†	129214.1	2.503 mg/L		0.0003	2.503 mg/L	0.0003	0.01%
QC value within limits for Fe 234.349		Recovery = 100.11%					
Fe 238.204†	320044.3	2.510 mg/L		0.0019	2.510 mg/L	0.0019	0.08%
QC value within limits for Fe 238.204		Recovery = 100.41%					
K 766.490†	51740.0	24.61 mg/L		0.072	24.61 mg/L	0.072	0.29%
QC value within limits for K 766.490		Recovery = 98.44%					
Li 670.784†	39511.9	0.5047 mg/L		0.00104	0.5047 mg/L	0.00104	0.21%
QC value within limits for Li 670.784		Recovery = 100.94%					
Mg 279.077†	125228.6	5.032 mg/L		0.0018	5.032 mg/L	0.0018	0.04%
QC value within limits for Mg 279.077		Recovery = 100.63%					
Mn 257.610†	399473.7	0.4992 mg/L		0.00027	0.4992 mg/L	0.00027	0.05%
QC value within limits for Mn 257.610		Recovery = 99.84%					
Mo 202.031†	7667.7	0.4994 mg/L		0.00380	0.4994 mg/L	0.00380	0.76%
QC value within limits for Mo 202.031		Recovery = 99.87%					
Na 589.592	155378.4	24.96 mg/L		0.103	24.96 mg/L	0.103	0.41%
QC value within limits for Na 589.592		Recovery = 99.85%					
Ni 231.604†	27893.1	0.5045 mg/L		0.00077	0.5045 mg/L	0.00077	0.15%
QC value within limits for Ni 231.604		Recovery = 100.90%					
P 214.914†	7642.0	4.938 mg/L		0.0197	4.938 mg/L	0.0197	0.40%
QC value within limits for P 214.914		Recovery = 98.75%					
Pb 220.353†	5120.2	0.5007 mg/L		0.00107	0.5007 mg/L	0.00107	0.21%
QC value within limits for Pb 220.353		Recovery = 100.14%					
Sb 206.836†	1066.9	0.4895 mg/L		0.00078	0.4895 mg/L	0.00078	0.16%
QC value within limits for Sb 206.836		Recovery = 97.90%					
Se 196.026†	926.8	0.9924 mg/L		0.00902	0.9924 mg/L	0.00902	0.91%
QC value within limits for Se 196.026		Recovery = 99.24%					
Sn 189.927†	2227.3	0.4936 mg/L		0.00134	0.4936 mg/L	0.00134	0.27%
QC value within limits for Sn 189.927		Recovery = 98.72%					
Sr 407.771†	1205170.0	0.0502 mg/L		0.00003	0.0502 mg/L	0.00003	0.06%
QC value within limits for Sr 407.771		Recovery = 100.49%					
Ti 337.279†	430327.4	0.4985 mg/L		0.00046	0.4985 mg/L	0.00046	0.09%
QC value within limits for Ti 337.279		Recovery = 99.70%					
Tl 190.801†	675.0	0.5137 mg/L		0.00897	0.5137 mg/L	0.00897	1.75%
QC value within limits for Tl 190.801		Recovery = 102.73%					
V 292.402†	108723.6	0.5068 mg/L		0.00041	0.5068 mg/L	0.00041	0.08%

QC value within limits for V 292.402 Recovery = 101.37%
 Zn 213.857† 47025.9 0.4989 mg/L 0.00047 0.4989 mg/L 0.00047 0.09%
 QC value within limits for Zn 213.857 Recovery = 99.77%
 All analyte(s) passed QC.

Sequence No.: 6

Autosampler Location: 5

Sample ID: ICV

Date Collected: 8/3/2006 11:24:18 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Replicate Data: ICV

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	49479.0	50200.0	23.89 mg/L	23.89 mg/L	11:25:57
1	Li 670.784†	36722.9	37351.4	0.4773 mg/L	0.4773 mg/L	11:25:57
1	Na 589.592	155826.9	153239.5	24.62 mg/L	24.62 mg/L	11:25:57
1	Y 371.029	3623144.9	3623144.9	0.988 mg/L		11:26:12
1	Ag 328.068†	63686.2	66982.7	0.2507 mg/L	0.2507 mg/L	11:26:18
1	Al 237.313†	18641.4	19074.8	2.448 mg/L	2.448 mg/L	11:26:18
1	As 188.979†	366.8	363.7	0.4752 mg/L	0.4752 mg/L	11:26:38
1	B 182.528†	222.6	231.5	0.5009 mg/L	0.5009 mg/L	11:26:38
1	Ba 233.527†	51681.6	52408.5	0.4886 mg/L	0.4886 mg/L	11:26:18
1	Be 313.107†	212391.9	217141.7	0.0499 mg/L	0.0499 mg/L	11:26:18
1	Ca 315.886†	857651.3	865010.6	4.980 mg/L	4.980 mg/L	11:26:12
1	Cd 228.802†	12065.9	12066.2	0.2478 mg/L	0.2478 mg/L	11:26:38
1	Co 228.616†	21261.7	21728.3	0.4922 mg/L	0.4922 mg/L	11:26:18
1	Cr 267.716†	86250.6	83951.4	0.4970 mg/L	0.4970 mg/L	11:26:18
1	Cu 324.752†	114860.9	114258.0	0.4945 mg/L	0.4945 mg/L	11:26:18
1	Fe 234.349†	128926.4	129026.3	2.499 mg/L	2.499 mg/L	11:26:18
1	Fe 238.204†	316474.1	319558.3	2.506 mg/L	2.506 mg/L	11:26:18
1	Mg 279.077†	120993.9	122158.9	4.908 mg/L	4.908 mg/L	11:26:18
1	Mn 257.610†	397770.1	401417.2	0.5016 mg/L	0.5016 mg/L	11:26:18
1	Mo 202.031†	7438.2	7497.8	0.4883 mg/L	0.4883 mg/L	11:26:38
1	Ni 231.604†	27616.7	27644.3	0.5000 mg/L	0.5000 mg/L	11:26:18
1	P 214.914†	7314.5	7294.5	4.715 mg/L	4.715 mg/L	11:26:38
1	Pb 220.353†	4799.2	4997.9	0.4888 mg/L	0.4888 mg/L	11:26:38
1	Sb 206.836†	1042.5	1014.3	0.4652 mg/L	0.4652 mg/L	11:26:38
1	Se 196.026†	900.5	916.5	0.9814 mg/L	0.9814 mg/L	11:26:38
1	Sn 189.927†	2408.3	2193.3	0.4859 mg/L	0.4859 mg/L	11:26:38
1	Sr 407.771†	1179657.1	1191439.4	0.0497 mg/L	0.0497 mg/L	11:26:12
1	Ti 337.279†	262194.2	267685.6	0.3105 mg/L	0.3105 mg/L	11:26:18
1	Tl 190.801†	626.1	654.0	0.4987 mg/L	0.4987 mg/L	11:26:38
1	V 292.402†	104278.5	106934.5	0.4987 mg/L	0.4987 mg/L	11:26:18
1	Zn 213.857†	46883.8	46677.9	0.4951 mg/L	0.4951 mg/L	11:26:18
2	K 766.490†	50424.6	51501.5	24.50 mg/L	24.50 mg/L	11:26:03
2	Li 670.784†	37481.1	38374.8	0.4903 mg/L	0.4903 mg/L	11:26:03
2	Na 589.592	158556.8	155969.4	25.06 mg/L	25.06 mg/L	11:26:03
2	Y 371.029	3598867.6	3598867.6	0.981 mg/L		11:26:44
2	Ag 328.068†	62998.4	66716.6	0.2497 mg/L	0.2497 mg/L	11:26:49
2	Al 237.313†	18458.4	19015.5	2.440 mg/L	2.440 mg/L	11:26:49
2	As 188.979†	364.6	364.0	0.4756 mg/L	0.4756 mg/L	11:27:10
2	B 182.528†	218.2	228.5	0.4946 mg/L	0.4946 mg/L	11:27:10
2	Ba 233.527†	51099.4	52168.0	0.4864 mg/L	0.4864 mg/L	11:26:49
2	Be 313.107†	210138.6	216295.6	0.0497 mg/L	0.0497 mg/L	11:26:49
2	Ca 315.886†	850939.2	864026.8	4.974 mg/L	4.974 mg/L	11:26:44
2	Cd 228.802†	12045.6	12127.9	0.2491 mg/L	0.2491 mg/L	11:27:10
2	Co 228.616†	21010.3	21617.3	0.4897 mg/L	0.4897 mg/L	11:26:49
2	Cr 267.716†	85287.2	83558.6	0.4947 mg/L	0.4947 mg/L	11:26:49
2	Cu 324.752†	113678.1	113836.9	0.4926 mg/L	0.4926 mg/L	11:26:49
2	Fe 234.349†	127492.1	128445.0	2.488 mg/L	2.488 mg/L	11:26:49
2	Fe 238.204†	312894.8	318071.7	2.495 mg/L	2.495 mg/L	11:26:49
2	Mg 279.077†	119426.5	121387.7	4.878 mg/L	4.878 mg/L	11:26:49
2	Mn 257.610†	393445.0	399725.7	0.4995 mg/L	0.4995 mg/L	11:26:49
2	Mo 202.031†	7480.3	7591.5	0.4944 mg/L	0.4944 mg/L	11:27:10
2	Ni 231.604†	27370.3	27581.8	0.4989 mg/L	0.4989 mg/L	11:26:49
2	P 214.914†	7299.4	7329.0	4.737 mg/L	4.737 mg/L	11:27:10
2	Pb 220.353†	4818.2	5050.0	0.4938 mg/L	0.4938 mg/L	11:27:10
2	Sb 206.836†	1034.3	1013.1	0.4646 mg/L	0.4646 mg/L	11:27:10
2	Se 196.026†	901.5	923.6	0.9890 mg/L	0.9890 mg/L	11:27:10

2	Sn 189.927†	2408.8	2210.3	0.4896 mg/L	0.4896 mg/L	11:27:10
2	Sr 407.771†	1172433.7	1192133.4	0.0497 mg/L	0.0497 mg/L	11:26:44
2	Ti 337.279†	258571.4	265783.9	0.3083 mg/L	0.3083 mg/L	11:26:49
2	Tl 190.801†	637.9	670.3	0.5107 mg/L	0.5107 mg/L	11:27:10
2	V 292.402†	103015.9	106359.9	0.4962 mg/L	0.4962 mg/L	11:26:49
2	Zn 213.857†	46418.0	46523.4	0.4935 mg/L	0.4935 mg/L	11:26:49

Mean Data: ICV

Analyte	Mean Corrected Intensity	Conc. Units	Calib	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3611006.2	0.985 mg/L		0.0047			0.48%
Ag 328.068†	66849.7	0.2502 mg/L		0.00070	0.2502 mg/L	0.00070	0.28%
	QC value within limits for Ag 328.068 Recovery = 100.08%						
Al 237.313†	19045.2	2.444 mg/L		0.0053	2.444 mg/L	0.0053	0.22%
	QC value within limits for Al 237.313 Recovery = 97.77%						
As 188.979†	363.8	0.4754 mg/L		0.00031	0.4754 mg/L	0.00031	0.07%
	QC value within limits for As 188.979 Recovery = 95.08%						
B 182.528†	230.0	0.4977 mg/L		0.00449	0.4977 mg/L	0.00449	0.90%
	QC value within limits for B 182.528 Recovery = 99.55%						
Ba 233.527†	52288.3	0.4875 mg/L		0.00158	0.4875 mg/L	0.00158	0.32%
	QC value within limits for Ba 233.527 Recovery = 97.51%						
Be 313.107†	216718.7	0.0498 mg/L		0.00014	0.0498 mg/L	0.00014	0.27%
	QC value within limits for Be 313.107 Recovery = 99.57%						
Ca 315.886†	864518.7	4.977 mg/L		0.0040	4.977 mg/L	0.0040	0.08%
	QC value within limits for Ca 315.886 Recovery = 99.55%						
Cd 228.802†	12097.0	0.2484 mg/L		0.00088	0.2484 mg/L	0.00088	0.36%
	QC value within limits for Cd 228.802 Recovery = 99.38%						
Co 228.616†	21672.8	0.4910 mg/L		0.00178	0.4910 mg/L	0.00178	0.36%
	QC value within limits for Co 228.616 Recovery = 98.19%						
Cr 267.716†	83755.0	0.4959 mg/L		0.00164	0.4959 mg/L	0.00164	0.33%
	QC value within limits for Cr 267.716 Recovery = 99.17%						
Cu 324.752†	114047.4	0.4935 mg/L		0.00129	0.4935 mg/L	0.00129	0.26%
	QC value within limits for Cu 324.752 Recovery = 98.71%						
Fe 234.349†	128735.7	2.494 mg/L		0.0080	2.494 mg/L	0.0080	0.32%
	QC value within limits for Fe 234.349 Recovery = 99.74%						
Fe 238.204†	318815.0	2.501 mg/L		0.0082	2.501 mg/L	0.0082	0.33%
	QC value within limits for Fe 238.204 Recovery = 100.03%						
K 766.490†	50850.7	24.20 mg/L		0.428	24.20 mg/L	0.428	1.77%
	QC value within limits for K 766.490 Recovery = 96.79%						
Li 670.784†	37863.1	0.4838 mg/L		0.00916	0.4838 mg/L	0.00916	1.89%
	QC value within limits for Li 670.784 Recovery = 96.76%						
Mg 279.077†	121773.3	4.893 mg/L		0.0219	4.893 mg/L	0.0219	0.45%
	QC value within limits for Mg 279.077 Recovery = 97.86%						
Mn 257.610†	400571.4	0.5006 mg/L		0.00150	0.5006 mg/L	0.00150	0.30%
	QC value within limits for Mn 257.610 Recovery = 100.11%						
Mo 202.031†	7544.7	0.4914 mg/L		0.00431	0.4914 mg/L	0.00431	0.88%
	QC value within limits for Mo 202.031 Recovery = 98.27%						
Na 589.592	154604.5	24.84 mg/L		0.310	24.84 mg/L	0.310	1.25%
	QC value within limits for Na 589.592 Recovery = 99.36%						
Ni 231.604†	27613.0	0.4994 mg/L		0.00080	0.4994 mg/L	0.00080	0.16%
	QC value within limits for Ni 231.604 Recovery = 99.89%						
P 214.914†	7311.7	4.726 mg/L		0.0157	4.726 mg/L	0.0157	0.33%
	QC value within limits for P 214.914 Recovery = 94.52%						
Pb 220.353†	5023.9	0.4913 mg/L		0.00360	0.4913 mg/L	0.00360	0.73%
	QC value within limits for Pb 220.353 Recovery = 98.26%						
Sb 206.836†	1013.7	0.4649 mg/L		0.00040	0.4649 mg/L	0.00040	0.09%
	QC value within limits for Sb 206.836 Recovery = 92.97%						
Se 196.026†	920.0	0.9852 mg/L		0.00539	0.9852 mg/L	0.00539	0.55%
	QC value within limits for Se 196.026 Recovery = 98.52%						
Sn 189.927†	2201.8	0.4878 mg/L		0.00266	0.4878 mg/L	0.00266	0.54%
	QC value within limits for Sn 189.927 Recovery = 97.55%						
Sr 407.771†	1191786.4	0.0497 mg/L		0.00002	0.0497 mg/L	0.00002	0.04%
	QC value within limits for Sr 407.771 Recovery = 99.37%						
Ti 337.279†	266734.7	0.3094 mg/L		0.00155	0.3094 mg/L	0.00155	0.50%
	QC value less than the lower limit for Ti 337.279 Recovery = 61.88%						
Tl 190.801†	662.2	0.5047 mg/L		0.00844	0.5047 mg/L	0.00844	1.67%
	QC value within limits for Tl 190.801 Recovery = 100.94%						
V 292.402†	106647.2	0.4974 mg/L		0.00178	0.4974 mg/L	0.00178	0.36%
	QC value within limits for V 292.402 Recovery = 99.49%						
Zn 213.857†	46600.6	0.4943 mg/L		0.00116	0.4943 mg/L	0.00116	0.23%
	QC value within limits for Zn 213.857 Recovery = 98.86%						

QC Failed. Continue with analysis.

Sequence No.: 7
 Sample ID: ICCB
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 1
 Date Collected: 8/3/2006 11:28:49 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: ICCB

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	-60.5	51.8	0.5949 mg/L	0.5949 mg/L	11:30:22
1	Li 670.784†	-133.1	44.3	0.0051 mg/L	0.0051 mg/L	11:30:22
1	Na 589.592	2836.6	249.2	0.0838 mg/L	0.0838 mg/L	11:30:22
1	Y 371.029	3698355.5	3698355.5	1.01 mg/L		11:30:35
1	Ag 328.068†	-2361.7	170.2	0.0009 mg/L	0.0009 mg/L	11:30:41
1	Al 237.313†	-203.7	1.9	0.0127 mg/L	0.0127 mg/L	11:31:01
1	As 188.979†	10.1	2.4	0.0048 mg/L	0.0048 mg/L	11:31:01
1	B 182.528†	-4.2	2.0	0.0090 mg/L	0.0090 mg/L	11:31:01
1	Ba 233.527†	-94.0	-2.7	0.0013 mg/L	0.0013 mg/L	11:31:01
1	Be 313.107†	-2152.2	0.4	0.0002 mg/L	0.0002 mg/L	11:30:41
1	Ca 315.886†	3124.4	-101.8	0.0165 mg/L	0.0165 mg/L	11:30:41
1	Cd 228.802†	147.9	-1.6	0.0005 mg/L	0.0005 mg/L	11:31:01
1	Co 228.616†	-196.5	10.0	0.0002 mg/L	0.0002 mg/L	11:31:01
1	Cr 267.716†	3390.7	1.5	0.0009 mg/L	0.0009 mg/L	11:30:41
1	Cu 324.752†	1969.3	-64.1	-0.0012 mg/L	-0.0012 mg/L	11:30:41
1	Fe 234.349†	1543.9	43.7	0.0050 mg/L	0.0050 mg/L	11:31:01
1	Fe 238.204†	959.8	139.5	0.0040 mg/L	0.0040 mg/L	11:31:01
1	Mg 279.077†	341.5	13.9	0.0015 mg/L	0.0015 mg/L	11:30:41
1	Mn 257.610†	641.2	-614.5	-0.0020 mg/L	-0.0020 mg/L	11:30:41
1	Mo 202.031†	59.8	27.3	0.0024 mg/L	0.0024 mg/L	11:31:01
1	Ni 231.604†	332.1	16.9	-0.0003 mg/L	-0.0003 mg/L	11:31:01
1	P 214.914†	106.1	-4.8	0.0360 mg/L	0.0360 mg/L	11:31:01
1	Pb 220.353†	-126.5	14.1	0.0016 mg/L	0.0016 mg/L	11:31:01
1	Sb 206.836†	54.6	13.1	0.0062 mg/L	0.0062 mg/L	11:31:01
1	Se 196.026†	-7.1	-2.2	0.0034 mg/L	0.0034 mg/L	11:31:01
1	Sn 189.927†	169.6	-76.4	-0.0171 mg/L	-0.0171 mg/L	11:31:01
1	Sr 407.771†	2942.8	176.4	-0.0001 mg/L	-0.0001 mg/L	11:30:35
1	Ti 337.279†	-2327.7	-45.3	0.0010 mg/L	0.0010 mg/L	11:30:41
1	Tl 190.801†	37.3	57.2	0.0579 mg/L	0.0579 mg/L	11:31:01
1	V 292.402†	-1311.3	71.7	0.0021 mg/L	0.0021 mg/L	11:30:41
1	Zn 213.857†	813.5	23.6	0.0017 mg/L	0.0017 mg/L	11:31:01
2	K 766.490†	-38.4	73.8	0.6052 mg/L	0.6052 mg/L	11:30:27
2	Li 670.784†	-156.3	21.5	0.0048 mg/L	0.0048 mg/L	11:30:27
2	Na 589.592	2864.2	276.8	0.0882 mg/L	0.0882 mg/L	11:30:27
2	Y 371.029	3703177.7	3703177.7	1.01 mg/L		11:31:07
2	Ag 328.068†	-2434.5	101.2	0.0007 mg/L	0.0007 mg/L	11:31:12
2	Al 237.313†	-170.8	34.7	0.0169 mg/L	0.0169 mg/L	11:31:32
2	As 188.979†	6.5	-1.2	0.0001 mg/L	0.0001 mg/L	11:31:32
2	B 182.528†	-4.9	1.4	0.0076 mg/L	0.0076 mg/L	11:31:32
2	Ba 233.527†	-95.3	-3.8	0.0013 mg/L	0.0013 mg/L	11:31:32
2	Be 313.107†	-2128.8	26.3	0.0002 mg/L	0.0002 mg/L	11:31:12
2	Ca 315.886†	3104.7	-125.4	0.0164 mg/L	0.0164 mg/L	11:31:12
2	Cd 228.802†	152.4	2.7	0.0007 mg/L	0.0007 mg/L	11:31:32
2	Co 228.616†	-166.9	39.6	0.0009 mg/L	0.0009 mg/L	11:31:32
2	Cr 267.716†	3371.0	-22.4	0.0008 mg/L	0.0008 mg/L	11:31:12
2	Cu 324.752†	1993.6	-42.6	-0.0011 mg/L	-0.0011 mg/L	11:31:12
2	Fe 234.349†	1550.8	48.5	0.0051 mg/L	0.0051 mg/L	11:31:32
2	Fe 238.204†	915.7	94.6	0.0037 mg/L	0.0037 mg/L	11:31:32
2	Mg 279.077†	327.5	-0.3	0.0009 mg/L	0.0009 mg/L	11:31:12
2	Mn 257.610†	655.3	-601.3	-0.0020 mg/L	-0.0020 mg/L	11:31:12
2	Mo 202.031†	74.6	42.0	0.0033 mg/L	0.0033 mg/L	11:31:32
2	Ni 231.604†	320.5	5.0	-0.0005 mg/L	-0.0005 mg/L	11:31:32
2	P 214.914†	101.0	-10.0	0.0327 mg/L	0.0327 mg/L	11:31:32
2	Pb 220.353†	-138.3	2.6	0.0005 mg/L	0.0005 mg/L	11:31:32
2	Sb 206.836†	44.1	2.6	0.0013 mg/L	0.0013 mg/L	11:31:32
2	Se 196.026†	-1.9	3.0	0.0089 mg/L	0.0089 mg/L	11:31:32
2	Sn 189.927†	179.8	-66.5	-0.0149 mg/L	-0.0149 mg/L	11:31:32
2	Sr 407.771†	2853.8	84.5	-0.0001 mg/L	-0.0001 mg/L	11:31:07
2	Ti 337.279†	-2298.0	-12.9	0.0010 mg/L	0.0010 mg/L	11:31:12

2	Tl 190.801†	32.2	52.1	0.0541 mg/L	0.0541 mg/L	11:31:32
2	V 292.402†	-1387.8	-2.3	0.0018 mg/L	0.0018 mg/L	11:31:12
2	Zn 213.857†	798.7	7.9	0.0016 mg/L	0.0016 mg/L	11:31:32

Mean Data: ICCB

Analyte	Mean Corrected Intensity	Conc. Units	Calib	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3700766.6	1.01 mg/L		0.001			0.09%
Ag 328.068†	135.7	0.0008 mg/L		0.00018	0.0008 mg/L	0.00018	22.21%
QC value within limits for Ag 328.068 Recovery = Not calculated							
Al 237.313†	18.3	0.0148 mg/L		0.00297	0.0148 mg/L	0.00297	20.06%
QC value within limits for Al 237.313 Recovery = Not calculated							
As 188.979†	0.6	0.0024 mg/L		0.00335	0.0024 mg/L	0.00335	137.57%
QC value within limits for As 188.979 Recovery = Not calculated							
B 182.528†	1.7	0.0083 mg/L		0.00101	0.0083 mg/L	0.00101	12.20%
QC value within limits for B 182.528 Recovery = Not calculated							
Ba 233.527†	-3.3	0.0013 mg/L		0.00001	0.0013 mg/L	0.00001	0.52%
QC value within limits for Ba 233.527 Recovery = Not calculated							
Be 313.107†	13.4	0.0002 mg/L		0.00000	0.0002 mg/L	0.00000	1.86%
QC value within limits for Be 313.107 Recovery = Not calculated							
Ca 315.886†	-113.6	0.0165 mg/L		0.00010	0.0165 mg/L	0.00010	0.59%
QC value within limits for Ca 315.886 Recovery = Not calculated							
Cd 228.802†	0.5	0.0006 mg/L		0.00008	0.0006 mg/L	0.00008	13.87%
QC value within limits for Cd 228.802 Recovery = Not calculated							
Co 228.616†	24.8	0.0005 mg/L		0.00048	0.0005 mg/L	0.00048	87.68%
QC value within limits for Co 228.616 Recovery = Not calculated							
Cr 267.716†	-10.4	0.0008 mg/L		0.00010	0.0008 mg/L	0.00010	11.99%
QC value within limits for Cr 267.716 Recovery = Not calculated							
Cu 324.752†	-53.3	-0.0011 mg/L		0.00007	-0.0011 mg/L	0.00007	5.78%
QC value within limits for Cu 324.752 Recovery = Not calculated							
Fe 234.349†	46.1	0.0050 mg/L		0.00007	0.0050 mg/L	0.00007	1.34%
QC value within limits for Fe 234.349 Recovery = Not calculated							
Fe 238.204†	117.1	0.0038 mg/L		0.00025	0.0038 mg/L	0.00025	6.48%
QC value within limits for Fe 238.204 Recovery = Not calculated							
K 766.490†	62.8	0.6000 mg/L		0.00722	0.6000 mg/L	0.00722	1.20%
QC value greater than the upper limit for K 766.490 Recovery = Not calculated							
Li 670.784†	32.9	0.0050 mg/L		0.00020	0.0050 mg/L	0.00020	4.11%
QC value within limits for Li 670.784 Recovery = Not calculated							
Mg 279.077†	6.8	0.0012 mg/L		0.00041	0.0012 mg/L	0.00041	33.13%
QC value within limits for Mg 279.077 Recovery = Not calculated							
Mn 257.610†	-607.9	-0.0020 mg/L		0.00001	-0.0020 mg/L	0.00001	0.57%
QC value within limits for Mn 257.610 Recovery = Not calculated							
Mo 202.031†	34.7	0.0028 mg/L		0.00067	0.0028 mg/L	0.00067	23.67%
QC value within limits for Mo 202.031 Recovery = Not calculated							
Na 589.592	263.0	0.0860 mg/L		0.00312	0.0860 mg/L	0.00312	3.63%
QC value within limits for Na 589.592 Recovery = Not calculated							
Ni 231.604†	10.9	-0.0004 mg/L		0.00015	-0.0004 mg/L	0.00015	40.11%
QC value within limits for Ni 231.604 Recovery = Not calculated							
P 214.914†	-7.4	0.0343 mg/L		0.00236	0.0343 mg/L	0.00236	6.89%
QC value within limits for P 214.914 Recovery = Not calculated							
Pb 220.353†	8.3	0.0011 mg/L		0.00079	0.0011 mg/L	0.00079	74.74%
QC value within limits for Pb 220.353 Recovery = Not calculated							
Sb 206.836†	7.8	0.0038 mg/L		0.00346	0.0038 mg/L	0.00346	92.21%
QC value within limits for Sb 206.836 Recovery = Not calculated							
Se 196.026†	0.4	0.0062 mg/L		0.00387	0.0062 mg/L	0.00387	62.84%
QC value within limits for Se 196.026 Recovery = Not calculated							
Sn 189.927†	-71.5	-0.0160 mg/L		0.00155	-0.0160 mg/L	0.00155	9.67%
QC value within limits for Sn 189.927 Recovery = Not calculated							
Sr 407.771†	130.5	-0.0001 mg/L		0.00000	-0.0001 mg/L	0.00000	2.30%
QC value within limits for Sr 407.771 Recovery = Not calculated							
Ti 337.279†	-29.1	0.0010 mg/L		0.00003	0.0010 mg/L	0.00003	2.65%
QC value within limits for Ti 337.279 Recovery = Not calculated							
Tl 190.801†	54.7	0.0560 mg/L		0.00266	0.0560 mg/L	0.00266	4.76%
QC value greater than the upper limit for Tl 190.801 Recovery = Not calculated							
V 292.402†	34.7	0.0019 mg/L		0.00023	0.0019 mg/L	0.00023	11.76%
QC value within limits for V 292.402 Recovery = Not calculated							
Zn 213.857†	15.7	0.0016 mg/L		0.00012	0.0016 mg/L	0.00012	7.15%
QC value within limits for Zn 213.857 Recovery = Not calculated							
QC Failed. Continue with analysis.							

Sequence No.: 8
 Sample ID: CRI1
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 6
 Date Collected: 8/3/2006 11:33:09 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

 Replicate Data: CRI1

Repl#	Analyte	Net		Corrected		Calib.		Sample		Analysis Time
		Intensity		Intensity		Conc. Units		Conc. Units		
1	K 766.490†	4715.6		4868.2		2.833 mg/L		2.833 mg/L		11:34:45
1	Li 670.784†	3631.3		3839.0		0.0531 mg/L		0.0531 mg/L		11:34:45
1	Na 589.592	18419.2		15831.8		2.583 mg/L		2.583 mg/L		11:34:45
1	Y 371.029	3636258.6		3636258.6		0.991 mg/L				11:34:58
1	Ag 328.068†	4357.2		6907.3		0.0261 mg/L		0.0261 mg/L		11:35:04
1	Al 237.313†	1837.7		2057.5		0.2752 mg/L		0.2752 mg/L		11:35:04
1	As 188.979†	44.8		37.6		0.0506 mg/L		0.0506 mg/L		11:35:24
1	B 182.528†	19.3		25.6		0.0596 mg/L		0.0596 mg/L		11:35:24
1	Ba 233.527†	5423.0		5560.5		0.0530 mg/L		0.0530 mg/L		11:35:04
1	Be 313.107†	19837.2		22143.8		0.0053 mg/L		0.0053 mg/L		11:35:04
1	Ca 315.886†	93309.8		90917.6		0.5388 mg/L		0.5388 mg/L		11:35:04
1	Cd 228.802†	1365.1		1228.6		0.0258 mg/L		0.0258 mg/L		11:35:24
1	Co 228.616†	2109.5		2332.6		0.0528 mg/L		0.0528 mg/L		11:35:24
1	Cr 267.716†	11959.8		8702.3		0.0523 mg/L		0.0523 mg/L		11:35:04
1	Cu 324.752†	13760.7		11862.7		0.0505 mg/L		0.0505 mg/L		11:35:04
1	Fe 234.349†	14735.1		13375.3		0.2628 mg/L		0.2628 mg/L		11:35:04
1	Fe 238.204†	33692.8		33172.3		0.2628 mg/L		0.2628 mg/L		11:35:04
1	Mg 279.077†	13262.9		13053.0		0.5253 mg/L		0.5253 mg/L		11:35:04
1	Mn 257.610†	42426.3		41543.4		0.0508 mg/L		0.0508 mg/L		11:35:04
1	Mo 202.031†	814.7		789.9		0.0520 mg/L		0.0520 mg/L		11:35:24
1	Ni 231.604†	3229.4		2944.9		0.0527 mg/L		0.0527 mg/L		11:35:04
1	P 214.914†	870.4		767.9		0.5313 mg/L		0.5313 mg/L		11:35:24
1	Pb 220.353†	390.1		533.0		0.0523 mg/L		0.0523 mg/L		11:35:24
1	Sb 206.836†	151.3		111.5		0.0513 mg/L		0.0513 mg/L		11:35:24
1	Se 196.026†	85.5		91.1		0.1027 mg/L		0.1027 mg/L		11:35:24
1	Sn 189.927†	388.7		147.4		0.0325 mg/L		0.0325 mg/L		11:35:24
1	Sr 407.771†	127045.3		125403.6		0.0051 mg/L		0.0051 mg/L		11:34:58
1	Ti 337.279†	41652.2		44276.2		0.0522 mg/L		0.0522 mg/L		11:35:04
1	Tl 190.801†	57.5		78.3		0.0736 mg/L		0.0736 mg/L		11:35:24
1	V 292.402†	9616.8		11072.3		0.0532 mg/L		0.0532 mg/L		11:35:04
1	Zn 213.857†	5651.1		4916.8		0.0535 mg/L		0.0535 mg/L		11:35:24
2	K 766.490†	4643.0		4817.6		2.809 mg/L		2.809 mg/L		11:34:50
2	Li 670.784†	3679.4		3905.5		0.0540 mg/L		0.0540 mg/L		11:34:50
2	Na 589.592	18304.2		15716.8		2.564 mg/L		2.564 mg/L		11:34:50
2	Y 371.029	3618800.0		3618800.0		0.987 mg/L				11:35:30
2	Ag 328.068†	4485.6		7058.7		0.0267 mg/L		0.0267 mg/L		11:35:35
2	Al 237.313†	1717.2		1944.2		0.2607 mg/L		0.2607 mg/L		11:35:35
2	As 188.979†	46.8		39.8		0.0535 mg/L		0.0535 mg/L		11:35:55
2	B 182.528†	16.0		22.4		0.0527 mg/L		0.0527 mg/L		11:35:55
2	Ba 233.527†	5381.8		5545.1		0.0529 mg/L		0.0529 mg/L		11:35:35
2	Be 313.107†	19759.8		22161.9		0.0053 mg/L		0.0053 mg/L		11:35:35
2	Ca 315.886†	92602.8		90655.2		0.5372 mg/L		0.5372 mg/L		11:35:35
2	Cd 228.802†	1374.3		1244.6		0.0261 mg/L		0.0261 mg/L		11:35:55
2	Co 228.616†	2099.3		2332.6		0.0528 mg/L		0.0528 mg/L		11:35:55
2	Cr 267.716†	11913.5		8713.5		0.0524 mg/L		0.0524 mg/L		11:35:35
2	Cu 324.752†	13641.4		11808.8		0.0503 mg/L		0.0503 mg/L		11:35:35
2	Fe 234.349†	14689.0		13400.3		0.2633 mg/L		0.2633 mg/L		11:35:35
2	Fe 238.204†	33411.4		33051.0		0.2619 mg/L		0.2619 mg/L		11:35:35
2	Mg 279.077†	13157.2		13010.5		0.5236 mg/L		0.5236 mg/L		11:35:35
2	Mn 257.610†	42218.0		41538.8		0.0508 mg/L		0.0508 mg/L		11:35:35
2	Mo 202.031†	817.4		796.6		0.0524 mg/L		0.0524 mg/L		11:35:55
2	Ni 231.604†	3168.0		2898.4		0.0519 mg/L		0.0519 mg/L		11:35:35
2	P 214.914†	872.0		773.8		0.5351 mg/L		0.5351 mg/L		11:35:55
2	Pb 220.353†	390.2		535.1		0.0525 mg/L		0.0525 mg/L		11:35:55
2	Sb 206.836†	142.5		103.4		0.0474 mg/L		0.0474 mg/L		11:35:55
2	Se 196.026†	88.6		94.7		0.1066 mg/L		0.1066 mg/L		11:35:55
2	Sn 189.927†	376.9		137.4		0.0303 mg/L		0.0303 mg/L		11:35:55
2	Sr 407.771†	126750.0		125722.6		0.0051 mg/L		0.0051 mg/L		11:35:30
2	Ti 337.279†	41404.1		44227.3		0.0522 mg/L		0.0522 mg/L		11:35:35
2	Tl 190.801†	68.0		89.2		0.0816 mg/L		0.0816 mg/L		11:35:55
2	V 292.402†	9582.2		11084.0		0.0533 mg/L		0.0533 mg/L		11:35:35
2	Zn 213.857†	5644.2		4937.4		0.0537 mg/L		0.0537 mg/L		11:35:55

Mean Data: CRI1

Analyte	Mean Corrected		Calib Conc. Units	Std.Dev.	Sample		RSD
	Intensity				Conc. Units	Std.Dev.	
Y 371.029	3627529.3		0.989 mg/L	0.0034			0.34%
Ag 328.068†	6983.0		0.0264 mg/L	0.00040	0.0264 mg/L	0.00040	1.51%
	QC value within limits for Ag 328.068		Recovery = 105.66%				
Al 237.313†	2000.9		0.2680 mg/L	0.01026	0.2680 mg/L	0.01026	3.83%
	QC value within limits for Al 237.313		Recovery = 107.19%				
As 188.979†	38.7		0.0520 mg/L	0.00204	0.0520 mg/L	0.00204	3.92%
	QC value within limits for As 188.979		Recovery = 104.07%				
B 182.528†	24.0		0.0561 mg/L	0.00487	0.0561 mg/L	0.00487	8.67%
	QC value within limits for B 182.528		Recovery = 112.28%				
Ba 233.527†	5552.8		0.0530 mg/L	0.00010	0.0530 mg/L	0.00010	0.19%
	QC value within limits for Ba 233.527		Recovery = 105.94%				
Be 313.107†	22152.8		0.0053 mg/L	0.00000	0.0053 mg/L	0.00000	0.06%
	QC value within limits for Be 313.107		Recovery = 105.40%				
Ca 315.886†	90786.4		0.5380 mg/L	0.00106	0.5380 mg/L	0.00106	0.20%
	QC value within limits for Ca 315.886		Recovery = 107.60%				
Cd 228.802†	1236.6		0.0259 mg/L	0.00022	0.0259 mg/L	0.00022	0.85%
	QC value within limits for Cd 228.802		Recovery = 103.75%				
Co 228.616†	2332.6		0.0528 mg/L	0.00000	0.0528 mg/L	0.00000	0.00%
	QC value within limits for Co 228.616		Recovery = 105.57%				
Cr 267.716†	8707.9		0.0524 mg/L	0.00005	0.0524 mg/L	0.00005	0.09%
	QC value within limits for Cr 267.716		Recovery = 104.71%				
Cu 324.752†	11835.8		0.0504 mg/L	0.00017	0.0504 mg/L	0.00017	0.33%
	QC value within limits for Cu 324.752		Recovery = 100.85%				
Fe 234.349†	13387.8		0.2630 mg/L	0.00035	0.2630 mg/L	0.00035	0.13%
	QC value within limits for Fe 234.349		Recovery = 105.21%				
Fe 238.204†	33111.6		0.2623 mg/L	0.00067	0.2623 mg/L	0.00067	0.26%
	QC value within limits for Fe 238.204		Recovery = 104.93%				
K 766.490†	4842.9		2.821 mg/L	0.0166	2.821 mg/L	0.0166	0.59%
	QC value within limits for K 766.490		Recovery = 112.84%				
Li 670.784†	3872.3		0.0536 mg/L	0.00060	0.0536 mg/L	0.00060	1.11%
	QC value within limits for Li 670.784		Recovery = 107.11%				
Mg 279.077†	13031.8		0.5245 mg/L	0.00121	0.5245 mg/L	0.00121	0.23%
	QC value within limits for Mg 279.077		Recovery = 104.89%				
Mn 257.610†	41541.1		0.0508 mg/L	0.00000	0.0508 mg/L	0.00000	0.01%
	QC value within limits for Mn 257.610		Recovery = 101.55%				
Mo 202.031†	793.2		0.0522 mg/L	0.00031	0.0522 mg/L	0.00031	0.59%
	QC value within limits for Mo 202.031		Recovery = 104.38%				
Na 589.592	15774.3		2.574 mg/L	0.0130	2.574 mg/L	0.0130	0.51%
	QC value within limits for Na 589.592		Recovery = 102.95%				
Ni 231.604†	2921.7		0.0523 mg/L	0.00059	0.0523 mg/L	0.00059	1.14%
	QC value within limits for Ni 231.604		Recovery = 104.65%				
P 214.914†	770.8		0.5332 mg/L	0.00266	0.5332 mg/L	0.00266	0.50%
	QC value within limits for P 214.914		Recovery = 106.64%				
Pb 220.353†	534.1		0.0524 mg/L	0.00014	0.0524 mg/L	0.00014	0.27%
	QC value within limits for Pb 220.353		Recovery = 104.89%				
Sb 206.836†	107.4		0.0494 mg/L	0.00270	0.0494 mg/L	0.00270	5.48%
	QC value within limits for Sb 206.836		Recovery = 98.70%				
Se 196.026†	92.9		0.1047 mg/L	0.00271	0.1047 mg/L	0.00271	2.59%
	QC value within limits for Se 196.026		Recovery = 104.65%				
Sn 189.927†	142.4		0.0314 mg/L	0.00157	0.0314 mg/L	0.00157	5.00%
	QC value less than the lower limit for Sn 189.927		Recovery = 62.79%				
Sr 407.771†	125563.1		0.0051 mg/L	0.00001	0.0051 mg/L	0.00001	0.18%
	QC value within limits for Sr 407.771		Recovery = 102.48%				
Ti 337.279†	44251.7		0.0522 mg/L	0.00004	0.0522 mg/L	0.00004	0.08%
	QC value within limits for Ti 337.279		Recovery = 104.38%				
Tl 190.801†	83.7		0.0776 mg/L	0.00566	0.0776 mg/L	0.00566	7.30%
	QC value greater than the upper limit for Tl 190.801		Recovery = 155.20%				
V 292.402†	11078.1		0.0532 mg/L	0.00004	0.0532 mg/L	0.00004	0.08%
	QC value within limits for V 292.402		Recovery = 106.44%				
Zn 213.857†	4927.1		0.0536 mg/L	0.00016	0.0536 mg/L	0.00016	0.30%
	QC value within limits for Zn 213.857		Recovery = 107.18%				
QC Failed.	Continue with analysis.						

Sequence No.: 9
Sample ID: CRI2
Analyst:

Autosampler Location: 7
Date Collected: 8/3/2006 11:37:35 AM
Data Type: Original

Initial Sample Wt:
Dilution:

Initial Sample Vol:
Sample Prep Vol:

Replicate Data: CRI2

Repl#	Analyte	Net		Corrected		Calib.		Sample		Analysis Time
		Intensity		Intensity		Conc.	Units	Conc.	Units	
1	K 766.490†	1838.7		1937.7		1.471	mg/L	1.471	mg/L	11:39:11
1	Li 670.784†	1326.7		1493.9		0.0235	mg/L	0.0235	mg/L	11:39:11
1	Na 589.592	8878.6		6291.3		1.053	mg/L	1.053	mg/L	11:39:11
1	Y 371.029	3693286.0		3693286.0		1.01	mg/L			11:39:25
1	Ag 328.068†	217.6		2728.5		0.0105	mg/L	0.0105	mg/L	11:39:30
1	Al 237.313†	599.0		798.7		0.1145	mg/L	0.1145	mg/L	11:39:50
1	As 188.979†	23.9		16.2		0.0227	mg/L	0.0227	mg/L	11:39:50
1	B 182.528†	3.1		9.3		0.0245	mg/L	0.0245	mg/L	11:39:50
1	Ba 233.527†	2056.4		2132.7		0.0212	mg/L	0.0212	mg/L	11:39:50
1	Be 313.107†	6358.8		8449.7		0.0021	mg/L	0.0021	mg/L	11:39:30
1	Ca 315.886†	38241.1		34776.4		0.2166	mg/L	0.2166	mg/L	11:39:30
1	Cd 228.802†	637.6		484.9		0.0105	mg/L	0.0105	mg/L	11:39:50
1	Co 228.616†	702.8		902.7		0.0204	mg/L	0.0204	mg/L	11:39:50
1	Cr 267.716†	6744.6		3336.9		0.0206	mg/L	0.0206	mg/L	11:39:30
1	Cu 324.752†	6478.0		4416.1		0.0182	mg/L	0.0182	mg/L	11:39:30
1	Fe 234.349†	6745.4		5211.4		0.1049	mg/L	0.1049	mg/L	11:39:30
1	Fe 238.204†	13782.9		12875.3		0.1038	mg/L	0.1038	mg/L	11:39:30
1	Mg 279.077†	5456.3		5093.9		0.2056	mg/L	0.2056	mg/L	11:39:30
1	Mn 257.610†	17054.9		15686.6		0.0184	mg/L	0.0184	mg/L	11:39:30
1	Mo 202.031†	360.4		325.9		0.0218	mg/L	0.0218	mg/L	11:39:50
1	Ni 231.604†	1443.4		1121.0		0.0197	mg/L	0.0197	mg/L	11:39:50
1	P 214.914†	395.3		282.6		0.2202	mg/L	0.2202	mg/L	11:39:50
1	Pb 220.353†	80.6		219.6		0.0217	mg/L	0.0217	mg/L	11:39:50
1	Sb 206.836†	82.2		40.6		0.0187	mg/L	0.0187	mg/L	11:39:50
1	Se 196.026†	36.8		41.4		0.0498	mg/L	0.0498	mg/L	11:39:50
1	Sn 189.927†	238.6		-7.6		-0.0019	mg/L	-0.0019	mg/L	11:39:50
1	Sr 407.771†	52454.5		49349.8		0.0019	mg/L	0.0019	mg/L	11:39:25
1	Ti 337.279†	14867.1		17027.5		0.0207	mg/L	0.0207	mg/L	11:39:30
1	Tl 190.801†	27.1		47.1		0.0506	mg/L	0.0506	mg/L	11:39:50
1	V 292.402†	2863.9		4216.3		0.0214	mg/L	0.0214	mg/L	11:39:30
1	Zn 213.857†	2654.8		1853.3		0.0211	mg/L	0.0211	mg/L	11:39:50
2	K 766.490†	1851.0		1963.2		1.483	mg/L	1.483	mg/L	11:39:17
2	Li 670.784†	1346.6		1523.2		0.0238	mg/L	0.0238	mg/L	11:39:17
2	Na 589.592	8883.0		6295.6		1.053	mg/L	1.053	mg/L	11:39:17
2	Y 371.029	3666939.3		3666939.3		1.000	mg/L			11:39:56
2	Ag 328.068†	210.4		2722.8		0.0105	mg/L	0.0105	mg/L	11:40:02
2	Al 237.313†	586.8		790.8		0.1135	mg/L	0.1135	mg/L	11:40:22
2	As 188.979†	24.5		16.9		0.0236	mg/L	0.0236	mg/L	11:40:22
2	B 182.528†	3.7		9.8		0.0258	mg/L	0.0258	mg/L	11:40:22
2	Ba 233.527†	2050.8		2141.8		0.0213	mg/L	0.0213	mg/L	11:40:22
2	Be 313.107†	6383.3		8519.5		0.0022	mg/L	0.0022	mg/L	11:40:02
2	Ca 315.886†	38378.3		35186.4		0.2190	mg/L	0.2190	mg/L	11:40:02
2	Cd 228.802†	625.9		477.7		0.0104	mg/L	0.0104	mg/L	11:40:22
2	Co 228.616†	701.4		906.4		0.0205	mg/L	0.0205	mg/L	11:40:22
2	Cr 267.716†	6676.7		3317.0		0.0205	mg/L	0.0205	mg/L	11:40:02
2	Cu 324.752†	6467.5		4451.8		0.0184	mg/L	0.0184	mg/L	11:40:02
2	Fe 234.349†	6714.2		5228.2		0.1052	mg/L	0.1052	mg/L	11:40:02
2	Fe 238.204†	13769.4		12960.1		0.1045	mg/L	0.1045	mg/L	11:40:02
2	Mg 279.077†	5476.5		5153.1		0.2080	mg/L	0.2080	mg/L	11:40:02
2	Mn 257.610†	16974.8		15728.2		0.0184	mg/L	0.0184	mg/L	11:40:02
2	Mo 202.031†	359.4		327.6		0.0219	mg/L	0.0219	mg/L	11:40:22
2	Ni 231.604†	1440.6		1128.5		0.0199	mg/L	0.0199	mg/L	11:40:22
2	P 214.914†	401.6		291.7		0.2260	mg/L	0.2260	mg/L	11:40:22
2	Pb 220.353†	80.6		220.2		0.0218	mg/L	0.0218	mg/L	11:40:22
2	Sb 206.836†	90.9		49.9		0.0231	mg/L	0.0231	mg/L	11:40:22
2	Se 196.026†	24.8		29.7		0.0374	mg/L	0.0374	mg/L	11:40:22
2	Sn 189.927†	246.7		2.1		0.0003	mg/L	0.0003	mg/L	11:40:22
2	Sr 407.771†	52167.9		49437.4		0.0019	mg/L	0.0019	mg/L	11:39:56
2	Ti 337.279†	14851.0		17117.4		0.0208	mg/L	0.0208	mg/L	11:40:02
2	Tl 190.801†	30.8		51.0		0.0534	mg/L	0.0534	mg/L	11:40:22
2	V 292.402†	2881.6		4254.5		0.0215	mg/L	0.0215	mg/L	11:40:02
2	Zn 213.857†	2633.1		1850.5		0.0210	mg/L	0.0210	mg/L	11:40:22

Mean Data: CRI2

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3680112.7	1.00 mg/L	0.005			0.51%
Ag 328.068†	2725.7	0.0105 mg/L	0.00001	0.0105 mg/L	0.00001	0.14%
	QC value within limits for Ag 328.068 Recovery = 105.01%					
Al 237.313†	794.8	0.1140 mg/L	0.00071	0.1140 mg/L	0.00071	0.63%
	QC value within limits for Al 237.313 Recovery = 113.98%					
As 188.979†	16.5	0.0232 mg/L	0.00067	0.0232 mg/L	0.00067	2.89%
	QC value within limits for As 188.979 Recovery = 115.88%					
B 182.528†	9.6	0.0252 mg/L	0.00089	0.0252 mg/L	0.00089	3.54%
	QC value within limits for B 182.528 Recovery = 125.77%					
Ba 233.527†	2137.2	0.0212 mg/L	0.00006	0.0212 mg/L	0.00006	0.28%
	QC value within limits for Ba 233.527 Recovery = 106.05%					
Be 313.107†	8484.6	0.0022 mg/L	0.00001	0.0022 mg/L	0.00001	0.52%
	QC value within limits for Be 313.107 Recovery = 107.71%					
Ca 315.886†	34981.4	0.2178 mg/L	0.00166	0.2178 mg/L	0.00166	0.76%
	QC value within limits for Ca 315.886 Recovery = 108.91%					
Cd 228.802†	481.3	0.0104 mg/L	0.00011	0.0104 mg/L	0.00011	1.03%
	QC value within limits for Cd 228.802 Recovery = 104.49%					
Co 228.616†	904.6	0.0205 mg/L	0.00006	0.0205 mg/L	0.00006	0.28%
	QC value within limits for Co 228.616 Recovery = 102.29%					
Cr 267.716†	3326.9	0.0206 mg/L	0.00008	0.0206 mg/L	0.00008	0.40%
	QC value within limits for Cr 267.716 Recovery = 102.78%					
Cu 324.752†	4433.9	0.0183 mg/L	0.00011	0.0183 mg/L	0.00011	0.60%
	QC value within limits for Cu 324.752 Recovery = 91.63%					
Fe 234.349†	5219.8	0.1051 mg/L	0.00023	0.1051 mg/L	0.00023	0.22%
	QC value within limits for Fe 234.349 Recovery = 105.08%					
Fe 238.204†	12917.7	0.1041 mg/L	0.00047	0.1041 mg/L	0.00047	0.45%
	QC value within limits for Fe 238.204 Recovery = 104.13%					
K 766.490†	1950.5	1.477 mg/L	0.0084	1.477 mg/L	0.0084	0.57%
	QC value greater than the upper limit for K 766.490 Recovery = 147.71%					
Li 670.784†	1508.5	0.0236 mg/L	0.00026	0.0236 mg/L	0.00026	1.11%
	QC value within limits for Li 670.784 Recovery = 118.18%					
Mg 279.077†	5123.5	0.2068 mg/L	0.00168	0.2068 mg/L	0.00168	0.81%
	QC value within limits for Mg 279.077 Recovery = 103.39%					
Mn 257.610†	15707.4	0.0184 mg/L	0.00004	0.0184 mg/L	0.00004	0.20%
	QC value within limits for Mn 257.610 Recovery = 92.04%					
Mo 202.031†	326.7	0.0218 mg/L	0.00008	0.0218 mg/L	0.00008	0.34%
	QC value within limits for Mo 202.031 Recovery = 109.24%					
Na 589.592	6293.4	1.053 mg/L	0.0005	1.053 mg/L	0.0005	0.05%
	QC value within limits for Na 589.592 Recovery = 105.31%					
Ni 231.604†	1124.7	0.0198 mg/L	0.00010	0.0198 mg/L	0.00010	0.49%
	QC value within limits for Ni 231.604 Recovery = 98.94%					
P 214.914†	287.1	0.2231 mg/L	0.00414	0.2231 mg/L	0.00414	1.85%
	QC value within limits for P 214.914 Recovery = 111.56%					
Pb 220.353†	219.9	0.0217 mg/L	0.00004	0.0217 mg/L	0.00004	0.18%
	QC value within limits for Pb 220.353 Recovery = 108.69%					
Sb 206.836†	45.2	0.0209 mg/L	0.00308	0.0209 mg/L	0.00308	14.77%
	QC value within limits for Sb 206.836 Recovery = 104.37%					
Se 196.026†	35.6	0.0436 mg/L	0.00881	0.0436 mg/L	0.00881	20.21%
	QC value within limits for Se 196.026 Recovery = 109.00%					
Sn 189.927†	-2.7	-0.0008 mg/L	0.00153	-0.0008 mg/L	0.00153	194.93%
	QC value less than the lower limit for Sn 189.927 Recovery = -3.93%					
Sr 407.771†	49393.6	0.0019 mg/L	0.00000	0.0019 mg/L	0.00000	0.13%
	QC value within limits for Sr 407.771 Recovery = 97.03%					
Ti 337.279†	17072.5	0.0208 mg/L	0.00007	0.0208 mg/L	0.00007	0.35%
	QC value within limits for Ti 337.279 Recovery = 103.85%					
Tl 190.801†	49.1	0.0520 mg/L	0.00201	0.0520 mg/L	0.00201	3.87%
	QC value greater than the upper limit for Tl 190.801 Recovery = 259.94%					
V 292.402†	4235.4	0.0215 mg/L	0.00012	0.0215 mg/L	0.00012	0.58%
	QC value within limits for V 292.402 Recovery = 107.25%					
Zn 213.857†	1851.9	0.0211 mg/L	0.00002	0.0211 mg/L	0.00002	0.10%
	QC value within limits for Zn 213.857 Recovery = 105.31%					
QC Failed. Continue with analysis.						

Sequence No.: 10

Sample ID: CRI3

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 8

Date Collected: 8/3/2006 11:42:02 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: CRI3

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	835.6	944.9	1.010 mg/L	1.010 mg/L	11:43:38
1	Li 670.784†	534.3	709.0	0.0135 mg/L	0.0135 mg/L	11:43:38
1	Na 589.592	5928.9	3341.5	0.5797 mg/L	0.5797 mg/L	11:43:38
1	Y 371.029	3678849.1	3678849.1	1.00 mg/L		11:43:53
1	Ag 328.068†	-1223.9	1292.2	0.0051 mg/L	0.0051 mg/L	11:43:58
1	Al 237.313†	217.4	420.6	0.0662 mg/L	0.0662 mg/L	11:44:18
1	As 188.979†	12.5	4.8	0.0079 mg/L	0.0079 mg/L	11:44:18
1	B 182.528†	-2.2	3.9	0.0131 mg/L	0.0131 mg/L	11:44:18
1	Ba 233.527†	1024.3	1111.8	0.0117 mg/L	0.0117 mg/L	11:44:18
1	Be 313.107†	2248.0	4376.0	0.0012 mg/L	0.0012 mg/L	11:43:58
1	Ca 315.886†	21231.7	17967.3	0.1202 mg/L	0.1202 mg/L	11:43:58
1	Cd 228.802†	398.5	249.1	0.0057 mg/L	0.0057 mg/L	11:44:18
1	Co 228.616†	264.5	468.5	0.0106 mg/L	0.0106 mg/L	11:44:18
1	Cr 267.716†	5018.5	1642.2	0.0106 mg/L	0.0106 mg/L	11:43:58
1	Cu 324.752†	4200.8	2171.0	0.0085 mg/L	0.0085 mg/L	11:43:58
1	Fe 234.349†	4102.2	2602.4	0.0545 mg/L	0.0545 mg/L	11:43:58
1	Fe 238.204†	7309.1	6474.7	0.0537 mg/L	0.0537 mg/L	11:43:58
1	Mg 279.077†	2935.3	2601.8	0.1055 mg/L	0.1055 mg/L	11:43:58
1	Mn 257.610†	8966.9	7689.5	0.0084 mg/L	0.0084 mg/L	11:43:58
1	Mo 202.031†	195.0	162.5	0.0112 mg/L	0.0112 mg/L	11:44:18
1	Ni 231.604†	905.8	590.7	0.0101 mg/L	0.0101 mg/L	11:44:18
1	P 214.914†	268.7	157.9	0.1403 mg/L	0.1403 mg/L	11:44:18
1	Pb 220.353†	-33.9	105.8	0.0106 mg/L	0.0106 mg/L	11:44:18
1	Sb 206.836†	73.4	32.1	0.0149 mg/L	0.0149 mg/L	11:44:18
1	Se 196.026†	16.1	21.0	0.0281 mg/L	0.0281 mg/L	11:44:18
1	Sn 189.927†	189.8	-55.4	-0.0125 mg/L	-0.0125 mg/L	11:44:18
1	Sr 407.771†	28296.3	25469.0	0.0009 mg/L	0.0009 mg/L	11:43:53
1	Ti 337.279†	6443.9	8687.6	0.0111 mg/L	0.0111 mg/L	11:43:58
1	Tl 190.801†	16.6	36.8	0.0429 mg/L	0.0429 mg/L	11:44:18
1	V 292.402†	955.1	2324.4	0.0125 mg/L	0.0125 mg/L	11:43:58
1	Zn 213.857†	1731.9	943.5	0.0115 mg/L	0.0115 mg/L	11:44:18
2	K 766.490†	836.2	946.1	1.010 mg/L	1.010 mg/L	11:43:44
2	Li 670.784†	565.3	740.4	0.0139 mg/L	0.0139 mg/L	11:43:44
2	Na 589.592	5887.3	3299.9	0.5730 mg/L	0.5730 mg/L	11:43:44
2	Y 371.029	3676068.3	3676068.3	1.00 mg/L		11:44:24
2	Ag 328.068†	-1097.1	1417.7	0.0056 mg/L	0.0056 mg/L	11:44:29
2	Al 237.313†	234.6	437.9	0.0684 mg/L	0.0684 mg/L	11:44:49
2	As 188.979†	15.6	8.0	0.0121 mg/L	0.0121 mg/L	11:44:49
2	B 182.528†	-2.1	4.1	0.0135 mg/L	0.0135 mg/L	11:44:49
2	Ba 233.527†	971.0	1059.3	0.0112 mg/L	0.0112 mg/L	11:44:49
2	Be 313.107†	2274.5	4404.2	0.0012 mg/L	0.0012 mg/L	11:44:29
2	Ca 315.886†	21154.3	17906.1	0.1199 mg/L	0.1199 mg/L	11:44:29
2	Cd 228.802†	397.8	248.7	0.0057 mg/L	0.0057 mg/L	11:44:49
2	Co 228.616†	258.6	462.9	0.0105 mg/L	0.0105 mg/L	11:44:49
2	Cr 267.716†	5077.6	1705.0	0.0110 mg/L	0.0110 mg/L	11:44:29
2	Cu 324.752†	4161.0	2134.4	0.0084 mg/L	0.0084 mg/L	11:44:29
2	Fe 234.349†	4137.1	2640.3	0.0552 mg/L	0.0552 mg/L	11:44:29
2	Fe 238.204†	7354.6	6525.6	0.0541 mg/L	0.0541 mg/L	11:44:29
2	Mg 279.077†	2932.7	2601.4	0.1055 mg/L	0.1055 mg/L	11:44:29
2	Mn 257.610†	8962.0	7691.4	0.0084 mg/L	0.0084 mg/L	11:44:29
2	Mo 202.031†	201.2	168.8	0.0116 mg/L	0.0116 mg/L	11:44:49
2	Ni 231.604†	891.1	576.6	0.0099 mg/L	0.0099 mg/L	11:44:49
2	P 214.914†	251.0	140.3	0.1290 mg/L	0.1290 mg/L	11:44:49
2	Pb 220.353†	-20.6	119.0	0.0119 mg/L	0.0119 mg/L	11:44:49
2	Sb 206.836†	66.6	25.3	0.0118 mg/L	0.0118 mg/L	11:44:49
2	Se 196.026†	15.4	20.2	0.0272 mg/L	0.0272 mg/L	11:44:49
2	Sn 189.927†	191.4	-53.6	-0.0121 mg/L	-0.0121 mg/L	11:44:49
2	Sr 407.771†	28157.4	25351.6	0.0009 mg/L	0.0009 mg/L	11:44:24
2	Ti 337.279†	6442.0	8690.6	0.0111 mg/L	0.0111 mg/L	11:44:29
2	Tl 190.801†	10.2	30.4	0.0383 mg/L	0.0383 mg/L	11:44:49
2	V 292.402†	844.7	2215.0	0.0120 mg/L	0.0120 mg/L	11:44:29
2	Zn 213.857†	1756.7	969.6	0.0117 mg/L	0.0117 mg/L	11:44:49

Mean Data: CRI3

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3677458.7	1.00 mg/L	0.001			0.05%

Ag	328.068†	1355.0	0.0054 mg/L	0.00033	0.0054 mg/L	0.00033	6.16%
	QC value within limits for Ag 328.068 Recovery = 107.54%						
Al	237.313†	429.3	0.0673 mg/L	0.00156	0.0673 mg/L	0.00156	2.32%
	QC value greater than the upper limit for Al 237.313 Recovery = 134.64%						
As	188.979†	6.4	0.0100 mg/L	0.00292	0.0100 mg/L	0.00292	29.22%
	QC value within limits for As 188.979 Recovery = 100.04%						
B	182.528†	4.0	0.0133 mg/L	0.00025	0.0133 mg/L	0.00025	1.87%
	QC value greater than the upper limit for B 182.528 Recovery = 132.92%						
Ba	233.527†	1085.5	0.0114 mg/L	0.00034	0.0114 mg/L	0.00034	3.02%
	QC value within limits for Ba 233.527 Recovery = 114.30%						
Be	313.107†	4390.1	0.0012 mg/L	0.00000	0.0012 mg/L	0.00000	0.38%
	QC value within limits for Be 313.107 Recovery = 122.11%						
Ca	315.886†	17936.7	0.1200 mg/L	0.00025	0.1200 mg/L	0.00025	0.21%
	QC value within limits for Ca 315.886 Recovery = 120.03%						
Cd	228.802†	248.9	0.0057 mg/L	0.00002	0.0057 mg/L	0.00002	0.40%
	QC value within limits for Cd 228.802 Recovery = 114.12%						
Co	228.616†	465.7	0.0105 mg/L	0.00009	0.0105 mg/L	0.00009	0.86%
	QC value within limits for Co 228.616 Recovery = 105.23%						
Cr	267.716†	1673.6	0.0108 mg/L	0.00026	0.0108 mg/L	0.00026	2.44%
	QC value within limits for Cr 267.716 Recovery = 107.86%						
Cu	324.752†	2152.7	0.0084 mg/L	0.00011	0.0084 mg/L	0.00011	1.33%
	QC value within limits for Cu 324.752 Recovery = 84.32%						
Fe	234.349†	2621.4	0.0548 mg/L	0.00052	0.0548 mg/L	0.00052	0.95%
	QC value within limits for Fe 234.349 Recovery = 109.67%						
Fe	238.204†	6500.2	0.0539 mg/L	0.00028	0.0539 mg/L	0.00028	0.52%
	QC value within limits for Fe 238.204 Recovery = 107.70%						
K	766.490†	945.5	1.010 mg/L	0.0004	1.010 mg/L	0.0004	0.04%
	QC value greater than the upper limit for K 766.490 Recovery = 202.03%						
Li	670.784†	724.7	0.0137 mg/L	0.00028	0.0137 mg/L	0.00028	2.05%
	QC value greater than the upper limit for Li 670.784 Recovery = 137.13%						
Mg	279.077†	2601.6	0.1055 mg/L	0.00001	0.1055 mg/L	0.00001	0.01%
	QC value within limits for Mg 279.077 Recovery = 105.46%						
Mn	257.610†	7690.5	0.0084 mg/L	0.00000	0.0084 mg/L	0.00000	0.02%
	QC value within limits for Mn 257.610 Recovery = 83.65%						
Mo	202.031†	165.7	0.0114 mg/L	0.00029	0.0114 mg/L	0.00029	2.56%
	QC value within limits for Mo 202.031 Recovery = 113.72%						
Na	589.592	3320.7	0.5764 mg/L	0.00471	0.5764 mg/L	0.00471	0.82%
	QC value within limits for Na 589.592 Recovery = 115.27%						
Ni	231.604†	583.6	0.0100 mg/L	0.00018	0.0100 mg/L	0.00018	1.79%
	QC value within limits for Ni 231.604 Recovery = 99.89%						
P	214.914†	149.1	0.1346 mg/L	0.00795	0.1346 mg/L	0.00795	5.91%
	QC value greater than the upper limit for P 214.914 Recovery = 134.64%						
Pb	220.353†	112.4	0.0112 mg/L	0.00091	0.0112 mg/L	0.00091	8.11%
	QC value within limits for Pb 220.353 Recovery = 112.31%						
Sb	206.836†	28.7	0.0133 mg/L	0.00224	0.0133 mg/L	0.00224	16.81%
	QC value greater than the upper limit for Sb 206.836 Recovery = 133.38%						
Se	196.026†	20.6	0.0277 mg/L	0.00058	0.0277 mg/L	0.00058	2.10%
	QC value greater than the upper limit for Se 196.026 Recovery = 138.28%						
Sn	189.927†	-54.5	-0.0123 mg/L	0.00028	-0.0123 mg/L	0.00028	2.26%
	QC value less than the lower limit for Sn 189.927 Recovery = -122.64%						
Sr	407.771†	25410.3	0.0009 mg/L	0.00000	0.0009 mg/L	0.00000	0.37%
	QC value within limits for Sr 407.771 Recovery = 93.83%						
Ti	337.279†	8689.1	0.0111 mg/L	0.00000	0.0111 mg/L	0.00000	0.02%
	QC value within limits for Ti 337.279 Recovery = 110.79%						
Tl	190.801†	33.6	0.0406 mg/L	0.00331	0.0406 mg/L	0.00331	8.16%
	QC value greater than the upper limit for Tl 190.801 Recovery = 405.96%						
V	292.402†	2269.7	0.0123 mg/L	0.00035	0.0123 mg/L	0.00035	2.84%
	QC value within limits for V 292.402 Recovery = 122.97%						
Zn	213.857†	956.5	0.0116 mg/L	0.00020	0.0116 mg/L	0.00020	1.70%
	QC value within limits for Zn 213.857 Recovery = 115.94%						
QC Failed. Continue with analysis.							

Sequence No.: 11

Sample ID: ICSA

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 160

Date Collected: 8/3/2006 11:46:30 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: ICSA

Net	Corrected	Calib.	Sample	Analysis
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Repl#	Analyte	Intensity	Intensity	Conc. Units	Conc. Units	Time
1	K 766.490†	76.0	195.5	0.6617 mg/L	0.6617 mg/L	11:48:07
1	Li 670.784†	-147.2	14.1	0.0047 mg/L	0.0047 mg/L	11:48:07
1	Na 589.592	3523.4	936.0	0.1939 mg/L	0.1939 mg/L	11:48:07
1	Y 371.029	3329487.3	3329487.3	0.908 mg/L		11:48:34
1	Ag 328.068†	-2936.1	-722.0	0.0014 mg/L	0.0014 mg/L	11:48:40
1	Al 237.313†	1860353.3	2049563.8	262.3 mg/L	262.3 mg/L	11:48:34
1	As 188.979†	-3.4	-11.4	-0.0132 mg/L	-0.0132 mg/L	11:49:00
1	B 182.528†	0.1	6.3	0.0182 mg/L	0.0182 mg/L	11:49:00
1	Ba 233.527†	200.2	311.1	0.0042 mg/L	0.0042 mg/L	11:49:00
1	Be 313.107†	-4592.2	-2924.0	0.0001 mg/L	0.0001 mg/L	11:48:40
1	Ca 315.886†	39842034.4	43886673.9	251.7 mg/L	251.7 mg/L	11:48:27
1	Cd 228.802†	119.6	-16.5	0.0010 mg/L	0.0010 mg/L	11:49:00
1	Co 228.616†	-162.6	25.8	0.0006 mg/L	0.0006 mg/L	11:49:00
1	Cr 267.716†	2257.7	-874.0	0.0014 mg/L	0.0014 mg/L	11:49:00
1	Cu 324.752†	-10.3	-2028.5	0.0074 mg/L	0.0074 mg/L	11:48:40
1	Fe 234.349†	4444597.6	4894668.9	94.86 mg/L	94.86 mg/L	11:48:34
1	Fe 238.204†	10439528.8	11499343.5	90.07 mg/L	90.07 mg/L	11:48:27
1	Mg 279.077†	5492540.9	6050243.1	242.8 mg/L	242.8 mg/L	11:48:34
1	Mn 257.610†	4701.9	3929.2	0.0037 mg/L	0.0037 mg/L	11:48:40
1	Mo 202.031†	252.0	245.6	0.0166 mg/L	0.0166 mg/L	11:49:00
1	Ni 231.604†	475.3	211.2	0.0032 mg/L	0.0032 mg/L	11:49:00
1	P 214.914†	-75.3	-193.0	-0.0846 mg/L	-0.0846 mg/L	11:49:00
1	Pb 220.353†	-661.6	-589.3	-0.0094 mg/L	-0.0094 mg/L	11:49:00
1	Sb 206.836†	39.9	2.9	0.0016 mg/L	0.0016 mg/L	11:49:00
1	Se 196.026†	21.8	28.9	0.0365 mg/L	0.0365 mg/L	11:49:00
1	Sn 189.927†	355.3	146.8	0.0361 mg/L	0.0361 mg/L	11:49:00
1	Sr 407.771†	21034.5	20429.5	0.0007 mg/L	0.0007 mg/L	11:48:40
1	Ti 337.279†	2455.2	4967.8	0.0068 mg/L	0.0068 mg/L	11:48:40
1	Tl 190.801†	133.0	166.8	0.1383 mg/L	0.1383 mg/L	11:49:00
1	V 292.402†	1637.5	3176.0	0.0042 mg/L	0.0042 mg/L	11:49:00
1	Zn 213.857†	2823.0	2326.6	0.0177 mg/L	0.0177 mg/L	11:49:00
2	K 766.490†	67.6	186.3	0.6574 mg/L	0.6574 mg/L	11:48:13
2	Li 670.784†	-76.1	92.5	0.0057 mg/L	0.0057 mg/L	11:48:13
2	Na 589.592	3506.8	919.4	0.1912 mg/L	0.1912 mg/L	11:48:13
2	Y 371.029	3329395.2	3329395.2	0.908 mg/L		11:49:18
2	Ag 328.068†	-2928.9	-714.2	0.0014 mg/L	0.0014 mg/L	11:49:24
2	Al 237.313†	1857445.3	2046417.1	261.9 mg/L	261.9 mg/L	11:49:18
2	As 188.979†	-2.6	-10.5	-0.0120 mg/L	-0.0120 mg/L	11:49:44
2	B 182.528†	2.9	9.3	0.0247 mg/L	0.0247 mg/L	11:49:44
2	Ba 233.527†	203.4	314.6	0.0043 mg/L	0.0043 mg/L	11:49:44
2	Be 313.107†	-4583.2	-2914.2	0.0001 mg/L	0.0001 mg/L	11:49:24
2	Ca 315.886†	39704239.3	43736090.0	250.8 mg/L	250.8 mg/L	11:49:11
2	Cd 228.802†	131.1	-3.8	0.0013 mg/L	0.0013 mg/L	11:49:44
2	Co 228.616†	-157.7	31.1	0.0007 mg/L	0.0007 mg/L	11:49:44
2	Cr 267.716†	2281.5	-847.8	0.0016 mg/L	0.0016 mg/L	11:49:44
2	Cu 324.752†	5.3	-2011.3	0.0074 mg/L	0.0074 mg/L	11:49:24
2	Fe 234.349†	4436274.6	4885635.6	94.69 mg/L	94.69 mg/L	11:49:18
2	Fe 238.204†	10410405.8	11467579.2	89.82 mg/L	89.82 mg/L	11:49:11
2	Mg 279.077†	5476743.9	6033008.2	242.1 mg/L	242.1 mg/L	11:49:18
2	Mn 257.610†	4697.3	3924.3	0.0036 mg/L	0.0036 mg/L	11:49:24
2	Mo 202.031†	245.9	239.0	0.0161 mg/L	0.0161 mg/L	11:49:44
2	Ni 231.604†	460.8	195.2	0.0030 mg/L	0.0030 mg/L	11:49:44
2	P 214.914†	-57.1	-173.0	-0.0718 mg/L	-0.0718 mg/L	11:49:44
2	Pb 220.353†	-651.3	-578.0	-0.0084 mg/L	-0.0084 mg/L	11:49:44
2	Sb 206.836†	22.1	-16.7	-0.0077 mg/L	-0.0077 mg/L	11:49:44
2	Se 196.026†	22.0	29.1	0.0367 mg/L	0.0367 mg/L	11:49:44
2	Sn 189.927†	352.4	143.5	0.0354 mg/L	0.0354 mg/L	11:49:44
2	Sr 407.771†	20886.1	20266.7	0.0007 mg/L	0.0007 mg/L	11:49:24
2	Ti 337.279†	2358.5	4861.3	0.0067 mg/L	0.0067 mg/L	11:49:24
2	Tl 190.801†	132.9	166.6	0.1381 mg/L	0.1381 mg/L	11:49:44
2	V 292.402†	1644.9	3184.3	0.0043 mg/L	0.0043 mg/L	11:49:44
2	Zn 213.857†	2859.1	2366.5	0.0181 mg/L	0.0181 mg/L	11:49:44

Mean Data: ICSCA

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3329441.3	0.908 mg/L	0.0000			0.00%
Ag 328.068†	-718.1	0.0014 mg/L	0.00002	0.0014 mg/L	0.00002	1.08%
QC value within limits for Ag 328.068 Recovery = Not calculated						
Al 237.313†	2047990.5	262.1 mg/L	0.28	262.1 mg/L	0.28	0.11%

QC value within limits for Al 237.313	Recovery = 104.83%					
As 188.979†	-10.9	-0.0126 mg/L	0.00080	-0.0126 mg/L	0.00080	6.37%
QC value within limits for As 188.979	Recovery = Not calculated					
B 182.528†	7.8	0.0214 mg/L	0.00460	0.0214 mg/L	0.00460	21.46%
QC value within limits for B 182.528	Recovery = Not calculated					
Ba 233.527†	312.8	0.0042 mg/L	0.00002	0.0042 mg/L	0.00002	0.54%
QC value within limits for Ba 233.527	Recovery = Not calculated					
Be 313.107†	-2919.1	0.0001 mg/L	0.00000	0.0001 mg/L	0.00000	0.84%
QC value within limits for Be 313.107	Recovery = Not calculated					
Ca 315.886†	43811382.0	251.3 mg/L	0.61	251.3 mg/L	0.61	0.24%
QC value within limits for Ca 315.886	Recovery = 100.50%					
Cd 228.802†	-10.2	0.0011 mg/L	0.00018	0.0011 mg/L	0.00018	15.71%
QC value within limits for Cd 228.802	Recovery = Not calculated					
Co 228.616†	28.4	0.0006 mg/L	0.00009	0.0006 mg/L	0.00009	13.96%
QC value within limits for Co 228.616	Recovery = Not calculated					
Cr 267.716†	-860.9	0.0015 mg/L	0.00010	0.0015 mg/L	0.00010	6.92%
QC value within limits for Cr 267.716	Recovery = Not calculated					
Cu 324.752†	-2019.9	0.0074 mg/L	0.00003	0.0074 mg/L	0.00003	0.41%
QC value within limits for Cu 324.752	Recovery = Not calculated					
Fe 234.349†	4890152.3	94.78 mg/L	0.124	94.78 mg/L	0.124	0.13%
QC value within limits for Fe 234.349	Recovery = 94.78%					
Fe 238.204†	11483461.3	89.95 mg/L	0.176	89.95 mg/L	0.176	0.20%
QC value within limits for Fe 238.204	Recovery = 89.95%					
K 766.490†	190.9	0.6596 mg/L	0.00303	0.6596 mg/L	0.00303	0.46%
QC value within limits for K 766.490	Recovery = Not calculated					
Li 670.784†	53.3	0.0052 mg/L	0.00070	0.0052 mg/L	0.00070	13.46%
QC value within limits for Li 670.784	Recovery = Not calculated					
Mg 279.077†	6041625.6	242.5 mg/L	0.49	242.5 mg/L	0.49	0.20%
QC value within limits for Mg 279.077	Recovery = 96.99%					
Mn 257.610†	3926.8	0.0037 mg/L	0.00000	0.0037 mg/L	0.00000	0.12%
QC value within limits for Mn 257.610	Recovery = Not calculated					
Mo 202.031†	242.3	0.0164 mg/L	0.00031	0.0164 mg/L	0.00031	1.87%
QC value within limits for Mo 202.031	Recovery = Not calculated					
Na 589.592	927.7	0.1926 mg/L	0.00188	0.1926 mg/L	0.00188	0.97%
QC value within limits for Na 589.592	Recovery = Not calculated					
Ni 231.604†	203.2	0.0031 mg/L	0.00020	0.0031 mg/L	0.00020	6.57%
QC value within limits for Ni 231.604	Recovery = Not calculated					
P 214.914†	-183.0	-0.0782 mg/L	0.00905	-0.0782 mg/L	0.00905	11.57%
QC value within limits for P 214.914	Recovery = Not calculated					
Pb 220.353†	-583.6	-0.0089 mg/L	-0.00073	-0.0089 mg/L	0.00073	8.21%
QC value within limits for Pb 220.353	Recovery = Not calculated					
Sb 206.836†	-6.9	-0.0031 mg/L	0.00652	-0.0031 mg/L	0.00652	213.58%
QC value within limits for Sb 206.836	Recovery = Not calculated					
Se 196.026†	29.0	0.0366 mg/L	0.00014	0.0366 mg/L	0.00014	0.38%
QC value within limits for Se 196.026	Recovery = Not calculated					
Sn 189.927†	145.2	0.0357 mg/L	0.00052	0.0357 mg/L	0.00052	1.45%
QC value within limits for Sn 189.927	Recovery = Not calculated					
Sr 407.771†	20348.1	0.0007 mg/L	0.00000	0.0007 mg/L	0.00000	0.66%
QC value within limits for Sr 407.771	Recovery = Not calculated					
Ti 337.279†	4914.6	0.0067 mg/L	0.00009	0.0067 mg/L	0.00009	1.30%
QC value within limits for Ti 337.279	Recovery = Not calculated					
Tl 190.801†	166.7	0.1382 mg/L	0.00010	0.1382 mg/L	0.00010	0.07%
QC value greater than the upper limit for Tl 190.801	Recovery = Not calculated					
V 292.402†	3180.1	0.0043 mg/L	0.00004	0.0043 mg/L	0.00004	0.89%
QC value within limits for V 292.402	Recovery = Not calculated					
Zn 213.857†	2346.6	0.0179 mg/L	0.00031	0.0179 mg/L	0.00031	1.75%
QC value within limits for Zn 213.857	Recovery = Not calculated					
QC Failed. Continue with analysis.						

Sequence No.: 12
 Sample ID: ICSAB
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 159
 Date Collected: 8/3/2006 11:51:23 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

 Replicate Data: ICSAB

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	67.2	185.4	0.6570 mg/L	0.6570 mg/L	11:52:57
1	Li 670.784†	-132.7	31.0	0.0049 mg/L	0.0049 mg/L	11:52:57

1	Na 589.592	3820.0	1232.6	0.2415 mg/L	0.2415 mg/L	11:52:57
1	Y 371.029	3349609.3	3349609.3	0.913 mg/L		11:53:31
1	Ag 328.068†	127093.6	141677.3	0.5328 mg/L	0.5328 mg/L	11:53:36
1	Al 237.313†	1873998.0	2052193.5	262.6 mg/L	262.6 mg/L	11:53:31
1	As 188.979†	-4.5	-12.5	-0.0150 mg/L	-0.0150 mg/L	11:53:57
1	B 182.528†	1.7	8.0	0.0219 mg/L	0.0219 mg/L	11:53:57
1	Ba 233.527†	25109.8	27585.2	0.2577 mg/L	0.2577 mg/L	11:53:57
1	Be 313.107†	1031224.1	1131304.2	0.2604 mg/L	0.2604 mg/L	11:53:31
1	Ca 315.886†	39256846.2	42982247.5	246.5 mg/L	246.5 mg/L	11:53:23
1	Cd 228.802†	21416.2	23302.0	0.4803 mg/L	0.4803 mg/L	11:53:57
1	Co 228.616†	9172.6	10248.6	0.2324 mg/L	0.2324 mg/L	11:53:57
1	Cr 267.716†	40504.7	40990.7	0.2488 mg/L	0.2488 mg/L	11:53:36
1	Cu 324.752†	52374.6	55332.0	0.2558 mg/L	0.2558 mg/L	11:53:36
1	Fe 234.349†	4478198.4	4902048.7	95.00 mg/L	95.00 mg/L	11:53:31
1	Fe 238.204†	10343379.9	11324978.1	88.70 mg/L	88.70 mg/L	11:53:23
1	Mg 279.077†	5536492.3	6062021.7	243.3 mg/L	243.3 mg/L	11:53:31
1	Mn 257.610†	185910.6	202318.0	0.2522 mg/L	0.2522 mg/L	11:53:36
1	Mo 202.031†	265.1	258.4	0.0174 mg/L	0.0174 mg/L	11:53:57
1	Ni 231.604†	23742.4	25685.0	0.4642 mg/L	0.4642 mg/L	11:53:57
1	P 214.914†	-14.1	-125.4	-0.0413 mg/L	-0.0413 mg/L	11:53:57
1	Pb 220.353†	3920.5	4432.5	0.4802 mg/L	0.4802 mg/L	11:53:57
1	Sb 206.836†	40.7	3.5	-0.0021 mg/L	-0.0021 mg/L	11:53:57
1	Se 196.026†	17.8	24.4	0.0317 mg/L	0.0317 mg/L	11:53:57
1	Sn 189.927†	350.0	138.6	0.0343 mg/L	0.0343 mg/L	11:53:57
1	Sr 407.771†	21074.4	20334.1	0.0007 mg/L	0.0007 mg/L	11:53:36
1	Ti 337.279†	2247.1	4723.7	0.0065 mg/L	0.0065 mg/L	11:53:36
1	Tl 190.801†	135.3	168.4	0.1412 mg/L	0.1412 mg/L	11:53:57
1	V 292.402†	51586.4	57858.3	0.2545 mg/L	0.2545 mg/L	11:53:36
1	Zn 213.857†	44852.0	48328.8	0.5040 mg/L	0.5040 mg/L	11:53:36
2	K 766.490†	130.0	255.1	0.6894 mg/L	0.6894 mg/L	11:53:03
2	Li 670.784†	-111.2	53.8	0.0052 mg/L	0.0052 mg/L	11:53:03
2	Na 589.592	3822.5	1235.1	0.2419 mg/L	0.2419 mg/L	11:53:03
2	Y 371.029	3326847.7	3326847.7	0.907 mg/L		11:54:22
2	Ag 328.068†	127201.5	142748.3	0.5368 mg/L	0.5368 mg/L	11:54:27
2	Al 237.313†	1860147.8	2050963.3	262.4 mg/L	262.4 mg/L	11:54:22
2	As 188.979†	-6.7	-15.0	-0.0183 mg/L	-0.0183 mg/L	11:54:48
2	B 182.528†	6.9	13.8	0.0342 mg/L	0.0342 mg/L	11:54:48
2	Ba 233.527†	25024.6	27679.4	0.2586 mg/L	0.2586 mg/L	11:54:48
2	Be 313.107†	1023809.7	1130855.6	0.2603 mg/L	0.2603 mg/L	11:54:22
2	Ca 315.886†	39548458.4	43597838.9	250.0 mg/L	250.0 mg/L	11:54:14
2	Cd 228.802†	21403.1	23448.0	0.4833 mg/L	0.4833 mg/L	11:54:48
2	Co 228.616†	9118.8	10258.1	0.2326 mg/L	0.2326 mg/L	11:54:48
2	Cr 267.716†	40487.2	41274.9	0.2505 mg/L	0.2505 mg/L	11:54:27
2	Cu 324.752†	52329.5	55674.6	0.2573 mg/L	0.2573 mg/L	11:54:27
2	Fe 234.349†	4448801.4	4903188.3	95.02 mg/L	95.02 mg/L	11:54:22
2	Fe 238.204†	10415423.3	11481892.6	89.93 mg/L	89.93 mg/L	11:54:14
2	Mg 279.077†	5496925.3	6059877.5	243.2 mg/L	243.2 mg/L	11:54:22
2	Mn 257.610†	185711.1	203490.8	0.2537 mg/L	0.2537 mg/L	11:54:27
2	Mo 202.031†	243.6	236.7	0.0160 mg/L	0.0160 mg/L	11:54:48
2	Ni 231.604†	23683.0	25797.4	0.4662 mg/L	0.4662 mg/L	11:54:48
2	P 214.914†	-12.1	-123.4	-0.0400 mg/L	-0.0400 mg/L	11:54:48
2	Pb 220.353†	3935.6	4478.5	0.4846 mg/L	0.4846 mg/L	11:54:48
2	Sb 206.836†	37.4	0.1	-0.0038 mg/L	-0.0038 mg/L	11:54:48
2	Se 196.026†	16.1	22.7	0.0299 mg/L	0.0299 mg/L	11:54:48
2	Sn 189.927†	356.2	148.1	0.0364 mg/L	0.0364 mg/L	11:54:48
2	Sr 407.771†	20925.3	20327.5	0.0007 mg/L	0.0007 mg/L	11:54:27
2	Ti 337.279†	2287.7	4785.2	0.0066 mg/L	0.0066 mg/L	11:54:27
2	Tl 190.801†	120.8	153.4	0.1303 mg/L	0.1303 mg/L	11:54:48
2	V 292.402†	51438.5	58081.6	0.2555 mg/L	0.2555 mg/L	11:54:27
2	Zn 213.857†	44817.0	48626.3	0.5071 mg/L	0.5071 mg/L	11:54:27

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3338228.5	0.910 mg/L	0.0044			0.48%
Ag 328.068†	142212.8	0.5348 mg/L	0.00283	0.5348 mg/L	0.00283	0.53%
QC value within limits for Ag 328.068			Recovery = 106.96%			
Al 237.313†	2051578.4	262.5 mg/L	0.11	262.5 mg/L	0.11	0.04%
QC value within limits for Al 237.313			Recovery = 105.01%			
As 188.979†	-13.8	-0.0166 mg/L	0.00229	-0.0166 mg/L	0.00229	13.79%
QC value within limits for As 188.979			Recovery = Not calculated			

B	182.528†	10.9	0.0280 mg/L	0.00868	0.0280 mg/L	0.00868	30.97%
	QC value within limits for B 182.528 Recovery = Not calculated						
Ba	233.527†	27632.3	0.2581 mg/L	0.00062	0.2581 mg/L	0.00062	0.24%
	QC value within limits for Ba 233.527 Recovery = 103.25%						
Be	313.107†	1131079.9	0.2603 mg/L	0.00007	0.2603 mg/L	0.00007	0.03%
	QC value within limits for Be 313.107 Recovery = 104.13%						
Ca	315.886†	43290043.2	248.3 mg/L	2.50	248.3 mg/L	2.50	1.01%
	QC value within limits for Ca 315.886 Recovery = 99.31%						
Cd	228.802†	23375.0	0.4818 mg/L	0.00213	0.4818 mg/L	0.00213	0.44%
	QC value within limits for Cd 228.802 Recovery = 96.36%						
Co	228.616†	10253.3	0.2325 mg/L	0.00015	0.2325 mg/L	0.00015	0.07%
	QC value within limits for Co 228.616 Recovery = 93.00%						
Cr	267.716†	41132.8	0.2496 mg/L	0.00119	0.2496 mg/L	0.00119	0.48%
	QC value within limits for Cr 267.716 Recovery = 99.85%						
Cu	324.752†	55503.3	0.2566 mg/L	0.00105	0.2566 mg/L	0.00105	0.41%
	QC value within limits for Cu 324.752 Recovery = 102.62%						
Fe	234.349†	4902618.5	95.01 mg/L	0.016	95.01 mg/L	0.016	0.02%
	QC value within limits for Fe 234.349 Recovery = 95.01%						
Fe	238.204†	11403435.4	89.32 mg/L	0.869	89.32 mg/L	0.869	0.97%
	QC value within limits for Fe 238.204 Recovery = 89.32%						
K	766.490†	220.3	0.6732 mg/L	0.02290	0.6732 mg/L	0.02290	3.40%
	QC value within limits for K 766.490 Recovery = Not calculated						
Li	670.784†	42.4	0.0051 mg/L	0.00020	0.0051 mg/L	0.00020	4.01%
	QC value within limits for Li 670.784 Recovery = Not calculated						
Mg	279.077†	6060949.6	243.2 mg/L	0.06	243.2 mg/L	0.06	0.03%
	QC value within limits for Mg 279.077 Recovery = 97.30%						
Mn	257.610†	202904.4	0.2529 mg/L	0.00104	0.2529 mg/L	0.00104	0.41%
	QC value within limits for Mn 257.610 Recovery = 101.17%						
Mo	202.031†	247.5	0.0167 mg/L	0.00100	0.0167 mg/L	0.00100	5.99%
	QC value within limits for Mo 202.031 Recovery = Not calculated						
Na	589.592	1233.8	0.2417 mg/L	0.00028	0.2417 mg/L	0.00028	0.12%
	QC value within limits for Na 589.592 Recovery = Not calculated						
Ni	231.604†	25741.2	0.4652 mg/L	0.00144	0.4652 mg/L	0.00144	0.31%
	QC value within limits for Ni 231.604 Recovery = 93.04%						
P	214.914†	-124.4	-0.0407 mg/L	0.00093	-0.0407 mg/L	0.00093	2.29%
	QC value within limits for P 214.914 Recovery = Not calculated						
Pb	220.353†	4455.5	0.4824 mg/L	0.00315	0.4824 mg/L	0.00315	0.65%
	QC value within limits for Pb 220.353 Recovery = 96.48%						
Sb	206.836†	1.8	-0.0029 mg/L	0.00115	-0.0029 mg/L	0.00115	38.90%
	QC value within limits for Sb 206.836 Recovery = Not calculated						
Se	196.026†	23.5	0.0308 mg/L	0.00127	0.0308 mg/L	0.00127	4.13%
	QC value greater than the upper limit for Se 196.026 Recovery = Not calculated						
Sn	189.927†	143.3	0.0353 mg/L	0.00149	0.0353 mg/L	0.00149	4.23%
	QC value within limits for Sn 189.927 Recovery = Not calculated						
Sr	407.771†	20330.8	0.0007 mg/L	0.00000	0.0007 mg/L	0.00000	0.03%
	QC value within limits for Sr 407.771 Recovery = Not calculated						
Ti	337.279†	4754.5	0.0065 mg/L	0.00005	0.0065 mg/L	0.00005	0.77%
	QC value within limits for Ti 337.279 Recovery = Not calculated						
Tl	190.801†	160.9	0.1358 mg/L	0.00776	0.1358 mg/L	0.00776	5.72%
	QC value greater than the upper limit for Tl 190.801 Recovery = Not calculated						
V	292.402†	57970.0	0.2550 mg/L	0.00070	0.2550 mg/L	0.00070	0.28%
	QC value within limits for V 292.402 Recovery = 102.00%						
Zn	213.857†	48477.6	0.5056 mg/L	0.00223	0.5056 mg/L	0.00223	0.44%
	QC value within limits for Zn 213.857 Recovery = 101.11%						
QC Failed. Continue with analysis.							

Sequence No.: 13

Sample ID: wash

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 0

Date Collected: 8/3/2006 11:56:26 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: wash

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	-136.1	-24.7	0.5594 mg/L	0.5594 mg/L	11:57:53
1	Li 670.784†	-173.2	2.7	0.0046 mg/L	0.0046 mg/L	11:57:53
1	Na 589.592	2983.8	396.4	0.1073 mg/L	0.1073 mg/L	11:57:53
1	Y 371.029	3657890.7	3657890.7	0.997 mg/L		11:58:07
1	Ag 328.068†	-2178.2	328.3	0.0015 mg/L	0.0015 mg/L	11:58:12

Sb 206.836	0.5043	0.4910	0.004	mg/L	97.3
Se 196.026	0.9997	0.9409	0.011	mg/L	94.1
Sn 189.927	0.5228	0.5280	0.001	mg/L	101.0
Sr 407.771	0.3729	0.3834	0.002	mg/L	121.1
Ti 337.279	0.5011	0.4799	0.003	mg/L	95.8
Tl 190.801	0.5883	0.6045	0.003	mg/L	103.2
V 292.402	0.5012	0.5199	0.003	mg/L	103.7
Zn 213.857	0.5206	0.4894	0.003	mg/L	93.8

Sequence No.: 40

Sample ID: CCV

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/3/2006 3:19:37 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: CCV

Repl#	Analyte	Net		Corrected		Calib.		Sample		Analysis Time
		Intensity	Conc.	Intensity	Conc.	Units	Conc.	Units		
1	K 766.490†	52600.2	26.98	56841.1	26.98	mg/L	26.98	mg/L	15:21:14	
1	Li 670.784†	38864.9	0.5374	42092.1	0.5374	mg/L	0.5374	mg/L	15:21:14	
1	Na 589.592	152591.2	24.10	150003.8	24.10	mg/L	24.10	mg/L	15:21:14	
1	Y 371.029	3400790.7	0.927	3400790.7	0.927	mg/L			15:21:29	
1	Ag 328.068†	61128.9	0.2561	68440.0	0.2561	mg/L	0.2561	mg/L	15:21:35	
1	Al 237.313†	18221.2	2.548	19855.4	2.548	mg/L	2.548	mg/L	15:21:35	
1	As 188.979†	371.8	0.5137	393.3	0.5137	mg/L	0.5137	mg/L	15:21:55	
1	B 182.528†	213.6	0.5118	236.5	0.5118	mg/L	0.5118	mg/L	15:21:55	
1	Ba 233.527†	50860.6	0.5122	54943.7	0.5122	mg/L	0.5122	mg/L	15:21:35	
1	Be 313.107†	203446.2	0.0507	221551.6	0.0507	mg/L	0.0507	mg/L	15:21:35	
1	Ca 315.886†	827006.7	5.116	888726.6	5.116	mg/L	5.116	mg/L	15:21:29	
1	Cd 228.802†	11676.6	0.2555	12445.0	0.2555	mg/L	0.2555	mg/L	15:21:55	
1	Co 228.616†	20784.0	0.5120	22620.3	0.5120	mg/L	0.5120	mg/L	15:21:35	
1	Cr 267.716†	83109.5	0.5107	86272.5	0.5107	mg/L	0.5107	mg/L	15:21:35	
1	Cu 324.752†	111305.1	0.5109	118025.4	0.5109	mg/L	0.5109	mg/L	15:21:35	
1	Fe 234.349†	124041.8	2.562	132291.7	2.562	mg/L	2.562	mg/L	15:21:35	
1	Fe 238.204†	303920.5	2.565	326966.0	2.565	mg/L	2.565	mg/L	15:21:35	
1	Mg 279.077†	118624.1	5.128	127611.4	5.128	mg/L	5.128	mg/L	15:21:35	
1	Mn 257.610†	387296.6	0.5205	416449.2	0.5205	mg/L	0.5205	mg/L	15:21:35	
1	Mo 202.031†	7252.6	0.5073	7790.0	0.5073	mg/L	0.5073	mg/L	15:21:55	
1	Ni 231.604†	26651.8	0.5143	28431.5	0.5143	mg/L	0.5143	mg/L	15:21:35	
1	P 214.914†	7313.6	5.025	7777.7	5.025	mg/L	5.025	mg/L	15:21:55	
1	Pb 220.353†	4694.6	0.5088	5202.7	0.5088	mg/L	0.5088	mg/L	15:21:55	
1	Sb 206.836†	1060.6	0.5061	1102.8	0.5061	mg/L	0.5061	mg/L	15:21:55	
1	Se 196.026†	869.3	1.009	942.4	1.009	mg/L	1.009	mg/L	15:21:55	
1	Sn 189.927†	2347.5	0.5069	2287.2	0.5069	mg/L	0.5069	mg/L	15:21:55	
1	Sr 407.771†	1150373.5	0.0516	1237936.1	0.0516	mg/L	0.0516	mg/L	15:21:29	
1	Ti 337.279†	404825.7	0.5084	438867.8	0.5084	mg/L	0.5084	mg/L	15:21:29	
1	Tl 190.801†	699.1	0.5867	774.2	0.5867	mg/L	0.5867	mg/L	15:21:55	
1	V 292.402†	101756.5	0.5179	111116.7	0.5179	mg/L	0.5179	mg/L	15:21:35	
1	Zn 213.857†	45266.7	0.5096	48037.0	0.5096	mg/L	0.5096	mg/L	15:21:35	
2	K 766.490†	52747.4	27.03	56944.0	27.03	mg/L	27.03	mg/L	15:21:21	
2	Li 670.784†	38923.4	0.5376	42114.0	0.5376	mg/L	0.5376	mg/L	15:21:21	
2	Na 589.592	152630.0	24.11	150042.6	24.11	mg/L	24.11	mg/L	15:21:21	
2	Y 371.029	3404132.4	0.928	3404132.4	0.928	mg/L			15:22:01	
2	Ag 328.068†	61647.6	0.2580	68934.1	0.2580	mg/L	0.2580	mg/L	15:22:07	
2	Al 237.313†	18314.7	2.558	19936.8	2.558	mg/L	2.558	mg/L	15:22:07	
2	As 188.979†	371.1	0.5122	392.2	0.5122	mg/L	0.5122	mg/L	15:22:27	
2	B 182.528†	213.2	0.5103	235.9	0.5103	mg/L	0.5103	mg/L	15:22:27	
2	Ba 233.527†	51108.5	0.5142	55156.9	0.5142	mg/L	0.5142	mg/L	15:22:07	
2	Be 313.107†	204586.7	0.0510	222565.0	0.0510	mg/L	0.0510	mg/L	15:22:07	
2	Ca 315.886†	825979.4	5.105	886744.3	5.105	mg/L	5.105	mg/L	15:22:01	
2	Cd 228.802†	11602.8	0.2536	12353.1	0.2536	mg/L	0.2536	mg/L	15:22:27	
2	Co 228.616†	20880.5	0.5139	22702.3	0.5139	mg/L	0.5139	mg/L	15:22:07	
2	Cr 267.716†	83475.7	0.5125	86579.1	0.5125	mg/L	0.5125	mg/L	15:22:07	
2	Cu 324.752†	111860.8	0.5130	118506.3	0.5130	mg/L	0.5130	mg/L	15:22:07	
2	Fe 234.349†	124727.3	2.574	132898.9	2.574	mg/L	2.574	mg/L	15:22:07	
2	Fe 238.204†	305407.0	2.575	328245.9	2.575	mg/L	2.575	mg/L	15:22:07	
2	Mg 279.077†	119010.4	5.139	127902.0	5.139	mg/L	5.139	mg/L	15:22:07	
2	Mn 257.610†	389437.2	0.5228	418345.5	0.5228	mg/L	0.5228	mg/L	15:22:07	
2	Mo 202.031†	7217.8	0.5044	7744.8	0.5044	mg/L	0.5044	mg/L	15:22:27	
2	Ni 231.604†	26871.0	0.5180	28639.5	0.5180	mg/L	0.5180	mg/L	15:22:07	

2	P 214.914†	7286.4	7740.6	5.001 mg/L	5.001 mg/L	15:22:27
2	Pb 220.353†	4670.2	5171.5	0.5057 mg/L	0.5057 mg/L	15:22:27
2	Sb 206.836†	1052.0	1092.4	0.5012 mg/L	0.5012 mg/L	15:22:27
2	Se 196.026†	866.8	938.9	1.005 mg/L	1.005 mg/L	15:22:27
2	Sn 189.927†	2342.6	2279.4	0.5051 mg/L	0.5051 mg/L	15:22:27
2	Sr 407.771†	1150240.3	1236574.8	0.0516 mg/L	0.0516 mg/L	15:22:01
2	Ti 337.279†	404939.6	438561.9	0.5080 mg/L	0.5080 mg/L	15:22:01
2	Tl 190.801†	700.7	775.2	0.5874 mg/L	0.5874 mg/L	15:22:27
2	V 292.402†	102194.7	111481.0	0.5195 mg/L	0.5195 mg/L	15:22:07
2	Zn 213.857†	45429.4	48164.4	0.5109 mg/L	0.5109 mg/L	15:22:07

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3402461.6	0.928 mg/L	0.0006			
Ag 328.068†	68687.1	0.2571 mg/L	0.00130	0.2571 mg/L	0.00130	0.07%
QC value within limits for Ag 328.068		Recovery = 102.83%				0.51%
Al 237.313†	19896.1	2.553 mg/L	0.0073	2.553 mg/L	0.0073	0.29%
QC value within limits for Al 237.313		Recovery = 102.12%				
As 188.979†	392.8	0.5130 mg/L	0.00101	0.5130 mg/L	0.00101	0.20%
QC value within limits for As 188.979		Recovery = 102.59%				
B 182.528†	236.2	0.5110 mg/L	0.00105	0.5110 mg/L	0.00105	0.20%
QC value within limits for B 182.528		Recovery = 102.21%				
Ba 233.527†	55050.3	0.5132 mg/L	0.00140	0.5132 mg/L	0.00140	0.27%
QC value within limits for Ba 233.527		Recovery = 102.64%				
Be 313.107†	222058.3	0.0508 mg/L	0.00016	0.0508 mg/L	0.00016	0.32%
QC value within limits for Be 313.107		Recovery = 101.68%				
Ca 315.886†	887735.5	5.111 mg/L	0.0080	5.111 mg/L	0.0080	0.16%
QC value within limits for Ca 315.886		Recovery = 102.21%				
Cd 228.802†	12399.0	0.2545 mg/L	0.00132	0.2545 mg/L	0.00132	0.52%
QC value within limits for Cd 228.802		Recovery = 101.82%				
Co 228.616†	22661.3	0.5130 mg/L	0.00132	0.5130 mg/L	0.00132	0.26%
QC value within limits for Co 228.616		Recovery = 102.59%				
Cr 267.716†	86425.8	0.5116 mg/L	0.00128	0.5116 mg/L	0.00128	0.25%
QC value within limits for Cr 267.716		Recovery = 102.33%				
Cu 324.752†	118265.9	0.5120 mg/L	0.00147	0.5120 mg/L	0.00147	0.29%
QC value within limits for Cu 324.752		Recovery = 102.40%				
Fe 234.349†	132595.3	2.568 mg/L	0.0083	2.568 mg/L	0.0083	0.32%
QC value within limits for Fe 234.349		Recovery = 102.73%				
Fe 238.204†	327606.0	2.570 mg/L	0.0071	2.570 mg/L	0.0071	0.28%
QC value within limits for Fe 238.204		Recovery = 102.78%				
K 766.490†	56892.5	27.00 mg/L	0.034	27.00 mg/L	0.034	0.13%
QC value within limits for K 766.490		Recovery = 108.01%				
Li 670.784†	42103.1	0.5375 mg/L	0.00020	0.5375 mg/L	0.00020	0.04%
QC value within limits for Li 670.784		Recovery = 107.50%				
Mg 279.077†	127756.7	5.133 mg/L	0.0083	5.133 mg/L	0.0083	0.16%
QC value within limits for Mg 279.077		Recovery = 102.67%				
Mn 257.610†	417397.3	0.5216 mg/L	0.00168	0.5216 mg/L	0.00168	0.32%
QC value within limits for Mn 257.610		Recovery = 104.33%				
Mo 202.031†	7767.4	0.5058 mg/L	0.00208	0.5058 mg/L	0.00208	0.41%
QC value within limits for Mo 202.031		Recovery = 101.17%				
Na 589.592	150023.2	24.10 mg/L	0.004	24.10 mg/L	0.004	0.02%
QC value within limits for Na 589.592		Recovery = 96.42%				
Ni 231.604†	28535.5	0.5161 mg/L	0.00266	0.5161 mg/L	0.00266	0.52%
QC value within limits for Ni 231.604		Recovery = 103.23%				
P 214.914†	7759.1	5.013 mg/L	0.0168	5.013 mg/L	0.0168	0.33%
QC value within limits for P 214.914		Recovery = 100.26%				
Pb 220.353†	5187.1	0.5072 mg/L	0.00216	0.5072 mg/L	0.00216	0.43%
QC value within limits for Pb 220.353		Recovery = 101.45%				
Sb 206.836†	1097.6	0.5037 mg/L	0.00348	0.5037 mg/L	0.00348	0.69%
QC value within limits for Sb 206.836		Recovery = 100.74%				
Se 196.026†	940.6	1.007 mg/L	0.0027	1.007 mg/L	0.0027	0.27%
QC value within limits for Se 196.026		Recovery = 100.72%				
Sn 189.927†	2283.3	0.5060 mg/L	0.00122	0.5060 mg/L	0.00122	0.24%
QC value within limits for Sn 189.927		Recovery = 101.20%				
Sr 407.771†	1237255.5	0.0516 mg/L	0.00004	0.0516 mg/L	0.00004	0.08%
QC value within limits for Sr 407.771		Recovery = 103.17%				
Ti 337.279†	438714.8	0.5082 mg/L	0.00025	0.5082 mg/L	0.00025	0.05%
QC value within limits for Ti 337.279		Recovery = 101.64%				
Tl 190.801†	774.7	0.5870 mg/L	0.00051	0.5870 mg/L	0.00051	0.09%
QC value greater than the upper limit for Tl 190.801		Recovery = 117.41%				

V 292.402† 111298.8 0.5187 mg/L 0.00114 0.5187 mg/L 0.00114 0.22%
 QC value within limits for V 292.402 Recovery = 103.74%
 Zn 213.857† 48100.7 0.5102 mg/L 0.00094 0.5102 mg/L 0.00094 0.18%
 QC value within limits for Zn 213.857 Recovery = 102.04%
 QC Failed. Continue with analysis.

Sequence No.: 41

Autosampler Location: 1

Sample ID: ICCB

Date Collected: 8/3/2006 3:24:06 PM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Replicate Data: ICCB

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	687.7	843.0	0.9626 mg/L	0.9626 mg/L	15:25:39
1	Li 670.784†	-139.8	27.7	0.0049 mg/L	0.0049 mg/L	15:25:39
1	Na 589.592	11058.6	8471.3	1.402 mg/L	1.402 mg/L	15:25:39
1	Y 371.029	3449273.0	3449273.0	0.940 mg/L	0.940 mg/L	15:25:52
1	Ag 328.068†	-2003.1	382.4	0.0017 mg/L	0.0017 mg/L	15:25:58
1	Al 237.313†	-199.6	-8.4	0.0114 mg/L	0.0114 mg/L	15:26:18
1	As 188.979†	7.3	0.2	0.0019 mg/L	0.0019 mg/L	15:26:18
1	B 182.528†	0.8	7.0	0.0198 mg/L	0.0198 mg/L	15:26:18
1	Ba 233.527†	-82.5	2.8	0.0014 mg/L	0.0014 mg/L	15:26:18
1	Be 313.107†	-2133.9	-134.3	0.0002 mg/L	0.0002 mg/L	15:25:58
1	Ca 315.886†	3362.6	375.2	0.0193 mg/L	0.0193 mg/L	15:25:58
1	Cd 228.802†	150.7	12.0	0.0008 mg/L	0.0008 mg/L	15:26:18
1	Co 228.616†	-187.8	5.1	0.0001 mg/L	0.0001 mg/L	15:26:18
1	Cr 267.716†	3267.2	113.1	0.0016 mg/L	0.0016 mg/L	15:25:58
1	Cu 324.752†	1801.0	-102.0	-0.0013 mg/L	-0.0013 mg/L	15:25:58
1	Fe 234.349†	1678.0	296.8	0.0099 mg/L	0.0099 mg/L	15:26:18
1	Fe 238.204†	1264.5	532.2	0.0071 mg/L	0.0071 mg/L	15:26:18
1	Mg 279.077†	404.8	105.8	0.0052 mg/L	0.0052 mg/L	15:25:58
1	Mn 257.610†	797.2	-402.6	-0.0018 mg/L	-0.0018 mg/L	15:25:58
1	Mo 202.031†	57.0	28.7	0.0025 mg/L	0.0025 mg/L	15:26:18
1	Ni 231.604†	340.1	49.2	0.0003 mg/L	0.0003 mg/L	15:26:18
1	P 214.914†	99.6	-4.1	0.0364 mg/L	0.0364 mg/L	15:26:18
1	Pb 220.353†	-129.1	2.3	0.0005 mg/L	0.0005 mg/L	15:26:18
1	Sb 206.836†	39.5	0.9	0.0005 mg/L	0.0005 mg/L	15:26:18
1	Se 196.026†	-3.3	1.3	0.0071 mg/L	0.0071 mg/L	15:26:18
1	Sn 189.927†	175.7	-57.8	-0.0130 mg/L	-0.0130 mg/L	15:26:18
1	Sr 407.771†	3265.2	730.0	-0.0001 mg/L	-0.0001 mg/L	15:25:52
1	Ti 337.279†	-2332.6	-217.2	0.0008 mg/L	0.0008 mg/L	15:25:58
1	Tl 190.801†	-8.2	11.5	0.0244 mg/L	0.0244 mg/L	15:26:18
1	V 292.402†	-1399.3	-115.7	0.0012 mg/L	0.0012 mg/L	15:25:58
1	Zn 213.857†	793.3	60.4	0.0021 mg/L	0.0021 mg/L	15:26:18
2	K 766.490†	797.5	958.9	1.016 mg/L	1.016 mg/L	15:25:44
2	Li 670.784†	-127.8	40.6	0.0051 mg/L	0.0051 mg/L	15:25:44
2	Na 589.592	11087.7	8500.3	1.407 mg/L	1.407 mg/L	15:25:44
2	Y 371.029	3452881.5	3452881.5	0.941 mg/L	0.941 mg/L	15:26:24
2	Ag 328.068†	-2056.2	328.3	0.0015 mg/L	0.0015 mg/L	15:26:29
2	Al 237.313†	-213.7	-23.1	0.0095 mg/L	0.0095 mg/L	15:26:49
2	As 188.979†	10.6	3.6	0.0064 mg/L	0.0064 mg/L	15:26:49
2	B 182.528†	-3.2	2.8	0.0107 mg/L	0.0107 mg/L	15:26:49
2	Ba 233.527†	-89.3	-4.4	0.0013 mg/L	0.0013 mg/L	15:26:49
2	Be 313.107†	-2007.4	2.4	0.0002 mg/L	0.0002 mg/L	15:26:29
2	Ca 315.886†	3503.2	520.9	0.0201 mg/L	0.0201 mg/L	15:26:29
2	Cd 228.802†	137.4	-2.3	0.0005 mg/L	0.0005 mg/L	15:26:49
2	Co 228.616†	-181.9	11.6	0.0002 mg/L	0.0002 mg/L	15:26:49
2	Cr 267.716†	3369.7	218.3	0.0022 mg/L	0.0022 mg/L	15:26:29
2	Cu 324.752†	1783.7	-122.4	-0.0014 mg/L	-0.0014 mg/L	15:26:29
2	Fe 234.349†	1677.8	294.8	0.0099 mg/L	0.0099 mg/L	15:26:49
2	Fe 238.204†	1258.2	524.1	0.0070 mg/L	0.0070 mg/L	15:26:49
2	Mg 279.077†	477.4	182.4	0.0083 mg/L	0.0083 mg/L	15:26:29
2	Mn 257.610†	756.2	-447.1	-0.0018 mg/L	-0.0018 mg/L	15:26:29
2	Mo 202.031†	43.2	14.0	0.0015 mg/L	0.0015 mg/L	15:26:49
2	Ni 231.604†	325.0	32.8	0.0000 mg/L	0.0000 mg/L	15:26:49
2	P 214.914†	105.6	2.1	0.0404 mg/L	0.0404 mg/L	15:26:49
2	Pb 220.353†	-141.7	-11.0	-0.0008 mg/L	-0.0008 mg/L	15:26:49
2	Sb 206.836†	40.8	2.3	0.0011 mg/L	0.0011 mg/L	15:26:49

2	Se 196.026†	-7.3	-2.8	0.0027 mg/L	0.0027 mg/L	15:26:49
2	Sn 189.927†	160.5	-74.2	-0.0166 mg/L	-0.0166 mg/L	15:26:49
2	Sr 407.771†	3114.0	565.7	-0.0001 mg/L	-0.0001 mg/L	15:26:24
2	Ti 337.279†	-2397.7	-283.8	0.0007 mg/L	0.0007 mg/L	15:26:29
2	Tl 190.801†	0.3	20.6	0.0310 mg/L	0.0310 mg/L	15:26:49
2	V 292.402†	-1292.9	-1.2	0.0018 mg/L	0.0018 mg/L	15:26:29
2	Zn 213.857†	778.7	44.0	0.0019 mg/L	0.0019 mg/L	15:26:49

Mean Data: ICCB

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3451077.2	0.941 mg/L	0.0007			0.07%
Ag 328.068†	355.3	0.0016 mg/L	0.00014	0.0016 mg/L	0.00014	8.74%
QC value within limits for Ag 328.068		Recovery = Not calculated				
Al 237.313†	-15.8	0.0104 mg/L	0.00133	0.0104 mg/L	0.00133	12.76%
QC value within limits for Al 237.313		Recovery = Not calculated				
As 188.979†	1.9	0.0042 mg/L	0.00319	0.0042 mg/L	0.00319	76.78%
QC value within limits for As 188.979		Recovery = Not calculated				
B 182.528†	4.9	0.0152 mg/L	0.00641	0.0152 mg/L	0.00641	42.08%
QC value within limits for B 182.528		Recovery = Not calculated				
Ba 233.527†	-0.8	0.0013 mg/L	0.00005	0.0013 mg/L	0.00005	3.61%
QC value within limits for Ba 233.527		Recovery = Not calculated				
Be 313.107†	-65.9	0.0002 mg/L	0.00002	0.0002 mg/L	0.00002	10.83%
QC value within limits for Be 313.107		Recovery = Not calculated				
Ca 315.886†	448.1	0.0197 mg/L	0.00059	0.0197 mg/L	0.00059	3.02%
QC value within limits for Ca 315.886		Recovery = Not calculated				
Cd 228.802†	4.8	0.0007 mg/L	0.00023	0.0007 mg/L	0.00023	32.96%
QC value within limits for Cd 228.802		Recovery = Not calculated				
Co 228.616†	8.4	0.0002 mg/L	0.00010	0.0002 mg/L	0.00010	61.24%
QC value within limits for Co 228.616		Recovery = Not calculated				
Cr 267.716†	165.7	0.0019 mg/L	0.00044	0.0019 mg/L	0.00044	23.46%
QC value within limits for Cr 267.716		Recovery = Not calculated				
Cu 324.752†	-112.2	-0.0014 mg/L	0.00006	-0.0014 mg/L	0.00006	4.48%
QC value within limits for Cu 324.752		Recovery = Not calculated				
Fe 234.349†	295.8	0.0099 mg/L	0.00003	0.0099 mg/L	0.00003	0.26%
QC value within limits for Fe 234.349		Recovery = Not calculated				
Fe 238.204†	528.2	0.0071 mg/L	0.00004	0.0071 mg/L	0.00004	0.63%
QC value within limits for Fe 238.204		Recovery = Not calculated				
K 766.490†	901.0	0.9895 mg/L	0.03806	0.9895 mg/L	0.03806	3.85%
QC value greater than the upper limit for K 766.490		Recovery = Not calculated				
Li 670.784†	34.1	0.0050 mg/L	0.00012	0.0050 mg/L	0.00012	2.32%
QC value within limits for Li 670.784		Recovery = Not calculated				
Mg 279.077†	144.1	0.0067 mg/L	0.00217	0.0067 mg/L	0.00217	32.29%
QC value within limits for Mg 279.077		Recovery = Not calculated				
Mn 257.610†	-424.8	-0.0018 mg/L	0.00004	-0.0018 mg/L	0.00004	2.18%
QC value within limits for Mn 257.610		Recovery = Not calculated				
Mo 202.031†	21.3	0.0020 mg/L	0.00068	0.0020 mg/L	0.00068	34.09%
QC value within limits for Mo 202.031		Recovery = Not calculated				
Na 589.592	8485.8	1.405 mg/L	0.0033	1.405 mg/L	0.0033	0.23%
QC value within limits for Na 589.592		Recovery = Not calculated				
Ni 231.604†	41.0	0.0002 mg/L	0.00021	0.0002 mg/L	0.00021	129.06%
QC value within limits for Ni 231.604		Recovery = Not calculated				
P 214.914†	-1.0	0.0384 mg/L	0.00280	0.0384 mg/L	0.00280	7.29%
QC value within limits for P 214.914		Recovery = Not calculated				
Pb 220.353†	-4.3	-0.0002 mg/L	0.00092	-0.0002 mg/L	0.00092	525.91%
QC value within limits for Pb 220.353		Recovery = Not calculated				
Sb 206.836†	1.6	0.0008 mg/L	0.00045	0.0008 mg/L	0.00045	54.09%
QC value within limits for Sb 206.836		Recovery = Not calculated				
Se 196.026†	-0.7	0.0049 mg/L	0.00314	0.0049 mg/L	0.00314	63.86%
QC value within limits for Se 196.026		Recovery = Not calculated				
Sn 189.927†	-66.0	-0.0148 mg/L	0.00257	-0.0148 mg/L	0.00257	17.34%
QC value within limits for Sn 189.927		Recovery = Not calculated				
Sr 407.771†	647.9	-0.0001 mg/L	0.00000	-0.0001 mg/L	0.00000	5.02%
QC value within limits for Sr 407.771		Recovery = Not calculated				
Ti 337.279†	-250.5	0.0007 mg/L	0.00005	0.0007 mg/L	0.00005	7.31%
QC value within limits for Ti 337.279		Recovery = Not calculated				
Tl 190.801†	16.1	0.0277 mg/L	0.00470	0.0277 mg/L	0.00470	16.99%
QC value within limits for Tl 190.801		Recovery = Not calculated				
V 292.402†	-58.4	0.0015 mg/L	0.00036	0.0015 mg/L	0.00036	23.96%
QC value within limits for V 292.402		Recovery = Not calculated				
Zn 213.857†	52.2	0.0020 mg/L	0.00012	0.0020 mg/L	0.00012	5.96%

QC value within limits for Zn 213.857 Recovery = Not calculated
 QC Failed. Continue with analysis.

Sequence No.: 42
 Sample ID: BH60210-SRM2
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 40
 Date Collected: 8/3/2006 3:28:27 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: BH60210-SRM2

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	706.5	907.5	0.9925 mg/L	0.9925 mg/L	15:30:01
1	Li 670.784†	-154.6	2.2	0.0046 mg/L	0.0046 mg/L	15:30:01
1	Na 589.592	61810.0	59222.6	9.542 mg/L	9.542 mg/L	15:30:01
1	Y 371.029	3256312.5	3256312.5	0.888 mg/L		15:30:21
1	Ag 328.068†	329006.2	373089.1	1.396 mg/L	1.396 mg/L	15:30:21
1	Al 237.313†	29531.3	33466.5	4.279 mg/L	4.279 mg/L	15:30:26
1	As 188.979†	22.0	17.1	0.0152 mg/L	0.0152 mg/L	15:30:46
1	B 182.528†	1411.3	1595.8	3.426 mg/L	3.426 mg/L	15:30:46
1	Ba 233.527†	312261.8	351807.2	3.272 mg/L	3.272 mg/L	15:30:26
1	Be 313.107†	122.8	2273.1	-0.0018 mg/L	-0.0018 mg/L	15:30:26
1	Ca 315.886†	712482.2	799305.4	4.623 mg/L	4.623 mg/L	15:30:21
1	Cd 228.802†	164533.3	185174.1	3.797 mg/L	3.797 mg/L	15:30:26
1	Co 228.616†	148.4	372.0	-0.0002 mg/L	-0.0002 mg/L	15:30:46
1	Cr 267.716†	454235.8	508268.3	3.002 mg/L	3.002 mg/L	15:30:21
1	Cu 324.752†	892812.1	1003603.5	4.348 mg/L	4.348 mg/L	15:30:21
1	Fe 234.349†	202673.9	226794.7	4.351 mg/L	4.351 mg/L	15:30:26
1	Fe 238.204†	490050.9	551157.4	4.325 mg/L	4.325 mg/L	15:30:21
1	Mg 279.077†	94087.4	105650.8	4.288 mg/L	4.288 mg/L	15:30:26
1	Mn 257.610†	3322002.6	3740493.8	4.685 mg/L	4.685 mg/L	15:30:21
1	Mo 202.031†	56116.6	63175.1	4.110 mg/L	4.110 mg/L	15:30:26
1	Ni 231.604†	214648.2	241457.0	4.368 mg/L	4.368 mg/L	15:30:26
1	P 214.914†	5481.5	6064.1	3.926 mg/L	3.926 mg/L	15:30:46
1	Pb 220.353†	32242.3	36455.8	3.564 mg/L	3.564 mg/L	15:30:26
1	Sb 206.836†	98.4	69.8	-0.0314 mg/L	-0.0314 mg/L	15:30:46
1	Se 196.026†	0.6	5.6	0.0117 mg/L	0.0117 mg/L	15:30:46
1	Sn 189.927†	15851.9	17610.2	3.903 mg/L	3.903 mg/L	15:30:26
1	Sr 407.771†	2944056.5	3313301.8	0.1384 mg/L	0.1384 mg/L	15:30:21
1	Ti 337.279†	2747882.6	3097346.1	3.582 mg/L	3.582 mg/L	15:30:21
1	Tl 190.801†	-59.0	-46.3	0.0385 mg/L	0.0385 mg/L	15:30:46
1	V 292.402†	819661.0	924599.0	4.299 mg/L	4.299 mg/L	15:30:21
1	Zn 213.857†	343313.6	385908.8	4.083 mg/L	4.083 mg/L	15:30:26
2	K 766.490†	638.7	834.5	0.9586 mg/L	0.9586 mg/L	15:30:07
2	Li 670.784†	-156.1	-0.4	0.0045 mg/L	0.0045 mg/L	15:30:07
2	Na 589.592	61811.0	59223.6	9.542 mg/L	9.542 mg/L	15:30:07
2	Y 371.029	3241030.4	3241030.4	0.884 mg/L		15:30:57
2	Ag 328.068†	328219.8	373946.6	1.399 mg/L	1.399 mg/L	15:30:57
2	Al 237.313†	29098.5	33133.6	4.237 mg/L	4.237 mg/L	15:31:02
2	As 188.979†	19.9	14.9	0.0123 mg/L	0.0123 mg/L	15:31:22
2	B 182.528†	1427.7	1621.8	3.481 mg/L	3.481 mg/L	15:31:22
2	Ba 233.527†	308738.1	349478.0	3.251 mg/L	3.251 mg/L	15:31:02
2	Be 313.107†	133.6	2285.9	-0.0018 mg/L	-0.0018 mg/L	15:31:02
2	Ca 315.886†	708552.3	798642.1	4.619 mg/L	4.619 mg/L	15:30:57
2	Cd 228.802†	162854.7	184148.4	3.776 mg/L	3.776 mg/L	15:31:02
2	Co 228.616†	135.0	357.6	-0.0005 mg/L	-0.0005 mg/L	15:31:22
2	Cr 267.716†	452072.3	508232.3	3.002 mg/L	3.002 mg/L	15:30:57
2	Cu 324.752†	888837.5	1003847.3	4.349 mg/L	4.349 mg/L	15:30:57
2	Fe 234.349†	200412.5	225311.9	4.323 mg/L	4.323 mg/L	15:31:02
2	Fe 238.204†	487611.9	551000.0	4.324 mg/L	4.324 mg/L	15:30:57
2	Mg 279.077†	92919.5	104828.9	4.255 mg/L	4.255 mg/L	15:31:02
2	Mn 257.610†	3304424.7	3738244.7	4.682 mg/L	4.682 mg/L	15:30:57
2	Mo 202.031†	55609.3	62899.0	4.092 mg/L	4.092 mg/L	15:31:02
2	Ni 231.604†	212125.1	239741.7	4.337 mg/L	4.337 mg/L	15:31:02
2	P 214.914†	5459.0	6067.7	3.929 mg/L	3.929 mg/L	15:31:22
2	Pb 220.353†	31862.4	36197.1	3.538 mg/L	3.538 mg/L	15:31:02
2	Sb 206.836†	83.2	53.1	-0.0391 mg/L	-0.0391 mg/L	15:31:22
2	Se 196.026†	-7.4	-3.5	0.0020 mg/L	0.0020 mg/L	15:31:22
2	Sn 189.927†	15669.6	17488.1	3.876 mg/L	3.876 mg/L	15:31:02
2	Sr 407.771†	2930195.9	3313252.1	0.1384 mg/L	0.1384 mg/L	15:30:57

2	Sb 206.836†	54.0	18.9	0.0085 mg/L	0.0085 mg/L	15:40:39
2	Se 196.026†	-1.8	2.9	0.0088 mg/L	0.0088 mg/L	15:40:39
2	Sn 189.927†	221.9	1.9	0.0002 mg/L	0.0002 mg/L	15:40:39
2	Sr 407.771†	52251.4	55315.0	0.0022 mg/L	0.0022 mg/L	15:40:13
2	Ti 337.279†	-1354.9	757.7	0.0019 mg/L	0.0019 mg/L	15:40:19
2	Tl 190.801†	-7.6	11.8	0.0265 mg/L	0.0265 mg/L	15:40:39
2	V 292.402†	-1319.0	-93.3	0.0013 mg/L	0.0013 mg/L	15:40:19
2	Zn 213.857†	6594.7	6544.2	0.0708 mg/L	0.0708 mg/L	15:40:19

Mean Data: 0607433-01

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	3313524.5	0.903	mg/L	0.0048				0.54%
Ag 328.068†	334.9	0.0016	mg/L	0.00010	0.0016	mg/L	0.00010	5.99%
Al 237.313†	577.7	0.0834	mg/L	0.00504	0.0834	mg/L	0.00504	6.04%
As 188.979†	3.1	0.0057	mg/L	0.00585	0.0057	mg/L	0.00585	103.34%
B 182.528†	4210.0	9.030	mg/L	0.0182	9.030	mg/L	0.0182	0.20%
Ba 233.527†	166.0	0.0029	mg/L	0.00002	0.0029	mg/L	0.00002	0.73%
Be 313.107†	-102.2	0.0002	mg/L	0.00003	0.0002	mg/L	0.00003	15.60%
Ca 315.886†	138474.1	0.8112	mg/L	0.00322	0.8112	mg/L	0.00322	0.40%
Cd 228.802†	45.0	0.0015	mg/L	0.00014	0.0015	mg/L	0.00014	9.24%
Co 228.616†	87.9	0.0020	mg/L	0.00025	0.0020	mg/L	0.00025	12.87%
Cr 267.716†	4125.3	0.0253	mg/L	0.00002	0.0253	mg/L	0.00002	0.10%
Cu 324.752†	5821.2	0.0244	mg/L	0.00046	0.0244	mg/L	0.00046	1.87%
Fe 234.349†	33338.4	0.6499	mg/L	0.01656	0.6499	mg/L	0.01656	2.55%
Fe 238.204†	82017.9	0.6453	mg/L	0.01463	0.6453	mg/L	0.01463	2.27%
K 766.490†	3391.9	2.147	mg/L	0.0039	2.147	mg/L	0.0039	0.18%
Li 670.784†	1221.9	0.0200	mg/L	0.00004	0.0200	mg/L	0.00004	0.18%
Mg 279.077†	1800.1	0.0741	mg/L	0.01851	0.0741	mg/L	0.01851	24.96%
Mn 257.610†	91950.9	0.1139	mg/L	0.00110	0.1139	mg/L	0.00110	0.96%
Mo 202.031†	81.7	0.0059	mg/L	0.00079	0.0059	mg/L	0.00079	13.45%
Na 589.592	66895.7	10.77	mg/L	0.033	10.77	mg/L	0.033	0.30%
Ni 231.604†	1802.1	0.0320	mg/L	0.00017	0.0320	mg/L	0.00017	0.52%
P 214.914†	6240.3	4.039	mg/L	0.0136	4.039	mg/L	0.0136	0.34%
Pb 220.353†	1918.1	0.1873	mg/L	0.00219	0.1873	mg/L	0.00219	1.17%
Sb 206.836†	15.0	0.0066	mg/L	0.00260	0.0066	mg/L	0.00260	39.28%
Se 196.026†	4.0	0.0099	mg/L	0.00160	0.0099	mg/L	0.00160	16.11%
Sn 189.927†	6.6	0.0013	mg/L	0.00148	0.0013	mg/L	0.00148	114.40%
Sr 407.771†	55512.9	0.0022	mg/L	0.00001	0.0022	mg/L	0.00001	0.53%
Ti 337.279†	977.6	0.0022	mg/L	0.00036	0.0022	mg/L	0.00036	16.62%
Tl 190.801†	14.6	0.0286	mg/L	0.00292	0.0286	mg/L	0.00292	10.22%
V 292.402†	18.8	0.0018	mg/L	0.00074	0.0018	mg/L	0.00074	40.59%
Zn 213.857†	6595.4	0.0713	mg/L	0.00077	0.0713	mg/L	0.00077	1.08%

Sequence No.: 45
 Sample ID: 0608042-01
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 43
 Date Collected: 8/3/2006 3:42:16 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: 0608042-01

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	K 766.490†	3607.7	3883.4	2.375	mg/L	2.375	mg/L	15:43:51
1	Li 670.784†	2717.0	3016.7	0.0427	mg/L	0.0427	mg/L	15:43:51
1	Na 589.592	47036.4	44449.0	7.173	mg/L	7.173	mg/L	15:43:51
1	Y 371.029	3508342.2	3508342.2	0.957	mg/L			15:44:18
1	Ag 328.068†	132110.6	140625.8	0.5287	mg/L	0.5287	mg/L	15:44:24
1	Al 237.313†	221474.5	231741.7	29.43	mg/L	29.43	mg/L	15:44:24
1	As 188.979†	104.7	101.8	0.1269	mg/L	0.1269	mg/L	15:44:44
1	B 182.528†	36.5	44.4	0.0998	mg/L	0.0998	mg/L	15:44:44
1	Ba 233.527†	109267.5	114322.9	1.061	mg/L	1.061	mg/L	15:44:24
1	Be 313.107†	26781.9	30133.6	0.0065	mg/L	0.0065	mg/L	15:44:18
1	Ca 315.886†	3266520.1	3411743.6	19.61	mg/L	19.61	mg/L	15:44:18
1	Cd 228.802†	1092.9	994.3	0.0203	mg/L	0.0203	mg/L	15:44:44
1	Co 228.616†	1444.1	1714.6	0.0361	mg/L	0.0361	mg/L	15:44:44
1	Cr 267.716†	248735.2	256676.1	1.521	mg/L	1.521	mg/L	15:44:24
1	Cu 324.752†	10476941.5	10950974.7	47.43	mg/L	47.43	mg/L	15:44:11
1	Fe 234.349†	3166932.4	3309343.8	64.14	mg/L	64.14	mg/L	15:44:18

1	Fe 238.204†	7546056.3	7888121.0	61.79 mg/L	61.79 mg/L	15:44:11
1	Mg 279.077†	144456.8	150695.9	6.032 mg/L	6.032 mg/L	15:44:24
1	Mn 257.610†	562301.1	586600.6	0.7344 mg/L	0.7344 mg/L	15:44:18
1	Mo 202.031†	508.3	499.5	0.0331 mg/L	0.0331 mg/L	15:44:44
1	Ni 231.604†	21821.5	22500.6	0.4064 mg/L	0.4064 mg/L	15:44:24
1	P 214.914†	19859.8	20652.2	13.28 mg/L	13.28 mg/L	15:44:24
1	Pb 220.353†	53055.9	55606.2	5.405 mg/L	5.405 mg/L	15:44:24
1	Sb 206.836†	130.6	95.5	0.0325 mg/L	0.0325 mg/L	15:44:44
1	Se 196.026†	6.2	11.4	0.0178 mg/L	0.0178 mg/L	15:44:44
1	Sn 189.927†	3352.3	3259.9	0.7255 mg/L	0.7255 mg/L	15:44:44
1	Sr 407.771†	Saturated2	Saturated2			15:44:44
Saturated in preshot (code 2)						
1	Ti 337.279†	1057029.5	1107321.9	1.281 mg/L	1.281 mg/L	15:44:18
1	Tl 190.801†	30.6	52.2	0.0440 mg/L	0.0440 mg/L	15:44:44
1	V 292.402†	1030279.7	1078465.7	4.931 mg/L	4.931 mg/L	15:44:18
1	Zn 213.857†	233791.8	243631.6	2.593 mg/L	2.593 mg/L	15:44:24
2	K 766.490†	3629.3	3895.8	2.381 mg/L	2.381 mg/L	15:43:57
2	Li 670.784†	2698.6	2989.9	0.0424 mg/L	0.0424 mg/L	15:43:57
2	Na 589.592	47324.0	44736.6	7.219 mg/L	7.219 mg/L	15:43:57
2	Y 371.029	3517843.9	3517843.9	0.959 mg/L		15:45:02
2	Ag 328.068†	132884.1	141059.2	0.5303 mg/L	0.5303 mg/L	15:45:08
2	Al 237.313†	222338.6	232017.2	29.47 mg/L	29.47 mg/L	15:45:08
2	As 188.979†	104.6	101.4	0.1264 mg/L	0.1264 mg/L	15:45:28
2	B 182.528†	30.6	38.0	0.0862 mg/L	0.0862 mg/L	15:45:28
2	Ba 233.527†	109803.1	114572.8	1.063 mg/L	1.063 mg/L	15:45:08
2	Be 313.107†	26775.0	30050.8	0.0064 mg/L	0.0064 mg/L	15:45:02
2	Ca 315.886†	3272651.9	3408913.1	19.60 mg/L	19.60 mg/L	15:45:02
2	Cd 228.802†	1083.7	981.6	0.0200 mg/L	0.0200 mg/L	15:45:28
2	Co 228.616†	1446.0	1712.5	0.0360 mg/L	0.0360 mg/L	15:45:28
2	Cr 267.716†	250061.3	257356.4	1.525 mg/L	1.525 mg/L	15:45:08
2	Cu 324.752†	10470608.2	10914787.7	47.28 mg/L	47.28 mg/L	15:44:55
2	Fe 234.349†	3172826.1	3306546.1	64.08 mg/L	64.08 mg/L	15:45:02
2	Fe 238.204†	7534905.1	7855186.7	61.53 mg/L	61.53 mg/L	15:44:55
2	Mg 279.077†	145322.1	151190.2	6.052 mg/L	6.052 mg/L	15:45:08
2	Mn 257.610†	563712.2	586484.0	0.7342 mg/L	0.7342 mg/L	15:45:02
2	Mo 202.031†	513.9	503.8	0.0334 mg/L	0.0334 mg/L	15:45:28
2	Ni 231.604†	21833.8	22451.8	0.4055 mg/L	0.4055 mg/L	15:45:08
2	P 214.914†	19916.8	20655.5	13.28 mg/L	13.28 mg/L	15:45:08
2	Pb 220.353†	53313.7	55725.3	5.417 mg/L	5.417 mg/L	15:45:08
2	Sb 206.836†	118.0	81.9	0.0261 mg/L	0.0261 mg/L	15:45:28
2	Se 196.026†	3.2	8.3	0.0145 mg/L	0.0145 mg/L	15:45:28
2	Sn 189.927†	3325.0	3222.1	0.7171 mg/L	0.7171 mg/L	15:45:28
2	Sr 407.771†	Saturated2	Saturated2			15:45:28
Saturated in preshot (code 2)						
2	Ti 337.279†	1060630.8	1108091.9	1.282 mg/L	1.282 mg/L	15:45:02
2	Tl 190.801†	36.6	58.4	0.0485 mg/L	0.0485 mg/L	15:45:28
2	V 292.402†	1032672.1	1078050.8	4.929 mg/L	4.929 mg/L	15:45:02
2	Zn 213.857†	235146.8	244384.3	2.601 mg/L	2.601 mg/L	15:45:08

Mean Data: 0608042-01

Analyte	Mean Corrected Intensity	Conc. Units	Calib	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3513093.1	0.958 mg/L		0.0018			0.19%
Ag 328.068†	140842.5	0.5295 mg/L		0.00114	0.5295 mg/L	0.00114	0.22%
Al 237.313†	231879.5	29.45 mg/L		0.025	29.45 mg/L	0.025	0.09%
As 188.979†	101.6	0.1266 mg/L		0.00036	0.1266 mg/L	0.00036	0.28%
B 182.528†	41.2	0.0930 mg/L		0.00958	0.0930 mg/L	0.00958	10.30%
Ba 233.527†	114447.8	1.062 mg/L		0.0016	1.062 mg/L	0.0016	0.15%
Be 313.107†	30092.2	0.0065 mg/L		0.00001	0.0065 mg/L	0.00001	0.21%
Ca 315.886†	3410328.3	19.60 mg/L		0.011	19.60 mg/L	0.011	0.06%
Cd 228.802†	988.0	0.0202 mg/L		0.00018	0.0202 mg/L	0.00018	0.90%
Co 228.616†	1713.6	0.0360 mg/L		0.00004	0.0360 mg/L	0.00004	0.10%
Cr 267.716†	257016.2	1.523 mg/L		0.0028	1.523 mg/L	0.0028	0.19%
Cu 324.752†	10932881.2	47.36 mg/L		0.111	47.36 mg/L	0.111	0.23%
Fe 234.349†	3307945.0	64.11 mg/L		0.038	64.11 mg/L	0.038	0.06%
Fe 238.204†	7871653.9	61.66 mg/L		0.182	61.66 mg/L	0.182	0.30%
K 766.490†	3889.6	2.378 mg/L		0.0041	2.378 mg/L	0.0041	0.17%
Li 670.784†	3003.3	0.0426 mg/L		0.00024	0.0426 mg/L	0.00024	0.56%
Mg 279.077†	150943.1	6.042 mg/L		0.0140	6.042 mg/L	0.0140	0.23%
Mn 257.610†	586542.3	0.7343 mg/L		0.00010	0.7343 mg/L	0.00010	0.01%
Mo 202.031†	501.7	0.0332 mg/L		0.00020	0.0332 mg/L	0.00020	0.60%

Na 589.592	44592.8	7.196 mg/L	0.0326	7.196 mg/L	0.0326	0.45%
Ni 231.604†	22476.2	0.4060 mg/L	0.00062	0.4060 mg/L	0.00062	0.15%
P 214.914†	20653.8	13.28 mg/L	0.002	13.28 mg/L	0.002	0.01%
Pb 220.353†	55665.7	5.411 mg/L	0.0083	5.411 mg/L	0.0083	0.15%
Sb 206.836†	88.7	0.0293 mg/L	0.00457	0.0293 mg/L	0.00457	15.58%
Se 196.026†	9.8	0.0162 mg/L	0.00235	0.0162 mg/L	0.00235	14.50%
Sn 189.927†	3241.0	0.7213 mg/L	0.00593	0.7213 mg/L	0.00593	0.82%
Sr 407.771†	Saturated2					
Ti 337.279†	1107706.9	1.282 mg/L	0.0006	1.282 mg/L	0.0006	0.05%
Tl 190.801†	55.3	0.0462 mg/L	0.00323	0.0462 mg/L	0.00323	6.99%
V 292.402†	1078258.2	4.930 mg/L	0.0013	4.930 mg/L	0.0013	0.03%
Zn 213.857†	244007.9	2.597 mg/L	0.0057	2.597 mg/L	0.0057	0.22%

Sequence No.: 46
 Sample ID: 0608042-02
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 44
 Date Collected: 8/3/2006 3:47:05 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: 0608042-02

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	5694.3	6009.8	3.363 mg/L	3.363 mg/L	15:48:39
1	Li 670.784†	3509.9	3811.7	0.0528 mg/L	0.0528 mg/L	15:48:39
1	Na 589.592	46392.6	43805.2	7.069 mg/L	7.069 mg/L	15:48:39
1	Y 371.029	3541079.9	3541079.9	0.965 mg/L		15:49:10
1	Ag 328.068†	331918.2	346304.2	1.298 mg/L	1.298 mg/L	15:49:10
1	Al 237.313†	272890.6	282856.5	35.82 mg/L	35.82 mg/L	15:49:15
1	As 188.979†	126.8	123.7	0.1505 mg/L	0.1505 mg/L	15:49:35
1	B 182.528†	14.6	21.2	0.0502 mg/L	0.0502 mg/L	15:49:35
1	Ba 233.527†	114236.3	118413.4	1.097 mg/L	1.097 mg/L	15:49:15
1	Be 313.107†	27658.6	30782.8	0.0065 mg/L	0.0065 mg/L	15:49:10
1	Ca 315.886†	4214043.6	4361591.1	25.08 mg/L	25.08 mg/L	15:49:10
1	Cd 228.802†	2125.7	2053.4	0.0417 mg/L	0.0417 mg/L	15:49:35
1	Co 228.616†	2127.6	2408.6	0.0511 mg/L	0.0511 mg/L	15:49:35
1	Cr 267.716†	400555.2	411523.1	2.437 mg/L	2.437 mg/L	15:49:10
1	Cu 324.752†	23833758.3	24684339.4	106.9 mg/L	106.9 mg/L	15:48:59
1	Fe 234.349†	5038374.9	5217123.8	101.1 mg/L	101.1 mg/L	15:49:10
1	Fe 238.204†	11687898.3	12105193.8	94.83 mg/L	94.83 mg/L	15:48:59
1	Mg 279.077†	224401.3	232104.0	9.294 mg/L	9.294 mg/L	15:49:15
1	Mn 257.610†	1222429.0	1264908.2	1.585 mg/L	1.585 mg/L	15:49:10
1	Mo 202.031†	1054.9	1060.7	0.0696 mg/L	0.0696 mg/L	15:49:35
1	Ni 231.604†	33999.5	34903.3	0.6307 mg/L	0.6307 mg/L	15:49:15
1	P 214.914†	38072.7	39324.6	25.25 mg/L	25.25 mg/L	15:49:15
1	Pb 220.353†	143302.7	148568.6	14.44 mg/L	14.44 mg/L	15:49:15
1	Sb 206.836†	169.8	134.9	0.0462 mg/L	0.0462 mg/L	15:49:35
1	Se 196.026†	8.5	13.7	0.0203 mg/L	0.0203 mg/L	15:49:35
1	Sn 189.927†	16003.7	16331.6	3.622 mg/L	3.622 mg/L	15:49:15
1	Sr 407.771†	Saturated2	Saturated2			15:49:35
Saturated in preshot (code 2)						
1	Ti 337.279†	1339568.4	1389751.5	1.608 mg/L	1.608 mg/L	15:49:10
1	Tl 190.801†	39.2	60.8	0.0496 mg/L	0.0496 mg/L	15:49:35
1	V 292.402†	1782664.6	1847807.6	8.450 mg/L	8.450 mg/L	15:49:10
1	Zn 213.857†	751529.5	777630.5	8.272 mg/L	8.272 mg/L	15:49:10
2	K 766.490†	5664.7	5988.7	3.353 mg/L	3.353 mg/L	15:48:44
2	Li 670.784†	3505.1	3812.8	0.0528 mg/L	0.0528 mg/L	15:48:44
2	Na 589.592	46244.5	43657.1	7.046 mg/L	7.046 mg/L	15:48:44
2	Y 371.029	3535275.5	3535275.5	0.964 mg/L		15:49:57
2	Ag 328.068†	331568.0	346505.3	1.299 mg/L	1.299 mg/L	15:49:57
2	Al 237.313†	274618.4	285113.1	36.11 mg/L	36.11 mg/L	15:50:02
2	As 188.979†	130.4	127.7	0.1556 mg/L	0.1556 mg/L	15:50:22
2	B 182.528†	14.9	21.7	0.0511 mg/L	0.0511 mg/L	15:50:22
2	Ba 233.527†	115289.9	119700.7	1.109 mg/L	1.109 mg/L	15:50:02
2	Be 313.107†	27767.1	30942.4	0.0066 mg/L	0.0066 mg/L	15:49:57
2	Ca 315.886†	4208943.6	4363466.3	25.09 mg/L	25.09 mg/L	15:49:57
2	Cd 228.802†	2131.9	2063.5	0.0419 mg/L	0.0419 mg/L	15:50:22
2	Co 228.616†	2136.6	2421.5	0.0514 mg/L	0.0514 mg/L	15:50:22
2	Cr 267.716†	399988.1	411615.9	2.438 mg/L	2.438 mg/L	15:49:57
2	Cu 324.752†	23963726.6	24859709.8	107.7 mg/L	107.7 mg/L	15:49:46
2	Fe 234.349†	5033647.0	5220787.0	101.2 mg/L	101.2 mg/L	15:49:57

2	Fe 238.204†	11745418.8	12184746.3	95.45 mg/L	95.45 mg/L	15:49:46
2	Mg 279.077†	226933.0	235112.3	9.415 mg/L	9.415 mg/L	15:50:02
2	Mn 257.610†	1221099.3	1265607.6	1.586 mg/L	1.586 mg/L	15:49:57
2	Mo 202.031†	1035.6	1042.5	0.0684 mg/L	0.0684 mg/L	15:50:22
2	Ni 231.604†	34314.2	35287.6	0.6377 mg/L	0.6377 mg/L	15:50:02
2	P 214.914†	38572.4	39907.8	25.62 mg/L	25.62 mg/L	15:50:02
2	Pb 220.353†	144790.2	150355.5	14.62 mg/L	14.62 mg/L	15:50:02
2	Sb 206.836†	179.5	145.2	0.0510 mg/L	0.0510 mg/L	15:50:22
2	Se 196.026†	11.0	16.3	0.0231 mg/L	0.0231 mg/L	15:50:22
2	Sn 189.927†	16232.5	16596.2	3.680 mg/L	3.680 mg/L	15:50:02
2	Sr 407.771†	Saturated2	Saturated2			15:50:22
Saturated in preshot (code 2)						
2	Ti 337.279†	1338514.8	1390936.6	1.609 mg/L	1.609 mg/L	15:49:57
2	Tl 190.801†	38.9	60.6	0.0494 mg/L	0.0494 mg/L	15:50:22
2	V 292.402†	1780320.2	1848406.9	8.453 mg/L	8.453 mg/L	15:49:57
2	Zn 213.857†	751049.0	778410.2	8.280 mg/L	8.280 mg/L	15:49:57

Mean Data: 0608042-02

Analyte	Mean Corrected Intensity	Conc. Units	Calib	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3538177.7	0.965 mg/L		0.0011			0.12%
Ag 328.068†	346404.8	1.299 mg/L		0.0005	1.299 mg/L	0.0005	0.04%
Al 237.313†	283984.8	35.97 mg/L		0.204	35.97 mg/L	0.204	0.57%
As 188.979†	125.7	0.1531 mg/L		0.00364	0.1531 mg/L	0.00364	2.38%
B 182.528†	21.5	0.0507 mg/L		0.00063	0.0507 mg/L	0.00063	1.24%
Ba 233.527†	119057.1	1.103 mg/L		0.0085	1.103 mg/L	0.0085	0.77%
Be 313.107†	30862.6	0.0066 mg/L		0.00003	0.0066 mg/L	0.00003	0.39%
Ca 315.886†	4362528.7	25.09 mg/L		0.008	25.09 mg/L	0.008	0.03%
Cd 228.802†	2058.5	0.0418 mg/L		0.00013	0.0418 mg/L	0.00013	0.31%
Co 228.616†	2415.0	0.0512 mg/L		0.00020	0.0512 mg/L	0.00020	0.40%
Cr 267.716†	411569.5	2.438 mg/L		0.0004	2.438 mg/L	0.0004	0.02%
Cu 324.752†	24772024.6	107.3 mg/L		0.54	107.3 mg/L	0.54	0.50%
Fe 234.349†	5218955.4	101.1 mg/L		0.05	101.1 mg/L	0.05	0.05%
Fe 238.204†	12144970.0	95.14 mg/L		0.441	95.14 mg/L	0.441	0.46%
K 766.490†	5999.2	3.358 mg/L		0.0069	3.358 mg/L	0.0069	0.21%
Li 670.784†	3812.3	0.0528 mg/L		0.00001	0.0528 mg/L	0.00001	0.02%
Mg 279.077†	233608.1	9.355 mg/L		0.0854	9.355 mg/L	0.0854	0.91%
Mn 257.610†	1265257.9	1.585 mg/L		0.0006	1.585 mg/L	0.0006	0.04%
Mo 202.031†	1051.6	0.0690 mg/L		0.00084	0.0690 mg/L	0.00084	1.21%
Na 589.592	43731.2	7.057 mg/L		0.0168	7.057 mg/L	0.0168	0.24%
Ni 231.604†	35095.4	0.6342 mg/L		0.00491	0.6342 mg/L	0.00491	0.77%
P 214.914†	39616.2	25.43 mg/L		0.264	25.43 mg/L	0.264	1.04%
Pb 220.353†	149462.1	14.53 mg/L		0.123	14.53 mg/L	0.123	0.85%
Sb 206.836†	140.0	0.0486 mg/L		0.00342	0.0486 mg/L	0.00342	7.05%
Se 196.026†	15.0	0.0217 mg/L		0.00196	0.0217 mg/L	0.00196	9.01%
Sn 189.927†	16463.9	3.651 mg/L		0.0414	3.651 mg/L	0.0414	1.13%
Sr 407.771†	Saturated2						
Ti 337.279†	1390344.1	1.608 mg/L		0.0010	1.608 mg/L	0.0010	0.06%
Tl 190.801†	60.7	0.0495 mg/L		0.00015	0.0495 mg/L	0.00015	0.29%
V 292.402†	1848107.2	8.451 mg/L		0.0019	8.451 mg/L	0.0019	0.02%
Zn 213.857†	778020.4	8.276 mg/L		0.0058	8.276 mg/L	0.0058	0.07%

Sequence No.: 47
 Sample ID: 0608042-03
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 45
 Date Collected: 8/3/2006 3:52:00 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: 0608042-03

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	10047.6	11072.5	5.715 mg/L	5.715 mg/L	15:53:37
1	Li 670.784†	4025.3	4567.4	0.0624 mg/L	0.0624 mg/L	15:53:37
1	Na 589.592	45220.4	42633.0	6.881 mg/L	6.881 mg/L	15:53:37
1	Y 371.029	3362218.5	3362218.5	0.917 mg/L		15:54:10
1	Ag 328.068†	599911.1	656939.3	2.461 mg/L	2.461 mg/L	15:54:10
1	Al 237.313†	336887.1	367705.0	46.46 mg/L	46.46 mg/L	15:54:16
1	As 188.979†	140.9	146.1	0.1715 mg/L	0.1715 mg/L	15:54:36
1	B 182.528†	9.2	16.3	0.0395 mg/L	0.0395 mg/L	15:54:36

1	Ba 233.527†	95145.0	103881.7	0.9573 mg/L	0.9573 mg/L	15:54:16
1	Be 313.107†	19969.5	23919.0	0.0054 mg/L	0.0054 mg/L	15:54:10
1	Ca 315.886†	5098557.4	5558679.0	31.98 mg/L	31.98 mg/L	15:54:10
1	Cd 228.802†	2562.8	2647.4	0.0534 mg/L	0.0534 mg/L	15:54:36
1	Co 228.616†	1906.9	2285.1	0.0471 mg/L	0.0471 mg/L	15:54:36
1	Cr 267.716†	926890.3	1007758.6	5.966 mg/L	5.966 mg/L	15:54:10
1	Cu 324.752†	26354205.0	28747077.8	124.5 mg/L	124.5 mg/L	15:54:00
1	Fe 234.349†	7479543.4	8157745.8	158.1 mg/L	158.1 mg/L	15:54:10
1	Fe 238.204†	17076843.6	18627858.0	145.9 mg/L	145.9 mg/L	15:54:00
1	Mg 279.077†	313272.0	341415.3	13.65 mg/L	13.65 mg/L	15:54:16
1	Mn 257.610†	779089.4	848637.4	1.064 mg/L	1.064 mg/L	15:54:10
1	Mo 202.031†	1291.9	1377.3	0.0902 mg/L	0.0902 mg/L	15:54:36
1	Ni 231.604†	46113.4	49991.5	0.9036 mg/L	0.9036 mg/L	15:54:16
1	P 214.914†	45287.6	49293.0	31.64 mg/L	31.64 mg/L	15:54:16
1	Pb 220.353†	319819.1	349021.7	33.99 mg/L	33.99 mg/L	15:54:16
1	Sb 206.836†	437.2	435.8	0.1394 mg/L	0.1394 mg/L	15:54:36
1	Se 196.026†	17.9	24.4	0.0317 mg/L	0.0317 mg/L	15:54:36
1	Sn 189.927†	24059.6	26001.4	5.766 mg/L	5.766 mg/L	15:54:16
1	Sr 407.771†	4936238.0	5382067.5	0.2248 mg/L	0.2248 mg/L	15:54:00
1	Ti 337.279†	1668246.6	1822108.6	2.107 mg/L	2.107 mg/L	15:54:10
1	Tl 190.801†	88.6	116.9	0.0565 mg/L	0.0565 mg/L	15:54:36
1	V 292.402†	2877955.2	3140856.3	14.36 mg/L	14.36 mg/L	15:54:10
1	Zn 213.857†	582090.7	634204.0	6.753 mg/L	6.753 mg/L	15:54:10
2	K 766.490†	10002.4	11028.8	5.695 mg/L	5.695 mg/L	15:53:42
2	Li 670.784†	3998.2	4540.1	0.0620 mg/L	0.0620 mg/L	15:53:42
2	Na 589.592	44957.1	42369.7	6.839 mg/L	6.839 mg/L	15:53:42
2	Y 371.029	3360470.7	3360470.7	0.916 mg/L	0.916 mg/L	15:55:00
2	Ag 328.068†	599030.0	656318.0	2.459 mg/L	2.459 mg/L	15:55:00
2	Al 237.313†	337040.0	368063.0	46.50 mg/L	46.50 mg/L	15:55:06
2	As 188.979†	143.8	149.3	0.1757 mg/L	0.1757 mg/L	15:55:26
2	B 182.528†	9.9	17.0	0.0411 mg/L	0.0411 mg/L	15:55:26
2	Ba 233.527†	95127.5	103916.5	0.9576 mg/L	0.9576 mg/L	15:55:06
2	Be 313.107†	19878.7	23831.2	0.0054 mg/L	0.0054 mg/L	15:55:00
2	Ca 315.886†	5088186.7	5550252.8	31.93 mg/L	31.93 mg/L	15:55:00
2	Cd 228.802†	2559.9	2645.7	0.0533 mg/L	0.0533 mg/L	15:55:26
2	Co 228.616†	1910.1	2289.7	0.0473 mg/L	0.0473 mg/L	15:55:26
2	Cr 267.716†	925526.4	1006795.9	5.960 mg/L	5.960 mg/L	15:55:00
2	Cu 324.752†	26252612.9	28651148.8	124.1 mg/L	124.1 mg/L	15:54:50
2	Fe 234.349†	7465743.0	8146927.1	157.9 mg/L	157.9 mg/L	15:55:00
2	Fe 238.204†	16956437.9	18506131.3	145.0 mg/L	145.0 mg/L	15:54:50
2	Mg 279.077†	312999.8	341295.9	13.65 mg/L	13.65 mg/L	15:55:06
2	Mn 257.610†	777768.7	847638.0	1.063 mg/L	1.063 mg/L	15:55:00
2	Mo 202.031†	1273.7	1358.2	0.0889 mg/L	0.0889 mg/L	15:55:26
2	Ni 231.604†	45992.7	49885.9	0.9017 mg/L	0.9017 mg/L	15:55:06
2	P 214.914†	45301.9	49334.3	31.66 mg/L	31.66 mg/L	15:55:06
2	Pb 220.353†	319753.2	349131.2	34.00 mg/L	34.00 mg/L	15:55:06
2	Sb 206.836†	436.9	435.8	0.1394 mg/L	0.1394 mg/L	15:55:26
2	Se 196.026†	28.4	35.9	0.0440 mg/L	0.0440 mg/L	15:55:26
2	Sn 189.927†	24109.4	26069.4	5.781 mg/L	5.781 mg/L	15:55:06
2	Sr 407.771†	4914620.5	5361274.0	0.2240 mg/L	0.2240 mg/L	15:54:50
2	Ti 337.279†	1665767.1	1820348.9	2.105 mg/L	2.105 mg/L	15:55:00
2	Tl 190.801†	73.2	100.1	0.0443 mg/L	0.0443 mg/L	15:55:26
2	V 292.402†	2874456.4	3138670.4	14.35 mg/L	14.35 mg/L	15:55:00
2	Zn 213.857†	581044.7	633392.6	6.744 mg/L	6.744 mg/L	15:55:00

Mean Data: 0608042-03

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3361344.6	0.916 mg/L	0.0003			0.04%
Ag 328.068†	656628.7	2.460 mg/L	0.0016	2.460 mg/L	0.0016	0.07%
Al 237.313†	367884.0	46.48 mg/L	0.033	46.48 mg/L	0.033	0.07%
As 188.979†	147.7	0.1736 mg/L	0.00297	0.1736 mg/L	0.00297	1.71%
B 182.528†	16.6	0.0403 mg/L	0.00111	0.0403 mg/L	0.00111	2.75%
Ba 233.527†	103899.1	0.9574 mg/L	0.00023	0.9574 mg/L	0.00023	0.02%
Be 313.107†	23875.1	0.0054 mg/L	0.00001	0.0054 mg/L	0.00001	0.27%
Ca 315.886†	5554465.9	31.96 mg/L	0.034	31.96 mg/L	0.034	0.11%
Cd 228.802†	2646.5	0.0533 mg/L	0.00004	0.0533 mg/L	0.00004	0.08%
Co 228.616†	2287.4	0.0472 mg/L	0.00008	0.0472 mg/L	0.00008	0.16%
Cr 267.716†	1007277.2	5.963 mg/L	0.0040	5.963 mg/L	0.0040	0.07%
Cu 324.752†	28699113.3	124.3 mg/L	0.29	124.3 mg/L	0.29	0.24%
Fe 234.349†	8152336.4	158.0 mg/L	0.15	158.0 mg/L	0.15	0.09%

Element	Sample	Conc. (mg/L)	Conc. (mg/L)	Conc. (mg/L)	Conc. (mg/L)	Conc. (mg/L)	Conc. (mg/L)
Fe 238.204†	18566994.7	145.4	0.67	145.4	0.67	0.46%	
K 766.490†	11050.6	5.705	0.0144	5.705	0.0144	0.25%	
Li 670.784†	4553.7	0.0622	0.00024	0.0622	0.00024	0.39%	
Mg 279.077†	341355.6	13.65	0.003	13.65	0.003	0.02%	
Mn 257.610†	848137.7	1.064	0.0009	1.064	0.0009	0.08%	
Mo 202.031†	1367.8	0.0896	0.00088	0.0896	0.00088	0.98%	
Na 589.592	42501.4	6.860	0.0299	6.860	0.0299	0.44%	
Ni 231.604†	49938.7	0.9027	0.00135	0.9027	0.00135	0.15%	
P 214.914†	49313.7	31.65	0.019	31.65	0.019	0.06%	
Pb 220.353†	349076.5	33.99	0.008	33.99	0.008	0.02%	
Sb 206.836†	435.8	0.1394	0.00004	0.1394	0.00004	0.03%	
Se 196.026†	30.2	0.0379	0.00864	0.0379	0.00864	22.83%	
Sn 189.927†	26035.4	5.773	0.0106	5.773	0.0106	0.18%	
Sr 407.771†	5371670.8	0.2244	0.00061	0.2244	0.00061	0.27%	
Ti 337.279†	1821228.8	2.106	0.0014	2.106	0.0014	0.07%	
Tl 190.801†	108.5	0.0504	0.00867	0.0504	0.00867	17.21%	
V 292.402†	3139763.3	14.36	0.007	14.36	0.007	0.05%	
Zn 213.857†	633798.3	6.748	0.0061	6.748	0.0061	0.09%	

Sequence No.: 48
 Sample ID: 0608042-04
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 46
 Date Collected: 8/3/2006 3:57:03 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: 0608042-04

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	13895.9	14642.9	7.374 mg/L	7.374 mg/L	15:58:42
1	Li 670.784†	5989.0	6439.1	0.0860 mg/L	0.0860 mg/L	15:58:42
1	Na 589.592	42568.7	39981.3	6.456 mg/L	6.456 mg/L	15:58:42
1	Y 371.029	3507432.0	3507432.0	0.956 mg/L		15:59:22
1	Ag 328.068†	323773.6	341085.5	1.284 mg/L	1.284 mg/L	15:59:22
1	Al 237.313†	438167.6	458399.7	57.77 mg/L	57.77 mg/L	15:59:22
1	As 188.979†	113.0	110.6	0.1314 mg/L	0.1314 mg/L	15:59:47
1	B 182.528†	14.6	21.4	0.0506 mg/L	0.0506 mg/L	15:59:47
1	Ba 233.527†	91195.2	95454.2	0.8827 mg/L	0.8827 mg/L	15:59:27
1	Be 313.107†	28767.8	32217.6	0.0063 mg/L	0.0063 mg/L	15:59:22
1	Ca 315.886†	3275078.8	3421579.7	19.69 mg/L	19.69 mg/L	15:59:22
1	Cd 228.802†	873.7	765.3	0.0164 mg/L	0.0164 mg/L	15:59:47
1	Co 228.616†	1850.6	2140.1	0.0418 mg/L	0.0418 mg/L	15:59:47
1	Cr 267.716†	329567.5	341270.7	2.029 mg/L	2.029 mg/L	15:59:27
1	Cu 324.752†	12689757.0	13267778.7	57.50 mg/L	57.50 mg/L	15:59:14
1	Fe 234.349†	11229459.1	11741261.4	227.5 mg/L	227.5 mg/L	15:59:05
1	Fe 238.204†	24703934.2	25832319.2	202.3 mg/L	202.3 mg/L	15:59:05
1	Mg 279.077†	482019.2	503727.2	20.15 mg/L	20.15 mg/L	15:59:22
1	Mn 257.610†	1202692.1	1256415.9	1.574 mg/L	1.574 mg/L	15:59:22
1	Mo 202.031†	981.0	993.9	0.0652 mg/L	0.0652 mg/L	15:59:27
1	Ni 231.604†	72037.6	75017.9	1.356 mg/L	1.356 mg/L	15:59:27
1	P 214.914†	26039.6	27119.8	17.42 mg/L	17.42 mg/L	15:59:27
1	Pb 220.353†	244976.5	256313.8	24.97 mg/L	24.97 mg/L	15:59:27
1	Sb 206.836†	104.0	67.7	0.0233 mg/L	0.0233 mg/L	15:59:47
1	Se 196.026†	13.6	19.2	0.0261 mg/L	0.0261 mg/L	15:59:47
1	Sn 189.927†	4962.7	4944.9	1.107 mg/L	1.107 mg/L	15:59:47
1	Sr 407.771†	5681589.8	5938548.8	0.2481 mg/L	0.2481 mg/L	15:59:05
1	Ti 337.279†	2487355.9	2603314.1	3.011 mg/L	3.011 mg/L	15:59:22
1	Tl 190.801†	22.3	43.5	0.0325 mg/L	0.0325 mg/L	15:59:47
1	V 292.402†	1860536.1	1946951.9	8.886 mg/L	8.886 mg/L	15:59:22
1	Zn 213.857†	566959.8	592091.9	6.285 mg/L	6.285 mg/L	15:59:22
2	K 766.490†	13764.7	14391.7	7.257 mg/L	7.257 mg/L	15:58:47
2	Li 670.784†	5949.5	6348.5	0.0849 mg/L	0.0849 mg/L	15:58:47
2	Na 589.592	42481.5	39894.1	6.442 mg/L	6.442 mg/L	15:58:47
2	Y 371.029	3535425.1	3535425.1	0.964 mg/L		16:00:18
2	Ag 328.068†	326757.1	341499.8	1.286 mg/L	1.286 mg/L	16:00:18
2	Al 237.313†	441546.5	458277.2	57.77 mg/L	57.77 mg/L	16:00:18
2	As 188.979†	109.1	105.5	0.1248 mg/L	0.1248 mg/L	16:00:44
2	B 182.528†	15.8	22.6	0.0531 mg/L	0.0531 mg/L	16:00:44
2	Ba 233.527†	91079.8	94579.4	0.8746 mg/L	0.8746 mg/L	16:00:23
2	Be 313.107†	29104.2	32328.3	0.0063 mg/L	0.0063 mg/L	16:00:18
2	Ca 315.886†	3301348.0	3421715.1	19.69 mg/L	19.69 mg/L	16:00:18

Element	Conc. 1	Conc. 2	Conc. 3	Conc. 4	Conc. 5	Time
2 Cd 228.802†	884.5	769.3	0.0165 mg/L	0.0165 mg/L	16:00:44	
2 Co 228.616†	1847.7	2121.7	0.0414 mg/L	0.0414 mg/L	16:00:44	
2 Cr 267.716†	329215.9	338177.1	2.011 mg/L	2.011 mg/L	16:00:23	
2 Cu 324.752†	12702801.1	13176242.2	57.10 mg/L	57.10 mg/L	16:00:10	
2 Fe 234.349†	11149870.5	11565716.0	224.1 mg/L	224.1 mg/L	16:00:01	
2 Fe 238.204†	24540437.8	25458159.3	199.4 mg/L	199.4 mg/L	16:00:01	
2 Mg 279.077†	486099.8	503969.5	20.16 mg/L	20.16 mg/L	16:00:18	
2 Mn 257.610†	1211933.4	1256045.0	1.574 mg/L	1.574 mg/L	16:00:18	
2 Mo 202.031†	1024.3	1030.7	0.0676 mg/L	0.0676 mg/L	16:00:23	
2 Ni 231.604†	71768.6	74142.4	1.340 mg/L	1.340 mg/L	16:00:23	
2 P 214.914†	26042.0	26906.7	17.29 mg/L	17.29 mg/L	16:00:23	
2 Pb 220.353†	244299.8	253583.4	24.71 mg/L	24.71 mg/L	16:00:23	
2 Sb 206.836†	96.3	58.9	0.0195 mg/L	0.0195 mg/L	16:00:44	
2 Se 196.026†	8.9	14.1	0.0207 mg/L	0.0207 mg/L	16:00:44	
2 Sn 189.927†	4961.3	4902.3	1.097 mg/L	1.097 mg/L	16:00:44	
2 Sr 407.771†	5649362.4	5858072.6	0.2447 mg/L	0.2447 mg/L	16:00:01	
2 Ti 337.279†	2507037.8	2603137.9	3.010 mg/L	3.010 mg/L	16:00:18	
2 Tl 190.801†	26.2	47.4	0.0353 mg/L	0.0353 mg/L	16:00:44	
2 V 292.402†	1875738.7	1947318.7	8.888 mg/L	8.888 mg/L	16:00:18	
2 Zn 213.857†	571799.3	592418.2	6.289 mg/L	6.289 mg/L	16:00:18	

Mean Data: 0608042-04

Analyte	Mean Corrected		Calib	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 371.029	3521428.6	0.960 mg/L	0.0054			0.56%	
Ag 328.068†	341292.6	1.285 mg/L	0.0010		1.285 mg/L	0.08%	
Al 237.313†	458338.4	57.77 mg/L	0.001		57.77 mg/L	0.00%	
As 188.979†	108.0	0.1281 mg/L	0.00466		0.1281 mg/L	3.64%	
B 182.528†	22.0	0.0519 mg/L	0.00177		0.0519 mg/L	3.42%	
Ba 233.527†	95016.8	0.8787 mg/L	0.00575		0.8787 mg/L	0.65%	
Be 313.107†	32272.9	0.0063 mg/L	0.00000		0.0063 mg/L	0.00%	
Ca 315.886†	3421647.4	19.69 mg/L	0.001		19.69 mg/L	0.00%	
Cd 228.802†	767.3	0.0164 mg/L	0.00006		0.0164 mg/L	0.39%	
Co 228.616†	2130.9	0.0416 mg/L	0.00029		0.0416 mg/L	0.70%	
Cr 267.716†	339723.9	2.020 mg/L	0.0131		2.020 mg/L	0.65%	
Cu 324.752†	13222010.4	57.30 mg/L	0.281		57.30 mg/L	0.49%	
Fe 234.349†	11653488.7	225.8 mg/L	2.41		225.8 mg/L	1.07%	
Fe 238.204†	25645239.3	200.9 mg/L	2.07		200.9 mg/L	1.03%	
K 766.490†	14517.3	7.316 mg/L	0.0825		7.316 mg/L	1.13%	
Li 670.784†	6393.8	0.0855 mg/L	0.00081		0.0855 mg/L	0.95%	
Mg 279.077†	503848.4	20.15 mg/L	0.008		20.15 mg/L	0.04%	
Mn 257.610†	1256230.4	1.574 mg/L	0.0003		1.574 mg/L	0.02%	
Mo 202.031†	1012.3	0.0664 mg/L	0.00169		0.0664 mg/L	2.55%	
Na 589.592	39937.7	6.449 mg/L	0.0099		6.449 mg/L	0.15%	
Ni 231.604†	74580.2	1.348 mg/L	0.0112		1.348 mg/L	0.83%	
P 214.914†	27013.3	17.36 mg/L	0.097		17.36 mg/L	0.56%	
Pb 220.353†	254948.6	24.84 mg/L	0.188		24.84 mg/L	0.76%	
Sb 206.836†	63.3	0.0214 mg/L	0.00266		0.0214 mg/L	12.42%	
Se 196.026†	16.6	0.0234 mg/L	0.00381		0.0234 mg/L	16.26%	
Sn 189.927†	4923.6	1.102 mg/L	0.0068		1.102 mg/L	0.61%	
Sr 407.771†	5898310.7	0.2464 mg/L	0.00238		0.2464 mg/L	0.97%	
Ti 337.279†	2603226.0	3.010 mg/L	0.0001		3.010 mg/L	0.00%	
Tl 190.801†	45.5	0.0339 mg/L	0.00201		0.0339 mg/L	5.92%	
V 292.402†	1947135.3	8.887 mg/L	0.0015		8.887 mg/L	0.02%	
Zn 213.857†	592255.1	6.287 mg/L	0.0027		6.287 mg/L	0.04%	

Sequence No.: 49

Sample ID: 0608042-05

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 47

Date Collected: 8/3/2006 4:02:22 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: 0608042-05

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	7450.5	7996.9	4.286 mg/L	4.286 mg/L	16:03:56
1	Li 670.784†	3300.2	3669.0	0.0510 mg/L	0.0510 mg/L	16:03:56
1	Na 589.592	41956.7	39369.3	6.358 mg/L	6.358 mg/L	16:03:56
1	Y 371.029	3465589.0	3465589.0	0.945 mg/L		16:04:29

1	Ag 328.068†	500207.2	531899.2	1.995 mg/L	1.995 mg/L	16:04:29
1	Al 237.313†	211496.1	224037.5	27.99 mg/L	27.99 mg/L	16:04:29
1	As 188.979†	94.6	92.5	0.1035 mg/L	0.1035 mg/L	16:04:55
1	B 182.528†	7.9	14.5	0.0358 mg/L	0.0358 mg/L	16:04:55
1	Ba 233.527†	134056.2	141966.9	1.312 mg/L	1.312 mg/L	16:04:34
1	Be 313.107†	10978.5	13753.7	0.0031 mg/L	0.0031 mg/L	16:04:29
1	Ca 315.886†	2242296.4	2369900.2	13.69 mg/L	13.69 mg/L	16:04:29
1	Cd 228.802†	1479.8	1417.8	0.0288 mg/L	0.0288 mg/L	16:04:55
1	Co 228.616†	1062.2	1329.1	0.0267 mg/L	0.0267 mg/L	16:04:55
1	Cr 267.716†	526800.6	554170.3	3.283 mg/L	3.283 mg/L	16:04:29
1	Cu 324.752†	7206308.0	7624670.5	33.05 mg/L	33.05 mg/L	16:04:18
1	Fe 234.349†	8221828.1	8699960.5	168.6 mg/L	168.6 mg/L	16:04:18
1	Fe 238.204†	18703210.6	19793448.9	155.1 mg/L	155.1 mg/L	16:04:18
1	Mg 279.077†	234553.5	247911.5	9.916 mg/L	9.916 mg/L	16:04:34
1	Mn 257.610†	2196291.6	2323161.8	2.911 mg/L	2.911 mg/L	16:04:29
1	Mo 202.031†	1640.8	1704.6	0.1115 mg/L	0.1115 mg/L	16:04:55
1	Ni 231.604†	72993.0	76938.6	1.391 mg/L	1.391 mg/L	16:04:34
1	P 214.914†	17955.1	18892.4	12.15 mg/L	12.15 mg/L	16:04:34
1	Pb 220.353†	292944.8	310173.3	30.23 mg/L	30.23 mg/L	16:04:34
1	Sb 206.836†	471.6	458.0	0.2002 mg/L	0.2002 mg/L	16:04:55
1	Se 196.026†	12.1	17.7	0.0246 mg/L	0.0246 mg/L	16:04:55
1	Sn 189.927†	15379.7	16032.3	3.558 mg/L	3.558 mg/L	16:04:34
1	Sr 407.771†	2536626.5	2681858.4	0.1120 mg/L	0.1120 mg/L	16:04:29
1	Ti 337.279†	1183489.8	1254791.8	1.452 mg/L	1.452 mg/L	16:04:29
1	Tl 190.801†	21.2	42.6	0.0392 mg/L	0.0392 mg/L	16:04:55
1	V 292.402†	2752209.9	2914132.1	13.33 mg/L	13.33 mg/L	16:04:29
1	Zn 213.857†	328769.3	347164.9	3.695 mg/L	3.695 mg/L	16:04:34
2	K 766.490†	7472.1	8096.4	4.333 mg/L	4.333 mg/L	16:04:01
2	Li 670.784†	3333.8	3738.8	0.0519 mg/L	0.0519 mg/L	16:04:01
2	Na 589.592	42337.6	39750.3	6.419 mg/L	6.419 mg/L	16:04:01
2	Y 371.029	3432319.6	3432319.6	0.936 mg/L	0.936 mg/L	16:05:19
2	Ag 328.068†	496134.3	532678.2	1.998 mg/L	1.998 mg/L	16:05:19
2	Al 237.313†	208987.0	223525.9	27.92 mg/L	27.92 mg/L	16:05:19
2	As 188.979†	94.1	92.9	0.1040 mg/L	0.1040 mg/L	16:05:44
2	B 182.528†	6.8	13.4	0.0335 mg/L	0.0335 mg/L	16:05:44
2	Ba 233.527†	133150.7	142374.4	1.316 mg/L	1.316 mg/L	16:05:24
2	Be 313.107†	10930.6	13815.1	0.0031 mg/L	0.0031 mg/L	16:05:19
2	Ca 315.886†	2214096.4	2362768.4	13.65 mg/L	13.65 mg/L	16:05:19
2	Cd 228.802†	1484.2	1437.7	0.0292 mg/L	0.0292 mg/L	16:05:44
2	Co 228.616†	1059.2	1336.7	0.0269 mg/L	0.0269 mg/L	16:05:44
2	Cr 267.716†	520890.0	553258.5	3.278 mg/L	3.278 mg/L	16:05:19
2	Cu 324.752†	7200265.2	7692138.6	33.34 mg/L	33.34 mg/L	16:05:08
2	Fe 234.349†	8187443.8	8747560.8	169.5 mg/L	169.5 mg/L	16:05:08
2	Fe 238.204†	18625811.2	19902606.2	155.9 mg/L	155.9 mg/L	16:05:08
2	Mg 279.077†	233234.2	248907.8	9.955 mg/L	9.955 mg/L	16:05:24
2	Mn 257.610†	2172422.2	2320185.7	2.907 mg/L	2.907 mg/L	16:05:19
2	Mo 202.031†	1637.0	1717.4	0.1123 mg/L	0.1123 mg/L	16:05:44
2	Ni 231.604†	72646.4	77317.0	1.398 mg/L	1.398 mg/L	16:05:24
2	P 214.914†	17889.7	19006.7	12.22 mg/L	12.22 mg/L	16:05:24
2	Pb 220.353†	291298.7	311419.4	30.35 mg/L	30.35 mg/L	16:05:24
2	Sb 206.836†	471.6	462.9	0.2025 mg/L	0.2025 mg/L	16:05:44
2	Se 196.026†	14.2	20.0	0.0270 mg/L	0.0270 mg/L	16:05:44
2	Sn 189.927†	15364.1	16173.3	3.589 mg/L	3.589 mg/L	16:05:24
2	Sr 407.771†	2515546.6	2685354.4	0.1121 mg/L	0.1121 mg/L	16:05:19
2	Ti 337.279†	1171864.1	1254509.4	1.451 mg/L	1.451 mg/L	16:05:19
2	Tl 190.801†	25.0	46.9	0.0424 mg/L	0.0424 mg/L	16:05:44
2	V 292.402†	2724110.6	2912338.7	13.32 mg/L	13.32 mg/L	16:05:19
2	Zn 213.857†	327342.5	349012.9	3.714 mg/L	3.714 mg/L	16:05:24

Mean Data: 0608042-05

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3448954.3	0.940 mg/L	0.0064			0.68%
Ag 328.068†	532288.7	1.996 mg/L	0.0021	1.996 mg/L	0.0021	0.10%
Al 237.313†	223781.7	27.96 mg/L	0.049	27.96 mg/L	0.049	0.18%
As 188.979†	92.7	0.1038 mg/L	0.00038	0.1038 mg/L	0.00038	0.37%
B 182.528†	14.0	0.0347 mg/L	0.00165	0.0347 mg/L	0.00165	4.77%
Ba 233.527†	142170.7	1.314 mg/L	0.0027	1.314 mg/L	0.0027	0.20%
Be 313.107†	13784.4	0.0031 mg/L	0.00001	0.0031 mg/L	0.00001	0.44%
Ca 315.886†	2366334.3	13.67 mg/L	0.029	13.67 mg/L	0.029	0.21%
Cd 228.802†	1427.8	0.0290 mg/L	0.00029	0.0290 mg/L	0.00029	1.01%

Co 228.616†	1332.9	0.0268 mg/L	0.00012	0.0268 mg/L	0.00012	0.46%
Cr 267.716†	553714.4	3.280 mg/L	0.0038	3.280 mg/L	0.0038	0.11%
Cu 324.752†	7658404.5	33.19 mg/L	0.207	33.19 mg/L	0.207	0.62%
Fe 234.349†	8723760.6	169.1 mg/L	0.65	169.1 mg/L	0.65	0.39%
Fe 238.204†	19848027.5	155.5 mg/L	0.60	155.5 mg/L	0.60	0.39%
K 766.490†	8046.6	4.309 mg/L	0.0327	4.309 mg/L	0.0327	0.76%
Li 670.784†	3703.9	0.0514 mg/L	0.00062	0.0514 mg/L	0.00062	1.21%
Mg 279.077†	248409.6	9.936 mg/L	0.0280	9.936 mg/L	0.0280	0.28%
Mn 257.610†	2321673.7	2.909 mg/L	0.0026	2.909 mg/L	0.0026	0.09%
Mo 202.031†	1711.0	0.1119 mg/L	0.00059	0.1119 mg/L	0.00059	0.52%
Na 589.592	39559.8	6.388 mg/L	0.0432	6.388 mg/L	0.0432	0.68%
Ni 231.604†	77127.8	1.394 mg/L	0.0048	1.394 mg/L	0.0048	0.35%
P 214.914†	18949.6	12.19 mg/L	0.052	12.19 mg/L	0.052	0.43%
Pb 220.353†	310796.4	30.29 mg/L	0.086	30.29 mg/L	0.086	0.28%
Sb 206.836†	460.4	0.2014 mg/L	0.00165	0.2014 mg/L	0.00165	0.82%
Se 196.026†	18.9	0.0258 mg/L	0.00172	0.0258 mg/L	0.00172	6.67%
Sn 189.927†	16102.8	3.574 mg/L	0.0221	3.574 mg/L	0.0221	0.62%
Sr 407.771†	2683606.4	0.1120 mg/L	0.00010	0.1120 mg/L	0.00010	0.09%
Ti 337.279†	1254650.6	1.451 mg/L	0.0002	1.451 mg/L	0.0002	0.02%
Tl 190.801†	44.8	0.0408 mg/L	0.00221	0.0408 mg/L	0.00221	5.41%
V 292.402†	2913235.4	13.32 mg/L	0.006	13.32 mg/L	0.006	0.04%
Zn 213.857†	348088.9	3.705 mg/L	0.0138	3.705 mg/L	0.0138	0.37%

Sequence No.: 50
 Sample ID: 0608042-06
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 48
 Date Collected: 8/3/2006 4:07:22 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: 0608042-06

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	10577.1	11499.8	5.914 mg/L	5.914 mg/L	16:09:00
1	Li 670.784†	4814.0	5359.3	0.0724 mg/L	0.0724 mg/L	16:09:00
1	Na 589.592	43798.1	41210.7	6.653 mg/L	6.653 mg/L	16:09:00
1	Y 371.029	3406597.1	3406597.1	0.929 mg/L	0.929 mg/L	16:09:40
1	Ag 328.068†	509930.8	551535.6	2.066 mg/L	2.066 mg/L	16:09:40
1	Al 237.313†	332944.1	358672.2	45.50 mg/L	45.50 mg/L	16:09:46
1	As 188.979†	125.9	127.9	0.1496 mg/L	0.1496 mg/L	16:10:06
1	B 182.528†	12.4	19.6	0.0466 mg/L	0.0466 mg/L	16:10:06
1	Ba 233.527†	119325.2	128563.5	1.188 mg/L	1.188 mg/L	16:09:46
1	Be 313.107†	24119.4	28103.2	0.0053 mg/L	0.0053 mg/L	16:09:40
1	Ca 315.886†	4728966.7	5088298.8	29.28 mg/L	29.28 mg/L	16:09:40
1	Cd 228.802†	3217.6	3316.0	0.0674 mg/L	0.0674 mg/L	16:10:06
1	Co 228.616†	2371.8	2758.5	0.0574 mg/L	0.0574 mg/L	16:10:06
1	Cr 267.716†	489906.9	524103.1	3.102 mg/L	3.102 mg/L	16:09:40
1	Cu 324.752†	20409410.9	21972021.9	95.17 mg/L	95.17 mg/L	16:09:30
1	Fe 234.349†	5364182.4	5773924.4	111.9 mg/L	111.9 mg/L	16:09:40
1	Fe 238.204†	12589801.7	13554149.9	106.2 mg/L	106.2 mg/L	16:09:21
1	Mg 279.077†	385533.6	414764.7	16.63 mg/L	16.63 mg/L	16:09:46
1	Mn 257.610†	1508117.8	1622482.9	2.033 mg/L	2.033 mg/L	16:09:40
1	Mo 202.031†	1434.0	1512.0	0.0989 mg/L	0.0989 mg/L	16:10:06
1	Ni 231.604†	100944.3	108370.5	1.959 mg/L	1.959 mg/L	16:09:46
1	P 214.914†	38654.0	41507.2	26.65 mg/L	26.65 mg/L	16:09:46
1	Pb 220.353†	233671.4	251724.8	24.51 mg/L	24.51 mg/L	16:09:46
1	Sb 206.836†	186.0	159.2	0.0612 mg/L	0.0612 mg/L	16:10:06
1	Se 196.026†	19.3	25.6	0.0330 mg/L	0.0330 mg/L	16:10:06
1	Sn 189.927†	23781.5	25360.0	5.622 mg/L	5.622 mg/L	16:09:46
1	Sr 407.771†	7663593.9	8248359.1	0.3446 mg/L	0.3446 mg/L	16:09:21
1	Ti 337.279†	1786431.7	1925646.5	2.227 mg/L	2.227 mg/L	16:09:40
1	Tl 190.801†	66.1	91.4	0.0603 mg/L	0.0603 mg/L	16:10:06
1	V 292.402†	2617252.4	2819268.6	12.90 mg/L	12.90 mg/L	16:09:40
1	Zn 213.857†	749601.4	806284.2	8.576 mg/L	8.576 mg/L	16:09:40
2	K 766.490†	10520.3	11470.9	5.900 mg/L	5.900 mg/L	16:09:05
2	Li 670.784†	4841.1	5403.4	0.0729 mg/L	0.0729 mg/L	16:09:05
2	Na 589.592	43821.9	41234.5	6.657 mg/L	6.657 mg/L	16:09:05
2	Y 371.029	3396893.3	3396893.3	0.926 mg/L	0.926 mg/L	16:10:38
2	Ag 328.068†	507944.9	550959.7	2.063 mg/L	2.063 mg/L	16:10:38
2	Al 237.313†	332326.3	359029.1	45.54 mg/L	45.54 mg/L	16:10:43
2	As 188.979†	131.3	134.1	0.1577 mg/L	0.1577 mg/L	16:11:03

Element	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Std. Dev.	RSD
B 182.528†	13.1	20.3	0.0482 mg/L	0.0482 mg/L		16:11:03
Ba 233.527†	119038.5	128620.9	1.188 mg/L	1.188 mg/L		16:10:43
Be 313.107†	23946.3	27990.5	0.0053 mg/L	0.0053 mg/L		16:10:38
Ca 315.886†	4713558.7	5086206.9	29.26 mg/L	29.26 mg/L		16:10:38
Cd 228.802†	3194.6	3301.1	0.0670 mg/L	0.0670 mg/L		16:11:03
Co 228.616†	2324.1	2714.3	0.0564 mg/L	0.0564 mg/L		16:11:03
Cr 267.716†	488571.9	524168.4	3.103 mg/L	3.103 mg/L		16:10:38
Cu 324.752†	20362323.5	21983952.3	95.22 mg/L	95.22 mg/L		16:10:27
Fe 234.349†	5347312.0	5772207.2	111.9 mg/L	111.9 mg/L		16:10:38
Fe 238.204†	12435793.3	13426583.2	105.2 mg/L	105.2 mg/L		16:10:18
Mg 279.077†	384583.6	414924.7	16.63 mg/L	16.63 mg/L		16:10:43
Mn 257.610†	1502518.1	1621075.2	2.032 mg/L	2.032 mg/L		16:10:38
Mo 202.031†	1453.0	1536.9	0.1006 mg/L	0.1006 mg/L		16:11:03
Ni 231.604†	100557.0	108262.8	1.958 mg/L	1.958 mg/L		16:10:43
P 214.914†	38540.3	41503.4	26.64 mg/L	26.64 mg/L		16:10:43
Pb 220.353†	233299.1	252041.5	24.54 mg/L	24.54 mg/L		16:10:43
Sb 206.836†	206.6	182.0	0.0718 mg/L	0.0718 mg/L		16:11:03
Se 196.026†	19.1	25.5	0.0328 mg/L	0.0328 mg/L		16:11:03
Sn 189.927†	23769.6	25420.3	5.635 mg/L	5.635 mg/L		16:10:43
Sr 407.771†	7580740.6	8182469.8	0.3419 mg/L	0.3419 mg/L		16:10:18
Ti 337.279†	1781132.6	1925419.3	2.227 mg/L	2.227 mg/L		16:10:38
Tl 190.801†	58.7	83.6	0.0545 mg/L	0.0545 mg/L		16:11:03
V 292.402†	2608623.2	2818001.1	12.89 mg/L	12.89 mg/L		16:10:38
Zn 213.857†	747659.5	806493.0	8.578 mg/L	8.578 mg/L		16:10:38

Mean Data: 0608042-06

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std. Dev.	Sample Conc. Units	Std. Dev.	RSD
Y 371.029	3401745.2	0.927 mg/L	0.0019			0.20%
Ag 328.068†	551247.6	2.065 mg/L	0.0015	2.065 mg/L	0.0015	0.07%
Al 237.313†	358850.6	45.52 mg/L	0.032	45.52 mg/L	0.032	0.07%
As 188.979†	131.0	0.1536 mg/L	0.00571	0.1536 mg/L	0.00571	3.72%
B 182.528†	19.9	0.0474 mg/L	0.00108	0.0474 mg/L	0.00108	2.28%
Ba 233.527†	128592.2	1.188 mg/L	0.0004	1.188 mg/L	0.0004	0.03%
Be 313.107†	28046.8	0.0053 mg/L	0.00002	0.0053 mg/L	0.00002	0.34%
Ca 315.886†	5087252.9	29.27 mg/L	0.009	29.27 mg/L	0.009	0.03%
Cd 228.802†	3308.5	0.0672 mg/L	0.00025	0.0672 mg/L	0.00025	0.38%
Co 228.616†	2736.4	0.0569 mg/L	0.00071	0.0569 mg/L	0.00071	1.25%
Cr 267.716†	524135.7	3.103 mg/L	0.0003	3.103 mg/L	0.0003	0.01%
Cu 324.752†	21977987.1	95.19 mg/L	0.037	95.19 mg/L	0.037	0.04%
Fe 234.349†	5773065.8	111.9 mg/L	0.02	111.9 mg/L	0.02	0.02%
Fe 238.204†	13490366.6	105.7 mg/L	0.71	105.7 mg/L	0.71	0.67%
K 766.490†	11485.3	5.907 mg/L	0.0095	5.907 mg/L	0.0095	0.16%
Li 670.784†	5381.4	0.0727 mg/L	0.00039	0.0727 mg/L	0.00039	0.54%
Mg 279.077†	414844.7	16.63 mg/L	0.005	16.63 mg/L	0.005	0.03%
Mn 257.610†	1621779.0	2.032 mg/L	0.0012	2.032 mg/L	0.0012	0.06%
Mo 202.031†	1524.5	0.0998 mg/L	0.00115	0.0998 mg/L	0.00115	1.15%
Na 589.592	41222.6	6.655 mg/L	0.0027	6.655 mg/L	0.0027	0.04%
Ni 231.604†	108316.6	1.959 mg/L	0.0014	1.959 mg/L	0.0014	0.07%
P 214.914†	41505.3	26.64 mg/L	0.002	26.64 mg/L	0.002	0.01%
Pb 220.353†	251883.1	24.53 mg/L	0.022	24.53 mg/L	0.022	0.09%
Sb 206.836†	170.6	0.0665 mg/L	0.00754	0.0665 mg/L	0.00754	11.34%
Se 196.026†	25.5	0.0329 mg/L	0.00012	0.0329 mg/L	0.00012	0.36%
Sn 189.927†	25390.1	5.629 mg/L	0.0094	5.629 mg/L	0.0094	0.17%
Sr 407.771†	8215414.4	0.3432 mg/L	0.00195	0.3432 mg/L	0.00195	0.57%
Ti 337.279†	1925532.9	2.227 mg/L	0.0002	2.227 mg/L	0.0002	0.01%
Tl 190.801†	87.5	0.0574 mg/L	0.00406	0.0574 mg/L	0.00406	7.07%
V 292.402†	2818634.9	12.89 mg/L	0.004	12.89 mg/L	0.004	0.03%
Zn 213.857†	806388.6	8.577 mg/L	0.0016	8.577 mg/L	0.0016	0.02%

Sequence No.: 51
 Sample ID: BH60210-DUP2
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 49
 Date Collected: 8/3/2006 4:12:41 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: BH60210-DUP2

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
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1	K 766.490†	9927.3	10760.5	5.570 mg/L	5.570 mg/L	16:14:19
1	Li 670.784†	5433.0	6004.1	0.0805 mg/L	0.0805 mg/L	16:14:19
1	Na 589.592	43292.0	40704.7	6.572 mg/L	6.572 mg/L	16:14:19
1	Y 371.029	3419272.5	3419272.5	0.932 mg/L	0.932 mg/L	16:14:59
1	Ag 328.068†	472507.8	509357.7	1.908 mg/L	1.908 mg/L	16:14:59
1	Al 237.313†	342199.5	367271.2	46.59 mg/L	46.59 mg/L	16:15:05
1	As 188.979†	135.8	138.0	0.1621 mg/L	0.1621 mg/L	16:15:25
1	B 182.528†	3.0	9.4	0.0249 mg/L	0.0249 mg/L	16:15:25
1	Ba 233.527†	133522.4	143316.1	1.325 mg/L	1.325 mg/L	16:15:05
1	Be 313.107†	25201.4	29167.6	0.0054 mg/L	0.0054 mg/L	16:14:59
1	Ca 315.886†	4875954.3	5227093.7	30.07 mg/L	30.07 mg/L	16:14:59
1	Cd 228.802†	2648.8	2693.0	0.0544 mg/L	0.0544 mg/L	16:15:25
1	Co 228.616†	2142.7	2503.2	0.0514 mg/L	0.0514 mg/L	16:15:25
1	Cr 267.716†	460081.0	490154.3	2.902 mg/L	2.902 mg/L	16:14:59
1	Cu 324.752†	18196796.6	19517156.2	84.54 mg/L	84.54 mg/L	16:14:49
1	Fe 234.349†	5512043.2	5911120.7	114.5 mg/L	114.5 mg/L	16:14:59
1	Fe 238.204†	12850879.7	13783951.8	108.0 mg/L	108.0 mg/L	16:14:40
1	Mg 279.077†	360074.1	385916.3	15.46 mg/L	15.46 mg/L	16:15:05
1	Mn 257.610†	1214019.8	1300993.3	1.631 mg/L	1.631 mg/L	16:14:59
1	Mo 202.031†	1375.3	1443.4	0.0945 mg/L	0.0945 mg/L	16:15:25
1	Ni 231.604†	91672.9	98022.4	1.772 mg/L	1.772 mg/L	16:15:05
1	P 214.914†	34148.2	36519.7	23.45 mg/L	23.45 mg/L	16:15:05
1	Pb 220.353†	206030.3	221142.3	21.53 mg/L	21.53 mg/L	16:15:05
1	Sb 206.836†	127.7	95.9	0.0373 mg/L	0.0373 mg/L	16:15:25
1	Se 196.026†	11.5	17.3	0.0241 mg/L	0.0241 mg/L	16:15:25
1	Sn 189.927†	18608.3	19715.9	4.372 mg/L	4.372 mg/L	16:15:05
1	Sr 407.771†	8749560.3	9382656.3	0.3920 mg/L	0.3920 mg/L	16:14:40
1	Ti 337.279†	1876017.2	2014612.1	2.330 mg/L	2.330 mg/L	16:14:59
1	Tl 190.801†	70.9	96.3	0.0549 mg/L	0.0549 mg/L	16:15:25
1	V 292.402†	2719926.2	2918957.8	13.35 mg/L	13.35 mg/L	16:14:59
1	Zn 213.857†	638347.7	683953.7	7.278 mg/L	7.278 mg/L	16:14:59
2	K 766.490†	10012.8	10969.8	5.668 mg/L	5.668 mg/L	16:14:24
2	Li 670.784†	5421.2	6055.2	0.0812 mg/L	0.0812 mg/L	16:14:24
2	Na 589.592	43369.3	40781.9	6.584 mg/L	6.584 mg/L	16:14:24
2	Y 371.029	3382240.6	3382240.6	0.922 mg/L	0.922 mg/L	16:15:57
2	Ag 328.068†	467624.5	509611.6	1.909 mg/L	1.909 mg/L	16:15:57
2	Al 237.313†	343262.4	372442.9	47.25 mg/L	47.25 mg/L	16:16:02
2	As 188.979†	140.9	145.2	0.1715 mg/L	0.1715 mg/L	16:16:22
2	B 182.528†	5.4	12.0	0.0304 mg/L	0.0304 mg/L	16:16:22
2	Ba 233.527†	134078.5	145487.3	1.345 mg/L	1.345 mg/L	16:16:02
2	Be 313.107†	24961.6	29203.5	0.0054 mg/L	0.0054 mg/L	16:15:57
2	Ca 315.886†	4812078.5	5215092.0	30.01 mg/L	30.01 mg/L	16:15:57
2	Cd 228.802†	2637.1	2711.4	0.0548 mg/L	0.0548 mg/L	16:16:22
2	Co 228.616†	2147.0	2533.0	0.0521 mg/L	0.0521 mg/L	16:16:22
2	Cr 267.716†	454771.0	489799.6	2.900 mg/L	2.900 mg/L	16:15:57
2	Cu 324.752†	18135795.2	19664719.5	85.18 mg/L	85.18 mg/L	16:15:46
2	Fe 234.349†	5447036.2	5905362.7	114.4 mg/L	114.4 mg/L	16:15:57
2	Fe 238.204†	12893015.3	13980572.7	109.5 mg/L	109.5 mg/L	16:15:37
2	Mg 279.077†	360988.4	391136.7	15.67 mg/L	15.67 mg/L	16:16:02
2	Mn 257.610†	1200185.8	1300249.7	1.630 mg/L	1.630 mg/L	16:15:57
2	Mo 202.031†	1366.7	1450.1	0.0949 mg/L	0.0949 mg/L	16:16:22
2	Ni 231.604†	91849.9	99291.0	1.795 mg/L	1.795 mg/L	16:16:02
2	P 214.914†	34355.7	37145.8	23.85 mg/L	23.85 mg/L	16:16:02
2	Pb 220.353†	206765.4	224359.1	21.85 mg/L	21.85 mg/L	16:16:02
2	Sb 206.836†	133.4	103.6	0.0409 mg/L	0.0409 mg/L	16:16:22
2	Se 196.026†	26.7	33.8	0.0417 mg/L	0.0417 mg/L	16:16:22
2	Sn 189.927†	18661.6	19992.3	4.434 mg/L	4.434 mg/L	16:16:02
2	Sr 407.771†	8781677.6	9520244.9	0.3978 mg/L	0.3978 mg/L	16:15:37
2	Ti 337.279†	1855620.6	2014526.8	2.330 mg/L	2.330 mg/L	16:15:57
2	Tl 190.801†	72.2	98.5	0.0566 mg/L	0.0566 mg/L	16:16:22
2	V 292.402†	2688730.4	2917073.0	13.35 mg/L	13.35 mg/L	16:15:57
2	Zn 213.857†	630886.3	683359.7	7.271 mg/L	7.271 mg/L	16:15:57

Mean Data: BH60210-DUP2

Analyte	Mean Corrected Intensity	Conc. Units	Calib	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3400756.6	0.927 mg/L		0.0071			0.77%
Ag 328.068†	509484.7	1.909 mg/L		0.0007	1.909 mg/L	0.0007	0.03%
Al 237.313†	369857.1	46.92 mg/L		0.469	46.92 mg/L	0.469	1.00%
As 188.979†	141.6	0.1668 mg/L		0.00664	0.1668 mg/L	0.00664	3.98%
B 182.528†	10.7	0.0277 mg/L		0.00392	0.0277 mg/L	0.00392	14.18%

Ba 233.527†	144401.7	1.335 mg/L	0.0143	1.335 mg/L	0.0143	1.07%
Be 313.107†	29185.6	0.0054 mg/L	0.00001	0.0054 mg/L	0.00001	0.10%
Ca 315.886†	5221092.8	30.04 mg/L	0.049	30.04 mg/L	0.049	0.16%
Cd 228.802†	2702.2	0.0546 mg/L	0.00024	0.0546 mg/L	0.00024	0.43%
Co 228.616†	2518.1	0.0518 mg/L	0.00047	0.0518 mg/L	0.00047	0.92%
Cr 267.716†	489977.0	2.901 mg/L	0.0015	2.901 mg/L	0.0015	0.05%
Cu 324.752†	19590937.9	84.86 mg/L	0.452	84.86 mg/L	0.452	0.53%
Fe 234.349†	5908241.7	114.5 mg/L	0.08	114.5 mg/L	0.08	0.07%
Fe 238.204†	13882262.2	108.8 mg/L	1.09	108.8 mg/L	1.09	1.00%
K 766.490†	10865.2	5.619 mg/L	0.0688	5.619 mg/L	0.0688	1.22%
Li 670.784†	6029.6	0.0809 mg/L	0.00046	0.0809 mg/L	0.00046	0.57%
Mg 279.077†	388526.5	15.57 mg/L	0.148	15.57 mg/L	0.148	0.95%
Mn 257.610†	1300621.5	1.630 mg/L	0.0007	1.630 mg/L	0.0007	0.04%
Mo 202.031†	1446.7	0.0947 mg/L	0.00031	0.0947 mg/L	0.00031	0.33%
Na 589.592	40743.3	6.578 mg/L	0.0088	6.578 mg/L	0.0088	0.13%
Ni 231.604†	98656.7	1.784 mg/L	0.0162	1.784 mg/L	0.0162	0.91%
P 214.914†	36832.8	23.65 mg/L	0.284	23.65 mg/L	0.284	1.20%
Pb 220.353†	222750.7	21.69 mg/L	0.222	21.69 mg/L	0.222	1.02%
Sb 206.836†	99.8	0.0391 mg/L	0.00256	0.0391 mg/L	0.00256	6.55%
Se 196.026†	25.6	0.0329 mg/L	0.01247	0.0329 mg/L	0.01247	37.86%
Sn 189.927†	19854.1	4.403 mg/L	0.0433	4.403 mg/L	0.0433	0.98%
Sr 407.771†	9451450.6	0.3949 mg/L	0.00407	0.3949 mg/L	0.00407	1.03%
Ti 337.279†	2014569.5	2.330 mg/L	0.0001	2.330 mg/L	0.0001	0.00%
Tl 190.801†	97.4	0.0557 mg/L	0.00119	0.0557 mg/L	0.00119	2.14%
V 292.402†	2918015.4	13.35 mg/L	0.006	13.35 mg/L	0.006	0.05%
Zn 213.857†	683656.7	7.274 mg/L	0.0046	7.274 mg/L	0.0046	0.06%

Duplicate Check: BH60210-DUP2

Analyte	Expected Conc.	Measured Conc.	Std. Dev.	Units	Difference (%)
K 766.490	5.907	5.619	0.069	mg/L	5.0
Li 670.784	0.0727	0.0809	0.000	mg/L	10.7
Na 589.592	6.655	6.578	0.009	mg/L	1.2
Y 371.029			0.000	mg/L	Not calculated
Ag 328.068	2.065	1.909	0.001	mg/L	7.8
Al 237.313	45.52	46.92	0.469	mg/L	3.0
As 188.979	0.1536	0.1668	0.007	mg/L	8.2
B 182.528	0.0474	0.0277	0.004	mg/L	52.5
Ba 233.527	1.188	1.335	0.014	mg/L	11.6
Be 313.107	0.0053	0.0054	0.000	mg/L	1.9
Ca 315.886	29.27	30.04	0.049	mg/L	2.6
Cd 228.802	0.0672	0.0546	0.000	mg/L	20.7
Co 228.616	0.0569	0.0518	0.000	mg/L	9.4
Cr 267.716	3.103	2.901	0.001	mg/L	6.7
Cu 324.752	95.19	84.86	0.452	mg/L	11.5
Fe 234.349	111.9	114.5	0.079	mg/L	2.3
Fe 238.204	105.7	108.8	1.089	mg/L	2.9
Mg 279.077	16.63	15.57	0.148	mg/L	6.6
Mn 257.610	2.032	1.630	0.001	mg/L	22.0
Mo 202.031	0.0998	0.0947	0.000	mg/L	5.2
Ni 231.604	1.959	1.784	0.016	mg/L	9.3
P 214.914	26.64	23.65	0.284	mg/L	11.9
Pb 220.353	24.53	21.69	0.222	mg/L	12.3
Sb 206.836	0.0665	0.0391	0.003	mg/L	51.9
Se 196.026	0.0329	0.0329	0.012	mg/L	0.0
Sn 189.927	5.629	4.403	0.043	mg/L	24.4
Sr 407.771	0.3432	0.3949	0.004	mg/L	14.0
Ti 337.279	2.227	2.330	0.000	mg/L	4.5
Tl 190.801	0.0574	0.0557	0.001	mg/L	3.0
V 292.402	12.89	13.35	0.006	mg/L	3.5
Zn 213.857	8.577	7.274	0.005	mg/L	16.4

Sequence No.: 52
 Sample ID: CCV
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 3
 Date Collected: 8/3/2006 4:18:01 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: CCV

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc. Units	Sample Units	Analysis Time
1	K 766.490†	52196.9	56248.1	26.70 mg/L	26.70 mg/L	16:19:36
1	Li 670.784†	38736.5	41836.4	0.5341 mg/L	0.5341 mg/L	16:19:36
1	Na 589.592	148848.8	146261.5	23.50 mg/L	23.50 mg/L	16:19:36
1	Y 371.029	3410362.9	3410362.9	0.930 mg/L		16:19:51
1	Ag 328.068†	61457.2	68607.9	0.2568 mg/L	0.2568 mg/L	16:19:57
1	Al 237.313†	18221.4	19800.5	2.541 mg/L	2.541 mg/L	16:19:57
1	As 188.979†	373.5	394.1	0.5147 mg/L	0.5147 mg/L	16:20:17
1	B 182.528†	216.6	239.1	0.5173 mg/L	0.5173 mg/L	16:20:17
1	Ba 233.527†	50851.5	54779.9	0.5107 mg/L	0.5107 mg/L	16:19:57
1	Be 313.107†	203718.6	221228.7	0.0506 mg/L	0.0506 mg/L	16:19:57
1	Ca 315.886†	827003.8	886220.1	5.102 mg/L	5.102 mg/L	16:19:51
1	Cd 228.802†	11675.2	12408.1	0.2547 mg/L	0.2547 mg/L	16:20:17
1	Co 228.616†	20766.5	22538.7	0.5102 mg/L	0.5102 mg/L	16:19:57
1	Cr 267.716†	83158.2	86073.3	0.5096 mg/L	0.5096 mg/L	16:19:57
1	Cu 324.752†	114532.6	121159.6	0.5245 mg/L	0.5245 mg/L	16:19:57
1	Fe 234.349†	124368.3	132267.3	2.562 mg/L	2.562 mg/L	16:19:57
1	Fe 238.204†	304258.0	326409.0	2.560 mg/L	2.560 mg/L	16:19:57
1	Mg 279.077†	118440.1	127054.4	5.105 mg/L	5.105 mg/L	16:19:57
1	Mn 257.610†	387150.9	415120.1	0.5188 mg/L	0.5188 mg/L	16:19:57
1	Mo 202.031†	7270.4	7787.2	0.5071 mg/L	0.5071 mg/L	16:20:17
1	Ni 231.604†	26697.0	28399.4	0.5137 mg/L	0.5137 mg/L	16:19:57
1	P 214.914†	7361.3	7806.8	5.043 mg/L	5.043 mg/L	16:20:17
1	Pb 220.353†	4840.3	5345.2	0.5227 mg/L	0.5227 mg/L	16:20:17
1	Sb 206.836†	1042.7	1080.3	0.4956 mg/L	0.4956 mg/L	16:20:17
1	Se 196.026†	880.7	952.1	1.019 mg/L	1.019 mg/L	16:20:17
1	Sn 189.927†	2301.5	2230.6	0.4943 mg/L	0.4943 mg/L	16:20:17
1	Sr 407.771†	1150855.2	1234971.9	0.0515 mg/L	0.0515 mg/L	16:19:51
1	Ti 337.279†	405243.3	438091.5	0.5075 mg/L	0.5075 mg/L	16:19:51
1	Tl 190.801†	697.0	769.9	0.5835 mg/L	0.5835 mg/L	16:20:17
1	V 292.402†	101842.2	110900.7	0.5169 mg/L	0.5169 mg/L	16:19:57
1	Zn 213.857†	45825.2	48500.6	0.5145 mg/L	0.5145 mg/L	16:19:57
2	K 766.490†	52991.8	57179.7	27.14 mg/L	27.14 mg/L	16:19:42
2	Li 670.784†	39189.5	42380.3	0.5410 mg/L	0.5410 mg/L	16:19:42
2	Na 589.592	151044.7	148457.3	23.85 mg/L	23.85 mg/L	16:19:42
2	Y 371.029	3405778.7	3405778.7	0.929 mg/L		16:20:23
2	Ag 328.068†	61768.2	69031.9	0.2584 mg/L	0.2584 mg/L	16:20:29
2	Al 237.313†	18253.0	19860.9	2.549 mg/L	2.549 mg/L	16:20:29
2	As 188.979†	372.5	393.6	0.5140 mg/L	0.5140 mg/L	16:20:49
2	B 182.528†	213.8	236.5	0.5116 mg/L	0.5116 mg/L	16:20:49
2	Ba 233.527†	50987.1	54999.6	0.5127 mg/L	0.5127 mg/L	16:20:29
2	Be 313.107†	204448.1	222309.2	0.0509 mg/L	0.0509 mg/L	16:20:29
2	Ca 315.886†	826081.9	886424.5	5.103 mg/L	5.103 mg/L	16:20:23
2	Cd 228.802†	11628.8	12375.0	0.2540 mg/L	0.2540 mg/L	16:20:49
2	Co 228.616†	20856.1	22665.2	0.5131 mg/L	0.5131 mg/L	16:20:29
2	Cr 267.716†	83199.6	86238.3	0.5105 mg/L	0.5105 mg/L	16:20:29
2	Cu 324.752†	114672.2	121475.8	0.5259 mg/L	0.5259 mg/L	16:20:29
2	Fe 234.349†	124672.2	132774.7	2.572 mg/L	2.572 mg/L	16:20:29
2	Fe 238.204†	304919.0	327561.2	2.569 mg/L	2.569 mg/L	16:20:29
2	Mg 279.077†	118781.5	127593.6	5.127 mg/L	5.127 mg/L	16:20:29
2	Mn 257.610†	388422.0	417049.4	0.5212 mg/L	0.5212 mg/L	16:20:29
2	Mo 202.031†	7266.9	7793.9	0.5076 mg/L	0.5076 mg/L	16:20:49
2	Ni 231.604†	26847.5	28600.2	0.5173 mg/L	0.5173 mg/L	16:20:29
2	P 214.914†	7334.6	7788.7	5.032 mg/L	5.032 mg/L	16:20:49
2	Pb 220.353†	4814.2	5324.1	0.5206 mg/L	0.5206 mg/L	16:20:49
2	Sb 206.836†	1042.5	1081.6	0.4962 mg/L	0.4962 mg/L	16:20:49
2	Se 196.026†	875.6	947.9	1.015 mg/L	1.015 mg/L	16:20:49
2	Sn 189.927†	2290.8	2222.4	0.4925 mg/L	0.4925 mg/L	16:20:49
2	Sr 407.771†	1149410.7	1235082.3	0.0515 mg/L	0.0515 mg/L	16:20:23
2	Ti 337.279†	404643.9	438032.6	0.5074 mg/L	0.5074 mg/L	16:20:23
2	Tl 190.801†	704.8	779.2	0.5903 mg/L	0.5903 mg/L	16:20:49
2	V 292.402†	102243.9	111480.8	0.5196 mg/L	0.5196 mg/L	16:20:29
2	Zn 213.857†	45984.7	48738.8	0.5170 mg/L	0.5170 mg/L	16:20:29

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3408070.8	0.929 mg/L	0.0009			0.10%
Ag 328.068†	68819.9	0.2576 mg/L	0.00112	0.2576 mg/L	0.00112	0.43%

QC value within limits for Ag 328.068 Recovery = 103.03%

Al 237.313†	19830.7	2.545 mg/L	0.0055	2.545 mg/L	0.0055	0.21%
QC value within limits for Al 237.313		Recovery = 101.79%				
As 188.979†	393.8	0.5143 mg/L	0.00049	0.5143 mg/L	0.00049	0.10%
QC value within limits for As 188.979		Recovery = 102.86%				
B 182.528†	237.8	0.5144 mg/L	0.00402	0.5144 mg/L	0.00402	0.78%
QC value within limits for B 182.528		Recovery = 102.89%				
Ba 233.527†	54889.8	0.5117 mg/L	0.00144	0.5117 mg/L	0.00144	0.28%
QC value within limits for Ba 233.527		Recovery = 102.34%				
Be 313.107†	221769.0	0.0508 mg/L	0.00018	0.0508 mg/L	0.00018	0.35%
QC value within limits for Be 313.107		Recovery = 101.55%				
Ca 315.886†	886322.3	5.102 mg/L	0.0008	5.102 mg/L	0.0008	0.02%
QC value within limits for Ca 315.886		Recovery = 102.05%				
Cd 228.802†	12391.6	0.2544 mg/L	0.00047	0.2544 mg/L	0.00047	0.18%
QC value within limits for Cd 228.802		Recovery = 101.75%				
Co 228.616†	22601.9	0.5116 mg/L	0.00203	0.5116 mg/L	0.00203	0.40%
QC value within limits for Co 228.616		Recovery = 102.32%				
Cr 267.716†	86155.8	0.5100 mg/L	0.00069	0.5100 mg/L	0.00069	0.14%
QC value within limits for Cr 267.716		Recovery = 102.01%				
Cu 324.752†	121317.7	0.5252 mg/L	0.00097	0.5252 mg/L	0.00097	0.18%
QC value within limits for Cu 324.752		Recovery = 105.04%				
Fe 234.349†	132521.0	2.567 mg/L	0.0069	2.567 mg/L	0.0069	0.27%
QC value within limits for Fe 234.349		Recovery = 102.67%				
Fe 238.204†	326985.1	2.565 mg/L	0.0064	2.565 mg/L	0.0064	0.25%
QC value within limits for Fe 238.204		Recovery = 102.59%				
K 766.490†	56713.9	26.92 mg/L	0.306	26.92 mg/L	0.306	1.14%
QC value within limits for K 766.490		Recovery = 107.68%				
Li 670.784†	42108.3	0.5376 mg/L	0.00487	0.5376 mg/L	0.00487	0.91%
QC value within limits for Li 670.784		Recovery = 107.51%				
Mg 279.077†	127324.0	5.116 mg/L	0.0153	5.116 mg/L	0.0153	0.30%
QC value within limits for Mg 279.077		Recovery = 102.32%				
Mn 257.610†	416084.7	0.5200 mg/L	0.00171	0.5200 mg/L	0.00171	0.33%
QC value within limits for Mn 257.610		Recovery = 104.00%				
Mo 202.031†	7790.6	0.5073 mg/L	0.00031	0.5073 mg/L	0.00031	0.06%
QC value within limits for Mo 202.031		Recovery = 101.47%				
Na 589.592	147359.4	23.68 mg/L	0.249	23.68 mg/L	0.249	1.05%
QC value within limits for Na 589.592		Recovery = 94.71%				
Ni 231.604†	28499.8	0.5155 mg/L	0.00257	0.5155 mg/L	0.00257	0.50%
QC value within limits for Ni 231.604		Recovery = 103.10%				
P 214.914†	7797.8	5.038 mg/L	0.0082	5.038 mg/L	0.0082	0.16%
QC value within limits for P 214.914		Recovery = 100.75%				
Pb 220.353†	5334.7	0.5216 mg/L	0.00146	0.5216 mg/L	0.00146	0.28%
QC value within limits for Pb 220.353		Recovery = 104.33%				
Sb 206.836†	1080.9	0.4959 mg/L	0.00041	0.4959 mg/L	0.00041	0.08%
QC value within limits for Sb 206.836		Recovery = 99.18%				
Se 196.026†	950.0	1.017 mg/L	0.0032	1.017 mg/L	0.0032	0.31%
QC value within limits for Se 196.026		Recovery = 101.71%				
Sn 189.927†	2226.5	0.4934 mg/L	0.00128	0.4934 mg/L	0.00128	0.26%
QC value within limits for Sn 189.927		Recovery = 98.69%				
Sr 407.771†	1235027.1	0.0515 mg/L	0.00000	0.0515 mg/L	0.00000	0.01%
QC value within limits for Sr 407.771		Recovery = 102.99%				
Ti 337.279†	438062.1	0.5074 mg/L	0.00005	0.5074 mg/L	0.00005	0.01%
QC value within limits for Ti 337.279		Recovery = 101.49%				
Tl 190.801†	774.6	0.5869 mg/L	0.00485	0.5869 mg/L	0.00485	0.83%
QC value greater than the upper limit for Tl 190.801		Recovery = 117.38%				
V 292.402†	111190.7	0.5182 mg/L	0.00188	0.5182 mg/L	0.00188	0.36%
QC value within limits for V 292.402		Recovery = 103.65%				
Zn 213.857†	48619.7	0.5157 mg/L	0.00178	0.5157 mg/L	0.00178	0.34%
QC value within limits for Zn 213.857		Recovery = 103.15%				
QC Failed. Continue with analysis.						

Sequence No.: 53

Sample ID: ICCB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 1

Date Collected: 8/3/2006 4:22:27 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: ICCB

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	279.5	410.1	0.7614 mg/L	0.7614 mg/L	16:24:02

1	Li 670.784†	-133.9	33.4	0.0050 mg/L	0.0050 mg/L	16:24:02
1	Na 589.592	7873.4	5286.0	0.8916 mg/L	0.8916 mg/L	16:24:02
1	Y 371.029	3436213.6	3436213.6	0.937 mg/L		16:24:16
1	Ag 328.068†	-1740.3	654.9	0.0028 mg/L	0.0028 mg/L	16:24:21
1	Al 237.313†	-183.6	7.8	0.0135 mg/L	0.0135 mg/L	16:24:41
1	As 188.979†	6.8	-0.3	0.0013 mg/L	0.0013 mg/L	16:24:41
1	B 182.528†	-3.3	2.6	0.0103 mg/L	0.0103 mg/L	16:24:41
1	Ba 233.527†	-72.6	13.0	0.0015 mg/L	0.0015 mg/L	16:24:41
1	Be 313.107†	-2133.1	-142.1	0.0002 mg/L	0.0002 mg/L	16:24:21
1	Ca 315.886†	3110.1	119.3	0.0178 mg/L	0.0178 mg/L	16:24:21
1	Cd 228.802†	145.9	7.4	0.0008 mg/L	0.0008 mg/L	16:24:41
1	Co 228.616†	-189.9	2.2	0.0000 mg/L	0.0000 mg/L	16:24:41
1	Cr 267.716†	3298.0	159.1	0.0018 mg/L	0.0018 mg/L	16:24:21
1	Cu 324.752†	3795.2	2033.8	0.0079 mg/L	0.0079 mg/L	16:24:21
1	Fe 234.349†	1743.2	373.2	0.0114 mg/L	0.0114 mg/L	16:24:41
1	Fe 238.204†	1472.7	759.6	0.0089 mg/L	0.0089 mg/L	16:24:41
1	Mg 279.077†	346.2	44.8	0.0027 mg/L	0.0027 mg/L	16:24:21
1	Mn 257.610†	721.0	-480.8	-0.0019 mg/L	-0.0019 mg/L	16:24:21
1	Mo 202.031†	49.0	20.4	0.0019 mg/L	0.0019 mg/L	16:24:41
1	Ni 231.604†	339.5	49.9	0.0003 mg/L	0.0003 mg/L	16:24:41
1	P 214.914†	112.7	10.3	0.0457 mg/L	0.0457 mg/L	16:24:41
1	Pb 220.353†	-23.6	114.4	0.0114 mg/L	0.0114 mg/L	16:24:41
1	Sb 206.836†	44.4	6.3	0.0030 mg/L	0.0030 mg/L	16:24:41
1	Se 196.026†	-2.5	2.2	0.0081 mg/L	0.0081 mg/L	16:24:41
1	Sn 189.927†	124.7	-111.6	-0.0249 mg/L	-0.0249 mg/L	16:24:41
1	Sr 407.771†	3057.1	521.1	-0.0001 mg/L	-0.0001 mg/L	16:24:16
1	Ti 337.279†	-2182.8	-66.7	0.0010 mg/L	0.0010 mg/L	16:24:21
1	Tl 190.801†	-8.3	11.4	0.0242 mg/L	0.0242 mg/L	16:24:41
1	V 292.402†	-1338.9	-56.9	0.0015 mg/L	0.0015 mg/L	16:24:21
1	Zn 213.857†	1032.5	318.9	0.0049 mg/L	0.0049 mg/L	16:24:41
2	K 766.490†	337.1	470.2	0.7893 mg/L	0.7893 mg/L	16:24:08
2	Li 670.784†	-152.5	14.1	0.0047 mg/L	0.0047 mg/L	16:24:08
2	Na 589.592	7887.9	5300.5	0.8939 mg/L	0.8939 mg/L	16:24:08
2	Y 371.029	3449820.9	3449820.9	0.941 mg/L		16:24:47
2	Ag 328.068†	-1773.4	627.0	0.0027 mg/L	0.0027 mg/L	16:24:52
2	Al 237.313†	-203.9	-13.0	0.0108 mg/L	0.0108 mg/L	16:25:13
2	As 188.979†	7.2	0.0	0.0017 mg/L	0.0017 mg/L	16:25:13
2	B 182.528†	-2.7	3.4	0.0119 mg/L	0.0119 mg/L	16:25:13
2	Ba 233.527†	-97.9	-13.6	0.0012 mg/L	0.0012 mg/L	16:25:13
2	Be 313.107†	-1993.4	15.5	0.0002 mg/L	0.0002 mg/L	16:24:52
2	Ca 315.886†	3142.0	140.2	0.0179 mg/L	0.0179 mg/L	16:24:52
2	Cd 228.802†	148.7	9.8	0.0008 mg/L	0.0008 mg/L	16:25:13
2	Co 228.616†	-172.3	21.7	0.0005 mg/L	0.0005 mg/L	16:25:13
2	Cr 267.716†	3264.2	109.3	0.0015 mg/L	0.0015 mg/L	16:24:52
2	Cu 324.752†	3830.9	2055.8	0.0080 mg/L	0.0080 mg/L	16:24:52
2	Fe 234.349†	1773.9	398.5	0.0119 mg/L	0.0119 mg/L	16:25:13
2	Fe 238.204†	1430.5	708.5	0.0085 mg/L	0.0085 mg/L	16:25:13
2	Mg 279.077†	411.9	113.2	0.0055 mg/L	0.0055 mg/L	16:24:52
2	Mn 257.610†	715.3	-489.8	-0.0019 mg/L	-0.0019 mg/L	16:24:52
2	Mo 202.031†	65.6	37.8	0.0031 mg/L	0.0031 mg/L	16:25:13
2	Ni 231.604†	345.5	54.8	0.0004 mg/L	0.0004 mg/L	16:25:13
2	P 214.914†	106.2	2.9	0.0409 mg/L	0.0409 mg/L	16:25:13
2	Pb 220.353†	-52.7	83.5	0.0084 mg/L	0.0084 mg/L	16:25:13
2	Sb 206.836†	49.5	11.6	0.0055 mg/L	0.0055 mg/L	16:25:13
2	Se 196.026†	-7.3	-2.9	0.0026 mg/L	0.0026 mg/L	16:25:13
2	Sn 189.927†	131.8	-104.5	-0.0233 mg/L	-0.0233 mg/L	16:25:13
2	Sr 407.771†	2867.3	306.4	-0.0001 mg/L	-0.0001 mg/L	16:24:47
2	Ti 337.279†	-2235.9	-114.0	0.0009 mg/L	0.0009 mg/L	16:24:52
2	Tl 190.801†	-7.0	12.8	0.0253 mg/L	0.0253 mg/L	16:25:13
2	V 292.402†	-1340.8	-53.3	0.0015 mg/L	0.0015 mg/L	16:24:52
2	Zn 213.857†	1014.4	295.3	0.0046 mg/L	0.0046 mg/L	16:25:13

 Mean Data: ICCB

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3443017.2	0.939 mg/L	0.0026			
Ag 328.068†	640.9	0.0027 mg/L	0.00007	0.0027 mg/L	0.00007	0.28%
QC value greater than the upper limit for Ag 328.068 Recovery = Not calculated						
Al 237.313†	-2.6	0.0121 mg/L	0.00188	0.0121 mg/L	0.00188	15.54%
QC value within limits for Al 237.313 Recovery = Not calculated						
As 188.979†	-0.1	0.0015 mg/L	0.00032	0.0015 mg/L	0.00032	21.68%

QC value within limits for As 188.979	Recovery = Not calculated					
B 182.528†	3.0	0.0111 mg/L	0.00109	0.0111 mg/L	0.00109	9.81%
QC value within limits for B 182.528	Recovery = Not calculated					
Ba 233.527†	-0.3	0.0013 mg/L	0.00017	0.0013 mg/L	0.00017	13.07%
QC value within limits for Ba 233.527	Recovery = Not calculated					
Be 313.107†	-63.3	0.0002 mg/L	0.00003	0.0002 mg/L	0.00003	12.38%
QC value within limits for Be 313.107	Recovery = Not calculated					
Ca 315.886†	129.7	0.0179 mg/L	0.00008	0.0179 mg/L	0.00008	0.47%
QC value within limits for Ca 315.886	Recovery = Not calculated					
Cd 228.802†	8.6	0.0008 mg/L	0.00003	0.0008 mg/L	0.00003	4.35%
QC value within limits for Cd 228.802	Recovery = Not calculated					
Co 228.616†	11.9	0.0003 mg/L	0.00031	0.0003 mg/L	0.00031	125.12%
QC value within limits for Co 228.616	Recovery = Not calculated					
Cr 267.716†	134.2	0.0017 mg/L	0.00021	0.0017 mg/L	0.00021	12.35%
QC value within limits for Cr 267.716	Recovery = Not calculated					
Cu 324.752†	2044.8	0.0080 mg/L	0.00007	0.0080 mg/L	0.00007	0.85%
QC value greater than the upper limit for Cu 324.752	Recovery = Not calculated					
Fe 234.349†	385.9	0.0116 mg/L	0.00035	0.0116 mg/L	0.00035	2.97%
QC value within limits for Fe 234.349	Recovery = Not calculated					
Fe 238.204†	734.1	0.0087 mg/L	0.00028	0.0087 mg/L	0.00028	3.26%
QC value within limits for Fe 238.204	Recovery = Not calculated					
K 766.490†	440.2	0.7754 mg/L	0.01973	0.7754 mg/L	0.01973	2.55%
QC value greater than the upper limit for K 766.490	Recovery = Not calculated					
Li 670.784†	23.8	0.0048 mg/L	0.00017	0.0048 mg/L	0.00017	3.56%
QC value within limits for Li 670.784	Recovery = Not calculated					
Mg 279.077†	79.0	0.0041 mg/L	0.00194	0.0041 mg/L	0.00194	47.06%
QC value within limits for Mg 279.077	Recovery = Not calculated					
Mn 257.610†	-485.3	-0.0019 mg/L	0.00001	-0.0019 mg/L	0.00001	0.43%
QC value within limits for Mn 257.610	Recovery = Not calculated					
Mo 202.031†	29.1	0.0025 mg/L	0.00080	0.0025 mg/L	0.00080	32.25%
QC value within limits for Mo 202.031	Recovery = Not calculated					
Na 589.592	5293.2	0.8927 mg/L	0.00164	0.8927 mg/L	0.00164	0.18%
QC value within limits for Na 589.592	Recovery = Not calculated					
Ni 231.604†	52.4	0.0004 mg/L	0.00006	0.0004 mg/L	0.00006	17.33%
QC value within limits for Ni 231.604	Recovery = Not calculated					
P 214.914†	6.6	0.0433 mg/L	0.00337	0.0433 mg/L	0.00337	7.79%
QC value within limits for P 214.914	Recovery = Not calculated					
Pb 220.353†	99.0	0.0099 mg/L	0.00213	0.0099 mg/L	0.00213	21.50%
QC value within limits for Pb 220.353	Recovery = Not calculated					
Sb 206.836†	9.0	0.0043 mg/L	0.00175	0.0043 mg/L	0.00175	40.85%
QC value within limits for Sb 206.836	Recovery = Not calculated					
Se 196.026†	-0.3	0.0054 mg/L	0.00385	0.0054 mg/L	0.00385	71.82%
QC value within limits for Se 196.026	Recovery = Not calculated					
Sn 189.927†	-108.0	-0.0241 mg/L	0.00111	-0.0241 mg/L	0.00111	4.60%
QC value less than the lower limit for Sn 189.927	Recovery = Not calculated					
Sr 407.771†	413.8	-0.0001 mg/L	0.00001	-0.0001 mg/L	0.00001	5.96%
QC value within limits for Sr 407.771	Recovery = Not calculated					
Ti 337.279†	-90.3	0.0009 mg/L	0.00004	0.0009 mg/L	0.00004	4.16%
QC value within limits for Ti 337.279	Recovery = Not calculated					
Tl 190.801†	12.1	0.0248 mg/L	0.00073	0.0248 mg/L	0.00073	2.95%
QC value within limits for Tl 190.801	Recovery = Not calculated					
V 292.402†	-55.1	0.0015 mg/L	0.00003	0.0015 mg/L	0.00003	1.67%
QC value within limits for V 292.402	Recovery = Not calculated					
Zn 213.857†	307.1	0.0047 mg/L	0.00018	0.0047 mg/L	0.00018	3.75%
QC value within limits for Zn 213.857	Recovery = Not calculated					
QC Failed. Continue with analysis.						

Sequence No.: 54

Sample ID: BH60210-MS2

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 50

Date Collected: 8/3/2006 4:26:50 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: BH60210-MS2

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	59217.3	64988.8	30.77 mg/L	30.77 mg/L	16:28:27
1	Li 670.784†	39648.9	43614.7	0.5566 mg/L	0.5566 mg/L	16:28:27
1	Na 589.592	172304.5	169717.1	27.26 mg/L	27.26 mg/L	16:28:27
1	Y 371.029	3347785.5	3347785.5	0.913 mg/L		16:29:08

1	Ag 328.068†	564269.3	620712.3	2.325 mg/L	2.325 mg/L	16:29:13
1	Al 237.313†	335479.1	367746.8	46.60 mg/L	46.60 mg/L	16:29:13
1	As 188.979†	445.1	480.0	0.6070 mg/L	0.6070 mg/L	16:29:34
1	B 182.528†	187.1	211.2	0.4573 mg/L	0.4573 mg/L	16:29:34
1	Ba 233.527†	158363.6	173589.9	1.606 mg/L	1.606 mg/L	16:29:13
1	Be 313.107†	205158.5	226901.5	0.0511 mg/L	0.0511 mg/L	16:29:08
1	Ca 315.886†	5598084.6	6129927.6	35.26 mg/L	35.26 mg/L	16:29:08
1	Cd 228.802†	14949.5	16230.0	0.3319 mg/L	0.3319 mg/L	16:29:34
1	Co 228.616†	20755.4	22944.0	0.5147 mg/L	0.5147 mg/L	16:29:34
1	Cr 267.716†	724855.6	790773.4	4.679 mg/L	4.679 mg/L	16:29:13
1	Cu 324.752†	23665738.4	25925601.3	112.3 mg/L	112.3 mg/L	16:28:58
1	Fe 234.349†	5951511.5	6518846.6	126.3 mg/L	126.3 mg/L	16:29:08
1	Fe 238.204†	13827216.7	15147956.4	118.7 mg/L	118.7 mg/L	16:28:49
1	Mg 279.077†	478029.9	523393.4	20.99 mg/L	20.99 mg/L	16:29:13
1	Mn 257.610†	2282607.3	2499519.8	3.132 mg/L	3.132 mg/L	16:29:08
1	Mo 202.031†	8112.7	8856.1	0.5767 mg/L	0.5767 mg/L	16:29:34
1	Ni 231.604†	134560.7	147109.0	2.661 mg/L	2.661 mg/L	16:29:13
1	P 214.914†	48339.5	52849.6	33.92 mg/L	33.92 mg/L	16:29:13
1	Pb 220.353†	297188.8	325732.5	31.72 mg/L	31.72 mg/L	16:29:13
1	Sb 206.836†	1098.3	1162.2	0.5023 mg/L	0.5023 mg/L	16:29:34
1	Se 196.026†	769.6	848.0	0.9085 mg/L	0.9085 mg/L	16:29:34
1	Sn 189.927†	37081.6	40381.1	8.949 mg/L	8.949 mg/L	16:29:13
1	Sr 407.771†	8081734.9	8851414.0	0.3698 mg/L	0.3698 mg/L	16:28:49
1	Ti 337.279†	1962457.1	2152284.3	2.489 mg/L	2.489 mg/L	16:29:08
1	Tl 190.801†	640.7	722.1	0.5333 mg/L	0.5333 mg/L	16:29:34
1	V 292.402†	2820527.5	3091474.9	14.15 mg/L	14.15 mg/L	16:29:08
1	Zn 213.857†	1065706.1	1166779.0	12.40 mg/L	12.40 mg/L	16:29:08
2	K 766.490†	59107.4	64665.0	30.61 mg/L	30.61 mg/L	16:28:34
2	Li 670.784†	39538.7	43357.9	0.5534 mg/L	0.5534 mg/L	16:28:34
2	Na 589.592	172049.4	169462.0	27.22 mg/L	27.22 mg/L	16:28:34
2	Y 371.029	3358331.9	3358331.9	0.916 mg/L		16:30:04
2	Ag 328.068†	565951.8	620608.6	2.324 mg/L	2.324 mg/L	16:30:10
2	Al 237.313†	336473.6	367678.6	46.59 mg/L	46.59 mg/L	16:30:10
2	As 188.979†	442.5	475.7	0.6014 mg/L	0.6014 mg/L	16:30:30
2	B 182.528†	193.8	217.8	0.4716 mg/L	0.4716 mg/L	16:30:30
2	Ba 233.527†	158878.8	173607.7	1.606 mg/L	1.606 mg/L	16:30:10
2	Be 313.107†	205163.5	226201.2	0.0510 mg/L	0.0510 mg/L	16:30:04
2	Ca 315.886†	5597482.4	6110009.7	35.14 mg/L	35.14 mg/L	16:30:04
2	Cd 228.802†	14958.8	16188.7	0.3311 mg/L	0.3311 mg/L	16:30:30
2	Co 228.616†	20831.2	22955.4	0.5150 mg/L	0.5150 mg/L	16:30:30
2	Cr 267.716†	726706.5	790301.0	4.677 mg/L	4.677 mg/L	16:30:10
2	Cu 324.752†	23573698.8	25743659.7	111.5 mg/L	111.5 mg/L	16:29:55
2	Fe 234.349†	5955603.6	6502839.6	126.0 mg/L	126.0 mg/L	16:30:04
2	Fe 238.204†	13786465.7	15055878.3	117.9 mg/L	117.9 mg/L	16:29:45
2	Mg 279.077†	478155.1	521885.6	20.93 mg/L	20.93 mg/L	16:30:10
2	Mn 257.610†	2284532.0	2493768.5	3.125 mg/L	3.125 mg/L	16:30:04
2	Mo 202.031†	8134.4	8851.9	0.5764 mg/L	0.5764 mg/L	16:30:30
2	Ni 231.604†	134849.8	146961.9	2.658 mg/L	2.658 mg/L	16:30:10
2	P 214.914†	48403.2	52752.8	33.85 mg/L	33.85 mg/L	16:30:10
2	Pb 220.353†	297743.5	325315.8	31.68 mg/L	31.68 mg/L	16:30:10
2	Sb 206.836†	1112.0	1173.4	0.5075 mg/L	0.5075 mg/L	16:30:30
2	Se 196.026†	773.7	849.9	0.9105 mg/L	0.9105 mg/L	16:30:30
2	Sn 189.927†	37148.5	40326.6	8.937 mg/L	8.937 mg/L	16:30:10
2	Sr 407.771†	8065216.9	8805568.9	0.3679 mg/L	0.3679 mg/L	16:29:45
2	Ti 337.279†	1966669.0	2150132.5	2.487 mg/L	2.487 mg/L	16:30:04
2	Tl 190.801†	637.2	716.1	0.5289 mg/L	0.5289 mg/L	16:30:30
2	V 292.402†	2825304.6	3086988.1	14.13 mg/L	14.13 mg/L	16:30:04
2	Zn 213.857†	1066999.8	1164525.3	12.38 mg/L	12.38 mg/L	16:30:04

Mean Data: BH60210-MS2

Analyte	Mean Corrected Intensity	Conc. Units	Calib	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3353058.7	0.914 mg/L		0.0020			0.22%
Ag 328.068†	620660.5	2.325 mg/L		0.0003	2.325 mg/L	0.0003	0.01%
Al 237.313†	367712.7	46.59 mg/L		0.005	46.59 mg/L	0.005	0.01%
As 188.979†	477.8	0.6042 mg/L		0.00395	0.6042 mg/L	0.00395	0.65%
B 182.528†	214.5	0.4645 mg/L		0.01006	0.4645 mg/L	0.01006	2.17%
Ba 233.527†	173598.8	1.606 mg/L		0.0001	1.606 mg/L	0.0001	0.01%
Be 313.107†	226551.3	0.0510 mg/L		0.00011	0.0510 mg/L	0.00011	0.22%
Ca 315.886†	6119968.6	35.20 mg/L		0.081	35.20 mg/L	0.081	0.23%
Cd 228.802†	16209.4	0.3315 mg/L		0.00057	0.3315 mg/L	0.00057	0.17%

Co 228.616†	22949.7	0.5148 mg/L	0.00019	0.5148 mg/L	0.00019	0.04%
Cr 267.716†	790537.2	4.678 mg/L	0.0020	4.678 mg/L	0.0020	0.04%
Cu 324.752†	25834630.5	111.9 mg/L	0.56	111.9 mg/L	0.56	0.50%
Fe 234.349†	6510843.1	126.2 mg/L	0.22	126.2 mg/L	0.22	0.17%
Fe 238.204†	15101917.3	118.3 mg/L	0.51	118.3 mg/L	0.51	0.43%
K 766.490†	64826.9	30.69 mg/L	0.106	30.69 mg/L	0.106	0.35%
Li 670.784†	43486.3	0.5550 mg/L	0.00230	0.5550 mg/L	0.00230	0.41%
Mg 279.077†	522639.5	20.96 mg/L	0.043	20.96 mg/L	0.043	0.20%
Mn 257.610†	2496644.1	3.128 mg/L	0.0051	3.128 mg/L	0.0051	0.16%
Mo 202.031†	8854.0	0.5765 mg/L	0.00019	0.5765 mg/L	0.00019	0.03%
Na 589.592	169589.5	27.24 mg/L	0.029	27.24 mg/L	0.029	0.11%
Ni 231.604†	147035.4	2.659 mg/L	0.0019	2.659 mg/L	0.0019	0.07%
P 214.914†	52801.2	33.89 mg/L	0.044	33.89 mg/L	0.044	0.13%
Pb 220.353†	325524.2	31.70 mg/L	0.028	31.70 mg/L	0.028	0.09%
Sb 206.836†	1167.8	0.5049 mg/L	0.00371	0.5049 mg/L	0.00371	0.73%
Se 196.026†	848.9	0.9095 mg/L	0.00140	0.9095 mg/L	0.00140	0.15%
Sn 189.927†	40353.9	8.943 mg/L	0.0085	8.943 mg/L	0.0085	0.10%
Sr 407.771†	8828491.4	0.3689 mg/L	0.00135	0.3689 mg/L	0.00135	0.37%
Ti 337.279†	2151208.4	2.488 mg/L	0.0018	2.488 mg/L	0.0018	0.07%
Tl 190.801†	719.1	0.5311 mg/L	0.00315	0.5311 mg/L	0.00315	0.59%
V 292.402†	3089231.5	14.14 mg/L	0.015	14.14 mg/L	0.015	0.10%
Zn 213.857†	1165652.1	12.39 mg/L	0.017	12.39 mg/L	0.017	0.14%

Matrix Recovery Check: BH60210-MS2

Analyte	Expected Conc.	Measured Conc.	Std. Dev.	Units	Recovery (%)
K 766.490	30.91	30.69	0.106	mg/L	99.1
Li 670.784	0.5727	0.5550	0.002	mg/L	96.5
Na 589.592	31.66	27.24	0.029	mg/L	82.4
Ag 328.068	2.315	2.325	0.000	mg/L	104.0
Al 237.313	48.02	46.59	0.005	mg/L	43.0
As 188.979	0.6536	0.6042	0.004	mg/L	90.1
B 182.528	0.5474	0.4645	0.010	mg/L	83.4
Ba 233.527	1.688	1.606	0.000	mg/L	83.6
Be 313.107	0.0553	0.0510	0.000	mg/L	91.4
Ca 315.886	34.27	35.20	0.081	mg/L	118.6
Cd 228.802	0.3172	0.3315	0.001	mg/L	105.7
Co 228.616	0.5569	0.5148	0.000	mg/L	91.6
Cr 267.716	3.603	4.678	0.002	mg/L	315.1
Cu 324.752	95.69	111.9	0.557	mg/L	3340.7
Fe 234.349	114.4	126.2	0.219	mg/L	571.6
Fe 238.204	108.2	118.3	0.510	mg/L	505.0
Mg 279.077	21.63	20.96	0.043	mg/L	86.6
Mn 257.610	2.532	3.128	0.005	mg/L	219.2
Mo 202.031	0.5998	0.5765	0.000	mg/L	95.4
Ni 231.604	2.459	2.659	0.002	mg/L	140.2
P 214.914	31.64	33.89	0.044	mg/L	144.8
Pb 220.353	25.03	31.70	0.028	mg/L	1435.0
Sb 206.836	0.5665	0.5049	0.004	mg/L	87.7
Se 196.026	1.033	0.9095	0.001	mg/L	87.7
Sn 189.927	6.129	8.943	0.009	mg/L	662.8
Sr 407.771	0.3932	0.3689	0.001	mg/L	51.2
Ti 337.279	2.727	2.488	0.002	mg/L	52.2
Tl 190.801	0.5574	0.5311	0.003	mg/L	94.7
V 292.402	13.39	14.14	0.015	mg/L	248.8
Zn 213.857	9.077	12.39	0.017	mg/L	763.1

Sequence No.: 55
 Sample ID: BH60210-SD2
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 51
 Date Collected: 8/3/2006 4:32:09 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: BH60210-SD2

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	2289.6	2517.9	1.741 mg/L	1.741 mg/L	16:33:46
1	Li 670.784†	932.3	1156.1	0.0192 mg/L	0.0192 mg/L	16:33:46
1	Na 589.592	14920.4	12333.0	2.022 mg/L	2.022 mg/L	16:33:46

1	Y 371.029	3490080.4	3490080.4	0.952 mg/L			16:34:04
1	Ag 328.068†	117770.9	126278.8	0.4731 mg/L	0.4731 mg/L		16:34:09
1	Al 237.313†	70755.5	74561.4	9.462 mg/L	9.462 mg/L		16:34:09
1	As 188.979†	32.3	26.3	0.0321 mg/L	0.0321 mg/L		16:34:29
1	B 182.528†	1.9	8.2	0.0222 mg/L	0.0222 mg/L		16:34:29
1	Ba 233.527†	25487.1	26875.2	0.2494 mg/L	0.2494 mg/L		16:34:09
1	Be 313.107†	3614.9	5933.7	0.0013 mg/L	0.0013 mg/L		16:34:09
1	Ca 315.886†	1015926.1	1064444.7	6.138 mg/L	6.138 mg/L		16:34:04
1	Cd 228.802†	819.3	712.7	0.0150 mg/L	0.0150 mg/L		16:34:29
1	Co 228.616†	379.2	603.3	0.0126 mg/L	0.0126 mg/L		16:34:29
1	Cr 267.716†	109117.7	111311.5	0.6597 mg/L	0.6597 mg/L		16:34:09
1	Cu 324.752†	4512839.3	4740562.6	20.53 mg/L	20.53 mg/L		16:34:04
1	Fe 234.349†	1200226.1	1259840.0	24.42 mg/L	24.42 mg/L		16:34:04
1	Fe 238.204†	2941908.8	3090863.6	24.22 mg/L	24.22 mg/L		16:34:04
1	Mg 279.077†	84672.7	88658.5	3.555 mg/L	3.555 mg/L		16:34:09
1	Mn 257.610†	332781.8	348472.8	0.4357 mg/L	0.4357 mg/L		16:34:09
1	Mo 202.031†	346.8	332.5	0.0222 mg/L	0.0222 mg/L		16:34:29
1	Ni 231.604†	22339.0	23163.8	0.4184 mg/L	0.4184 mg/L		16:34:09
1	P 214.914†	8593.2	8920.7	5.757 mg/L	5.757 mg/L		16:34:09
1	Pb 220.353†	51580.3	54345.8	5.292 mg/L	5.292 mg/L		16:34:09
1	Sb 206.836†	68.3	30.7	0.0113 mg/L	0.0113 mg/L		16:34:29
1	Se 196.026†	1.6	6.5	0.0127 mg/L	0.0127 mg/L		16:34:29
1	Sn 189.927†	5331.1	5357.9	1.188 mg/L	1.188 mg/L		16:34:29
1	Sr 407.771†	1670456.5	1752754.4	0.0731 mg/L	0.0731 mg/L		16:34:04
1	Ti 337.279†	377567.1	399051.5	0.4624 mg/L	0.4624 mg/L		16:34:04
1	Tl 190.801†	8.1	28.8	0.0326 mg/L	0.0326 mg/L		16:34:29
1	V 292.402†	553475.4	583024.0	2.668 mg/L	2.668 mg/L		16:34:04
1	Zn 213.857†	169762.1	177621.2	1.890 mg/L	1.890 mg/L		16:34:09
2	K 766.490†	2287.7	2528.3	1.746 mg/L	1.746 mg/L		16:33:52
2	Li 670.784†	883.2	1109.2	0.0186 mg/L	0.0186 mg/L		16:33:52
2	Na 589.592	14999.2	12411.8	2.034 mg/L	2.034 mg/L		16:33:52
2	Y 371.029	3472296.0	3472296.0	0.947 mg/L			16:34:38
2	Ag 328.068†	117674.4	126810.8	0.4751 mg/L	0.4751 mg/L		16:34:44
2	Al 237.313†	70554.8	74730.2	9.484 mg/L	9.484 mg/L		16:34:44
2	As 188.979†	31.9	26.1	0.0318 mg/L	0.0318 mg/L		16:35:04
2	B 182.528†	-1.8	4.3	0.0139 mg/L	0.0139 mg/L		16:35:04
2	Ba 233.527†	25351.6	26869.2	0.2493 mg/L	0.2493 mg/L		16:34:44
2	Be 313.107†	3691.0	6033.5	0.0013 mg/L	0.0013 mg/L		16:34:44
2	Ca 315.886†	1010839.9	1064540.4	6.138 mg/L	6.138 mg/L		16:34:38
2	Cd 228.802†	833.3	731.9	0.0154 mg/L	0.0154 mg/L		16:35:04
2	Co 228.616†	366.2	591.6	0.0123 mg/L	0.0123 mg/L		16:35:04
2	Cr 267.716†	108694.0	111451.4	0.6605 mg/L	0.6605 mg/L		16:34:44
2	Cu 324.752†	4498121.5	4749306.8	20.57 mg/L	20.57 mg/L		16:34:38
2	Fe 234.349†	1195341.2	1261140.4	24.44 mg/L	24.44 mg/L		16:34:38
2	Fe 238.204†	2929515.8	3093608.0	24.24 mg/L	24.24 mg/L		16:34:38
2	Mg 279.077†	84413.9	88840.9	3.562 mg/L	3.562 mg/L		16:34:44
2	Mn 257.610†	331711.9	349133.8	0.4365 mg/L	0.4365 mg/L		16:34:44
2	Mo 202.031†	350.7	338.5	0.0226 mg/L	0.0226 mg/L		16:35:04
2	Ni 231.604†	22307.9	23251.2	0.4200 mg/L	0.4200 mg/L		16:34:44
2	P 214.914†	8510.5	8879.5	5.731 mg/L	5.731 mg/L		16:34:44
2	Pb 220.353†	51400.6	54433.5	5.300 mg/L	5.300 mg/L		16:34:44
2	Sb 206.836†	67.8	30.6	0.0113 mg/L	0.0113 mg/L		16:35:04
2	Se 196.026†	-1.8	3.0	0.0089 mg/L	0.0089 mg/L		16:35:04
2	Sn 189.927†	5289.5	5342.6	1.184 mg/L	1.184 mg/L		16:35:04
2	Sr 407.771†	1663218.3	1754100.0	0.0732 mg/L	0.0732 mg/L		16:34:38
2	Ti 337.279†	376313.8	399759.9	0.4632 mg/L	0.4632 mg/L		16:34:38
2	Tl 190.801†	6.2	26.7	0.0311 mg/L	0.0311 mg/L		16:35:04
2	V 292.402†	551131.0	583526.8	2.671 mg/L	2.671 mg/L		16:34:38
2	Zn 213.857†	169375.4	178126.5	1.895 mg/L	1.895 mg/L		16:34:44

Mean Data: BH60210-SD2

Analyte	Mean Corrected		Calib	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 371.029	3481188.2	0.949 mg/L	0.0034				
Ag 328.068†	126544.8	0.4741 mg/L	0.00140	0.4741 mg/L	0.00140	0.36%	
Al 237.313†	74645.8	9.473 mg/L	0.0152	9.473 mg/L	0.0152	0.16%	
As 188.979†	26.2	0.0319 mg/L	0.00019	0.0319 mg/L	0.00019	0.61%	
B 182.528†	6.2	0.0181 mg/L	0.00591	0.0181 mg/L	0.00591	32.70%	
Ba 233.527†	26872.2	0.2494 mg/L	0.00004	0.2494 mg/L	0.00004	0.02%	
Be 313.107†	5983.6	0.0013 mg/L	0.00002	0.0013 mg/L	0.00002	1.19%	
Ca 315.886†	1064492.6	6.138 mg/L	0.0004	6.138 mg/L	0.0004	0.01%	

Element	Intensity	Conc. (mg/L)	Std. Dev.	Conc. (mg/L)	Std. Dev.	Conc. (mg/L)	Std. Dev.	Conc. (%)
Cd 228.802†	722.3	0.0152	0.00028	0.0152	0.00028	0.0152	0.00028	1.84%
Co 228.616†	597.5	0.0125	0.00019	0.0125	0.00019	0.0125	0.00019	1.52%
Cr 267.716†	111381.4	0.6601	0.00059	0.6601	0.00059	0.6601	0.00059	0.09%
Cu 324.752†	4744934.7	20.55	0.027	20.55	0.027	20.55	0.027	0.13%
Fe 234.349†	1260490.2	24.43	0.018	24.43	0.018	24.43	0.018	0.07%
Fe 238.204†	3092235.8	24.23	0.015	24.23	0.015	24.23	0.015	0.06%
K 766.490†	2523.1	1.743	0.0034	1.743	0.0034	1.743	0.0034	0.19%
Li 670.784†	1132.7	0.0189	0.00042	0.0189	0.00042	0.0189	0.00042	2.22%
Mg 279.077†	88749.7	3.558	0.0052	3.558	0.0052	3.558	0.0052	0.15%
Mn 257.610†	348803.3	0.4361	0.00059	0.4361	0.00059	0.4361	0.00059	0.13%
Mo 202.031†	335.5	0.0224	0.00027	0.0224	0.00027	0.0224	0.00027	1.22%
Na 589.592	12372.4	2.028	0.0089	2.028	0.0089	2.028	0.0089	0.44%
Ni 231.604†	23207.5	0.4192	0.00112	0.4192	0.00112	0.4192	0.00112	0.27%
P 214.914†	8900.1	5.744	0.0187	5.744	0.0187	5.744	0.0187	0.33%
Pb 220.353†	54389.6	5.296	0.0060	5.296	0.0060	5.296	0.0060	0.11%
Sb 206.836†	30.6	0.0113	0.00004	0.0113	0.00004	0.0113	0.00004	0.38%
Se 196.026†	4.8	0.0108	0.00267	0.0108	0.00267	0.0108	0.00267	24.73%
Sn 189.927†	5350.2	1.186	0.0024	1.186	0.0024	1.186	0.0024	0.20%
Sr 407.771†	1753427.2	0.0732	0.00004	0.0732	0.00004	0.0732	0.00004	0.05%
Ti 337.279†	399405.7	0.4628	0.00058	0.4628	0.00058	0.4628	0.00058	0.13%
Tl 190.801†	27.8	0.0318	0.00104	0.0318	0.00104	0.0318	0.00104	3.27%
V 292.402†	583275.4	2.670	0.0016	2.670	0.0016	2.670	0.0016	0.06%
Zn 213.857†	177873.9	1.893	0.0038	1.893	0.0038	1.893	0.0038	0.20%

Dilution Check: BH60210-SD2

Analyte	Expected Conc.	Measured Conc.	Std. Dev.	Units	Difference (%)
K 766.490	1.181	1.743	0.003	mg/L	47.5
Li 670.784	0.0145	0.0189	0.000	mg/L	29.9
Na 589.592	1.331	2.028	0.009	mg/L	52.4
Y 371.029			0.000	mg/L	Not calculated
Ag 328.068	0.4129	0.4741	0.001	mg/L	14.8
Al 237.313	9.104	9.473	0.015	mg/L	4.1
As 188.979	0.0307	0.0319	0.000	mg/L	3.9
B 182.528	0.0095	0.0181	0.006	mg/L	90.5
Ba 233.527	0.2376	0.2494	0.000	mg/L	4.9
Be 313.107	0.0011	0.0013	0.000	mg/L	24.9
Ca 315.886	5.854	6.138	0.000	mg/L	4.9
Cd 228.802	0.0134	0.0152	0.000	mg/L	12.9
Co 228.616	0.0114	0.0125	0.000	mg/L	9.5
Cr 267.716	0.6205	0.6601	0.001	mg/L	6.4
Cu 324.752	19.04	20.55	0.027	mg/L	7.9
Fe 234.349	22.37	24.43	0.018	mg/L	9.2
Fe 238.204	21.14	24.23	0.015	mg/L	14.6
Mg 279.077	3.326	3.558	0.005	mg/L	7.0
Mn 257.610	0.4065	0.4361	0.001	mg/L	7.3
Mo 202.031	0.0200	0.0224	0.000	mg/L	12.4
Ni 231.604	0.3917	0.4192	0.001	mg/L	7.0
P 214.914	5.329	5.744	0.019	mg/L	7.8
Pb 220.353	4.905	5.296	0.006	mg/L	8.0
Sb 206.836	0.0133	0.0113	0.000	mg/L	15.1
Se 196.026	0.0066	0.0108	0.003	mg/L	63.9
Sn 189.927	1.126	1.186	0.002	mg/L	5.3
Sr 407.771	0.0686	0.0732	0.000	mg/L	6.6
Ti 337.279	0.4454	0.4628	0.001	mg/L	3.9
Tl 190.801	0.0115	0.0318	0.001	mg/L	177.4
V 292.402	2.579	2.670	0.002	mg/L	3.5
Zn 213.857	1.715	1.893	0.004	mg/L	10.3

Sequence No.: 56
 Sample ID: BH60210-PDS2
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 52
 Date Collected: 8/3/2006 4:36:44 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: BH60210-PDS2

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	62199.7	67479.2	31.92 mg/L	31.92 mg/L	16:38:22

1	Li 670.784†	41755.9	45401.3	0.5792 mg/L	0.5792 mg/L	16:38:22
1	Na 589.592	183864.1	181276.7	29.12 mg/L	29.12 mg/L	16:38:22
1	Y 371.029	3386406.2	3386406.2	0.923 mg/L		16:39:02
1	Ag 328.068†	580895.8	631669.9	2.365 mg/L	2.365 mg/L	16:39:08
1	Al 237.313†	348468.7	377623.8	47.92 mg/L	47.92 mg/L	16:39:08
1	As 188.979†	462.6	493.4	0.6254 mg/L	0.6254 mg/L	16:39:28
1	B 182.528†	217.4	241.6	0.5226 mg/L	0.5226 mg/L	16:39:28
1	Ba 233.527†	165946.8	179824.5	1.664 mg/L	1.664 mg/L	16:39:08
1	Be 313.107†	217834.0	238066.8	0.0532 mg/L	0.0532 mg/L	16:39:02
1	Ca 315.886†	5488534.3	5941329.7	34.17 mg/L	34.17 mg/L	16:39:02
1	Cd 228.802†	13764.5	14759.8	0.3018 mg/L	0.3018 mg/L	16:39:28
1	Co 228.616†	21969.7	23999.8	0.5383 mg/L	0.5383 mg/L	16:39:28
1	Cr 267.716†	568580.2	612457.5	3.625 mg/L	3.625 mg/L	16:39:08
1	Cu 324.752†	19836726.2	21482774.4	93.05 mg/L	93.05 mg/L	16:38:53
1	Fe 234.349†	5413455.2	5861725.9	113.6 mg/L	113.6 mg/L	16:39:02
1	Fe 238.204†	12544625.8	13586040.0	106.4 mg/L	106.4 mg/L	16:38:44
1	Mg 279.077†	485413.1	525417.3	21.07 mg/L	21.07 mg/L	16:39:08
1	Mn 257.610†	1844615.9	1996619.0	2.502 mg/L	2.502 mg/L	16:39:02
1	Mo 202.031†	8331.5	8991.7	0.5855 mg/L	0.5855 mg/L	16:39:28
1	Ni 231.604†	123764.6	133734.7	2.419 mg/L	2.419 mg/L	16:39:08
1	P 214.914†	44327.0	47899.7	30.74 mg/L	30.74 mg/L	16:39:08
1	Pb 220.353†	234936.1	254594.5	24.79 mg/L	24.79 mg/L	16:39:08
1	Sb 206.836†	1121.3	1173.4	0.5254 mg/L	0.5254 mg/L	16:39:28
1	Se 196.026†	833.4	907.6	0.9720 mg/L	0.9720 mg/L	16:39:28
1	Sn 189.927†	25601.5	27483.9	6.093 mg/L	6.093 mg/L	16:39:28
1	Sr 407.771†	8496771.0	9199953.6	0.3844 mg/L	0.3844 mg/L	16:38:44
1	Ti 337.279†	2127690.0	2306724.9	2.668 mg/L	2.668 mg/L	16:39:02
1	Tl 190.801†	701.8	780.3	0.5680 mg/L	0.5680 mg/L	16:39:28
1	V 292.402†	2693426.5	2918572.6	13.36 mg/L	13.36 mg/L	16:39:02
1	Zn 213.857†	794535.3	859763.3	9.142 mg/L	9.142 mg/L	16:39:08
2	K 766.490†	61874.8	67764.4	32.05 mg/L	32.05 mg/L	16:38:29
2	Li 670.784†	41494.1	45545.1	0.5811 mg/L	0.5811 mg/L	16:38:29
2	Na 589.592	182602.8	180015.4	28.91 mg/L	28.91 mg/L	16:38:29
2	Y 371.029	3354511.0	3354511.0	0.915 mg/L		16:39:58
2	Ag 328.068†	574934.0	631133.5	2.363 mg/L	2.363 mg/L	16:40:04
2	Al 237.313†	344695.4	377086.8	47.85 mg/L	47.85 mg/L	16:40:04
2	As 188.979†	458.9	494.1	0.6263 mg/L	0.6263 mg/L	16:40:24
2	B 182.528†	219.5	246.2	0.5324 mg/L	0.5324 mg/L	16:40:24
2	Ba 233.527†	164032.2	179439.9	1.661 mg/L	1.661 mg/L	16:40:04
2	Be 313.107†	214999.2	237210.5	0.0530 mg/L	0.0530 mg/L	16:39:58
2	Ca 315.886†	5412503.9	5914721.1	34.02 mg/L	34.02 mg/L	16:39:58
2	Cd 228.802†	13736.7	14871.2	0.3041 mg/L	0.3041 mg/L	16:40:24
2	Co 228.616†	21838.7	24082.8	0.5402 mg/L	0.5402 mg/L	16:40:24
2	Cr 267.716†	561781.5	610879.3	3.615 mg/L	3.615 mg/L	16:40:04
2	Cu 324.752†	19811977.5	21659995.3	93.82 mg/L	93.82 mg/L	16:39:49
2	Fe 234.349†	5344537.7	5842121.2	113.2 mg/L	113.2 mg/L	16:39:58
2	Fe 238.204†	12528473.0	13697564.7	107.3 mg/L	107.3 mg/L	16:39:40
2	Mg 279.077†	479029.3	523436.2	20.99 mg/L	20.99 mg/L	16:40:04
2	Mn 257.610†	1821659.9	1990515.5	2.494 mg/L	2.494 mg/L	16:39:58
2	Mo 202.031†	8288.8	9030.8	0.5880 mg/L	0.5880 mg/L	16:40:24
2	Ni 231.604†	122187.2	133284.5	2.411 mg/L	2.411 mg/L	16:40:04
2	P 214.914†	43704.8	47675.9	30.60 mg/L	30.60 mg/L	16:40:04
2	Pb 220.353†	231680.4	253454.3	24.68 mg/L	24.68 mg/L	16:40:04
2	Sb 206.836†	1101.1	1162.9	0.5205 mg/L	0.5205 mg/L	16:40:24
2	Se 196.026†	824.8	906.7	0.9710 mg/L	0.9710 mg/L	16:40:24
2	Sn 189.927†	25506.6	27643.8	6.128 mg/L	6.128 mg/L	16:40:24
2	Sr 407.771†	8496663.3	9287336.5	0.3880 mg/L	0.3880 mg/L	16:39:40
2	Ti 337.279†	2104825.5	2303636.4	2.664 mg/L	2.664 mg/L	16:39:58
2	Tl 190.801†	696.8	782.1	0.5693 mg/L	0.5693 mg/L	16:40:24
2	V 292.402†	2661751.2	2911676.7	13.33 mg/L	13.33 mg/L	16:39:58
2	Zn 213.857†	784739.5	857235.0	9.115 mg/L	9.115 mg/L	16:40:04

Mean Data: BH60210-PDS2

Analyte	Mean Corrected Intensity	Conc. Units	Calib	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3370458.6	0.919 mg/L		0.0061			0.67%
Ag 328.068†	631401.7	2.364 mg/L		0.0014	2.364 mg/L	0.0014	0.06%
Al 237.313†	377355.3	47.89 mg/L		0.047	47.89 mg/L	0.047	0.10%
As 188.979†	493.8	0.6259 mg/L		0.00068	0.6259 mg/L	0.00068	0.11%
B 182.528†	243.9	0.5275 mg/L		0.00694	0.5275 mg/L	0.00694	1.32%
Ba 233.527†	179632.2	1.663 mg/L		0.0025	1.663 mg/L	0.0025	0.15%

Element	Concentration	Unit	Std. Dev.	Unit	Recovery (%)
Be 313.107†	237638.6	0.0531 mg/L	0.00014	0.0531 mg/L	0.00014 0.26%
Ca 315.886†	5928025.4	34.09 mg/L	0.108	34.09 mg/L	0.108 0.32%
Cd 228.802†	14815.5	0.3029 mg/L	0.00162	0.3029 mg/L	0.00162 0.53%
Co 228.616†	24041.3	0.5393 mg/L	0.00134	0.5393 mg/L	0.00134 0.25%
Cr 267.716†	611668.4	3.620 mg/L	0.0066	3.620 mg/L	0.0066 0.18%
Cu 324.752†	21571384.8	93.43 mg/L	0.543	93.43 mg/L	0.543 0.58%
Fe 234.349†	5851923.5	113.4 mg/L	0.27	113.4 mg/L	0.27 0.24%
Fe 238.204†	13641802.4	106.9 mg/L	0.62	106.9 mg/L	0.62 0.58%
K 766.490†	67621.8	31.99 mg/L	0.094	31.99 mg/L	0.094 0.29%
Li 670.784†	45473.2	0.5802 mg/L	0.00129	0.5802 mg/L	0.00129 0.22%
Mg 279.077†	524426.7	21.03 mg/L	0.056	21.03 mg/L	0.056 0.27%
Mn 257.610†	1993567.3	2.498 mg/L	0.0054	2.498 mg/L	0.0054 0.22%
Mo 202.031†	9011.3	0.5868 mg/L	0.00180	0.5868 mg/L	0.00180 0.31%
Na 589.592	180646.0	29.02 mg/L	0.143	29.02 mg/L	0.143 0.49%
Ni 231.604†	133509.6	2.415 mg/L	0.0058	2.415 mg/L	0.0058 0.24%
P 214.914†	47787.8	30.67 mg/L	0.101	30.67 mg/L	0.101 0.33%
Pb 220.353†	254024.4	24.74 mg/L	0.079	24.74 mg/L	0.079 0.32%
Sb 206.836†	1168.2	0.5229 mg/L	0.00347	0.5229 mg/L	0.00347 0.66%
Se 196.026†	907.1	0.9715 mg/L	0.00069	0.9715 mg/L	0.00069 0.07%
Sn 189.927†	27563.9	6.110 mg/L	0.0250	6.110 mg/L	0.0250 0.41%
Sr 407.771†	9243645.0	0.3862 mg/L	0.00258	0.3862 mg/L	0.00258 0.67%
Ti 337.279†	2305180.7	2.666 mg/L	0.0025	2.666 mg/L	0.0025 0.09%
Tl 190.801†	781.2	0.5687 mg/L	0.00092	0.5687 mg/L	0.00092 0.16%
V 292.402†	2915124.7	13.34 mg/L	0.022	13.34 mg/L	0.022 0.17%
Zn 213.857†	858499.2	9.129 mg/L	0.0190	9.129 mg/L	0.0190 0.21%

Matrix Recovery Check: BH60210-PDS2

Analyte	Expected Conc.	Measured Conc.	Std. Dev.	Units	Recovery (%)
K 766.490	30.91	31.99	0.094	mg/L	104.3
Li 670.784	0.5727	0.5802	0.001	mg/L	101.5
Na 589.592	31.66	29.02	0.143	mg/L	89.4
Ag 328.068	2.315	2.364	0.001	mg/L	119.8
Al 237.313	48.02	47.89	0.047	mg/L	94.7
As 188.979	0.6536	0.6259	0.001	mg/L	94.4
B 182.528	0.5474	0.5275	0.007	mg/L	96.0
Ba 233.527	1.688	1.663	0.003	mg/L	94.9
Be 313.107	0.0553	0.0531	0.000	mg/L	95.6
Ca 315.886	34.27	34.09	0.108	mg/L	96.5
Cd 228.802	0.3172	0.3029	0.002	mg/L	94.3
Co 228.616	0.5569	0.5393	0.001	mg/L	96.5
Cr 267.716	3.603	3.620	0.007	mg/L	103.5
Cu 324.752	95.69	93.43	0.543	mg/L	-352.0
Fe 234.349	114.4	113.4	0.269	mg/L	60.9
Fe 238.204	108.2	106.9	0.618	mg/L	47.5
Mg 279.077	21.63	21.03	0.056	mg/L	88.1
Mn 257.610	2.532	2.498	0.005	mg/L	93.2
Mo 202.031	0.5998	0.5868	0.002	mg/L	97.4
Ni 231.604	2.459	2.415	0.006	mg/L	91.2
P 214.914	31.64	30.67	0.101	mg/L	80.5
Pb 220.353	25.03	24.74	0.079	mg/L	42.2
Sb 206.836	0.5665	0.5229	0.003	mg/L	91.3
Se 196.026	1.033	0.9715	0.001	mg/L	93.9
Sn 189.927	6.129	6.110	0.025	mg/L	96.4
Sr 407.771	0.3932	0.3862	0.003	mg/L	85.9
Ti 337.279	2.727	2.666	0.003	mg/L	87.8
Tl 190.801	0.5574	0.5687	0.001	mg/L	102.3
V 292.402	13.39	13.34	0.022	mg/L	89.8
Zn 213.857	9.077	9.129	0.019	mg/L	110.3

Sequence No.: 57

Sample ID: CCV

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 3

Date Collected: 8/3/2006 4:42:04 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: CCV

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
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1	K 766.490†	52653.8	56533.9	26.84 mg/L	26.84 mg/L	16:43:39
1	Li 670.784†	38913.7	41875.0	0.5346 mg/L	0.5346 mg/L	16:43:39
1	Na 589.592	149074.8	146487.4	23.54 mg/L	23.54 mg/L	16:43:39
1	Y 371.029	3422789.5	3422789.5	0.933 mg/L		16:43:54
1	Ag 328.068†	61901.3	68843.9	0.2577 mg/L	0.2577 mg/L	16:43:59
1	Al 237.313†	18307.6	19821.7	2.544 mg/L	2.544 mg/L	16:43:59
1	As 188.979†	373.4	392.5	0.5126 mg/L	0.5126 mg/L	16:44:20
1	B 182.528†	220.7	242.7	0.5249 mg/L	0.5249 mg/L	16:44:20
1	Ba 233.527†	51137.9	54888.3	0.5117 mg/L	0.5117 mg/L	16:43:59
1	Be 313.107†	204925.1	221726.1	0.0508 mg/L	0.0508 mg/L	16:43:59
1	Ca 315.886†	831407.1	887709.5	5.110 mg/L	5.110 mg/L	16:43:54
1	Cd 228.802†	11652.2	12337.8	0.2533 mg/L	0.2533 mg/L	16:44:20
1	Co 228.616†	20963.9	22669.1	0.5131 mg/L	0.5131 mg/L	16:43:59
1	Cr 267.716†	83506.6	86121.9	0.5098 mg/L	0.5098 mg/L	16:43:59
1	Cu 324.752†	115554.9	121807.8	0.5273 mg/L	0.5273 mg/L	16:43:59
1	Fe 234.349†	125265.8	132743.5	2.571 mg/L	2.571 mg/L	16:43:59
1	Fe 238.204†	306395.6	327511.5	2.569 mg/L	2.569 mg/L	16:43:59
1	Mg 279.077†	119296.9	127510.2	5.123 mg/L	5.123 mg/L	16:43:59
1	Mn 257.610†	390134.2	416805.3	0.5209 mg/L	0.5209 mg/L	16:43:59
1	Mo 202.031†	7259.1	7746.7	0.5045 mg/L	0.5045 mg/L	16:44:20
1	Ni 231.604†	26918.2	28532.2	0.5161 mg/L	0.5161 mg/L	16:43:59
1	P 214.914†	7348.1	7763.9	5.016 mg/L	5.016 mg/L	16:44:20
1	Pb 220.353†	4827.7	5312.7	0.5195 mg/L	0.5195 mg/L	16:44:20
1	Sb 206.836†	1053.0	1087.3	0.4989 mg/L	0.4989 mg/L	16:44:20
1	Se 196.026†	887.8	956.2	1.024 mg/L	1.024 mg/L	16:44:20
1	Sn 189.927†	2307.9	2228.5	0.4939 mg/L	0.4939 mg/L	16:44:20
1	Sr 407.771†	1154473.9	1234356.1	0.0515 mg/L	0.0515 mg/L	16:43:54
1	Ti 337.279†	406428.4	437779.1	0.5071 mg/L	0.5071 mg/L	16:43:54
1	Tl 190.801†	711.3	782.4	0.5927 mg/L	0.5927 mg/L	16:44:20
1	V 292.402†	102398.0	111098.7	0.5178 mg/L	0.5178 mg/L	16:43:59
1	Zn 213.857†	46265.6	48793.6	0.5176 mg/L	0.5176 mg/L	16:43:59
2	K 766.490†	52627.8	56651.4	26.89 mg/L	26.89 mg/L	16:43:45
2	Li 670.784†	38940.6	42011.4	0.5363 mg/L	0.5363 mg/L	16:43:45
2	Na 589.592	149295.7	146708.3	23.57 mg/L	23.57 mg/L	16:43:45
2	Y 371.029	3413988.7	3413988.7	0.931 mg/L		16:44:26
2	Ag 328.068†	61593.1	68683.8	0.2571 mg/L	0.2571 mg/L	16:44:31
2	Al 237.313†	18115.7	19666.1	2.524 mg/L	2.524 mg/L	16:44:31
2	As 188.979†	373.3	393.4	0.5137 mg/L	0.5137 mg/L	16:44:52
2	B 182.528†	220.3	242.8	0.5252 mg/L	0.5252 mg/L	16:44:52
2	Ba 233.527†	50759.8	54623.3	0.5092 mg/L	0.5092 mg/L	16:44:31
2	Be 313.107†	203609.6	220878.9	0.0506 mg/L	0.0506 mg/L	16:44:31
2	Ca 315.886†	828797.1	887202.1	5.107 mg/L	5.107 mg/L	16:44:26
2	Cd 228.802†	11616.6	12331.8	0.2531 mg/L	0.2531 mg/L	16:44:52
2	Co 228.616†	20752.2	22499.6	0.5093 mg/L	0.5093 mg/L	16:44:31
2	Cr 267.716†	82988.0	85795.5	0.5079 mg/L	0.5079 mg/L	16:44:31
2	Cu 324.752†	114527.3	121023.1	0.5239 mg/L	0.5239 mg/L	16:44:31
2	Fe 234.349†	124349.3	132104.9	2.559 mg/L	2.559 mg/L	16:44:31
2	Fe 238.204†	303868.7	325643.2	2.554 mg/L	2.554 mg/L	16:44:31
2	Mg 279.077†	118359.0	126832.1	5.096 mg/L	5.096 mg/L	16:44:31
2	Mn 257.610†	387371.5	414914.9	0.5185 mg/L	0.5185 mg/L	16:44:31
2	Mo 202.031†	7254.5	7761.8	0.5055 mg/L	0.5055 mg/L	16:44:52
2	Ni 231.604†	26680.9	28351.7	0.5128 mg/L	0.5128 mg/L	16:44:31
2	P 214.914†	7314.7	7748.3	5.006 mg/L	5.006 mg/L	16:44:52
2	Pb 220.353†	4795.9	5292.0	0.5175 mg/L	0.5175 mg/L	16:44:52
2	Sb 206.836†	1049.4	1086.3	0.4985 mg/L	0.4985 mg/L	16:44:52
2	Se 196.026†	886.8	957.7	1.025 mg/L	1.025 mg/L	16:44:52
2	Sn 189.927†	2288.6	2214.1	0.4907 mg/L	0.4907 mg/L	16:44:52
2	Sr 407.771†	1151672.2	1234535.1	0.0515 mg/L	0.0515 mg/L	16:44:26
2	Ti 337.279†	405491.8	437895.6	0.5073 mg/L	0.5073 mg/L	16:44:26
2	Tl 190.801†	712.4	785.6	0.5950 mg/L	0.5950 mg/L	16:44:52
2	V 292.402†	101830.6	110771.9	0.5163 mg/L	0.5163 mg/L	16:44:31
2	Zn 213.857†	45788.5	48408.9	0.5135 mg/L	0.5135 mg/L	16:44:31

 Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3418389.1	0.932 mg/L	0.0017			0.18%
Ag 328.068†	68763.8	0.2574 mg/L	0.00042	0.2574 mg/L	0.00042	0.16%
QC value within limits for Ag 328.068 Recovery = 102.94%						
Al 237.313†	19743.9	2.534 mg/L	0.0141	2.534 mg/L	0.0141	0.56%
QC value within limits for Al 237.313 Recovery = 101.34%						

As 188.979†	392.9	0.5132 mg/L	0.00082	0.5132 mg/L	0.00082	0.16%
QC value within limits for As 188.979 Recovery = 102.63%						
B 182.528†	242.8	0.5251 mg/L	0.00026	0.5251 mg/L	0.00026	0.05%
QC value within limits for B 182.528 Recovery = 105.01%						
Ba 233.527†	54755.8	0.5105 mg/L	0.00174	0.5105 mg/L	0.00174	0.34%
QC value within limits for Ba 233.527 Recovery = 102.09%						
Be 313.107†	221302.5	0.0507 mg/L	0.00014	0.0507 mg/L	0.00014	0.27%
QC value within limits for Be 313.107 Recovery = 101.33%						
Ca 315.886†	887455.8	5.109 mg/L	0.0021	5.109 mg/L	0.0021	0.04%
QC value within limits for Ca 315.886 Recovery = 102.18%						
Cd 228.802†	12334.8	0.2532 mg/L	0.00011	0.2532 mg/L	0.00011	0.04%
QC value within limits for Cd 228.802 Recovery = 101.29%						
Co 228.616†	22584.3	0.5112 mg/L	0.00272	0.5112 mg/L	0.00272	0.53%
QC value within limits for Co 228.616 Recovery = 102.24%						
Cr 267.716†	85958.7	0.5089 mg/L	0.00136	0.5089 mg/L	0.00136	0.27%
QC value within limits for Cr 267.716 Recovery = 101.78%						
Cu 324.752†	121415.5	0.5256 mg/L	0.00240	0.5256 mg/L	0.00240	0.46%
QC value within limits for Cu 324.752 Recovery = 105.12%						
Fe 234.349†	132424.2	2.565 mg/L	0.0087	2.565 mg/L	0.0087	0.34%
QC value within limits for Fe 234.349 Recovery = 102.60%						
Fe 238.204†	326577.4	2.561 mg/L	0.0103	2.561 mg/L	0.0103	0.40%
QC value within limits for Fe 238.204 Recovery = 102.46%						
K 766.490†	56592.6	26.86 mg/L	0.039	26.86 mg/L	0.039	0.14%
QC value within limits for K 766.490 Recovery = 107.46%						
Li 670.784†	41943.2	0.5355 mg/L	0.00122	0.5355 mg/L	0.00122	0.23%
QC value within limits for Li 670.784 Recovery = 107.09%						
Mg 279.077†	127171.1	5.110 mg/L	0.0193	5.110 mg/L	0.0193	0.38%
QC value within limits for Mg 279.077 Recovery = 102.20%						
Mn 257.610†	415860.1	0.5197 mg/L	0.00167	0.5197 mg/L	0.00167	0.32%
QC value within limits for Mn 257.610 Recovery = 103.94%						
Mo 202.031†	7754.3	0.5050 mg/L	0.00070	0.5050 mg/L	0.00070	0.14%
QC value within limits for Mo 202.031 Recovery = 101.00%						
Na 589.592	146597.9	23.56 mg/L	0.025	23.56 mg/L	0.025	0.11%
QC value within limits for Na 589.592 Recovery = 94.22%						
Ni 231.604†	28441.9	0.5144 mg/L	0.00231	0.5144 mg/L	0.00231	0.45%
QC value within limits for Ni 231.604 Recovery = 102.89%						
P 214.914†	7756.1	5.011 mg/L	0.0071	5.011 mg/L	0.0071	0.14%
QC value within limits for P 214.914 Recovery = 100.22%						
Pb 220.353†	5302.4	0.5185 mg/L	0.00143	0.5185 mg/L	0.00143	0.28%
QC value within limits for Pb 220.353 Recovery = 103.70%						
Sb 206.836†	1086.8	0.4987 mg/L	0.00031	0.4987 mg/L	0.00031	0.06%
QC value within limits for Sb 206.836 Recovery = 99.73%						
Se 196.026†	956.9	1.024 mg/L	0.0011	1.024 mg/L	0.0011	0.11%
QC value within limits for Se 196.026 Recovery = 102.45%						
Sn 189.927†	2221.3	0.4923 mg/L	0.00225	0.4923 mg/L	0.00225	0.46%
QC value within limits for Sn 189.927 Recovery = 98.46%						
Sr 407.771†	1234445.6	0.0515 mg/L	0.00001	0.0515 mg/L	0.00001	0.01%
QC value within limits for Sr 407.771 Recovery = 102.94%						
Ti 337.279†	437837.3	0.5072 mg/L	0.00010	0.5072 mg/L	0.00010	0.02%
QC value within limits for Ti 337.279 Recovery = 101.44%						
Tl 190.801†	784.0	0.5939 mg/L	0.00164	0.5939 mg/L	0.00164	0.28%
QC value greater than the upper limit for Tl 190.801 Recovery = 118.77%						
V 292.402†	110935.3	0.5170 mg/L	0.00104	0.5170 mg/L	0.00104	0.20%
QC value within limits for V 292.402 Recovery = 103.41%						
Zn 213.857†	48601.2	0.5155 mg/L	0.00288	0.5155 mg/L	0.00288	0.56%
QC value within limits for Zn 213.857 Recovery = 103.11%						
QC Failed. Continue with analysis.						

Sequence No.: 58
 Sample ID: ICCB
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 1
 Date Collected: 8/3/2006 4:46:30 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

Replicate Data: ICCB

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	281.9	413.1	0.7628 mg/L	0.7628 mg/L	16:48:03
1	Li 670.784†	-144.1	22.3	0.0048 mg/L	0.0048 mg/L	16:48:03
1	Na 589.592	7463.6	4876.2	0.8258 mg/L	0.8258 mg/L	16:48:03

1	Y 371.029	3431472.3	3431472.3	0.936 mg/L			
1	Ag 328.068†	-1598.1	804.2	0.0033 mg/L	0.0033 mg/L		16:48:16
1	Al 237.313†	-164.0	28.6	0.0161 mg/L	0.0161 mg/L		16:48:22
1	As 188.979†	8.8	1.7	0.0039 mg/L	0.0039 mg/L		16:48:42
1	B 182.528†	0.6	6.8	0.0192 mg/L	0.0192 mg/L		16:48:42
1	Ba 233.527†	-75.7	9.6	0.0014 mg/L	0.0014 mg/L		16:48:42
1	Be 313.107†	-2122.3	-133.7	0.0002 mg/L	0.0002 mg/L		16:48:22
1	Ca 315.886†	3744.2	801.7	0.0217 mg/L	0.0217 mg/L		16:48:22
1	Cd 228.802†	157.2	19.8	0.0010 mg/L	0.0010 mg/L		16:48:42
1	Co 228.616†	-183.3	9.0	0.0002 mg/L	0.0002 mg/L		16:48:42
1	Cr 267.716†	3269.3	133.3	0.0017 mg/L	0.0017 mg/L		16:48:22
1	Cu 324.752†	4180.5	2451.2	0.0097 mg/L	0.0097 mg/L		16:48:22
1	Fe 234.349†	1714.3	344.9	0.0108 mg/L	0.0108 mg/L		16:48:42
1	Fe 238.204†	1396.1	679.9	0.0083 mg/L	0.0083 mg/L		16:48:42
1	Mg 279.077†	376.3	77.5	0.0041 mg/L	0.0041 mg/L		16:48:22
1	Mn 257.610†	982.9	-199.8	-0.0015 mg/L	-0.0015 mg/L		16:48:22
1	Mo 202.031†	71.6	44.6	0.0035 mg/L	0.0035 mg/L		16:48:42
1	Ni 231.604†	339.5	50.5	0.0003 mg/L	0.0003 mg/L		16:48:42
1	P 214.914†	102.0	-1.0	0.0384 mg/L	0.0384 mg/L		16:48:42
1	Pb 220.353†	-29.3	108.2	0.0108 mg/L	0.0108 mg/L		16:48:42
1	Sb 206.836†	38.4	-0.0	0.0001 mg/L	0.0001 mg/L		16:48:42
1	Se 196.026†	-1.6	3.2	0.0091 mg/L	0.0091 mg/L		16:48:42
1	Sn 189.927†	126.1	-109.8	-0.0245 mg/L	-0.0245 mg/L		16:48:42
1	Sr 407.771†	2941.0	401.5	-0.0001 mg/L	-0.0001 mg/L		16:48:16
1	Ti 337.279†	-2095.5	23.3	0.0011 mg/L	0.0011 mg/L		16:48:22
1	Tl 190.801†	-4.7	15.2	0.0270 mg/L	0.0270 mg/L		16:48:42
1	V 292.402†	-1243.6	42.9	0.0020 mg/L	0.0020 mg/L		16:48:22
1	Zn 213.857†	1021.0	308.1	0.0047 mg/L	0.0047 mg/L		16:48:42
2	K 766.490†	228.2	354.2	0.7354 mg/L	0.7354 mg/L		16:48:08
2	Li 670.784†	-92.3	78.3	0.0055 mg/L	0.0055 mg/L		16:48:08
2	Na 589.592	7398.4	4811.1	0.8154 mg/L	0.8154 mg/L		16:48:08
2	Y 371.029	3452661.5	3452661.5	0.941 mg/L			16:48:48
2	Ag 328.068†	-1653.9	755.4	0.0031 mg/L	0.0031 mg/L		16:48:53
2	Al 237.313†	-215.6	-25.2	0.0092 mg/L	0.0092 mg/L		16:49:13
2	As 188.979†	11.9	5.0	0.0082 mg/L	0.0082 mg/L		16:49:13
2	B 182.528†	-3.4	2.6	0.0102 mg/L	0.0102 mg/L		16:49:13
2	Ba 233.527†	-83.9	1.4	0.0013 mg/L	0.0013 mg/L		16:49:13
2	Be 313.107†	-1965.5	46.8	0.0002 mg/L	0.0002 mg/L		16:48:53
2	Ca 315.886†	3016.8	4.4	0.0171 mg/L	0.0171 mg/L		16:48:53
2	Cd 228.802†	157.6	19.1	0.0010 mg/L	0.0010 mg/L		16:49:13
2	Co 228.616†	-176.2	17.7	0.0004 mg/L	0.0004 mg/L		16:49:13
2	Cr 267.716†	3215.5	54.7	0.0012 mg/L	0.0012 mg/L		16:48:53
2	Cu 324.752†	4142.7	2383.7	0.0094 mg/L	0.0094 mg/L		16:48:53
2	Fe 234.349†	1739.0	359.9	0.0111 mg/L	0.0111 mg/L		16:49:13
2	Fe 238.204†	1387.3	661.4	0.0081 mg/L	0.0081 mg/L		16:49:13
2	Mg 279.077†	404.5	105.0	0.0052 mg/L	0.0052 mg/L		16:48:53
2	Mn 257.610†	720.4	-485.1	-0.0019 mg/L	-0.0019 mg/L		16:48:53
2	Mo 202.031†	44.9	15.7	0.0016 mg/L	0.0016 mg/L		16:49:13
2	Ni 231.604†	322.7	30.4	0.0000 mg/L	0.0000 mg/L		16:49:13
2	P 214.914†	105.1	1.6	0.0401 mg/L	0.0401 mg/L		16:49:13
2	Pb 220.353†	-27.4	110.5	0.0110 mg/L	0.0110 mg/L		16:49:13
2	Sb 206.836†	45.8	7.6	0.0037 mg/L	0.0037 mg/L		16:49:13
2	Se 196.026†	-9.7	-5.5	-0.0001 mg/L	-0.0001 mg/L		16:49:13
2	Sn 189.927†	138.2	-97.8	-0.0218 mg/L	-0.0218 mg/L		16:49:13
2	Sr 407.771†	2861.9	298.2	-0.0001 mg/L	-0.0001 mg/L		16:48:48
2	Ti 337.279†	-2205.4	-79.7	0.0009 mg/L	0.0009 mg/L		16:48:53
2	Tl 190.801†	-7.2	12.6	0.0251 mg/L	0.0251 mg/L		16:49:13
2	V 292.402†	-1291.7	0.0	0.0018 mg/L	0.0018 mg/L		16:48:53
2	Zn 213.857†	1020.5	300.9	0.0047 mg/L	0.0047 mg/L		16:49:13

Mean Data: ICCB

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3442066.9	0.938 mg/L	0.0041			
Ag 328.068†	779.8	0.0032 mg/L	0.00013	0.0032 mg/L	0.00013	4.02%
QC value greater than the upper limit for Ag 328.068 Recovery = Not calculated						
Al 237.313†	1.7	0.0127 mg/L	0.00488	0.0127 mg/L	0.00488	38.46%
QC value within limits for Al 237.313 Recovery = Not calculated						
As 188.979†	3.4	0.0061 mg/L	0.00303	0.0061 mg/L	0.00303	49.82%
QC value within limits for As 188.979 Recovery = Not calculated						
B 182.528†	4.7	0.0147 mg/L	0.00632	0.0147 mg/L	0.00632	42.97%

QC value within limits for B 182.528 Recovery = Not calculated							
Ba	233.527†	5.5	0.0014 mg/L	0.00005	0.0014 mg/L	0.00005	3.93%
QC value within limits for Ba 233.527 Recovery = Not calculated							
Be	313.107†	-43.5	0.0002 mg/L	0.00003	0.0002 mg/L	0.00003	13.90%
QC value within limits for Be 313.107 Recovery = Not calculated							
Ca	315.886†	403.0	0.0194 mg/L	0.00323	0.0194 mg/L	0.00323	16.64%
QC value within limits for Ca 315.886 Recovery = Not calculated							
Cd	228.802†	19.4	0.0010 mg/L	0.00003	0.0010 mg/L	0.00003	2.62%
QC value within limits for Cd 228.802 Recovery = Not calculated							
Co	228.616†	13.3	0.0003 mg/L	0.00014	0.0003 mg/L	0.00014	49.84%
QC value within limits for Co 228.616 Recovery = Not calculated							
Cr	267.716†	94.0	0.0015 mg/L	0.00033	0.0015 mg/L	0.00033	22.61%
QC value within limits for Cr 267.716 Recovery = Not calculated							
Cu	324.752†	2417.5	0.0096 mg/L	0.00021	0.0096 mg/L	0.00021	2.16%
QC value greater than the upper limit for Cu 324.752 Recovery = Not calculated							
Fe	234.349†	352.4	0.0110 mg/L	0.00021	0.0110 mg/L	0.00021	1.90%
QC value within limits for Fe 234.349 Recovery = Not calculated							
Fe	238.204†	670.6	0.0082 mg/L	0.00010	0.0082 mg/L	0.00010	1.26%
QC value within limits for Fe 238.204 Recovery = Not calculated							
K	766.490†	383.6	0.7491 mg/L	0.01936	0.7491 mg/L	0.01936	2.58%
QC value greater than the upper limit for K 766.490 Recovery = Not calculated							
Li	670.784†	50.3	0.0052 mg/L	0.00050	0.0052 mg/L	0.00050	9.69%
QC value within limits for Li 670.784 Recovery = Not calculated							
Mg	279.077†	91.2	0.0046 mg/L	0.00078	0.0046 mg/L	0.00078	16.87%
QC value within limits for Mg 279.077 Recovery = Not calculated							
Mn	257.610†	-342.4	-0.0017 mg/L	0.00025	-0.0017 mg/L	0.00025	14.88%
QC value within limits for Mn 257.610 Recovery = Not calculated							
Mo	202.031†	30.2	0.0026 mg/L	0.00133	0.0026 mg/L	0.00133	51.94%
QC value within limits for Mo 202.031 Recovery = Not calculated							
Na	589.592	4843.6	0.8206 mg/L	0.00738	0.8206 mg/L	0.00738	0.90%
QC value within limits for Na 589.592 Recovery = Not calculated							
Ni	231.604†	40.4	0.0002 mg/L	0.00026	0.0002 mg/L	0.00026	168.81%
QC value within limits for Ni 231.604 Recovery = Not calculated							
P	214.914†	0.3	0.0393 mg/L	0.00117	0.0393 mg/L	0.00117	2.99%
QC value within limits for P 214.914 Recovery = Not calculated							
Pb	220.353†	109.3	0.0109 mg/L	0.00015	0.0109 mg/L	0.00015	1.37%
QC value greater than the upper limit for Pb 220.353 Recovery = Not calculated							
Sb	206.836†	3.8	0.0019 mg/L	0.00254	0.0019 mg/L	0.00254	136.30%
QC value within limits for Sb 206.836 Recovery = Not calculated							
Se	196.026†	-1.1	0.0045 mg/L	0.00650	0.0045 mg/L	0.00650	144.13%
QC value within limits for Se 196.026 Recovery = Not calculated							
Sn	189.927†	-103.8	-0.0232 mg/L	0.00189	-0.0232 mg/L	0.00189	8.14%
QC value less than the lower limit for Sn 189.927 Recovery = Not calculated							
Sr	407.771†	349.8	-0.0001 mg/L	0.00000	-0.0001 mg/L	0.00000	2.80%
QC value within limits for Sr 407.771 Recovery = Not calculated							
Ti	337.279†	-28.2	0.0010 mg/L	0.00008	0.0010 mg/L	0.00008	8.41%
QC value within limits for Ti 337.279 Recovery = Not calculated							
Tl	190.801†	13.9	0.0261 mg/L	0.00136	0.0261 mg/L	0.00136	5.24%
QC value within limits for Tl 190.801 Recovery = Not calculated							
V	292.402†	21.5	0.0019 mg/L	0.00016	0.0019 mg/L	0.00016	8.58%
QC value within limits for V 292.402 Recovery = Not calculated							
Zn	213.857†	304.5	0.0047 mg/L	0.00005	0.0047 mg/L	0.00005	1.11%
QC value within limits for Zn 213.857 Recovery = Not calculated							
QC Failed. Continue with analysis.							

Sequence No.: 59
 Sample ID: ICSA
 Analyst:
 Initial Sample Wt:
 Dilution:

Autosampler Location: 160
 Date Collected: 8/3/2006 4:50:51 PM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:

 Replicate Data: ICSA

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	371.3	545.5	0.8243 mg/L	0.8243 mg/L	16:52:26
1	Li 670.784†	-90.0	71.1	0.0054 mg/L	0.0054 mg/L	16:52:26
1	Na 589.592	8360.8	5773.4	0.9697 mg/L	0.9697 mg/L	16:52:26
1	Y 371.029	3140095.6	3140095.6	0.856 mg/L		16:52:52
1	Ag 328.068†	-2609.3	-535.3	0.0022 mg/L	0.0022 mg/L	16:52:58
1	Al 237.313†	1779348.3	2078552.0	266.0 mg/L	266.0 mg/L	16:52:52

1	As 188.979†	-9.6	-18.9	-0.0230 mg/L	-0.0230 mg/L	16:53:18
1	B 182.528†	6.2	13.4	0.0335 mg/L	0.0335 mg/L	16:53:18
1	Ba 233.527†	220.6	348.1	0.0046 mg/L	0.0046 mg/L	16:53:18
1	Be 313.107†	-4453.2	-3066.8	0.0001 mg/L	0.0001 mg/L	16:52:58
1	Ca 315.886†	38004474.4	44387506.5	254.6 mg/L	254.6 mg/L	16:52:45
1	Cd 228.802†	127.7	0.9	0.0014 mg/L	0.0014 mg/L	16:53:18
1	Co 228.616†	-159.4	18.7	0.0004 mg/L	0.0004 mg/L	16:53:18
1	Cr 267.716†	2192.9	-799.7	0.0019 mg/L	0.0019 mg/L	16:53:18
1	Cu 324.752†	1828.8	119.0	0.0170 mg/L	0.0170 mg/L	16:52:58
1	Fe 234.349†	4263933.0	4978952.4	96.50 mg/L	96.50 mg/L	16:52:52
1	Fe 238.204†	10005121.3	11685559.2	91.53 mg/L	91.53 mg/L	16:52:45
1	Mg 279.077†	5223823.8	6101305.0	244.9 mg/L	244.9 mg/L	16:52:52
1	Mn 257.610†	4668.2	4202.3	0.0040 mg/L	0.0040 mg/L	16:52:58
1	Mo 202.031†	243.5	252.5	0.0170 mg/L	0.0170 mg/L	16:53:18
1	Ni 231.604†	463.3	228.7	0.0036 mg/L	0.0036 mg/L	16:53:18
1	P 214.914†	-61.5	-181.9	-0.0775 mg/L	-0.0775 mg/L	16:53:18
1	Pb 220.353†	-578.8	-536.5	-0.0036 mg/L	-0.0036 mg/L	16:53:18
1	Sb 206.836†	23.2	-14.0	-0.0064 mg/L	-0.0064 mg/L	16:53:18
1	Se 196.026†	22.3	30.9	0.0386 mg/L	0.0386 mg/L	16:53:18
1	Sn 189.927†	329.6	140.3	0.0347 mg/L	0.0347 mg/L	16:53:18
1	Sr 407.771†	20063.3	20692.6	0.0007 mg/L	0.0007 mg/L	16:52:58
1	Ti 337.279†	2349.7	5007.6	0.0068 mg/L	0.0068 mg/L	16:52:58
1	Tl 190.801†	104.2	142.0	0.1201 mg/L	0.1201 mg/L	16:53:18
1	V 292.402†	1474.7	3094.6	0.0037 mg/L	0.0037 mg/L	16:53:18
1	Zn 213.857†	2893.8	2596.9	0.0204 mg/L	0.0204 mg/L	16:53:18
2	K 766.490†	406.5	585.3	0.8428 mg/L	0.8428 mg/L	16:52:31
2	Li 670.784†	-115.3	42.0	0.0051 mg/L	0.0051 mg/L	16:52:31
2	Na 589.592	8484.5	5897.1	0.9896 mg/L	0.9896 mg/L	16:52:31
2	Y 371.029	3148334.0	3148334.0	0.858 mg/L		16:53:36
2	Ag 328.068†	-2479.1	-375.7	0.0028 mg/L	0.0028 mg/L	16:53:42
2	Al 237.313†	1785194.1	2079923.8	266.2 mg/L	266.2 mg/L	16:53:36
2	As 188.979†	2.2	-5.1	-0.0050 mg/L	-0.0050 mg/L	16:54:02
2	B 182.528†	3.7	10.5	0.0272 mg/L	0.0272 mg/L	16:54:02
2	Ba 233.527†	225.5	353.2	0.0046 mg/L	0.0046 mg/L	16:54:02
2	Be 313.107†	-4261.0	-2829.2	0.0001 mg/L	0.0001 mg/L	16:53:42
2	Ca 315.886†	38119071.5	44404850.7	254.7 mg/L	254.7 mg/L	16:53:29
2	Cd 228.802†	125.8	-1.7	0.0013 mg/L	0.0013 mg/L	16:54:02
2	Co 228.616†	-146.2	34.6	0.0008 mg/L	0.0008 mg/L	16:54:02
2	Cr 267.716†	2205.9	-791.3	0.0020 mg/L	0.0020 mg/L	16:54:02
2	Cu 324.752†	1828.4	113.0	0.0170 mg/L	0.0170 mg/L	16:53:42
2	Fe 234.349†	4277192.5	4981366.9	96.54 mg/L	96.54 mg/L	16:53:36
2	Fe 238.204†	10037327.4	11692498.4	91.58 mg/L	91.58 mg/L	16:53:29
2	Mg 279.077†	5240455.4	6104714.1	245.0 mg/L	245.0 mg/L	16:53:36
2	Mn 257.610†	4618.9	4130.6	0.0039 mg/L	0.0039 mg/L	16:53:42
2	Mo 202.031†	276.6	290.3	0.0195 mg/L	0.0195 mg/L	16:54:02
2	Ni 231.604†	441.3	201.7	0.0031 mg/L	0.0031 mg/L	16:54:02
2	P 214.914†	-91.2	-216.3	-0.0996 mg/L	-0.0996 mg/L	16:54:02
2	Pb 220.353†	-573.5	-528.5	-0.0028 mg/L	-0.0028 mg/L	16:54:02
2	Sb 206.836†	31.0	-4.9	-0.0021 mg/L	-0.0021 mg/L	16:54:02
2	Se 196.026†	15.5	23.0	0.0302 mg/L	0.0302 mg/L	16:54:02
2	Sn 189.927†	336.4	147.3	0.0363 mg/L	0.0363 mg/L	16:54:02
2	Sr 407.771†	20231.0	20826.8	0.0007 mg/L	0.0007 mg/L	16:53:42
2	Ti 337.279†	2239.1	4871.6	0.0067 mg/L	0.0067 mg/L	16:53:42
2	Tl 190.801†	125.2	166.1	0.1377 mg/L	0.1377 mg/L	16:54:02
2	V 292.402†	1511.5	3133.1	0.0039 mg/L	0.0039 mg/L	16:54:02
2	Zn 213.857†	2911.1	2608.2	0.0205 mg/L	0.0205 mg/L	16:54:02

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3144214.8	0.857 mg/L	0.0016			0.19%
Ag 328.068†	-455.5	0.0025 mg/L	0.00042	0.0025 mg/L	0.00042	17.04%
QC value within limits for Ag 328.068 Recovery = Not calculated						
Al 237.313†	2079237.9	266.1 mg/L	0.12	266.1 mg/L	0.12	0.05%
QC value within limits for Al 237.313 Recovery = 106.42%						
As 188.979†	-12.0	-0.0140 mg/L	0.01270	-0.0140 mg/L	0.01270	90.84%
QC value within limits for As 188.979 Recovery = Not calculated						
B 182.528†	12.0	0.0304 mg/L	0.00442	0.0304 mg/L	0.00442	14.57%
QC value within limits for B 182.528 Recovery = Not calculated						
Ba 233.527†	350.7	0.0046 mg/L	0.00003	0.0046 mg/L	0.00003	0.74%
QC value within limits for Ba 233.527 Recovery = Not calculated						

Be 313.107†	-2948.0	0.0001 mg/L	0.00004	0.0001 mg/L	0.00004	33.45%
QC value within limits for Be 313.107 Recovery = Not calculated						
Ca 315.886†	44396178.6	254.6 mg/L	0.07	254.6 mg/L	0.07	0.03%
QC value within limits for Ca 315.886 Recovery = 101.84%						
Cd 228.802†	-0.4	0.0014 mg/L	0.00011	0.0014 mg/L	0.00011	8.01%
QC value within limits for Cd 228.802 Recovery = Not calculated						
Co 228.616†	26.6	0.0006 mg/L	0.00026	0.0006 mg/L	0.00026	44.80%
QC value within limits for Co 228.616 Recovery = Not calculated						
Cr 267.716†	-795.5	0.0020 mg/L	0.00004	0.0020 mg/L	0.00004	1.87%
QC value within limits for Cr 267.716 Recovery = Not calculated						
Cu 324.752†	116.0	0.0170 mg/L	0.00001	0.0170 mg/L	0.00001	0.08%
QC value greater than the upper limit for Cu 324.752 Recovery = Not calculated						
Fe 234.349†	4980159.7	96.52 mg/L	0.033	96.52 mg/L	0.033	0.03%
QC value within limits for Fe 234.349 Recovery = 96.52%						
Fe 238.204†	11689028.8	91.56 mg/L	0.038	91.56 mg/L	0.038	0.04%
QC value within limits for Fe 238.204 Recovery = 91.56%						
K 766.490†	565.4	0.8336 mg/L	0.01308	0.8336 mg/L	0.01308	1.57%
QC value within limits for K 766.490 Recovery = Not calculated						
Li 670.784†	56.6	0.0053 mg/L	0.00026	0.0053 mg/L	0.00026	4.97%
QC value within limits for Li 670.784 Recovery = Not calculated						
Mg 279.077†	6103009.6	244.9 mg/L	0.10	244.9 mg/L	0.10	0.04%
QC value within limits for Mg 279.077 Recovery = 97.97%						
Mn 257.610†	4166.4	0.0040 mg/L	0.00006	0.0040 mg/L	0.00006	1.61%
QC value within limits for Mn 257.610 Recovery = Not calculated						
Mo 202.031†	271.4	0.0182 mg/L	0.00174	0.0182 mg/L	0.00174	9.53%
QC value within limits for Mo 202.031 Recovery = Not calculated						
Na 589.592	5835.3	0.9796 mg/L	0.01402	0.9796 mg/L	0.01402	1.43%
QC value within limits for Na 589.592 Recovery = Not calculated						
Ni 231.604†	215.2	0.0033 mg/L	0.00034	0.0033 mg/L	0.00034	10.37%
QC value within limits for Ni 231.604 Recovery = Not calculated						
P 214.914†	-199.1	-0.0886 mg/L	0.01559	-0.0886 mg/L	0.01559	17.60%
QC value within limits for P 214.914 Recovery = Not calculated						
Pb 220.353†	-532.5	-0.0032 mg/L	0.00058	-0.0032 mg/L	0.00058	18.14%
QC value within limits for Pb 220.353 Recovery = Not calculated						
Sb 206.836†	-9.4	-0.0043 mg/L	0.00301	-0.0043 mg/L	0.00301	70.64%
QC value within limits for Sb 206.836 Recovery = Not calculated						
Se 196.026†	26.9	0.0344 mg/L	0.00597	0.0344 mg/L	0.00597	17.36%
QC value within limits for Se 196.026 Recovery = Not calculated						
Sn 189.927†	143.8	0.0355 mg/L	0.00110	0.0355 mg/L	0.00110	3.09%
QC value within limits for Sn 189.927 Recovery = Not calculated						
Sr 407.771†	20759.7	0.0007 mg/L	0.00000	0.0007 mg/L	0.00000	0.53%
QC value within limits for Sr 407.771 Recovery = Not calculated						
Ti 337.279†	4939.6	0.0067 mg/L	0.00011	0.0067 mg/L	0.00011	1.65%
QC value within limits for Ti 337.279 Recovery = Not calculated						
Tl 190.801†	154.0	0.1289 mg/L	0.01249	0.1289 mg/L	0.01249	9.69%
QC value greater than the upper limit for Tl 190.801 Recovery = Not calculated						
V 292.402†	3113.9	0.0038 mg/L	0.00015	0.0038 mg/L	0.00015	3.98%
QC value within limits for V 292.402 Recovery = Not calculated						
Zn 213.857†	2602.5	0.0205 mg/L	0.00008	0.0205 mg/L	0.00008	0.41%
QC value within limits for Zn 213.857 Recovery = Not calculated						
QC Failed. Continue with analysis.						

Sequence No.: 60

Sample ID: ICSAB

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 159

Date Collected: 8/3/2006 4:55:41 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: ICSAB

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc. Units	Sample Conc. Units	Analysis Time
1	K 766.490†	391.4	571.3	0.8363 mg/L	0.8363 mg/L	16:57:15
1	Li 670.784†	-87.7	73.3	0.0055 mg/L	0.0055 mg/L	16:57:15
1	Na 589.592	8238.4	5651.0	0.9501 mg/L	0.9501 mg/L	16:57:15
1	Y 371.029	3123533.8	3123533.8	0.852 mg/L		16:57:43
1	Ag 328.068†	121903.6	145655.6	0.5477 mg/L	0.5477 mg/L	16:57:48
1	Al 237.313†	1774102.0	2083411.5	266.6 mg/L	266.6 mg/L	16:57:43
1	As 188.979†	-7.0	-15.8	-0.0193 mg/L	-0.0193 mg/L	16:58:09
1	B 182.528†	3.5	10.2	0.0266 mg/L	0.0266 mg/L	16:58:09
1	Ba 233.527†	23890.1	28143.0	0.2629 mg/L	0.2629 mg/L	16:58:09

1	Be 313.107†	977586.3	1150048.2	0.2647 mg/L	0.2647 mg/L	16:57:43
1	Ca 315.886†	37956144.9	44566127.7	255.6 mg/L	255.6 mg/L	16:57:35
1	Cd 228.802†	20454.9	23870.5	0.4920 mg/L	0.4920 mg/L	16:58:09
1	Co 228.616†	8741.4	10469.3	0.2374 mg/L	0.2374 mg/L	16:58:09
1	Cr 267.716†	38734.9	42122.6	0.2556 mg/L	0.2556 mg/L	16:57:48
1	Cu 324.752†	52233.3	59316.9	0.2734 mg/L	0.2734 mg/L	16:57:48
1	Fe 234.349†	4248751.0	4987532.8	96.66 mg/L	96.66 mg/L	16:57:43
1	Fe 238.204†	9996111.3	11736943.6	91.93 mg/L	91.93 mg/L	16:57:35
1	Mg 279.077†	5201775.7	6107767.9	245.1 mg/L	245.1 mg/L	16:57:43
1	Mn 257.610†	178673.4	208553.8	0.2600 mg/L	0.2600 mg/L	16:57:48
1	Mo 202.031†	235.7	244.9	0.0165 mg/L	0.0165 mg/L	16:58:09
1	Ni 231.604†	22683.4	26323.1	0.4757 mg/L	0.4757 mg/L	16:58:09
1	P 214.914†	-31.2	-146.7	-0.0550 mg/L	-0.0550 mg/L	16:58:09
1	Pb 220.353†	3735.0	4525.3	0.4900 mg/L	0.4900 mg/L	16:58:09
1	Sb 206.836†	50.2	17.9	0.0045 mg/L	0.0045 mg/L	16:58:09
1	Se 196.026†	25.9	35.4	0.0434 mg/L	0.0434 mg/L	16:58:09
1	Sn 189.927†	334.4	148.1	0.0365 mg/L	0.0365 mg/L	16:58:09
1	Sr 407.771†	20149.5	20918.1	0.0008 mg/L	0.0008 mg/L	16:57:48
1	Ti 337.279†	2141.8	4778.1	0.0066 mg/L	0.0066 mg/L	16:57:48
1	Tl 190.801†	117.7	158.5	0.1341 mg/L	0.1341 mg/L	16:58:09
1	V 292.402†	49471.4	59463.1	0.2616 mg/L	0.2616 mg/L	16:57:48
1	Zn 213.857†	43160.9	49897.8	0.5205 mg/L	0.5205 mg/L	16:57:48
2	K 766.490†	410.4	595.4	0.8475 mg/L	0.8475 mg/L	16:57:21
2	Li 670.784†	-107.3	49.8	0.0052 mg/L	0.0052 mg/L	16:57:21
2	Na 589.592	8303.8	5716.4	0.9606 mg/L	0.9606 mg/L	16:57:21
2	Y 371.029	3112361.8	3112361.8	0.849 mg/L	0.849 mg/L	16:58:28
2	Ag 328.068†	121311.5	145471.6	0.5470 mg/L	0.5470 mg/L	16:58:33
2	Al 237.313†	1770844.4	2087050.4	267.1 mg/L	267.1 mg/L	16:58:28
2	As 188.979†	3.2	-3.9	-0.0037 mg/L	-0.0037 mg/L	16:58:54
2	B 182.528†	3.4	10.2	0.0265 mg/L	0.0265 mg/L	16:58:54
2	Ba 233.527†	14625.8	17326.2	0.1623 mg/L	0.1623 mg/L	16:58:54
2	Be 313.107†	975804.5	1152068.8	0.2651 mg/L	0.2651 mg/L	16:58:28
2	Ca 315.886†	38012838.5	44792922.0	256.9 mg/L	256.9 mg/L	16:58:20
2	Cd 228.802†	12517.8	14603.2	0.3014 mg/L	0.3014 mg/L	16:58:54
2	Co 228.616†	5320.3	6474.5	0.1468 mg/L	0.1468 mg/L	16:58:54
2	Cr 267.716†	38529.3	42043.6	0.2551 mg/L	0.2551 mg/L	16:58:33
2	Cu 324.752†	52065.8	59339.6	0.2735 mg/L	0.2735 mg/L	16:58:33
2	Fe 234.349†	4237802.4	4992538.9	96.76 mg/L	96.76 mg/L	16:58:28
2	Fe 238.204†	10015047.3	11801391.9	92.44 mg/L	92.44 mg/L	16:58:20
2	Mg 279.077†	5180513.2	6104636.5	245.0 mg/L	245.0 mg/L	16:58:28
2	Mn 257.610†	178071.9	208598.0	0.2601 mg/L	0.2601 mg/L	16:58:33
2	Mo 202.031†	182.9	183.6	0.0125 mg/L	0.0125 mg/L	16:58:54
2	Ni 231.604†	14052.1	16247.3	0.2934 mg/L	0.2934 mg/L	16:58:54
2	P 214.914†	24.7	-80.9	-0.0128 mg/L	-0.0128 mg/L	16:58:54
2	Pb 220.353†	2272.1	2817.1	0.3235 mg/L	0.3235 mg/L	16:58:54
2	Sb 206.836†	39.5	5.5	-0.0013 mg/L	-0.0013 mg/L	16:58:54
2	Se 196.026†	5.7	11.6	0.0180 mg/L	0.0180 mg/L	16:58:54
2	Sn 189.927†	236.5	34.0	0.0112 mg/L	0.0112 mg/L	16:58:54
2	Sr 407.771†	20273.1	21148.8	0.0008 mg/L	0.0008 mg/L	16:58:33
2	Ti 337.279†	2182.8	4835.5	0.0066 mg/L	0.0066 mg/L	16:58:33
2	Tl 190.801†	80.6	115.2	0.1029 mg/L	0.1029 mg/L	16:58:54
2	V 292.402†	49077.8	59207.8	0.2604 mg/L	0.2604 mg/L	16:58:33
2	Zn 213.857†	42906.4	49779.7	0.5205 mg/L	0.5205 mg/L	16:58:33

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3117947.8	0.850 mg/L	0.0022			0.25%
Ag 328.068†	145563.6	0.5474 mg/L	0.00048	0.5474 mg/L	0.00048	0.09%
QC value within limits for Ag 328.068 Recovery = 109.48%						
Al 237.313†	2085231.0	266.8 mg/L	0.33	266.8 mg/L	0.33	0.12%
QC value within limits for Al 237.313 Recovery = 106.73%						
As 188.979†	-9.8	-0.0115 mg/L	0.01101	-0.0115 mg/L	0.01101	95.51%
QC value within limits for As 188.979 Recovery = Not calculated						
B 182.528†	10.2	0.0265 mg/L	0.00009	0.0265 mg/L	0.00009	0.33%
QC value within limits for B 182.528 Recovery = Not calculated						
Ba 233.527†	22734.6	0.2126 mg/L	0.07113	0.2126 mg/L	0.07113	33.46%
QC value within limits for Ba 233.527 Recovery = 85.03%						
Be 313.107†	1151058.5	0.2649 mg/L	0.00033	0.2649 mg/L	0.00033	0.12%
QC value within limits for Be 313.107 Recovery = 105.96%						
Ca 315.886†	44679524.8	256.2 mg/L	0.92	256.2 mg/L	0.92	0.36%

QC value within limits for Ca 315.886	Recovery = 102.49%				
Cd 228.802†	19236.9	0.3967 mg/L	0.13475	0.3967 mg/L	0.13475 33.97%
QC value less than the lower limit for Cd 228.802					
Co 228.616†	8471.9	0.1921 mg/L	0.06406	0.1921 mg/L	0.06406 33.35%
QC value less than the lower limit for Co 228.616					
Cr 267.716†	42083.1	0.2554 mg/L	0.00033	0.2554 mg/L	0.00033 0.13%
QC value within limits for Cr 267.716					
Cu 324.752†	59328.3	0.2734 mg/L	0.00008	0.2734 mg/L	0.00008 0.03%
QC value within limits for Cu 324.752					
Fe 234.349†	4990035.8	96.71 mg/L	0.070	96.71 mg/L	0.070 0.07%
QC value within limits for Fe 234.349					
Fe 238.204†	11769167.7	92.18 mg/L	0.357	92.18 mg/L	0.357 0.39%
QC value within limits for Fe 238.204					
K 766.490†	583.4	0.8419 mg/L	0.00791	0.8419 mg/L	0.00791 0.94%
QC value within limits for K 766.490					
Li 670.784†	61.5	0.0053 mg/L	0.00021	0.0053 mg/L	0.00021 3.95%
QC value within limits for Li 670.784					
Mg 279.077†	6106202.2	245.1 mg/L	0.09	245.1 mg/L	0.09 0.04%
QC value within limits for Mg 279.077					
Mn 257.610†	208575.9	0.2600 mg/L	0.00004	0.2600 mg/L	0.00004 0.02%
QC value within limits for Mn 257.610					
Mo 202.031†	214.2	0.0145 mg/L	0.00282	0.0145 mg/L	0.00282 19.38%
QC value within limits for Mo 202.031					
Na 589.592	5683.7	0.9553 mg/L	0.00742	0.9553 mg/L	0.00742 0.78%
QC value within limits for Na 589.592					
Ni 231.604†	21285.2	0.3845 mg/L	0.12891	0.3845 mg/L	0.12891 33.52%
QC value less than the lower limit for Ni 231.604					
P 214.914†	-113.8	-0.0339 mg/L	0.02983	-0.0339 mg/L	0.02983 88.00%
QC value within limits for P 214.914					
Pb 220.353†	3671.2	0.4067 mg/L	0.11768	0.4067 mg/L	0.11768 28.93%
QC value within limits for Pb 220.353					
Sb 206.836†	11.7	0.0016 mg/L	0.00410	0.0016 mg/L	0.00410 258.45%
QC value within limits for Sb 206.836					
Se 196.026†	23.5	0.0307 mg/L	0.01791	0.0307 mg/L	0.01791 58.36%
QC value greater than the upper limit for Se 196.026					
Sn 189.927†	91.1	0.0238 mg/L	0.01785	0.0238 mg/L	0.01785 74.90%
QC value within limits for Sn 189.927					
Sr 407.771†	21033.4	0.0008 mg/L	0.00001	0.0008 mg/L	0.00001 0.90%
QC value within limits for Sr 407.771					
Ti 337.279†	4806.8	0.0066 mg/L	0.00005	0.0066 mg/L	0.00005 0.71%
QC value within limits for Ti 337.279					
Tl 190.801†	136.9	0.1185 mg/L	0.02205	0.1185 mg/L	0.02205 18.61%
QC value greater than the upper limit for Tl 190.801					
V 292.402†	59335.5	0.2610 mg/L	0.00088	0.2610 mg/L	0.00088 0.34%
QC value within limits for V 292.402					
Zn 213.857†	49838.7	0.5205 mg/L	0.00000	0.5205 mg/L	0.00000 0.00%
QC value within limits for Zn 213.857					

QC Failed. Continue with analysis.

Sequence No.: 61

Sample ID: WASH

Analyst:

Initial Sample Wt:

Dilution:

Autosampler Location: 0

Date Collected: 8/3/2006 5:00:32 PM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Replicate Data: WASH

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	K 766.490†	204.2	329.6	0.7240	mg/L	0.7240	mg/L	17:01:59
1	Li 670.784†	-148.3	18.1	0.0048	mg/L	0.0048	mg/L	17:01:59
1	Na 589.592	7428.9	4841.5	0.8203	mg/L	0.8203	mg/L	17:01:59
1	Y 371.029	3438025.4	3438025.4	0.937	mg/L			17:01:59
1	Ag 328.068†	-1522.5	888.2	0.0036	mg/L	0.0036	mg/L	17:02:13
1	Al 237.313†	-69.3	129.9	0.0290	mg/L	0.0290	mg/L	17:02:18
1	As 188.979†	3.6	-3.8	-0.0033	mg/L	-0.0033	mg/L	17:02:38
1	B 182.528†	-4.9	0.9	0.0067	mg/L	0.0067	mg/L	17:02:38
1	Ba 233.527†	-56.0	30.8	0.0016	mg/L	0.0016	mg/L	17:02:38
1	Be 313.107†	-2056.7	-59.4	0.0002	mg/L	0.0002	mg/L	17:02:38
1	Ca 315.886†	9789.7	7243.5	0.0587	mg/L	0.0587	mg/L	17:02:18
1	Cd 228.802†	165.8	28.6	0.0012	mg/L	0.0012	mg/L	17:02:38

1	Co 228.616†	-159.2	35.0	0.0008	mg/L	0.0008	mg/L	17:02:38
1	Cr 267.716†	3365.7	229.4	0.0023	mg/L	0.0023	mg/L	17:02:18
1	Cu 324.752†	6192.8	4589.5	0.0190	mg/L	0.0190	mg/L	17:02:18
1	Fe 234.349†	3371.3	2109.1	0.0450	mg/L	0.0450	mg/L	17:02:18
1	Fe 238.204†	5528.6	5085.7	0.0428	mg/L	0.0428	mg/L	17:02:18
1	Mg 279.077†	1066.3	812.9	0.0336	mg/L	0.0336	mg/L	17:02:18
1	Mn 257.610†	1790.8	660.1	-0.0004	mg/L	-0.0004	mg/L	17:02:18
1	Mo 202.031†	50.4	21.9	0.0020	mg/L	0.0020	mg/L	17:02:38
1	Ni 231.604†	343.2	53.7	0.0004	mg/L	0.0004	mg/L	17:02:38
1	P 214.914†	109.5	6.8	0.0434	mg/L	0.0434	mg/L	17:02:38
1	Pb 220.353†	-40.6	96.2	0.0096	mg/L	0.0096	mg/L	17:02:38
1	Sb 206.836†	40.8	2.5	0.0012	mg/L	0.0012	mg/L	17:02:38
1	Se 196.026†	-12.6	-8.5	-0.0034	mg/L	-0.0034	mg/L	17:02:38
1	Sn 189.927†	129.7	-106.2	-0.0237	mg/L	-0.0237	mg/L	17:02:38
1	Sr 407.771†	7471.3	5228.5	0.0001	mg/L	0.0001	mg/L	17:02:13
1	Ti 337.279†	-1867.9	270.4	0.0013	mg/L	0.0013	mg/L	17:02:18
1	Tl 190.801†	-14.1	5.2	0.0197	mg/L	0.0197	mg/L	17:02:38
1	V 292.402†	-929.9	380.2	0.0035	mg/L	0.0035	mg/L	17:02:18
1	Zn 213.857†	1036.9	323.0	0.0049	mg/L	0.0049	mg/L	17:02:38
2	K 766.490†	187.9	310.4	0.7151	mg/L	0.7151	mg/L	17:02:05
2	Li 670.784†	-125.1	44.1	0.0051	mg/L	0.0051	mg/L	17:02:05
2	Na 589.592	7581.3	4993.9	0.8447	mg/L	0.8447	mg/L	17:02:05
2	Y 371.029	3469636.6	3469636.6	0.946	mg/L	0.946	mg/L	17:02:44
2	Ag 328.068†	-1597.1	824.1	0.0034	mg/L	0.0034	mg/L	17:02:50
2	Al 237.313†	-88.6	110.2	0.0264	mg/L	0.0264	mg/L	17:03:10
2	As 188.979†	9.1	2.0	0.0043	mg/L	0.0043	mg/L	17:03:10
2	B 182.528†	-2.9	3.1	0.0113	mg/L	0.0113	mg/L	17:03:10
2	Ba 233.527†	-46.5	41.3	0.0017	mg/L	0.0017	mg/L	17:03:10
2	Be 313.107†	-1984.9	36.5	0.0002	mg/L	0.0002	mg/L	17:02:50
2	Ca 315.886†	9347.7	6681.1	0.0554	mg/L	0.0554	mg/L	17:02:50
2	Cd 228.802†	146.9	7.0	0.0007	mg/L	0.0007	mg/L	17:03:10
2	Co 228.616†	-166.7	28.6	0.0006	mg/L	0.0006	mg/L	17:03:10
2	Cr 267.716†	3357.7	188.3	0.0020	mg/L	0.0020	mg/L	17:02:50
2	Cu 324.752†	6277.9	4619.3	0.0191	mg/L	0.0191	mg/L	17:02:50
2	Fe 234.349†	3245.4	1943.3	0.0418	mg/L	0.0418	mg/L	17:02:50
2	Fe 238.204†	5298.9	4789.2	0.0404	mg/L	0.0404	mg/L	17:02:50
2	Mg 279.077†	919.2	647.0	0.0269	mg/L	0.0269	mg/L	17:02:50
2	Mn 257.610†	1825.2	679.1	-0.0004	mg/L	-0.0004	mg/L	17:02:50
2	Mo 202.031†	55.8	27.0	0.0024	mg/L	0.0024	mg/L	17:03:10
2	Ni 231.604†	357.2	65.1	0.0006	mg/L	0.0006	mg/L	17:03:10
2	P 214.914†	97.9	-6.5	0.0349	mg/L	0.0349	mg/L	17:03:10
2	Pb 220.353†	-50.6	86.1	0.0086	mg/L	0.0086	mg/L	17:03:10
2	Sb 206.836†	46.2	7.7	0.0037	mg/L	0.0037	mg/L	17:03:10
2	Se 196.026†	-4.9	-0.3	0.0054	mg/L	0.0054	mg/L	17:03:10
2	Sn 189.927†	132.1	-104.9	-0.0234	mg/L	-0.0234	mg/L	17:03:10
2	Sr 407.771†	7486.0	5171.4	0.0001	mg/L	0.0001	mg/L	17:02:44
2	Ti 337.279†	-1922.1	231.3	0.0013	mg/L	0.0013	mg/L	17:02:50
2	Tl 190.801†	-12.0	7.6	0.0215	mg/L	0.0215	mg/L	17:03:10
2	V 292.402†	-932.3	386.7	0.0035	mg/L	0.0035	mg/L	17:02:50
2	Zn 213.857†	1042.0	318.3	0.0049	mg/L	0.0049	mg/L	17:03:10

Mean Data: WASH

Analyte	Mean Corrected Intensity	Conc. Units	Calib	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	3453831.0	0.942	mg/L	0.0061			
Ag 328.068†	856.1	0.0035	mg/L	0.00017	0.0035	mg/L	0.00017 4.82%
Al 237.313†	120.0	0.0277	mg/L	0.00178	0.0277	mg/L	0.00178 6.42%
As 188.979†	-0.9	0.0005	mg/L	0.00532	0.0005	mg/L	0.00532 >999.9%
B 182.528†	2.0	0.0090	mg/L	0.00325	0.0090	mg/L	0.00325 36.11%
Ba 233.527†	36.0	0.0017	mg/L	0.00007	0.0017	mg/L	0.00007 4.17%
Be 313.107†	-11.4	0.0002	mg/L	0.00002	0.0002	mg/L	0.00002 7.12%
Ca 315.886†	6962.3	0.0571	mg/L	0.00228	0.0571	mg/L	0.00228 4.00%
Cd 228.802†	17.8	0.0010	mg/L	0.00034	0.0010	mg/L	0.00034 35.44%
Co 228.616†	31.8	0.0007	mg/L	0.00010	0.0007	mg/L	0.00010 14.59%
Cr 267.716†	208.9	0.0021	mg/L	0.00017	0.0021	mg/L	0.00017 8.07%
Cu 324.752†	4604.4	0.0190	mg/L	0.00009	0.0190	mg/L	0.00009 0.48%
Fe 234.349†	2026.2	0.0434	mg/L	0.00227	0.0434	mg/L	0.00227 5.24%
Fe 238.204†	4937.4	0.0416	mg/L	0.00164	0.0416	mg/L	0.00164 3.95%
K 766.490†	320.0	0.7196	mg/L	0.00630	0.7196	mg/L	0.00630 0.88%
Li 670.784†	31.1	0.0049	mg/L	0.00023	0.0049	mg/L	0.00023 4.71%
Mg 279.077†	729.9	0.0302	mg/L	0.00471	0.0302	mg/L	0.00471 15.56%

Mn 257.610†	669.6	-0.0004 mg/L	0.00002	-0.0004 mg/L	0.00002	3.90%
Mo 202.031†	24.4	0.0022 mg/L	0.00024	0.0022 mg/L	0.00024	10.85%
Na 589.592	4917.7	0.8325 mg/L	0.01729	0.8325 mg/L	0.01729	2.08%
Ni 231.604†	59.4	0.0005 mg/L	0.00015	0.0005 mg/L	0.00015	29.40%
P 214.914†	0.1	0.0391 mg/L	0.00603	0.0391 mg/L	0.00603	15.42%
Pb 220.353†	91.2	0.0091 mg/L	0.00070	0.0091 mg/L	0.00070	7.66%
Sb 206.836†	5.1	0.0025 mg/L	0.00174	0.0025 mg/L	0.00174	70.94%
Se 196.026†	-4.4	0.0010 mg/L	0.00618	0.0010 mg/L	0.00618	624.25%
Sn 189.927†	-105.6	-0.0236 mg/L	0.00020	-0.0236 mg/L	0.00020	0.85%
Sr 407.771†	5200.0	0.0001 mg/L	0.00000	0.0001 mg/L	0.00000	1.80%
Ti 337.279†	250.9	0.0013 mg/L	0.00003	0.0013 mg/L	0.00003	2.41%
Tl 190.801†	6.4	0.0206 mg/L	0.00121	0.0206 mg/L	0.00121	5.90%
V 292.402†	383.4	0.0035 mg/L	0.00003	0.0035 mg/L	0.00003	0.73%
Zn 213.857†	320.6	0.0049 mg/L	0.00004	0.0049 mg/L	0.00004	0.74%

Metals Logbooks

PREPARATION BATCH SUMMARY

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Batch: BH60210 Batch Matrix: Solid

Preparation: 3050B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
SS-SI 64 B1	0608042-01	080306nad-058	08/02/06 15:15	Report to MDL - Data Package
SS-SI 64 B1	0608042-01RE1	080306xbd-089	08/02/06 15:15	Report to MDL - Data Package
SS-SI 64 B1 Dup	0608042-02	080306nad-059	08/02/06 15:15	Report to MDL - Data Package
SS-SI 64 B1 Dup	0608042-02RE1	080306xbd-090	08/02/06 15:15	Report to MDL - Data Package
SS-SI 65 N	0608042-03	080306nad-060	08/02/06 15:15	Report to MDL - Data Package
SS-SI 65 N	0608042-03RE1	080306xbd-091	08/02/06 15:15	Report to MDL - Data Package
SS-SI 66 S	0608042-04	080306nad-061	08/02/06 15:15	Report to MDL - Data Package
SS-SI 66 S	0608042-04RE1	080306xbd-094	08/02/06 15:15	Report to MDL - Data Package
SS-SI 67 W	0608042-05	080306nad-062	08/02/06 15:15	Report to MDL - Data Package
SS-SI 67 W	0608042-05RE1	080306xbd-095	08/02/06 15:15	Report to MDL - Data Package
SS-SI 68 E	0608042-06	080306nad-063	08/02/06 15:15	Report to MDL - Data Package
SS-SI 68 E	0608042-06RE1	080306xbd-096	08/02/06 15:15	Report to MDL - Data Package
Blank	BH60210-BLK1	080206nad-056	08/02/06 11:30	
LCS	BH60210-BS1	080206nad-057	08/02/06 11:30	
LCS Dup	BH60210-BSD1	080206nad-058	08/02/06 11:30	
SS-SI 68 E	BH60210-DUP2	080306nad-064	08/02/06 15:15	
SS-SI 68 E	BH60210-DUP3	080306xbd-097	08/02/06 14:00	
SS-SI 68 E	BH60210-MS2	080306nad-067	08/02/06 15:15	
SS-SI 68 E	BH60210-MS3	080306xbd-098	08/02/06 14:00	[Spk] 1.75g->100ml; 10ml->10ml; Spiked 10ml
SS-SI 68 E	BH60210-PS1	080306nad-069	08/02/06 11:30	[Spk] 1.75g->100ml; 10ml->10ml; Spiked 10ml
SS-SI 68 E	BH60210-PS2	080306xbd-100	08/02/06 11:30	[Spk] 1.75g->100ml; 0.5ml->10ml; Spiked 10ml
Reference	BH60210-SRM1	080206nad-059	08/02/06 11:30	
Reference	BH60210-SRM2	080306nad-055	08/02/06 14:00	

METALS PREP LOGBOOK

ANALYST: KAG
 DATE: 8/12/04
 TIME: 11:30 (14:50) (15:15)
 Batch ID: BH60210

HNO₃ Reagent - AR#: 010606c
 1:1 HCl Reagent - WR#: 060721E
 1:1 HNO₃ Reagent - WR#: 060627f
 H₂O₂ Reagent - AR#: 060612A

Hot Plate Temp (°C)
 HB#3 98

Sample ID	matrix	pH	Initial wgt/vol	Final wgt/vol	QC ID/Lot #	QC wgt/vol	Method	Hot Plate Number	Comments
BH60210-01	S	~	~	100ml	~	~	3060	HB#3	
-02					6E04037	0.50ml			
-03					6E04037	0.50ml			
-04			1.00g		6E04037	~			
-05			1.79g		~				
			1.83g						
			1.81g						
			1.86g						
			1.83g						
			1.80g						
BH60210-0601	S	~	~	100ml	6E04037	0.50ml	3060	HB#3	
-02					~				
-03					~				
BH60210-5002	O	~	~	100ml	~		3060	HB#3	14:00
07431-01	S		1.00g						
07431-01	O	~	1.85g		~				14:00
07431-01	O	~	1.02g	100ml	~		3060	HB#3	14:00
108042-01	S	~	1.81g	100ml	~		3060	HB#3	15:15

MATRIX KEY: AQ = AQUEOUS, S = SOIL, O = OIL, F = FILTER, D = SLUDGE

ESS LABORATORY

METALS PREP LOGBOOK

ANALYST: JCS
 DATE: 8/2/05
 TIME: 15:15
 Batch ID: 1506070

HNO₃ Reagent - AR#: 0606X0
 1:1 HCl Reagent - WR#: 0607M0
 1:1 HNO₃ Reagent - WR#: 0608Y7
 H₂O₂ Reagent - AR#: 0606L2A

Hot Plate #3 Temp (°C) 98

Sample ID	matrix	pH	Initial wgt/vol	Final wgt/vol	QC ID/Lot #	QC wgt/vol	Method	Hot Plate Number	Comments	
080202-02	S		1.875	1.004	1	1	3050	100#3		
-03	}		1.785		1					
-04			1.805							
-05			1.865							
-06			1.765							
D160219-003			1.795							
-09	S		1.765	1.004	150057	0.507	3050	100#3		

MATRIX KEY: AQ = AQUEOUS, S = SOIL, O = OIL, F = FILTER, D = SLUDGE

ESS LABORATORY Percent Solids Logbook

UMP

Date/ Time	Lab ID	Pan WT. (g)	Wet WT. (g)	Dry WT. (g)	Percent Solid	Wet wt. Init.	Dry wt./1st Rvw Init.	2nd Rvw Init.
8/2/00	0608041-02	1.3	11.3	10.4	91	SAD	<i>UMP</i>	<i>MSP</i>
8/2/00	03	1.3	11.3	10.6	93	SAD	<i>UMP</i>	<i>MSP</i>
8/3/00	Blank BH60411	1.3	1.3	1.3	100	SAD	<i>UMP</i>	<i>MSP</i>
	0608021-01	1.3	11.3	11.0	97	✓		
	-02	1.3	11.3	10.9	96	✓		
	02 Dup	1.3	11.3	10.9	96	✓		
	-03	1.3	11.3	11.1	98	✓		
	-04	1.3	11.3	11.0	97	✓		
	-05	1.3	11.3	10.9	96	✓		
	0608021-06	1.3	11.3	6.1	48	✓		
	0608021-07	1.3	11.3	7.4	61	✓		
	0608021-08	1.3	11.3	5.4	41	✓		
	0608021-09	1.3	11.3	9.3	80	✓		
	0608021-10	1.3	11.3	9.6	83	✓		
	0608021-11	1.3	11.3	6.4	51	✓		
	0608045-01	*1.3	11.3	10.7	94	✓		
	0608058-01	1.3	11.3	10.3	90	✓		
	-02	1.3	11.3	9.9	86	✓		
	-03	1.3	11.3	8.8	75	✓		
	-04	1.3	6.3	3.9	52	✓		
	0608060-06	1.3	11.3	9.2	79	✓		
✓	0608061-01	1.3	11.3	10.9	96	✓	✓	✓
8/3/00	-02	1.3	11.3	10.7	94	✓	SAD	<i>UMP</i>

Criteria: Dup RPD ≤ 20%

Control #50.0006-0602A

Page _____

* SAD 8/3/00

(240)

UMP

HOLDING TIME SUMMARY

6010B

Laboratory: ESS Laboratory

SDG: 0608042

Client: MACTEC Engineering & Consulting, Inc.

Project: Providence Gorham Site

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
SS-SI 64 B1	08/02/06 11:15	08/02/06 15:10	08/02/06 15:15	0.17	180.00	08/03/06 15:42	1.19	180.00	
SS-SI 64 B1	08/02/06 11:15	08/02/06 15:10	08/02/06 15:15	0.17	180.00	08/03/06 19:21	1.34	180.00	
SS-SI 64 B1 Dup	08/02/06 11:15	08/02/06 15:10	08/02/06 15:15	0.17	180.00	08/03/06 15:47	1.19	180.00	
SS-SI 64 B1 Dup	08/02/06 11:15	08/02/06 15:10	08/02/06 15:15	0.17	180.00	08/03/06 19:25	1.34	180.00	
SS-SI 65 N	08/02/06 11:20	08/02/06 15:10	08/02/06 15:15	0.16	180.00	08/03/06 15:52	1.19	180.00	
SS-SI 65 N	08/02/06 11:20	08/02/06 15:10	08/02/06 15:15	0.16	180.00	08/03/06 19:29	1.34	180.00	
SS-SI 66 S	08/02/06 11:25	08/02/06 15:10	08/02/06 15:15	0.16	180.00	08/03/06 15:57	1.19	180.00	
SS-SI 66 S	08/02/06 11:25	08/02/06 15:10	08/02/06 15:15	0.16	180.00	08/03/06 19:42	1.35	180.00	
SS-SI 67 W	08/02/06 11:30	08/02/06 15:10	08/02/06 15:15	0.16	180.00	08/03/06 16:02	1.19	180.00	
SS-SI 67 W	08/02/06 11:30	08/02/06 15:10	08/02/06 15:15	0.16	180.00	08/03/06 19:46	1.34	180.00	
SS-SI 68 E	08/02/06 11:35	08/02/06 15:10	08/02/06 15:15	0.15	180.00	08/03/06 16:07	1.19	180.00	
SS-SI 68 E	08/02/06 11:35	08/02/06 15:10	08/02/06 15:15	0.15	180.00	08/03/06 19:50	1.34	180.00	

Sample and Cooler Receipt Checklist

Client: Mactec
 Client Project ID: _____
 Shipped/Delivered Via: Client

ESS Project ID: 06080042
 Date Project Due: 8/9/06
 Days For Project: 5 Day

Items to be checked upon receipt:

- | | | | |
|---|-------------------------------|---|---|
| 1. Air Bill Manifest Present? | <input type="checkbox"/> * No | 10. Are the samples properly preserved? | <input type="checkbox"/> Yes |
| Air No.: | | 11. Proper sample containers used? | <input type="checkbox"/> Yes |
| 2. Were Custody Seals Present? | <input type="checkbox"/> No | 12. Any air bubbles in the VOA vials? | <input type="checkbox"/> N/A |
| 3. Were Custody Seals Intact? | <input type="checkbox"/> N/A | 13. Holding times exceeded? | <input type="checkbox"/> No |
| 4. Is Radiation count < 100 CPM? | <input type="checkbox"/> Yes | 14. Sufficient sample volumes? | <input type="checkbox"/> Yes |
| 5. Is a cooler present? | <input type="checkbox"/> Yes | 15. Any Subcontracting needed? | <input type="checkbox"/> No |
| <u>Cooler Temp: 5.1</u> | | 16. Are ESS labels on correct containers? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <u>Iced With: Icepacks</u> | | 17. Were samples received intact? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. Was COC included with samples? | <input type="checkbox"/> Yes | ESS Sample IDs: _____ | |
| 7. Was COC signed and dated by client? | <input type="checkbox"/> Yes | Sub Lab: _____ | |
| 8. Does the COC match the sample | <input type="checkbox"/> Yes | Analysis: _____ | |
| 9. Is COC complete and correct? | <input type="checkbox"/> Yes | TAT: _____ | |
| 18. Was there need to call project manager to discuss status? If yes, please explain. | | | |

Who was called?: _____ By whom? _____

Sample Number	Properly Preserved	Container Type	# of Containers	Preservative
1	Yes	8 oz Soil Jar	1	NP
2	Yes	8 oz Soil Jar	1	NP
3	Yes	8 oz Soil Jar	1	NP
4	Yes	8 oz Soil Jar	1	NP
5	Yes	8 oz Soil Jar	1	NP
6	Yes	8 oz Soil Jar	1	NP

Completed By: [Signature]
 Reviewed By: [Signature]

Date/Time: 8/2/06
 Date/Time: 8/2/06

ESS Laboratory
 Division of Thielsch Engineering, Inc.
 185 Frances Avenue, Cranston, RI 02910-2211
 Tel. (401) 461-7181 Fax (401) 461-4486
 www.esslaboratory.com

CHAIN OF CUSTODY

Turn Time X Standard Other _____
 If faster than 5 days, prior approval by laboratory is required # _____
 State where samples were collected from:
 MA RI NH NJ NY ME Other _____
 Is this project for any of the following: USACE Other
 MA-MCP Navy

Reporting Limits _____
 Electronic Deliverable Yes No
 Format: Excel Access PDA Other _____
 ESS LAB PROJECT ID 0608042

Co. Name M ACTEL Project Name (20 Char. or less) CORIAN
 Contact Person CHRIS RICARDI Address _____ PO# _____
 City _____ State _____ Zip _____ Email Address _____
 Telephone # _____ Fax # _____

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	Write Required Analysis
1	8/2/06	11:15		X	S	SS-ST 64 B1	1	1 Jar	G	_____
2		11:15		X		SS-ST 64 B1 Dup				_____
3		11:20		X		SS-ST 65N				_____
4		11:25		X		SS-ST 66S				_____
5		11:30		X		SS-ST 67W				_____
6		11:35		X		SS-ST 68E				_____

Container Type: P-Poly G-Glass S-Sterile V-VOA Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters
 Cooler Present Yes No Internal Use Only
 Seals Intact Yes No NA: [] Pickup
 Cooler Temp: 5.1 [] Technicians _____
 Preservation Code: 1- NP, 2- HCl, 3- H₂SO₄, 4- HNO₃, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- _____
 Sampled by: DARON KURKIAN
 Comments: _____

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<u>[Signature]</u>	08/02/06 15:10	<u>[Signature]</u>	

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A
 Please fax all changes to Chain of Custody in writing.
 1 (White) Lab Copy 2 (Yellow) Client Receipt 10/26/04 A

ESS Laboratory

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 185 Frances Avenue, Cranston, RI 02910-2211
 Tel. (401) 461-7181 Fax (401) 461-4486
 www.esslaboratory.com

CHAIN OF CUSTODY

Turn Time: Standard Other
 If faster than 5 days, prior approval by laboratory is required # _____
 State where samples were collected from:
 MA RI CT NH NJ NY ME Other
 Is this project for any of the following: USACE Other
 MA-MCP Navy

Reporting Limits
 Electronic Deliverable: Yes No
 Format: Excel Access PDF Other
 ESS LAB PROJECT ID: 0608042

Co. Name: **M A C T E C**
 Project # **3650050041**
 Project Name (25 Char. or less): **GORMAN**
 Address: _____
 City: _____ State: _____ Zip: _____ PO#: _____
 Telephone #: _____ Fax #: _____ Email Address: _____

ESS LAB Sample#	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	Write Required Analysis
1	8/2/06	11:15	X	X	S	SS-ST 64 B1	1	1 Jar	G	<i>[Signature]</i>
2		11:15	X	X	S	SS-ST 64 B1 Dup				
3		11:20	X	X	S	SS - ST 65N				
4		11:25	X	X	S	SS-ST 66S				
5		11:30	X	X	S	SS-ST 67W				
6		11:35	X	X	S	SS-ST 68E				

Container Type: P-Poly G-Glass S-Sterile V-VOA Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters
 Cooler Present: Yes No Internal Use Only: Yes No
 Seals Intact: Yes No NA: [] Pickup
 Cooler Temp: 5.1
 Preservation Code: 1- NP, 2- HCl, 3- H₂SO₄, 4- HNO₃, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- _____
 Sampled by: **DARON KURKJIAN**
 Comments: _____

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	08/01/06 15:10	<i>[Signature]</i>	