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STL

STL St. Louis
13715 Rider Trail North
Earth City, MO 63045

Tel: 314 298 8566 Fax: 314 298 8757
www.stl-inc.com

ANALYTICAL REPORT

PROJECT NO. PHASE A WELLS

Henderson, NV Source Area Inv.

Lot #: F7E110199
SDG #: ENSR051107

Robert Kennedy

ENSR International Corporation
2 Technology Park Drive
Westford, MA 01886

SEVERN TRENT LABORATORIES, INC.

Jerry Everett
Project Manager

June 5, 2007

Case Narrative
SDG Number: **ENSR051107**

This report contains the analytical results for the 20 samples received under chain of custody by STL St. Louis on May 11, 2007. These samples are associated with your Henderson, NV Source Area Inv. project.

The analytical results included in this report meet all applicable quality control procedure requirements except as noted on the following pages.

The test results in this report meet all NELAP requirements for parameters in which accreditations are held by STL St. Louis. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

All chemical analysis results are based upon sample as received, wet weight, unless noted otherwise.

Observations/Nonconformances

I. Sample Receipt and Log In

Reference the chain of custody and condition upon receipt report for any variations on receipt conditions and temperature of samples on receipt.

II. Sample Analysis

Hexavalent Chromium by SW846 7199 was subcontracted to STL Los Angeles

ICP-MS Metals by SW846 6020

Batch: 7136320
The associated samples were analyzed at dilutions due to high concentrations of target analytes. The reporting limits have been adjusted for the dilution.
Affected Samples:
F7E110218 (1): M48-L
F7E110218 (2): M48-F
F7E110218 (3): M48-Z
F7E110218 (4): M5A-L
F7E110218 (5): M5A-F
F7E110218 (6): M5A-Z
F7E110218 (7): M39-L
F7E110218 (8): M39-LD
F7E110218 (9): M39-F
F7E110218 (10): M39-FD
F7E110218 (11): M39-Z
F7E110218 (12): M39-ZD
F7E110218 (13): M95-L
F7E110218 (14): M95-LD
F7E110218 (15): M95-F
F7E110218 (16): M95-FD
F7E110218 (17): M95-Z
F7E110218 (18): M95-ZD

Batch: 7136320
The MS and/or MSD recoveries for chromium, boron, calcium, sodium, and strontium (performed on sample M48-L) and sodium, strontium, chromium, and calcium (performed on sample M48-F) are outside the established QC limits. The analyte concentration in the original sample is greater than four times the amount spiked, making percent recovery information ineffective. Method performance is demonstrated by acceptable LCS recovery.

The MS/MSD recoveries for iron (performed on sample M48-L) and iron and magnesium (performed on sample M48-F) are outside the established QC limits. The RPD is within method acceptance criteria indicating a possible matrix interference. Method performance is demonstrated by acceptable LCS recovery. *The data reviewer should review the applicability of any QC qualifiers to the associated samples' matrices.*
Affected Samples:
F7E110218 (1): M48-L
F7E110218 (2): M48-F
F7E110218 (3): M48-Z
F7E110218 (4): M5A-L
F7E110218 (5): M5A-F
F7E110218 (6): M5A-Z
F7E110218 (7): M39-L
F7E110218 (8): M39-LD
F7E110218 (9): M39-F
F7E110218 (10): M39-FD
F7E110218 (11): M39-Z
F7E110218 (12): M39-ZD
F7E110218 (13): M95-L
F7E110218 (14): M95-LD
F7E110218 (15): M95-F
F7E110218 (16): M95-FD
F7E110218 (17): M95-Z
F7E110218 (18): M95-ZD
F7E110218 (19): EB051007-Z
F7E110218 (20): EB051007-F

Mercury by SW846 7470A

The MS recovery for Mercury (performed on sample M48-F) is outside the established QC limits. The RPD is within method acceptance criteria indicating a possible matrix interference. Method performance is demonstrated by acceptable LCS recovery. *The data reviewer should review the applicability of any QC qualifiers to the associated samples' matrices.*
Affected Samples:
F7E110218 (1): M48-L
F7E110218 (2): M48-F
F7E110218 (3): M48-Z
F7E110218 (11): M39-Z
F7E110218 (12): M39-ZD
F7E110218 (13): M95-L

Affected Samples (continued):

F7E110218 (4): M5A-L
F7E110218 (5): M5A-F
F7E110218 (6): M5A-Z
F7E110218 (7): M39-L
F7E110218 (8): M39-LD
F7E110218 (9): M39-F
F7E110218 (10): M39-FD
F7E110218 (14): M95-LD
F7E110218 (15): M95-F
F7E110218 (16): M95-FD
F7E110218 (17): M95-Z
F7E110218 (18): M95-ZD
F7E110218 (19): EB051007-Z
F7E110218 (20): EB051007-F

Hexavalent Chromium by SW846 7199

The associated samples were received in the laboratory with less than 50% of the holding time left. It is STL Los Angeles policy to analyze all samples within holding times, but when they are received with less than half of their hold time remaining, this cannot be guaranteed. Based on the COC sample times, the associated samples missed the 24 hour hold time.

Affected Samples:

F7E110199 (2): M48-F
F7E110199 (3): M48-Z
F7E110199 (4): M5A-L
F7E110199 (5): M5A-F
F7E110199 (6): M5A-Z
F7E110199 (8): M39-LD
F7E110199 (10): M39-FD
F7E110199 (11): M39-Z
F7E110199 (12): M39-ZD
F7E110199 (13): M95-L
F7E110199 (14): M95-LD
F7E110199 (15): M95-F
F7E110199 (16): M95-FD
F7E110199 (17): M95-Z
F7E110199 (18): M95-ZD
F7E110199 (19): EB051007-Z
F7E110199 (20): EB051007-F

F7E110199

CLIENT ANALYSIS SUMMARY

Storage Loc: SUB

Date Received: 2007-05-11

Project Manager: JAE Quote #: 75203 SDG:

Analytical Due Date: 2007-06-04

Project: PHASE A WELLS Henderson, NV Source Area Inv.

Report Due Date: 2007-06-07

PO#: Report to: Robert Kennedy

Report Type: D Expanded Deliverable

Client: 456833 ENSR International Corporation #SMPS in LOT: 20 EDD Code: EQUISTICS

Sample Receipt Notification Required - Robert Kennedy Client will ship sub-contracted samples direct to labs STL St. Louis will log in all the samples in St. Louis from COC's provided in the coolers. (Duplicate chains should be pink) RAW DATA PACKAGES REQUIRED PLEASE REPORT BY SDG STL LA - Hexavalent Chromium

STL Richland - RAD QC Requirements: ALL TESTS

Client will specify QC on COC. Do not report other client batch QC with ENSR results. If a batch does not have client specified QC pick a sample for QC, if insufficient

	SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
	1	M48-L			2007-05-10 / 1405	JWQ9W	WATER
	SAMPLE COMMENTS:						
	XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87 FILTRATION (DISS)	01 STANDARD TEST SET	PROT: A	WRK LOC 05
D	XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87 FILTRATION (DISS)	01 STANDARD TEST SET	PROT: A	WRK LOC 05
S	XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87 FILTRATION (DISS)	01 STANDARD TEST SET	PROT: A	WRK LOC 05
X	XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87 FILTRATION (DISS)	01 STANDARD TEST SET	PROT: A	WRK LOC 05

	SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
	2	M48-F			2007-05-10 / 1407	JWQ93	WATER
	SAMPLE COMMENTS:						
	XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87 FILTRATION (DISS)	01 STANDARD TEST SET	PROT: A	WRK LOC 05
S	XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87 FILTRATION (DISS)	01 STANDARD TEST SET	PROT: A	WRK LOC 05
X	XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87 FILTRATION (DISS)	01 STANDARD TEST SET	PROT: A	WRK LOC 05

	SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
	3	M48-Z			2007-05-10 / 1409	JWQ94	WATER
	SAMPLE COMMENTS:						
	XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87 FILTRATION (DISS)	01 STANDARD TEST SET	PROT: A	WRK LOC 05
S	XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87 FILTRATION (DISS)	01 STANDARD TEST SET	PROT: A	WRK LOC 05
X	XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87 FILTRATION (DISS)	01 STANDARD TEST SET	PROT: A	WRK LOC 05

	SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
	4	M5A-L			2007-05-10 / 1450	JWQ97	WATER
	SAMPLE COMMENTS:						
	XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87 FILTRATION (DISS)	01 STANDARD TEST SET	PROT: A	WRK LOC 05

	SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
	5	M5A-F			2007-05-10 / 1455	JWQ98	WATER
	SAMPLE COMMENTS:						
	XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87 FILTRATION (DISS)	01 STANDARD TEST SET	PROT: A	WRK LOC 05

	SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
	6	M5A-Z			2007-05-10 / 1457	JWRAA	WATER
	SAMPLE COMMENTS:						
	XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87 FILTRATION (DISS)	01 STANDARD TEST SET	PROT: A	WRK LOC 05

	SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
	7	M39-L			2007-05-10 / 1200	JWRAE	WATER
	SAMPLE COMMENTS:						
	XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87 FILTRATION (DISS)	01 STANDARD TEST SET	PROT: A	WRK LOC 05

F7E110199 CLIENT ANALYSIS SUMMARY

Storage Loc: SUB

Project Manager: JAE Quote #: 75203 SDG:

Project: PHASE A WELLS Henderson, NV Source Area Inv.

PO#: Report to: Robert Kennedy

Client: 456833 ENSR International Corporation #SMPS in LOT: 20

Date Received: 2007-05-11

Analytical Due Date: 2007-06-04

Report Due Date: 2007-06-07

Report Type: D Expanded Deliverable

EDD Code: EQUISTICS

Sample Receipt Notification Required - Robert Kennedy Client will ship sub-contracted samples direct to labs STL St. Louis will log in all the samples in St. Louis from COC's provided in the coolers. (Duplicate chains should be pink) RAW DATA PACKAGES REQUIRED PLEASE REPORT BY SDG STL LA - Hexavalent Chromium

STL Richland - RAD QC Requirements: ALL TESTS

Client will specify QC on COC. Do not report other client batch QC with ENSR results. If a batch does not have client specified QC pick a sample for QC, if insufficient

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
8	M39-LD			2007-05-10 / 0	JWRAG	WATER

SAMPLE COMMENTS:

XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87	FILTRATION (DISS)	01	STANDARD TEST SET	PROT: A	WRK LOC	05	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
9	M39-F			2007-05-10 / 1230	JWRAL	WATER

SAMPLE COMMENTS:

XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87	FILTRATION (DISS)	01	STANDARD TEST SET	PROT: A	WRK LOC	05	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
10	M39-FD			2007-05-10 / 0	JWRAR	WATER

SAMPLE COMMENTS:

XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87	FILTRATION (DISS)	01	STANDARD TEST SET	PROT: A	WRK LOC	05	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
11	M39-Z			2007-05-10 / 1240	JWRAX	WATER

SAMPLE COMMENTS:

XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87	FILTRATION (DISS)	01	STANDARD TEST SET	PROT: A	WRK LOC	05	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
12	M39-ZD			2007-05-10 / 0	JWRA0	WATER

SAMPLE COMMENTS:

XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87	FILTRATION (DISS)	01	STANDARD TEST SET	PROT: A	WRK LOC	05	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
13	M95-L			2007-05-10 / 1445	JWRA2	WATER

SAMPLE COMMENTS:

XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87	FILTRATION (DISS)	01	STANDARD TEST SET	PROT: A	WRK LOC	05	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
14	M95-LD			2007-05-10 / 0	JWRA4	WATER

SAMPLE COMMENTS:

XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87	FILTRATION (DISS)	01	STANDARD TEST SET	PROT: A	WRK LOC	05	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
15	M95-F			2007-05-10 / 1530	JWRA7	WATER

SAMPLE COMMENTS:

XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87	FILTRATION (DISS)	01	STANDARD TEST SET	PROT: A	WRK LOC	05	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
16	M95-FD			2007-05-10 / 0	JWRA8	WATER

SAMPLE COMMENTS:

XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87	FILTRATION (DISS)	01	STANDARD TEST SET	PROT: A	WRK LOC	05	

F7E110199

CLIENT ANALYSIS SUMMARY

Storage Loc: SUB

Project Manager: JAE
Quote #: 75203
SDG:
Date Received: 2007-05-11

Project: PHASE A WELLS
Henderson, NV Source Area Inv.
Analytical Due Date: 2007-06-04

PO#:
Report to: Robert Kennedy
Report Due Date: 2007-06-07

Client: 456833 ENSR International Corporation
#SMPS in LOT: 20
Report Type: D Expanded Deliverable
EDD Code: EQUISTICS

Sample Receipt Notification Required - Robert Kennedy Client will ship sub-contracted samples direct to labs STL St. Louis will log in all the samples in St. Louis from COC's provided in the coolers. (Duplicate chains should be pink) RAW DATA PACKAGES REQUIRED PLEASE REPORT BY SDG STL LA - Hexavalent Chromium
STL Richland - RAD QC Requirements: ALL TESTS
Client will specify QC on COC. Do not report other client batch QC with ENSR results. If a batch does not have client specified QC pick a sample for QC, if insufficient

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
17	M95-Z			2007-05-10 / 1545	JWRCA	WATER

SAMPLE COMMENTS:

XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87	FILTRATION (DISS)	01	STANDARD TEST SET	PROT: A	WRK LOC	05	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
18	M95-ZD			2007-05-10 / 0	JWRCD	WATER

SAMPLE COMMENTS:

XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87	FILTRATION (DISS)	01	STANDARD TEST SET	PROT: A	WRK LOC	05	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
19	EB051007-Z			2007-05-10 / 1600	JWRCE	WATER

SAMPLE COMMENTS:

XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87	FILTRATION (DISS)	01	STANDARD TEST SET	PROT: A	WRK LOC	05	

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
20	EB051007-F			2007-05-10 / 1615	JWRCH	WATER

SAMPLE COMMENTS:

XX 2X	SW846 7199	Chromium, Hexavalent by Ion Chromatography (7199)	87	FILTRATION (DISS)	01	STANDARD TEST SET	PROT: A	WRK LOC	05	

F7E110199

CLIENT COMMENTS SUMMARY

Storage Loc: SUB

Project Manager: JAE
Quote #: 75203
SDG:
Date Received: 2007-05-11

Project: PHASE A WELLS
Henderson, NV Source Area Inv.
Analytical Due Date: 2007-06-04

PO#:
Report to: Robert Kennedy
Report Due Date: 2007-06-07

Client: 456833 ENSR International Corporation
#SMPS in LOT: 20
Report Type: D Expanded Deliverable
EDD Code: EQUISTICS

Sample Receipt Notification Required - Robert Kennedy
Client will ship sub-contracted samples direct to labs
STL St. Louis will log in all the samples in St. Louis from
COC's provided in the coolers. (Duplicate chains should be
pink) RAW DATA PACKAGES REQUIRED PLEASE REPO
STL LA - Hexavalent Chromium
STL Richland - RAD

QC Requirements: ALL TESTS
Client will specify QC on COC. Do not report other client
batch QC with ENSR results. If a batch does not have
client specified QC pick a sample for QC, if insufficient
sample volume run LCS/LCSD.
RAW DATA PACKATGES REQUIRED - PLEASE REPORT B
Please try to maximize ENSR batches when possible.

WET CHEM QC:
Batching rules above apply: MS/MSDs should be logged in and
run as standard QC for all applicable wet chemistry TESTS
when cient specified QC is requested.

RAD QC:
Standard rad QC is acceptable - Duplicates should be logged
in for RAD tests when client specified QC is requested.
Sample volume issues/ QC failures - Client wishes to be
notified of major QC issues resulting in qualified data.
Client may wish to re-sample rather than report out of
hold data or other major QC failures that could be corrected
with additional sample volume. Please notified PM
immediately if this situation occurs.

Metals Serial Dilution forms %D's are to be manually
calculated for all positive results.
METALS ICP/MS Internal Standards forms - % recoveries mus
be manually generated.
METALS Mercury ICB/CCB forms are to be reviewed for
truncated errors (0.0) values. The correct values are to be
manually entered.

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705
phone 714-258-8610 fax 714-258-0921

Chain of Custody Record

Severn Trent Laboratories, Inc.

Client Contact	Project Manager: Robert Kennedy	Site Contact: Brian Ho	Date: 5-10-07	COC No: 051007-3
ENSR	Tel/Fax: (978) 589-3324	Lab Contact: ~~Melania Harris~~ Jerry Everett	Carrier: FED EX	1 of 2 COCs
2 Technology Park Dr.	Analysis Turnaround Time			Job No. 04020-023-401
Westford/MA/01886-3140	Calendar (C) or Work Days (W)			SDG No.
(978) 589-3324 Phone	TAT if different from Below 21 DAYS			
(978) 589-3282 FAX	☐ 2 weeks			
Project Name: Source Area Investigation	☐ 1 week			
Site: Henderson, NV	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	MS/MSD	Hexavalent Chromium (7199)	Sample Specific Notes:
M48-L	5/10/07	1405		W	1		X	
M48-F		1407		W	1	X	X	
M48-Z		1409		W	1		X	
M5A-L		1450		W	1		X	
M5A-F		1455		W	1	X	X	
M5A-Z		1457		W	1		X	
M39-L		1200		W	1		X	
M39-LD		—		W	1		X	
M39-F		1230		W	1	X	X	
M39-FD		—		W	1	X	X	
M39-Z		1240		W	1		X	
M39-ZD		—		W	1		X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
Coordinate sample reception with ~~Melania Harris~~ (STL - St. Louis) Jerry Everett

Short Hold Time !!

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
ZOE DIERMIER	ENSR	5/10/07 16:25		STL CA	5/11/07 0915
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

3.0 - 0.2 = 2.8 °C

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705
phone 714-258-8610 fax 714-258-0921

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

Client Contact	Project Manager: Robert Kennedy	Site Contact: Brian Ho	Date: 5-10-07	COC No: 05107-4
ENSR	Tel/Fax: (978) 589-3324	Lab Contact: ~~Melania Harris~~	Carrier: FEX EX	2 of 2 COCs
2 Technology Park Dr.	Analysis Turnaround Time	Jerry Everett		Job No. 04020-023-401
Westford/MA/01886-3140	Calendar (C) or Work Days (W)			SDG No.
(978) 589-3324 Phone	TAT if different from Below 21 DAYS			
(978) 589-3282 FAX	☐ 2 weeks			
Project Name: Source Area Investigation	☐ 1 week			
Site: Henderson, NV	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered (Y/N)	Hexavalent Chromium (7199)	Sample Specific Notes:
EB051007-2	5/10/07	1600		W	1		X	
EB051007-F		1615		W	1	X	X	
MW5-L		1445		W	1		X	
MW5-LD		—		W	1		X	
MW5-F		1530		W	1	X	X	
MW5-FD		—		W	1	X	X	
MW5-2		1545		W	1		X	
MW5-2D		—		W	1		X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
Coordinate sample reception with ~~Melania Harris~~ (STL - St. Louis)
Jerry Everett

Short Hold Time !!

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[illegible]	ENSR	5/11/07 1625	[illegible]	STL LA	5/11/07 0915
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

STL

Lot #(s): - 1272 - FTE110199 (HC) 205 (Rich) 218 (Mkts)

Condition Upon Receipt Form

Client: Tronox COC/RFA No: 050107-1 Date: 5-11-07
Quote No: Initiated By: AB Time: 9:10

Shipping Information

Shipper Name: FedEx Multiple Packages Y (N)

Shipping # (s):*
1. 8607 8345 5331
2.
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**
1. 3AB 5-11-07
2. 2
3.
4.
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	Y (N)	Was sample received broken?	8.	(Y) N	Sample received with Chain of Custody?
2.	(Y) N N/A	Was sample received with proper pH[1]? (If not, make note below)	9.	(Y) N	Chain of Custody matches sample ID's on container(s)?
3.	Y N	If N/A-Was pH taken by original STL Lab?	10.	(Y) N	Are there custody seals present on cooler?
4.	(Y) N	Sample received in proper containers?	11.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?
5.	(Y) N	Sample volume sufficient for analysis?	12.	Y (N)	Are there custody seals present on bottles?
6.	Y N (N/A)	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	Y N (N/A)	Do custody seals on bottles appear to be tampered with?
7.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	14.	Y N	Was Internal COC/Workshare received?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Date: 5-11-07

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

F7E110218 CLIENT ANALYSIS SUMMARY

Storage Loc: METS

Project Manager: JAE Quote #: 75203 SDG:

Project: PHASE A WELLS Henderson, NV Source Area Inv.

PO#: Report to: Robert Kennedy

Client: 456833 ENSR International Corporation #SMPS in LOT: 20

Date Received: 2007-05-11

Analytical Due Date: 2007-05-29

Report Due Date: 2007-06-01

Report Type: D Expanded Deliverable

EDD Code: EQUISTICS

Sample Receipt Notification Required - Robert Kennedy Client will ship sub-contracted samples direct to labs STL St. Louis will log in all the samples in St. Louis from COC's provided in the coolers. (Duplicate chains should be pink) RAW DATA PACKAGES REQUIRED PLEASE REPORT BY SDG STL LA - Hexavalent Chromium

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Client will specify QC on COC. Do not report other client batch QC with ENSR results. If a batch does not have client specified QC pick a sample for QC, if insufficient

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
1	M48-L			2007-05-10 / 645	JWRGX	WATER

SAMPLE COMMENTS:

	SE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	AG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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F7E110218

CLIENT ANALYSIS SUMMARY

Storage Loc: METS

Date Received: 2007-05-11

Analytical Due Date: 2007-05-29

Report Due Date: 2007-06-01

Report Type: D Expanded Deliverable

EDD Code: EQUISTICS

Project Manager: JAE

Quote #: 75203 SDG:

Project: PHASE A WELLS

Henderson, NV Source Area Inv.

PO#:

Report to: Robert Kennedy

Client: 456833 ENSR International Corporation

#SMPS in LOT: 20

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F7E110218 CLIENT ANALYSIS SUMMARY

Storage Loc: METS

Project Manager: JAE | Quote #: 75203 | SDG:

Project: PHASE A WELLS | Henderson, NV Source Area Inv.

PO#: | Report to: Robert Kennedy

Client: 456833 ENSR International Corporation | #SMPS in LOT: 20

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Quote #: 75203
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	BX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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	FE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	KX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	CD	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	HG	O8	SW846 7470A	Mercury (7470A, Cold Vapor) - Liquid	19	METALS, TOTAL (Method exclusive) - Waters	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	ZN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	NA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	NI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	PB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	PT	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	SB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	SE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	SN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	SR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	TI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	W	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	UX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	VX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	MO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	AL	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	TL	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	BE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	BA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06

F7E110218 CLIENT ANALYSIS SUMMARY

Storage Loc: METS

Date Received: 2007-05-11

Analytical Due Date: 2007-05-29

Report Due Date: 2007-06-01

Report Type: D Expanded Deliverable

EDD Code: EQUISTICS

Project Manager: JAE

Quote #: 75203 SDG:

Project: PHASE A WELLS

Henderson, NV Source Area Inv.

PO#:

Report to: Robert Kennedy

Client: 456833 ENSR International Corporation

#SMPS in LOT: 20

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D	MN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	AS	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	BX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	CA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	CD	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	KX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	CR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	CU	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	FE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	CO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	AG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	MG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
D	HG	O8	SW846 7470A	Mercury (7470A, Cold Vapor) - Liquid	19	METALS, TOTAL (Method exclusive) - Waters	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	FE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	KX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	MG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	MN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	MO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	NI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	SB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	CU	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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S	CD	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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S	AS	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	AG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	PT	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	BA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	W	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	PB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	ZN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	VX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06

F7E110218 CLIENT ANALYSIS SUMMARY

Storage Loc: METS

Project Manager: JAE Quote #: 75203 SDG:

Project: PHASE A WELLS Henderson, NV Source Area Inv.

PO#: Report to: Robert Kennedy

Client: 456833 ENSR International Corporation #SMPS in LOT: 20

Date Received: 2007-05-11

Analytical Due Date: 2007-05-29

Report Due Date: 2007-06-01

Report Type: D Expanded Deliverable

EDD Code: EQUISTICS

Sample Receipt Notification Required - Robert Kennedy Client will ship sub-contracted samples direct to labs STL St. Louis will log in all the samples in St. Louis from COC's provided in the coolers. (Duplicate chains should be pink) RAW DATA PACKAGES REQUIRED PLEASE REPORT BY SDG STL LA - Hexavalent Chromium

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S	UX	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	TL	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	TI	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	SR	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	SN	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	SE	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	HG	O8	SW846	7470A	Mercury (7470A, Cold Vapor) - Liquid	19	METALS, TOTAL (Method exclusive) - Waters	01	STANDARD TEST SET	PROT: A	WRK LOC	06

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
3	M48-Z			2007-05-10 / 745	JWRG5	WATER

SAMPLE COMMENTS:

ZN	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SN	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MO	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NI	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
PT	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SB	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SE	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SR	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
TI	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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UX	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MN	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
W	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NA	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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CU	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06

F7E110218 CLIENT ANALYSIS SUMMARY

Storage Loc: METS

Project Manager: JAE Quote #: 75203 SDG:

Project: PHASE A WELLS Henderson, NV Source Area Inv.

PO#: Report to: Robert Kennedy

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SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	!
4	M5A-L			2007-05-10 / 850	JWRG7	WATER

SAMPLE COMMENTS:

SN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
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W	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
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BE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
AG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
CA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
CD	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
CO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
CR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
CU	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
FE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
KX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
MG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06	
AS	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06	

F7E110218 CLIENT ANALYSIS SUMMARY

Storage Loc: METS

Project Manager: JAE | Quote #: 75203 | SDG:

Project: PHASE A WELLS | Henderson, NV Source Area Inv.

PO#: | Report to: Robert Kennedy

Client: 456833 ENSR International Corporation | #SMPS in LOT: 20

Date Received: 2007-05-11

Analytical Due Date: 2007-05-29

Report Due Date: 2007-06-01

Report Type: D Expanded Deliverable

EDD Code: EQUISTICS

Sample Receipt Notification Required - Robert Kennedy Client will ship sub-contracted samples direct to labs STL St. Louis will log in all the samples in St. Louis from COC's provided in the coolers. (Duplicate chains should be pink) RAW DATA PACKAGES REQUIRED PLEASE REPORT BY SDG STL LA - Hexavalent Chromium

STL Richland - RAD QC Requirements: ALL TESTS

Client will specify QC on COC. Do not report other client batch QC with ENSR results. If a batch does not have client specified QC pick a sample for QC, if insufficient

HG	O8	SW846 7470A	Mercury (7470A, Cold Vapor) - Liquid	19	METALS, TOTAL (Method exclusive) - Waters	01	STANDARD TEST SET	PROT: A	WRK LOC	06		

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
5	M5A-F			2007-05-10 / 930	JWRG8	WATER

SAMPLE COMMENTS:

SN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
NA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
NI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
PB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
PT	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
SB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
SE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
SR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
TI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
TL	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
UX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
VX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
ZN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
MG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
W	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
AL	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
MN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
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CR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
CU	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
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MO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06		
HG	O8	SW846 7470A	Mercury (7470A, Cold Vapor) - Liquid	19	METALS, TOTAL (Method exclusive) - Waters	01	STANDARD TEST SET	PROT: A	WRK LOC	06		

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I

F7E110218 CLIENT ANALYSIS SUMMARY

Storage Loc: METS

Project Manager: JAE | Quote #: 75203 | SDG:

Project: PHASE A WELLS | Henderson, NV Source Area Inv.

PO#: | Report to: Robert Kennedy

Client: 456833 ENSR International Corporation | #SMPS in LOT: 20

Date Received: 2007-05-11

Analytical Due Date: 2007-05-29

Report Due Date: 2007-06-01

Report Type: D Expanded Deliverable

EDD Code: EQUISTICS

Sample Receipt Notification Required - Robert Kennedy Client will ship sub-contracted samples direct to labs STL St. Louis will log in all the samples in St. Louis from COC's provided in the coolers. (Duplicate chains should be pink) RAW DATA PACKAGES REQUIRED PLEASE REPORT BY SDG STL LA - Hexavalent Chromium

STL Richland - RAD QC Requirements: ALL TESTS

Client will specify QC on COC. Do not report other client batch QC with ENSR results. If a batch does not have client specified QC pick a sample for QC, if insufficient

6 M5A-Z 2007-05-10 / 940 JWRHC WATER

SAMPLE COMMENTS:

ZN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
PB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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SB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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AG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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FE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
KX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
AS	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
HG	O8	SW846 7470A	Mercury (7470A, Cold Vapor) - Liquid	19	METALS, TOTAL (Method exclusive) - Waters	01	STANDARD TEST SET	PROT: A	WRK LOC	06

SAMPLE # | CLIENT SAMPLE ID | Site ID | Client Matrix | DATE/TIME SAMPLED | WORKORDER | I

7 M39-L 2007-05-10 / 1200 JWRHD WATER

SAMPLE COMMENTS:

ZN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06

F7E110218 CLIENT ANALYSIS SUMMARY

Storage Loc: METS
Date Received: 2007-05-11
Analytical Due Date: 2007-05-29
Report Due Date: 2007-06-01
Report Type: D Expanded Deliverable
EDD Code: EQUISTICS

Project Manager: JAE
Quote #: 75203 SDG:
Project: PHASE A WELLS
Henderson, NV Source Area Inv.
PO#:
Report to: Robert Kennedy
Client: 456833 ENSR International Corporation
#SMPS in LOT: 20

Sample Receipt Notification Required - Robert Kennedy Client will ship sub-contracted samples direct to labs STL St. Louis will log in all the samples in St. Louis from COC's provided in the coolers. (Duplicate chains should be pink) RAW DATA PACKAGES REQUIRED PLEASE REPORT BY SDG STL LA - Hexavalent Chromium

STL Richland - RAD QC Requirements: ALL TESTS

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SE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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SN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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TL	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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HG	O8	SW846 7470A	Mercury (7470A, Cold Vapor) - Liquid	19	METALS, TOTAL (Method exclusive) - Waters	01	STANDARD TEST SET	PROT: A	WRK LOC	06

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
8	M39-LD			2007-05-10 / 0	JWRHH	WATER

SAMPLE COMMENTS:

AG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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F7E110218 CLIENT ANALYSIS SUMMARY

Storage Loc: METS

Project Manager: JAE | Quote #: 75203 | SDG:

Project: PHASE A WELLS | Henderson, NV Source Area Inv.

PO#: | Report to: Robert Kennedy

Client: 456833 ENSR International Corporation | #SMPS in LOT: 20

Date Received: 2007-05-11

Analytical Due Date: 2007-05-29

Report Due Date: 2007-06-01

Report Type: D Expanded Deliverable

EDD Code: EQUISTICS

Sample Receipt Notification Required - Robert Kennedy Client will ship sub-contracted samples direct to labs STL St. Louis will log in all the samples in St. Louis from COC's provided in the coolers. (Duplicate chains should be pink) RAW DATA PACKAGES REQUIRED PLEASE REPORT BY SDG STL LA - Hexavalent Chromium

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TL	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
TI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
KX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
PB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
W	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
PT	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
FE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
HG	O8	SW846 7470A	Mercury (7470A, Cold Vapor) - Liquid	19	METALS, TOTAL (Method exclusive) - Waters	01	STANDARD TEST SET	PROT: A	WRK LOC	06

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
9	M39-F			2007-05-10 / 1230	JWRHL	WATER

SAMPLE COMMENTS:

SB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
ZN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
PB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
PT	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06

F7E110218

CLIENT ANALYSIS SUMMARY

Storage Loc: METS

Project Manager: JAE | Quote #: 75203 | SDG:

Project: PHASE A WELLS | Henderson, NV Source Area Inv.

PO#: | Report to: Robert Kennedy

Client: 456833 ENSR International Corporation | #SMPS in LOT: 20

Date Received: 2007-05-11

Analytical Due Date: 2007-05-29

Report Due Date: 2007-06-01

Report Type: D Expanded Deliverable

EDD Code: EQUISTICS

Sample Receipt Notification Required - Robert Kennedy Client will ship sub-contracted samples direct to labs STL St. Louis will log in all the samples in St. Louis from COC's provided in the coolers. (Duplicate chains should be pink) RAW DATA PACKAGES REQUIRED PLEASE REPORT BY SDG STL LA - Hexavalent Chromium

STL Richland - RAD QC Requirements: ALL TESTS

Client will specify QC on COC. Do not report other client batch QC with ENSR results. If a batch does not have client specified QC pick a sample for QC, if insufficient

SE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
TI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
VX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
UX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
TL	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
BE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
W	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
AS	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
BA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
AL	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
BX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CD	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CU	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
FE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
KX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
AG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
HG	O8	SW846 7470A	Mercury (7470A, Cold Vapor) - Liquid	19	METALS, TOTAL (Method exclusive) - Waters	01	STANDARD TEST SET	PROT: A	WRK LOC	06

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
10	M39-FD			2007-05-10 / 0	JWRHR	WATER

SAMPLE COMMENTS:

SE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
PB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
PT	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
TI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
TL	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06

F7E110218 CLIENT ANALYSIS SUMMARY

Storage Loc: METS

Project Manager: JAE
Quote #: 75203 SDG:
Project: PHASE A WELLS Henderson, NV Source Area Inv.
PO#: Report to: Robert Kennedy
Client: 456833 ENSR International Corporation
#SMPS in LOT: 20

Date Received: 2007-05-11
Analytical Due Date: 2007-05-29
Report Due Date: 2007-06-01
Report Type: D Expanded Deliverable
EDD Code: EQUISTICS

Sample Receipt Notification Required - Robert Kennedy Client will ship sub-contracted samples direct to labs STL St. Louis will log in all the samples in St. Louis from COC's provided in the coolers. (Duplicate chains should be pink) RAW DATA PACKAGES REQUIRED PLEASE REPORT BY SDG STL LA - Hexavalent Chromium
STL Richland - RAD QC Requirements: ALL TESTS
Client will specify QC on COC. Do not report other client batch QC with ENSR results. If a batch does not have client specified QC pick a sample for QC, if insufficient

UX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
VX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
ZN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
W	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
BA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
AG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
AS	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
BE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
BX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
KX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
AL	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CU	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
FE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CD	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
HG	O8	SW846 7470A	Mercury (7470A, Cold Vapor) - Liquid	19	METALS, TOTAL (Method exclusive) - Waters	01	STANDARD TEST SET	PROT: A	WRK LOC	06

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
11	M39-Z			2007-05-10 / 1240	JWRHW	WATER

SAMPLE COMMENTS:

SN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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SB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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NA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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TI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
TL	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
UX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
VX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06

F7E110218 CLIENT ANALYSIS SUMMARY

Storage Loc: METS

Project Manager: JAE | Quote #: 75203 | SDG:

Project: PHASE A WELLS | Henderson, NV Source Area Inv.

PO#: | Report to: Robert Kennedy

Client: 456833 ENSR International Corporation | #SMPS in LOT: 20

Date Received: 2007-05-11

Analytical Due Date: 2007-05-29

Report Due Date: 2007-06-01

Report Type: D Expanded Deliverable

EDD Code: EQUISTICS

Sample Receipt Notification Required - Robert Kennedy Client will ship sub-contracted samples direct to labs STL St. Louis will log in all the samples in St. Louis from COC's provided in the coolers. (Duplicate chains should be pink) RAW DATA PACKAGES REQUIRED PLEASE REPORT BY SDG STL LA - Hexavalent Chromium

STL Richland - RAD QC Requirements: ALL TESTS

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ZN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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CD	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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HG	O8	SW846 7470A	Mercury (7470A, Cold Vapor) - Liquid	19	METALS, TOTAL (Method exclusive) - Waters	01	STANDARD TEST SET	PROT: A	WRK LOC	06

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
12	M39-ZD			2007-05-10 / 0	JWRHX	WATER

SAMPLE COMMENTS:

MO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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BE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06

F7E110218 CLIENT ANALYSIS SUMMARY

Storage Loc: METS

Project Manager: JAE | Quote #: 75203 | SDG:

Project: PHASE A WELLS | Henderson, NV Source Area Inv.

PO#: | Report to: Robert Kennedy

Client: 456833 ENSR International Corporation | #SMPS in LOT: 20

Date Received: 2007-05-11

Analytical Due Date: 2007-05-29

Report Due Date: 2007-06-01

Report Type: D Expanded Deliverable

EDD Code: EQUISTICS

Sample Receipt Notification Required - Robert Kennedy Client will ship sub-contracted samples direct to labs STL St. Louis will log in all the samples in St. Louis from COC's provided in the coolers. (Duplicate chains should be pink) RAW DATA PACKAGES REQUIRED PLEASE REPORT BY SDG STL LA - Hexavalent Chromium

STL Richland - RAD QC Requirements: ALL TESTS

Client will specify QC on COC. Do not report other client batch QC with ENSR results. If a batch does not have client specified QC pick a sample for QC, if insufficient

SR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
AL	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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HG	O8	SW846 7470A	Mercury (7470A, Cold Vapor) - Liquid	19	METALS, TOTAL (Method exclusive) - Waters	01	STANDARD TEST SET	PROT: A	WRK LOC	06

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
13	M95-L			2007-05-10 / 1445	JWRH0	WATER

SAMPLE COMMENTS:

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F7E110218 CLIENT ANALYSIS SUMMARY

Storage Loc: METS

Project Manager: JAE | Quote #: 75203 | SDG:

Project: PHASE A WELLS | Henderson, NV Source Area Inv.

PO#: | Report to: Robert Kennedy

Client: 456833 ENSR International Corporation | #SMPS in LOT: 20

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SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
14	M95-LD			2007-05-10 / 0	JWRH1	WATER

SAMPLE COMMENTS:

TI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
15	M95-F			2007-05-10 / 1530	JWRH2	WATER

SAMPLE COMMENTS:

VX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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16	M95-FD			2007-05-10 / 0	JWRH3	WATER

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MN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
W	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
AL	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
AG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
AS	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
BA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
BE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
BX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
TL	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CU	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
FE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
KX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06

F7E110218 CLIENT ANALYSIS SUMMARY

Storage Loc: METS

Project Manager: JAE | Quote #: 75203 | SDG:

Project: PHASE A WELLS | Henderson, NV Source Area Inv.

PO#: | Report to: Robert Kennedy

Client: 456833 ENSR International Corporation | #SMPS in LOT: 20

Date Received: 2007-05-11

Analytical Due Date: 2007-05-29

Report Due Date: 2007-06-01

Report Type: D Expanded Deliverable

EDD Code: EQUISTICS

Sample Receipt Notification Required - Robert Kennedy Client will ship sub-contracted samples direct to labs STL St. Louis will log in all the samples in St. Louis from COC's provided in the coolers. (Duplicate chains should be pink) RAW DATA PACKAGES REQUIRED PLEASE REPORT BY SDG STL LA - Hexavalent Chromium

STL Richland - RAD QC Requirements: ALL TESTS

Client will specify QC on COC. Do not report other client batch QC with ENSR results. If a batch does not have client specified QC pick a sample for QC, if insufficient

CD	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
HG	O8	SW846 7470A	Mercury (7470A, Cold Vapor) - Liquid	19	METALS, TOTAL (Method exclusive) - Waters	01	STANDARD TEST SET	PROT: A	WRK LOC	06

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
17	M95-Z			2007-05-10 / 1545	JWRH5	WATER

SAMPLE COMMENTS:

W	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
PB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
PT	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
TI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
TL	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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ZN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
UX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
AL	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
AG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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AS	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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BX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CU	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
FE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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CD	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
HG	O8	SW846 7470A	Mercury (7470A, Cold Vapor) - Liquid	19	METALS, TOTAL (Method exclusive) - Waters	01	STANDARD TEST SET	PROT: A	WRK LOC	06

F7E110218 CLIENT ANALYSIS SUMMARY

Storage Loc: METS

Project Manager: JAE | Quote #: 75203 | SDG:

Project: PHASE A WELLS | Henderson, NV Source Area Inv.

PO#: | Report to: Robert Kennedy

Client: 456833 ENSR International Corporation | #SMPS in LOT: 20

Date Received: 2007-05-11

Analytical Due Date: 2007-05-29

Report Due Date: 2007-06-01

Report Type: D Expanded Deliverable

EDD Code: EQUISTICS

Sample Receipt Notification Required - Robert Kennedy Client will ship sub-contracted samples direct to labs STL St. Louis will log in all the samples in St. Louis from COC's provided in the coolers. (Duplicate chains should be pink) RAW DATA PACKAGES REQUIRED PLEASE REPORT BY SDG STL LA - Hexavalent Chromium

STL Richland - RAD QC Requirements: ALL TESTS

Client will specify QC on COC. Do not report other client batch QC with ENSR results. If a batch does not have client specified QC pick a sample for QC, if insufficient

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
18	M95-ZD			2007-05-10 / 0	JWRH6	WATER

SAMPLE COMMENTS:

ZN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
PB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
PT	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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SE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
TI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
W	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
UX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
VX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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FE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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MG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
HG	O8	SW846 7470A	Mercury (7470A, Cold Vapor) - Liquid	19	METALS, TOTAL (Method exclusive) - Waters	01	STANDARD TEST SET	PROT: A	WRK LOC	06

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
19	EB051007-Z			2007-05-10 / 1600	JWRH8	WATER

SAMPLE COMMENTS:

F7E110218 CLIENT ANALYSIS SUMMARY

Storage Loc: METS

Project Manager: JAE | Quote #: 75203 | SDG:

Project: PHASE A WELLS | Henderson, NV Source Area Inv.

PO#: | Report to: Robert Kennedy

Client: 456833 ENSR International Corporation | #SMPS in LOT: 20

Date Received: 2007-05-11

Analytical Due Date: 2007-05-29

Report Due Date: 2007-06-01

Report Type: D Expanded Deliverable

EDD Code: EQUISTICS

Sample Receipt Notification Required - Robert Kennedy Client will ship sub-contracted samples direct to labs STL St. Louis will log in all the samples in St. Louis from COC's provided in the coolers. (Duplicate chains should be pink) RAW DATA PACKAGES REQUIRED PLEASE REPORT BY SDG STL LA - Hexavalent Chromium

STL Richland - RAD QC Requirements: ALL TESTS

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ZN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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SR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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KX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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MO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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HG	O8	SW846 7470A	Mercury (7470A, Cold Vapor) - Liquid	19	METALS, TOTAL (Method exclusive) - Waters	01	STANDARD TEST SET	PROT: A	WRK LOC	06

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
20	EB051007-F			2007-05-10 / 1615	JWRH9	WATER

SAMPLE COMMENTS:

CU	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
AL	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06

F7E110218

CLIENT ANALYSIS SUMMARY

Storage Loc: METS

Date Received: 2007-05-11

Analytical Due Date: 2007-05-29

Report Due Date: 2007-06-01

Report Type: D Expanded Deliverable

EDD Code: EQUISTICS

Project Manager: JAE

Quote #: 75203 SDG:

Project: PHASE A WELLS

Henderson, NV Source Area Inv.

PO#:

Report to: Robert Kennedy

Client: 456833 ENSR International Corporation

#SMPS in LOT: 20

Sample Receipt Notification Required - Robert Kennedy Client will ship sub-contracted samples direct to labs STL St. Louis will log in all the samples in St. Louis from COC's provided in the coolers. (Duplicate chains should be pink) RAW DATA PACKAGES REQUIRED PLEASE REPORT BY SDG STL LA - Hexavalent Chromium

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AS	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
BA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
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CA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CD	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
AG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
PB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
W	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
VX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
UX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
TL	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
TI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SR	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
CO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
PT	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
ZN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NI	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
NA	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MO	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MN	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
MG	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
KX	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
FE	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
SB	MH	SW846 6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
HG	O8	SW846 7470A	Mercury (7470A, Cold Vapor) - Liquid	19	METALS, TOTAL (Method exclusive) - Waters	01	STANDARD TEST SET	PROT: A	WRK LOC	06

F7E110218

CLIENT COMMENTS SUMMARY

Storage Loc: METS

Project Manager: JAE
Quote #: 75203
SDG:
Project: PHASE A WELLS
Henderson, NV Source Area Inv.
PO#:
Report to: Robert Kennedy
Client: 456833 ENSR International Corporation
#SMPS in LOT: 20

Date Received: 2007-05-11
Analytical Due Date: 2007-05-29
Report Due Date: 2007-06-01
Report Type: D Expanded Deliverable
EDD Code: EQUISTICS

Sample Receipt Notification Required - Robert Kennedy
Client will ship sub-contracted samples direct to labs
STL St. Louis will log in all the samples in St. Louis from
COC's provided in the coolers. (Duplicate chains should be
pink) RAW DATA PACKAGES REQUIRED PLEASE REPO
STL LA - Hexavalent Chromium
STL Richland - RAD

QC Requirements: ALL TESTS
Client will specify QC on COC. Do not report other client
batch QC with ENSR results. If a batch does not have
client specified QC pick a sample for QC, if insufficient
sample volume run LCS/LCSD.
RAW DATA PACKATGES REQUIRED - PLEASE REPORT B
Please try to maximize ENSR batches when possible.

WET CHEM QC:
Batching rules above apply: MS/MSDs should be logged in and
run as standard QC for all applicable wet chemistry TESTS
when cient specified QC is requested.

RAD QC:
Standard rad QC is acceptable - Duplicates should be logged
in for RAD tests when client specified QC is requested.
Sample volume issues/ QC failures - Client wishes to be
notified of major QC issues resulting in qualified data.
Client may wish to re-sample rather than report out of
hold data or other major QC failures that could be corrected
with additional sample volume. Please notified PM
immediately if this situation occurs.

Metals Serial Dilution forms %D's are to be manually
calculated for all positive results.
METALS ICP/MS Internal Standards forms - % recoveries mus
be manually generated.
METALS Mercury ICB/CCB forms are to be reviewed for
truncated errors (0.0) values. The correct values are to be
manually entered.

STL St. Louis
13715 Rider Trail North
Earth City, MO 63045
phone 314-298-8566 fax 314-298-8757

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

Client Contact	Project Manager: Robert Kennedy	Site Contact: Brian Ho	Date: 5-10-07	COC No: 051007-1
ENSR	Tel/Fax: (978) 589-3324	Lab Contact: ~~Melanie Harris~~ Jerry Everett	Carrier: FED EX	1 of 2 COCs
2 Technology Park Dr.	Analysis Turnaround Time			Job No. 04020-023-401
Westford/MA/01886-3140	Calendar (C) or Work Days (W)			SDG No.
(978) 589-3324 Phone	TAT if different from Below 21 DAYS			
(978) 589-3282 FAX	☐ 2 weeks			
Project Name: Source Area Investigation	☐ 1 week			
Site: Henderson, NV	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Metals, Total (6010B)	Metals, Dissolved (6010B)	VOCs (8260B/5035**)	SVOCs (8270C)	SVOCs (8270 SIM)	PCBs (8082)	TPH (8015M/5035** /3550)	Perchlorate (314.0)	OCPs (8081A)	OCHs (8151)	General Chemistry	Fuel Alcohols (8015B)	Sample Specific Notes:
M48-L	5/9/07	0645		W	1		X												
M48-F		0730		W	1	X		X											
M48-Z		0745		W	1		X												
M5A-L		0850		W	1		X												
M5A-F		0930		W	1	X		X											
M5A-Z		0940		W	1		X												
M39-L		1200		W	1		X												
M39-LD		—		W	1		X												
M39-F		1230		W	1	X		X											
M39-FD		—		W	1	X		X											
M39-Z		1240		W	1		X												
M39-ZD	↓	—		W	1		X												

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
Coordinate sample reception with ~~Melanie Harris~~ (STL - St. Louis)
Jerry Everett

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
ZOE DIERMIER	ENSR	5/10/07 16:20	Amanda Parson	STL	5-11-07 9:10
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

SDG# ENSR051107

STL ST. LOUIS

STL St. Louis
13715 Rider Trail North
Earth City, MO 63045
phone 314-298-8566 fax 314-298-8757

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

Client Contact	Project Manager: Robert Kennedy	Site Contact: Brian Ito	Date: 5-10-07	COC No: 051007-2
ENSR	Tel/Fax: (978) 589-3324	Lab Contact: ~~Melania Harris~~ Jerry Everett	Carrier: FED EX	2 of 2 COCs
2 Technology Park Dr.	Analysis Turnaround Time			Job No. 04020-023-401
Westford/MA/01886-3140	Calendar (C) or Work Days (W) ____			SDG No.
(978) 589-3324 Phone	TAT if different from Below 21 DAYS			
(978) 589-3282 FAX	☐ 2 weeks			
Project Name: Source Area Investigation	☐ 1 week			
Site: Henderson, NV	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Metals, Total (6010B)	Metals, Dissolved (6010B)	VOCs (8260B/5035**)	SVOCs (8270C)	SVOCs (8270 SIM)	PCBs (8082)	TPH (8015M/5035** /3550)	Perchlorate (314.0)	OCPs (8081A)	OCHs (8151)	General Chemistry	Fuel Alcohols (8015B)	Sample Specific Notes:
M95-L	5/10/07	1445		W	1		X												
M95-LD	↓	—		↓	↓		X												
M95-F		1530				X		X											
M95-FD		—				X		X											
M95-Z		1545					X												
M95-ZD		—					X												
EB051007-Z		1600					X												
EB051007-ZF	↓	1615		↓	↓	X		X											

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:
Coordinate sample reception with ~~Melania Harris~~ (STL - St. Louis)
Jerry Everett

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
ZOE DIERMIER	ENSR	5/10/07 16:20	Angela Boom	STL	5-11-07 9:10
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

STL

Lot #(s): - 1272 - F7E110199 (HC) 205 (Rich) 218 (Mets)

Condition Upon Receipt Form

Client: Tronox COC/RFA No: 050107-1 Date: 5-11-07
Quote No: Initiated By: AB Time: 9:10

Shipping Information

Shipper Name: FedEx Multiple Packages Y (N)

Shipping # (s):*
1. 8607 8345 5331
2.
3.
4.
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**
1. 3AB 5-11-07
2. 2
3.
4.
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	Y (N)	Was sample received broken?	8.	(Y) N	Sample received with Chain of Custody?
2.	(Y) N N/A	Was sample received with proper pH[1] ? (If not, make note below)	9.	(Y) N	Chain of Custody matches sample ID's on container(s)?
3.	Y N	If N/A-Was pH taken by original STL Lab?	10.	(Y) N	Are there custody seals present on cooler?
4.	(Y) N	Sample received in proper containers?	11.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?
5.	(Y) N	Sample volume sufficient for analysis?	12.	Y (N)	Are there custody seals present on bottles?
6.	Y N (N/A)	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)	13.	Y N (N/A)	Do custody seals on bottles appear to be tampered with?
7.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	14.	Y N	Was Internal COC/Workshare received?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes:

Corrective Action:
☐ Client Contact Name: Informed by:
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: If released, notify:
Project Management Review: Jerry A Ecuit Date: 5-11-07

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

METHODS SUMMARY

ENSR051107

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Hexavalent Chromium	SW846 7199	SW846 7199
ICP-MS (6020)	SW846 6020	
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

ENSR051107 : F7E110199

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JWQ9W	001	M48-L	05/10/07	14:05
JWQ93	002	M48-F	05/10/07	14:07
JWQ94	003	M48-Z	05/10/07	14:09
JWQ97	004	M5A-L	05/10/07	14:50
JWQ98	005	M5A-F	05/10/07	14:55
JWRAA	006	M5A-Z	05/10/07	14:57
JWRAE	007	M39-L	05/10/07	12:00
JWRAG	008	M39-LD	05/10/07	
JWRAL	009	M39-F	05/10/07	12:30
JWRAR	010	M39-FD	05/10/07	
JWRAX	011	M39-Z	05/10/07	12:40
JWRA0	012	M39-ZD	05/10/07	
JWRA2	013	M95-L	05/10/07	14:45
JWRA4	014	M95-LD	05/10/07	
JWRA7	015	M95-F	05/10/07	15:30
JWRA8	016	M95-FD	05/10/07	
JWRCA	017	M95-Z	05/10/07	15:45
JWRCD	018	M95-ZD	05/10/07	
JWRCE	019	EB051007-Z	05/10/07	16:00
JWRCH	020	EB051007-F	05/10/07	16:15

NOTE(S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

ENSR051107 : F7E110218

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JWRGX	001	M48-L	05/10/07	06:45
JWRG3	002	M48-F	05/10/07	07:30
JWRG5	003	M48-Z	05/10/07	07:45
JWRG7	004	M5A-L	05/10/07	08:50
JWRG8	005	M5A-F	05/10/07	09:30
JWRHC	006	M5A-Z	05/10/07	09:40
JWRHD	007	M39-L	05/10/07	12:00
JWRHH	008	M39-LD	05/10/07	
JWRHL	009	M39-F	05/10/07	12:30
JWRHR	010	M39-FD	05/10/07	
JWRHW	011	M39-Z	05/10/07	12:40
JWRHX	012	M39-ZD	05/10/07	
JWRH0	013	M95-L	05/10/07	14:45
JWRH1	014	M95-LD	05/10/07	
JWRH2	015	M95-F	05/10/07	15:30
JWRH3	016	M95-FD	05/10/07	
JWRH5	017	M95-Z	05/10/07	15:45
JWRH6	018	M95-ZD	05/10/07	
JWRH8	019	EB051007-Z	05/10/07	16:00
JWRH9	020	EB051007-F	05/10/07	16:15

NOTE(S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

ENSR International Corporation

Client Sample ID: M48-L

General Chemistry

Lot-Sample #...: F7E110199-001 **Work Order #...:** JWQ9W **Matrix.....:** W
Date Sampled...: 05/10/07 14:05 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	**1190**	**20.0**	**ug/L**	**SW846 7199**	**05/11/07**	**7131418**

Dilution Factor: 100 Analysis Time..: 13:59 MDL.....: 10.0

ENSR International Corporation

Client Sample ID: M48-F

General Chemistry

Lot-Sample #...: F7E110199-002 **Work Order #...:** JWQ93 **Matrix.....:** W
Date Sampled...: 05/10/07 14:07 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	**1120**	**20.0**	**ug/L**	**SW846 7199**	**05/11/07**	**7131418**

Dilution Factor: 100 Analysis Time..: 14:18 MDL.....: 10.0

ENSR International Corporation

Client Sample ID: M48-Z

General Chemistry

Lot-Sample #...: F7E110199-003 **Work Order #...:** JWQ94 **Matrix.....:** W
Date Sampled...: 05/10/07 14:09 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	**1040**	**20.0**	**ug/L**	**SW846 7199**	**05/11/07**	**7131418**

Dilution Factor: 100 Analysis Time..: 14:37 MDL.....: 10.0

ENSR International Corporation

Client Sample ID: M5A-L

General Chemistry

Lot-Sample #...: F7E110199-004 **Work Order #...:** JWQ97 **Matrix.....:** W
Date Sampled...: 05/10/07 14:50 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	ND G	1.0	ug/L	SW846 7199	05/12/07	7134251

Dilution Factor: 5 Analysis Time..: 17:11 MDL.....: 0.50

NOTE(S):

RL Reporting Limit

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

ENSR International Corporation

Client Sample ID: M5A-F

General Chemistry

Lot-Sample #...: F7E110199-005 **Work Order #...:** JWQ98 **Matrix.....:** W
Date Sampled...: 05/10/07 14:55 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	ND G	1.0	ug/L	SW846 7199	05/12/07	7134251

Dilution Factor: 5 Analysis Time..: 17:30 MDL.....: 0.50

NOTE(S):

RL Reporting Limit

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

ENSR International Corporation

Client Sample ID: M5A-Z

General Chemistry

Lot-Sample #...: F7E110199-006 **Work Order #...:** JWRAA **Matrix.....:** W
Date Sampled...: 05/10/07 14:57 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	ND G	1.0	ug/L	SW846 7199	05/11/07	7131418

Dilution Factor: 5 Analysis Time..: 15:52 MDL.....: 0.50

NOTE(S):

RL Reporting Limit

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

ENSR International Corporation

Client Sample ID: M39-L

General Chemistry

Lot-Sample #...: F7E110199-007 **Work Order #...:** JWRAE **Matrix.....:** W
Date Sampled...: 05/10/07 12:00 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	**4750**	**50.0**	**ug/L**	**SW846 7199**	**05/11/07**	**7131418**

Dilution Factor: 250 Analysis Time..: 11:25 MDL.....: 25.0

ENSR International Corporation

Client Sample ID: M39-LD

General Chemistry

Lot-Sample #...: F7E110199-008 **Work Order #...:** JWRAG **Matrix.....:** W
Date Sampled...: 05/10/07 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	**4820**	**50.0**	**ug/L**	**SW846 7199**	**05/11/07**	**7131418**

Dilution Factor: 250 Analysis Time..: 12:03 MDL.....: 25.0

ENSR International Corporation

Client Sample ID: M39-F

General Chemistry

Lot-Sample #...: F7E110199-009 **Work Order #...:** JWRAL **Matrix.....:** W
Date Sampled...: 05/10/07 12:30 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	**4760**	**50.0**	**ug/L**	**SW846 7199**	**05/11/07**	**7131418**

Dilution Factor: 250 Analysis Time..: 12:22 MDL.....: 25.0

ENSR International Corporation

Client Sample ID: M39-FD

General Chemistry

Lot-Sample #...: F7E110199-010 **Work Order #...:** JWRAR **Matrix.....:** W
Date Sampled...: 05/10/07 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	**4620**	**50.0**	**ug/L**	**SW846 7199**	**05/11/07**	**7131418**

Dilution Factor: 250 Analysis Time..: 12:41 MDL.....: 25.0

ENSR International Corporation

Client Sample ID: M39-Z

General Chemistry

Lot-Sample #...: F7E110199-011 **Work Order #...:** JWRAX **Matrix.....:** W
Date Sampled...: 05/10/07 12:40 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	**4720**	**50.0**	**ug/L**	**SW846 7199**	**05/11/07**	**7131418**

Dilution Factor: 250 Analysis Time..: 13:00 MDL.....: 25.0

ENSR International Corporation

Client Sample ID: M39-ZD

General Chemistry

Lot-Sample #...: F7E110199-012 **Work Order #...:** JWRA0 **Matrix.....:** W
Date Sampled...: 05/10/07 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	4640	50.0	ug/L	SW846 7199	05/11/07	7131418

Dilution Factor: 250 Analysis Time..: 13:21 MDL.....: 25.0

ENSR International Corporation

Client Sample ID: M95-L

General Chemistry

Lot-Sample #...: F7E110199-013 **Work Order #...:** JWRA2 **Matrix.....:** W
Date Sampled...: 05/10/07 14:45 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	**1580**	**40.0**	**ug/L**	**SW846 7199**	**05/11/07**	**7131418**

Dilution Factor: 200 Analysis Time..: 16:11 MDL.....: 20.0

ENSR International Corporation

Client Sample ID: M95-LD

General Chemistry

Lot-Sample #...: F7E110199-014 **Work Order #...:** JWRA4 **Matrix.....:** W
Date Sampled...: 05/10/07 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	**1640**	**40.0**	**ug/L**	**SW846 7199**	**05/11/07**	**7131418**

Dilution Factor: 200 Analysis Time..: 16:30 MDL.....: 20.0

ENSR International Corporation

Client Sample ID: M95-F

General Chemistry

Lot-Sample #...: F7E110199-015 **Work Order #...:** JWRA7 **Matrix.....:** W
Date Sampled...: 05/10/07 15:30 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	**1520**	**40.0**	**ug/L**	**SW846 7199**	**05/11/07**	**7131418**

Dilution Factor: 200 Analysis Time..: 16:49 MDL.....: 20.0

ENSR International Corporation

Client Sample ID: M95-FD

General Chemistry

Lot-Sample #...: F7E110199-016 **Work Order #...:** JWRA8 **Matrix.....:** W
Date Sampled...: 05/10/07 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	**1440**	**40.0**	**ug/L**	**SW846 7199**	**05/11/07**	**7131418**

Dilution Factor: 200 Analysis Time..: 17:08 MDL.....: 20.0

ENSR International Corporation

Client Sample ID: M95-Z

General Chemistry

Lot-Sample #...: F7E110199-017 **Work Order #...:** JWRCA **Matrix.....:** W
Date Sampled...: 05/10/07 15:45 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	**1640**	**40.0**	**ug/L**	**SW846 7199**	**05/11/07**	**7131418**

Dilution Factor: 200 Analysis Time..: 17:46 MDL.....: 20.0

ENSR International Corporation

Client Sample ID: M95-ZD

General Chemistry

Lot-Sample #...: F7E110199-018 **Work Order #...:** JWRCD **Matrix.....:** W
Date Sampled...: 05/10/07 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	**1650**	**40.0**	**ug/L**	**SW846 7199**	**05/11/07**	**7131418**

Dilution Factor: 200 Analysis Time..: 18:04 MDL.....: 20.0

ENSR International Corporation

Client Sample ID: EB051007-Z

General Chemistry

Lot-Sample #...: F7E110199-019 **Work Order #...:** JWRCE **Matrix.....:** W
Date Sampled...: 05/10/07 16:00 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	**0.63**	**0.20**	**ug/L**	**SW846 7199**	**05/11/07**	**7131418**

Dilution Factor: 1 Analysis Time..: 18:23 MDL.....: 0.10

ENSR International Corporation

Client Sample ID: EB051007-F

General Chemistry

Lot-Sample #...: F7E110199-020 **Work Order #...:** JWRCH **Matrix.....:** W
Date Sampled...: 05/10/07 16:15 **Date Received..:** 05/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium	**0.48**	**0.20**	**ug/L**	**SW846 7199**	**05/11/07**	**7131418**

Dilution Factor: 1 Analysis Time..: 18:42 MDL.....: 0.10

METHOD BLANK REPORT

General Chemistry

Client Lot #...: ENSR051107 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium		Work Order #: JWTEJ1AA		MB Lot-Sample #:	E7E110000-418	
	ND	0.20	ug/L	SW846 7199	05/11/07	7131418
		Dilution Factor: 1				
		Analysis Time..: 10:37				
Dissolved Hexavalent Chromium		Work Order #: JWW571AA		MB Lot-Sample #:	E7E140000-251	
	ND	0.20	ug/L	SW846 7199	05/12/07	7134251
		Dilution Factor: 1				
		Analysis Time..: 08:02				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: ENSR051107 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium		Work Order #: JWTEJ1AC	LCS Lot-Sample#: E7E110000-418		
	100	(90 - 110)	SW846 7199	05/11/07	7131418
		Dilution Factor: 1	Analysis Time..: 10:28		
Dissolved Hexavalent Chromium		Work Order #: JWW571AC	LCS Lot-Sample#: E7E140000-251		
	97	(90 - 110)	SW846 7199	05/12/07	7134251
		Dilution Factor: 1	Analysis Time..: 07:52		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: ENSR051107 **Matrix.....:** W
Date Sampled...: 05/10/07 14:07 **Date Received..:** 05/11/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium		Work Order #...: JWQ931AC		MS Lot-Sample #:	F7E110199-002
	91	(80 - 120)	SW846 7199	05/11/07	7131418
		Dilution Factor: 100		Analysis Time..: 20:57	
Dissolved Hexavalent Chromium		Work Order #...: JWQ941AC		MS Lot-Sample #:	F7E110199-003
	113	(80 - 120)	SW846 7199	05/11/07	7131418
		Dilution Factor: 100		Analysis Time..: 21:16	

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: ENSR051107 **Matrix.....:** WATER
Date Sampled...: 05/11/07 13:20 **Date Received..:** 05/12/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium		Work Order #...: JW0FP1AC		MS Lot-Sample #:	F7E150119-002
	90	(80 - 120)	SW846 7199	05/12/07	7134251

Dilution Factor: 200 Analysis Time..: 16:33

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7E110199 **Work Order #...:** JWQ9W-SMP **Matrix.....:** W
JWQ9W-DUP
Date Sampled...: 05/10/07 14:05 **Date Received..:** 05/11/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium						SD Lot-Sample #: F7E110199-001		
	1190	1000	ug/L	18	(0-20)	SW846 7199	05/11/07	7131418

Dilution Factor: 100 Analysis Time..: 19:23

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7E110199 **Work Order #...:** JWQ93-SMP **Matrix.....:** W
JWQ93-DUP
Date Sampled...: 05/10/07 14:07 **Date Received..:** 05/11/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium						SD Lot-Sample #: F7E110199-002		
	1120	1050	ug/L	6.4	(0-20)	SW846 7199	05/11/07	7131418

Dilution Factor: 100 Analysis Time..: 20:01

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7E110199 **Work Order #...:** JWQ94-SMP JWQ94-DUP **Matrix.....:** W

Date Sampled...: 05/10/07 14:09 **Date Received..:** 05/11/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium						SD Lot-Sample #: F7E110199-003		
	1040	1240	ug/L	17	(0-20)	SW846 7199	05/11/07	7131418

Dilution Factor: 100 Analysis Time..: 20:20

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F7E110199 **Work Order #...:** JW0FP-SMP JW0FP-DUP **Matrix.....:** WATER

Date Sampled...: 05/11/07 13:20 **Date Received..:** 05/12/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Hexavalent Chromium						SD Lot-Sample #: F7E150119-002		
	2510	2520	ug/L	0.32	(0-20)	SW846 7199	05/12/07	7134251

Dilution Factor: 125 Analysis Time..: 16:14

METALS SAMPLE AND QC SUMMARY RESULTS

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRGX **Client ID:** M48-L

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.093	U	1	CVAA	5/17/2007	16:29

Comments: Lot #: F7E110218 Sample #: 1

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRG3 **Client ID:** M48-F

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.093	U	1	CVAA	5/17/2007	16:39

Comments: Lot #: F7E110218 Sample #: 2

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRG5 **Client ID:** M48-Z

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.093	U	1	CVAA	5/17/2007	16:45

Comments: Lot #: F7E110218 Sample #: 3

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRG7 **Client ID:** M5A-L

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.16	B	1	CVAA	5/17/2007	16:51

Comments: Lot #: F7E110218 Sample #: 4

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRG8 **Client ID:** M5A-F

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.093	U	1	CVAA	5/17/2007	16:53

Comments: Lot #: F7E110218 Sample #: 5

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRHC **Client ID:** M5A-Z

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.093	U	1	CVAA	5/17/2007	16:56

Comments: Lot #: F7E110218 Sample #: 6

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRHD **Client ID:** M39-L

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.28		1	CVAA	5/17/2007	16:58

Comments: Lot #: F7E110218 Sample #: 7

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRHH **Client ID:** M39-LD

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.24		1	CVAA	5/17/2007	17:05

Comments: Lot #: F7E110218 Sample #: 8

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRHL **Client ID:** M39-F

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.16	B	1	CVAA	5/17/2007	17:07

Comments: Lot #: F7E110218 Sample #: 9

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRHR **Client ID:** M39-FD

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.093	U	1	CVAA	5/17/2007	17:09

Comments: Lot #: F7E110218 Sample #: 10

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRHW **Client ID:** M39-Z

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.13	B	1	CVAA	5/17/2007	17:11

Comments: Lot #: F7E110218 Sample #: 11

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRHX **Client ID:** M39-ZD

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.14	B	1	CVAA	5/17/2007	17:13

Comments: Lot #: F7E110218 Sample #: 12

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRH0 **Client ID:** M95-L

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.093	U	1	CVAA	5/17/2007	17:15

Comments: Lot #: F7E110218 Sample #: 13

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRH1 **Client ID:** M95-LD

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.093	U	1	CVAA	5/17/2007	17:18

Comments: Lot #: F7E110218 Sample #: 14

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRH2 **Client ID:** M95-F

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.093	U	1	CVAA	5/17/2007	17:21

Comments: Lot #: F7E110218 Sample #: 15

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRH3 **Client ID:** M95-FD

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.093	U	1	CVAA	5/17/2007	17:23

Comments: Lot #: F7E110218 Sample #: 16

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRH5 **Client ID:** M95-Z

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.093	U	1	CVAA	5/17/2007	17:25

Comments: Lot #: F7E110218 Sample #: 17

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRH6 **Client ID:** M95-ZD

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.093	U	1	CVAA	5/17/2007	17:32

Comments: Lot #: F7E110218 Sample #: 18

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRH8 **Client ID:** EB051007-Z

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.093	U	1	CVAA	5/17/2007	17:34

Comments: Lot #: F7E110218 Sample #: 19

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRH9 **Client ID:** EB051007-F

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.093	U	1	CVAA	5/17/2007	17:36

Comments: Lot #: F7E110218 Sample #: 20

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRGX **Client ID:** M48-L

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	157	500	157	U	20	ICPMS	5/24/2007	20:22
Antimony	123	10.0	20.0	10.0	U	20	ICPMS	5/24/2007	20:22
Arsenic	**75**	**40.0**	**100**	**147**		**20**	**ICPMS**	**5/24/2007**	**20:22**
Barium	**135**	**5.0**	**40.0**	**17.2**	**B**	**20**	**ICPMS**	**5/25/2007**	**16:39**
Beryllium	9	1.8	10.0	1.8	U	20	ICPMS	5/24/2007	20:22
Boron	**10**	**133**	**1000**	**4010**	**N**	**20**	**ICPMS**	**5/24/2007**	**20:22**
Cadmium	111	1.2	10.0	1.2	U	20	ICPMS	5/24/2007	20:22
Calcium	**44**	**420**	**2000**	**175000**	**N**	**20**	**ICPMS**	**5/24/2007**	**20:22**
Chromium	**52**	**56.0**	**200**	**945**	**N**	**20**	**ICPMS**	**5/24/2007**	**20:22**
Cobalt	59	6.3	40.0	6.3	U	20	ICPMS	5/24/2007	20:22
Copper	65	5.0	20.0	5.0	U	20	ICPMS	5/24/2007	20:22
Iron	57	188	400	188	UN*	20	ICPMS	5/24/2007	20:22
Lead	208	9.8	60.0	9.8	U	20	ICPMS	5/24/2007	20:22
Magnesium	**24**	**129**	**1000**	**86600**	**N**	**20**	**ICPMS**	**5/24/2007**	**20:22**
Manganese	**55**	**6.8**	**40.0**	**23.6**	**B**	**20**	**ICPMS**	**5/24/2007**	**20:22**
Molybdenum	**97**	**10.0**	**100**	**20.2**	**B**	**20**	**ICPMS**	**5/24/2007**	**20:22**
Nickel	60	10.3	100	10.3	U	20	ICPMS	5/24/2007	20:22
Platinum	194	2.0	20.0	2.0	U	20	ICPMS	5/24/2007	20:22
Potassium	**39**	**200**	**2000**	**9890**		**20**	**ICPMS**	**5/24/2007**	**20:22**
Selenium	82	20.0	100	20.0	U	20	ICPMS	5/24/2007	20:22
Silver	107	4.1	40.0	4.1	U	20	ICPMS	5/24/2007	20:22
Sodium	**23**	**220**	**1000**	**470000**	**N***	**20**	**ICPMS**	**5/24/2007**	**20:22**
Strontium	**88**	**10.5**	**100**	**6850**	**N***	**20**	**ICPMS**	**5/24/2007**	**20:22**
Thallium	**205**	**6.4**	**40.0**	**9.7**	**B**	**20**	**ICPMS**	**5/25/2007**	**16:39**
Tin	118	4.0	40.0	4.0	U	20	ICPMS	5/24/2007	20:22
Titanium	47	7.8	40.0	7.8	U	20	ICPMS	5/24/2007	20:22
Tungsten	**182**	**10.0**	**100**	**39.0**	**B**	**20**	**ICPMS**	**5/24/2007**	**20:22**
Uranium	**238**	**4.2**	**20.0**	**40.7**		**20**	**ICPMS**	**5/24/2007**	**20:22**
Vanadium	**51**	**32.0**	**200**	**112**	**B**	**20**	**ICPMS**	**5/25/2007**	**16:39**
Zinc	**66**	**20.0**	**200**	**36.9**	**B**	**20**	**ICPMS**	**5/25/2007**	**16:39**

Comments: Lot #: F7E110218 Sample #: 1

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRG3 **Client ID:** M48-F

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	157	500	157	U	20	ICPMS	5/24/2007	20:46
Antimony	123	10.0	20.0	10.0	U	20	ICPMS	5/24/2007	20:46
Arsenic	**75**	**40.0**	**100**	**147**		**20**	**ICPMS**	**5/24/2007**	**20:46**
Barium	**135**	**5.0**	**40.0**	**17.9**	**B**	**20**	**ICPMS**	**5/25/2007**	**16:56**
Beryllium	9	1.8	10.0	1.8	U	20	ICPMS	5/24/2007	20:46
Boron	**10**	**133**	**1000**	**3930**	**N**	**20**	**ICPMS**	**5/24/2007**	**20:46**
Cadmium	111	1.2	10.0	1.2	U	20	ICPMS	5/24/2007	20:46
Calcium	**44**	**420**	**2000**	**179000**	**N**	**20**	**ICPMS**	**5/24/2007**	**20:46**
Chromium	**52**	**56.0**	**200**	**971**	**N**	**20**	**ICPMS**	**5/24/2007**	**20:46**
Cobalt	59	6.3	40.0	6.3	U	20	ICPMS	5/24/2007	20:46
Copper	65	5.0	20.0	5.0	U	20	ICPMS	5/24/2007	20:46
Iron	57	188	400	188	UN*	20	ICPMS	5/24/2007	20:46
Lead	208	9.8	60.0	9.8	U	20	ICPMS	5/24/2007	20:46
Magnesium	**24**	**129**	**1000**	**89300**	**N**	**20**	**ICPMS**	**5/24/2007**	**20:46**
Manganese	**55**	**6.8**	**40.0**	**25.7**	**B**	**20**	**ICPMS**	**5/24/2007**	**20:46**
Molybdenum	**97**	**10.0**	**100**	**18.5**	**B**	**20**	**ICPMS**	**5/24/2007**	**20:46**
Nickel	60	10.3	100	10.3	U	20	ICPMS	5/24/2007	20:46
Platinum	194	2.0	20.0	2.0	U	20	ICPMS	5/24/2007	20:46
Potassium	**39**	**200**	**2000**	**10100**		**20**	**ICPMS**	**5/24/2007**	**20:46**
Selenium	82	20.0	100	20.0	U	20	ICPMS	5/24/2007	20:46
Silver	107	4.1	40.0	4.1	U	20	ICPMS	5/24/2007	20:46
Sodium	**23**	**220**	**1000**	**482000**	**N***	**20**	**ICPMS**	**5/24/2007**	**20:46**
Strontium	**88**	**10.5**	**100**	**6890**	**N***	**20**	**ICPMS**	**5/24/2007**	**20:46**
Thallium	205	6.4	40.0	6.4	U	20	ICPMS	5/25/2007	16:56
Tin	118	4.0	40.0	4.0	U	20	ICPMS	5/24/2007	20:46
Titanium	47	7.8	40.0	7.8	U	20	ICPMS	5/24/2007	20:46
Tungsten	**182**	**10.0**	**100**	**29.2**	**B**	**20**	**ICPMS**	**5/24/2007**	**20:46**
Uranium	**238**	**4.2**	**20.0**	**40.6**		**20**	**ICPMS**	**5/24/2007**	**20:46**
Vanadium	**51**	**32.0**	**200**	**107**	**B**	**20**	**ICPMS**	**5/25/2007**	**16:56**
Zinc	66	20.0	200	20.0	U	20	ICPMS	5/25/2007	16:56

Comments: Lot #: F7E110218 Sample #: 2

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRG5 **Client ID:** M48-Z

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	157	500	157	U	20	ICPMS	5/24/2007	21:04
Antimony	123	10.0	20.0	10.0	U	20	ICPMS	5/24/2007	21:04
Arsenic	**75**	**40.0**	**100**	**147**		**20**	**ICPMS**	**5/24/2007**	**21:04**
Barium	**135**	**5.0**	**40.0**	**16.9**	**B**	**20**	**ICPMS**	**5/25/2007**	**17:09**
Beryllium	9	1.8	10.0	1.8	U	20	ICPMS	5/24/2007	21:04
Boron	**10**	**133**	**1000**	**4030**	**N**	**20**	**ICPMS**	**5/24/2007**	**21:04**
Cadmium	111	1.2	10.0	1.2	U	20	ICPMS	5/24/2007	21:04
Calcium	**44**	**420**	**2000**	**177000**	**N**	**20**	**ICPMS**	**5/24/2007**	**21:04**
Chromium	**52**	**56.0**	**200**	**963**	**N**	**20**	**ICPMS**	**5/24/2007**	**21:04**
Cobalt	59	6.3	40.0	6.3	U	20	ICPMS	5/24/2007	21:04
Copper	65	5.0	20.0	5.0	U	20	ICPMS	5/24/2007	21:04
Iron	57	188	400	188	UN*	20	ICPMS	5/24/2007	21:04
Lead	208	9.8	60.0	9.8	U	20	ICPMS	5/24/2007	21:04
Magnesium	**24**	**129**	**1000**	**87700**	**N**	**20**	**ICPMS**	**5/24/2007**	**21:04**
Manganese	**55**	**6.8**	**40.0**	**23.9**	**B**	**20**	**ICPMS**	**5/24/2007**	**21:04**
Molybdenum	**97**	**10.0**	**100**	**19.0**	**B**	**20**	**ICPMS**	**5/24/2007**	**21:04**
Nickel	60	10.3	100	10.3	U	20	ICPMS	5/24/2007	21:04
Platinum	194	2.0	20.0	2.0	U	20	ICPMS	5/24/2007	21:04
Potassium	**39**	**200**	**2000**	**9940**		**20**	**ICPMS**	**5/24/2007**	**21:04**
Selenium	82	20.0	100	20.0	U	20	ICPMS	5/24/2007	21:04
Silver	107	4.1	40.0	4.1	U	20	ICPMS	5/24/2007	21:04
Sodium	**23**	**220**	**1000**	**479000**	**N***	**20**	**ICPMS**	**5/24/2007**	**21:04**
Strontium	**88**	**10.5**	**100**	**6840**	**N***	**20**	**ICPMS**	**5/24/2007**	**21:04**
Thallium	205	6.4	40.0	6.4	U	20	ICPMS	5/25/2007	17:09
Tin	118	4.0	40.0	4.0	U	20	ICPMS	5/24/2007	21:04
Titanium	47	7.8	40.0	7.8	U	20	ICPMS	5/24/2007	21:04
Tungsten	**182**	**10.0**	**100**	**30.5**	**B**	**20**	**ICPMS**	**5/24/2007**	**21:04**
Uranium	**238**	**4.2**	**20.0**	**40.9**		**20**	**ICPMS**	**5/24/2007**	**21:04**
Vanadium	**51**	**32.0**	**200**	**99.9**	**B**	**20**	**ICPMS**	**5/25/2007**	**17:09**
Zinc	66	20.0	200	20.0	U	20	ICPMS	5/25/2007	17:09

Comments: Lot #: F7E110218 Sample #: 3

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRG7 **Client ID:** M5A-L

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	786	2500	786	U	100	ICPMS	5/24/2007	21:24
Antimony	123	50.0	100	50.0	U	100	ICPMS	5/24/2007	21:24
Arsenic	**75**	**200**	**500**	**271**	**B**	**100**	**ICPMS**	**5/24/2007**	**21:24**
Barium	**135**	**24.7**	**200**	**44.3**	**B**	**100**	**ICPMS**	**5/24/2007**	**21:24**
Beryllium	9	8.8	50.0	8.8	U	100	ICPMS	5/24/2007	21:24
Boron	**10**	**666**	**5000**	**2260**	**BN**	**100**	**ICPMS**	**5/24/2007**	**21:24**
Cadmium	111	5.7	50.0	5.7	U	100	ICPMS	5/24/2007	21:24
Calcium	**44**	**2100**	**10000**	**762000**	**N**	**100**	**ICPMS**	**5/24/2007**	**21:24**
Chromium	52	280	1000	280	UN	100	ICPMS	5/24/2007	21:24
Cobalt	59	31.3	200	31.3	U	100	ICPMS	5/24/2007	21:24
Copper	65	25.0	100	25.0	U	100	ICPMS	5/24/2007	21:24
Iron	57	940	2000	940	UN*	100	ICPMS	5/24/2007	21:24
Lead	208	49.2	300	49.2	U	100	ICPMS	5/24/2007	21:24
Magnesium	**24**	**643**	**5000**	**863000**	**N**	**100**	**ICPMS**	**5/24/2007**	**21:24**
Manganese	**55**	**34.2**	**200**	**1470**		**100**	**ICPMS**	**5/24/2007**	**21:24**
Molybdenum	97	50.0	500	50.0	U	100	ICPMS	5/24/2007	21:24
Nickel	60	51.7	500	51.7	U	100	ICPMS	5/24/2007	21:24
Platinum	194	10.0	100	10.0	U	100	ICPMS	5/24/2007	21:24
Potassium	**39**	**1000**	**10000**	**19900**		**100**	**ICPMS**	**5/24/2007**	**21:24**
Selenium	82	100	500	100	U	100	ICPMS	5/24/2007	21:24
Silver	107	20.3	200	20.3	U	100	ICPMS	5/24/2007	21:24
Sodium	**23**	**1100**	**5000**	**1770000**	**N***	**100**	**ICPMS**	**5/24/2007**	**21:24**
Strontium	**88**	**52.7**	**500**	**23400**	**N***	**100**	**ICPMS**	**5/24/2007**	**21:24**
Thallium	205	32.0	200	32.0	U	100	ICPMS	5/24/2007	21:24
Tin	118	20.0	200	20.0	U	100	ICPMS	5/24/2007	21:24
Titanium	47	39.1	200	39.1	U	100	ICPMS	5/24/2007	21:24
Tungsten	182	50.0	500	50.0	U	100	ICPMS	5/24/2007	21:24
Uranium	**238**	**21.0**	**100**	**47.8**	**B**	**100**	**ICPMS**	**5/24/2007**	**21:24**
Vanadium	51	160	1000	160	U	100	ICPMS	5/25/2007	17:36
Zinc	66	100	1000	100	U	100	ICPMS	5/25/2007	17:36

Comments: Lot #: F7E110218 Sample #: 4

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRG8 **Client ID:** M5A-F

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	786	2500	786	U	100	ICPMS	5/24/2007	21:30
Antimony	123	50.0	100	50.0	U	100	ICPMS	5/24/2007	21:30
Arsenic	**75**	**200**	**500**	**228**	**B**	**100**	**ICPMS**	**5/24/2007**	**21:30**
Barium	**135**	**24.7**	**200**	**42.6**	**B**	**100**	**ICPMS**	**5/24/2007**	**21:30**
Beryllium	9	8.8	50.0	8.8	U	100	ICPMS	5/24/2007	21:30
Boron	**10**	**666**	**5000**	**2070**	**BN**	**100**	**ICPMS**	**5/24/2007**	**21:30**
Cadmium	111	5.7	50.0	5.7	U	100	ICPMS	5/24/2007	21:30
Calcium	**44**	**2100**	**10000**	**755000**	**N**	**100**	**ICPMS**	**5/24/2007**	**21:30**
Chromium	52	280	1000	280	UN	100	ICPMS	5/24/2007	21:30
Cobalt	59	31.3	200	31.3	U	100	ICPMS	5/24/2007	21:30
Copper	65	25.0	100	25.0	U	100	ICPMS	5/24/2007	21:30
Iron	57	940	2000	940	UN*	100	ICPMS	5/24/2007	21:30
Lead	208	49.2	300	49.2	U	100	ICPMS	5/24/2007	21:30
Magnesium	**24**	**643**	**5000**	**861000**	**N**	**100**	**ICPMS**	**5/24/2007**	**21:30**
Manganese	**55**	**34.2**	**200**	**1480**		**100**	**ICPMS**	**5/24/2007**	**21:30**
Molybdenum	97	50.0	500	50.0	U	100	ICPMS	5/24/2007	21:30
Nickel	60	51.7	500	51.7	U	100	ICPMS	5/24/2007	21:30
Platinum	194	10.0	100	10.0	U	100	ICPMS	5/24/2007	21:30
Potassium	**39**	**1000**	**10000**	**20200**		**100**	**ICPMS**	**5/24/2007**	**21:30**
Selenium	82	100	500	100	U	100	ICPMS	5/24/2007	21:30
Silver	107	20.3	200	20.3	U	100	ICPMS	5/24/2007	21:30
Sodium	**23**	**1100**	**5000**	**1780000**	**N***	**100**	**ICPMS**	**5/24/2007**	**21:30**
Strontium	**88**	**52.7**	**500**	**23300**	**N***	**100**	**ICPMS**	**5/24/2007**	**21:30**
Thallium	205	32.0	200	32.0	U	100	ICPMS	5/24/2007	21:30
Tin	118	20.0	200	20.0	U	100	ICPMS	5/24/2007	21:30
Titanium	47	39.1	200	39.1	U	100	ICPMS	5/24/2007	21:30
Tungsten	182	50.0	500	50.0	U	100	ICPMS	5/24/2007	21:30
Uranium	**238**	**21.0**	**100**	**45.3**	**B**	**100**	**ICPMS**	**5/24/2007**	**21:30**
Vanadium	51	160	1000	160	U	100	ICPMS	5/25/2007	17:40
Zinc	66	100	1000	100	U	100	ICPMS	5/25/2007	17:40

Comments: Lot #: F7E110218 Sample #: 5

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRHC **Client ID:** M5A-Z

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	786	2500	786	U	100	ICPMS	5/24/2007	21:36
Antimony	123	50.0	100	50.0	U	100	ICPMS	5/24/2007	21:36
Arsenic	**75**	**200**	**500**	**261**	**B**	**100**	**ICPMS**	**5/24/2007**	**21:36**
Barium	**135**	**24.7**	**200**	**44.3**	**B**	**100**	**ICPMS**	**5/24/2007**	**21:36**
Beryllium	9	8.8	50.0	8.8	U	100	ICPMS	5/24/2007	21:36
Boron	**10**	**666**	**5000**	**2220**	**BN**	**100**	**ICPMS**	**5/24/2007**	**21:36**
Cadmium	111	5.7	50.0	5.7	U	100	ICPMS	5/24/2007	21:36
Calcium	**44**	**2100**	**10000**	**782000**	**N**	**100**	**ICPMS**	**5/24/2007**	**21:36**
Chromium	52	280	1000	280	UN	100	ICPMS	5/24/2007	21:36
Cobalt	59	31.3	200	31.3	U	100	ICPMS	5/24/2007	21:36
Copper	65	25.0	100	25.0	U	100	ICPMS	5/24/2007	21:36
Iron	57	940	2000	940	UN*	100	ICPMS	5/24/2007	21:36
Lead	208	49.2	300	49.2	U	100	ICPMS	5/24/2007	21:36
Magnesium	**24**	**643**	**5000**	**905000**	**N**	**100**	**ICPMS**	**5/24/2007**	**21:36**
Manganese	**55**	**34.2**	**200**	**1540**		**100**	**ICPMS**	**5/24/2007**	**21:36**
Molybdenum	97	50.0	500	50.0	U	100	ICPMS	5/24/2007	21:36
Nickel	60	51.7	500	51.7	U	100	ICPMS	5/24/2007	21:36
Platinum	194	10.0	100	10.0	U	100	ICPMS	5/24/2007	21:36
Potassium	**39**	**1000**	**10000**	**21100**		**100**	**ICPMS**	**5/24/2007**	**21:36**
Selenium	82	100	500	100	U	100	ICPMS	5/24/2007	21:36
Silver	107	20.3	200	20.3	U	100	ICPMS	5/24/2007	21:36
Sodium	**23**	**1100**	**5000**	**1860000**	**N***	**100**	**ICPMS**	**5/24/2007**	**21:36**
Strontium	**88**	**52.7**	**500**	**23900**	**N***	**100**	**ICPMS**	**5/24/2007**	**21:36**
Thallium	205	32.0	200	32.0	U	100	ICPMS	5/24/2007	21:36
Tin	118	20.0	200	20.0	U	100	ICPMS	5/24/2007	21:36
Titanium	47	39.1	200	39.1	U	100	ICPMS	5/24/2007	21:36
Tungsten	182	50.0	500	50.0	U	100	ICPMS	5/24/2007	21:36
Uranium	**238**	**21.0**	**100**	**46.4**	**B**	**100**	**ICPMS**	**5/24/2007**	**21:36**
Vanadium	51	160	1000	160	U	100	ICPMS	5/25/2007	17:44
Zinc	66	100	1000	100	U	100	ICPMS	5/25/2007	17:44

Comments: Lot #: F7E110218 Sample #: 6

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRHD **Client ID:** M39-L

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	393	1250	393	U	50	ICPMS	5/24/2007	21:42
Antimony	123	25.0	50.0	25.0	U	50	ICPMS	5/24/2007	21:42
Arsenic	**75**	**100**	**250**	**103**	**B**	**50**	**ICPMS**	**5/24/2007**	**21:42**
Barium	**135**	**12.4**	**100**	**18.0**	**B**	**50**	**ICPMS**	**5/24/2007**	**21:42**
Beryllium	9	4.4	25.0	4.4	U	50	ICPMS	5/24/2007	21:42
Boron	**10**	**333**	**2500**	**10500**	**N**	**50**	**ICPMS**	**5/24/2007**	**21:42**
Cadmium	111	2.9	25.0	2.9	U	50	ICPMS	5/24/2007	21:42
Calcium	**44**	**1050**	**5000**	**623000**	**N**	**50**	**ICPMS**	**5/24/2007**	**21:42**
Chromium	**52**	**140**	**500**	**4700**	**N**	**50**	**ICPMS**	**5/24/2007**	**21:42**
Cobalt	59	15.7	100	15.7	U	50	ICPMS	5/24/2007	21:42
Copper	65	12.5	50.0	12.5	U	50	ICPMS	5/24/2007	21:42
Iron	57	470	1000	470	UN*	50	ICPMS	5/24/2007	21:42
Lead	208	24.6	150	24.6	U	50	ICPMS	5/24/2007	21:42
Magnesium	**24**	**321**	**2500**	**401000**	**N**	**50**	**ICPMS**	**5/24/2007**	**21:42**
Manganese	55	17.1	100	17.1	U	50	ICPMS	5/24/2007	21:42
Molybdenum	97	25.0	250	25.0	U	50	ICPMS	5/24/2007	21:42
Nickel	60	25.8	250	25.8	U	50	ICPMS	5/24/2007	21:42
Platinum	194	5.0	50.0	5.0	U	50	ICPMS	5/24/2007	21:42
Potassium	**39**	**500**	**5000**	**24500**		**50**	**ICPMS**	**5/24/2007**	**21:42**
Selenium	82	50.0	250	50.0	U	50	ICPMS	5/24/2007	21:42
Silver	107	10.1	100	10.1	U	50	ICPMS	5/24/2007	21:42
Sodium	**23**	**550**	**2500**	**861000**	**N***	**50**	**ICPMS**	**5/24/2007**	**21:42**
Strontium	**88**	**26.4**	**250**	**14700**	**N***	**50**	**ICPMS**	**5/24/2007**	**21:42**
Thallium	205	16.0	100	16.0	U	50	ICPMS	5/24/2007	21:42
Tin	118	10.0	100	10.0	U	50	ICPMS	5/24/2007	21:42
Titanium	47	19.6	100	19.6	U	50	ICPMS	5/24/2007	21:42
Tungsten	182	25.0	250	25.0	U	50	ICPMS	5/24/2007	21:42
Uranium	**238**	**10.5**	**50.0**	**104**		**50**	**ICPMS**	**5/24/2007**	**21:42**
Vanadium	51	80.0	500	80.0	U	50	ICPMS	5/25/2007	17:49
Zinc	66	50.0	500	50.0	U	50	ICPMS	5/25/2007	17:49

Comments: Lot #: F7E110218 Sample #: 7

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRHH **Client ID:** M39-LD

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	393	1250	393	U	50	ICPMS	5/24/2007	21:48
Antimony	123	25.0	50.0	25.0	U	50	ICPMS	5/24/2007	21:48
Arsenic	**75**	**100**	**250**	**122**	**B**	**50**	**ICPMS**	**5/24/2007**	**21:48**
Barium	**135**	**12.4**	**100**	**17.6**	**B**	**50**	**ICPMS**	**5/24/2007**	**21:48**
Beryllium	9	4.4	25.0	4.4	U	50	ICPMS	5/24/2007	21:48
Boron	**10**	**333**	**2500**	**10600**	**N**	**50**	**ICPMS**	**5/24/2007**	**21:48**
Cadmium	111	2.9	25.0	2.9	U	50	ICPMS	5/24/2007	21:48
Calcium	**44**	**1050**	**5000**	**616000**	**N**	**50**	**ICPMS**	**5/24/2007**	**21:48**
Chromium	**52**	**140**	**500**	**4650**	**N**	**50**	**ICPMS**	**5/24/2007**	**21:48**
Cobalt	59	15.7	100	15.7	U	50	ICPMS	5/24/2007	21:48
Copper	65	12.5	50.0	12.5	U	50	ICPMS	5/24/2007	21:48
Iron	57	470	1000	470	UN*	50	ICPMS	5/24/2007	21:48
Lead	208	24.6	150	24.6	U	50	ICPMS	5/24/2007	21:48
Magnesium	**24**	**321**	**2500**	**399000**	**N**	**50**	**ICPMS**	**5/24/2007**	**21:48**
Manganese	**55**	**17.1**	**100**	**17.9**	**B**	**50**	**ICPMS**	**5/24/2007**	**21:48**
Molybdenum	97	25.0	250	25.0	U	50	ICPMS	5/24/2007	21:48
Nickel	60	25.8	250	25.8	U	50	ICPMS	5/24/2007	21:48
Platinum	194	5.0	50.0	5.0	U	50	ICPMS	5/24/2007	21:48
Potassium	**39**	**500**	**5000**	**24500**		**50**	**ICPMS**	**5/24/2007**	**21:48**
Selenium	82	50.0	250	50.0	U	50	ICPMS	5/24/2007	21:48
Silver	107	10.1	100	10.1	U	50	ICPMS	5/24/2007	21:48
Sodium	**23**	**550**	**2500**	**856000**	**N***	**50**	**ICPMS**	**5/24/2007**	**21:48**
Strontium	**88**	**26.4**	**250**	**14400**	**N***	**50**	**ICPMS**	**5/24/2007**	**21:48**
Thallium	205	16.0	100	16.0	U	50	ICPMS	5/24/2007	21:48
Tin	118	10.0	100	10.0	U	50	ICPMS	5/24/2007	21:48
Titanium	47	19.6	100	19.6	U	50	ICPMS	5/24/2007	21:48
Tungsten	182	25.0	250	25.0	U	50	ICPMS	5/24/2007	21:48
Uranium	**238**	**10.5**	**50.0**	**101**		**50**	**ICPMS**	**5/24/2007**	**21:48**
Vanadium	51	80.0	500	80.0	U	50	ICPMS	5/25/2007	17:53
Zinc	66	50.0	500	50.0	U	50	ICPMS	5/25/2007	17:53

Comments: Lot #: F7E110218 Sample #: 8

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRHL **Client ID:** M39-F

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	393	1250	393	U	50	ICPMS	5/24/2007	21:54
Antimony	123	25.0	50.0	25.0	U	50	ICPMS	5/24/2007	21:54
Arsenic	**75**	**100**	**250**	**128**	**B**	**50**	**ICPMS**	**5/24/2007**	**21:54**
Barium	**135**	**12.4**	**100**	**17.1**	**B**	**50**	**ICPMS**	**5/24/2007**	**21:54**
Beryllium	9	4.4	25.0	4.4	U	50	ICPMS	5/24/2007	21:54
Boron	**10**	**333**	**2500**	**10400**	**N**	**50**	**ICPMS**	**5/24/2007**	**21:54**
Cadmium	111	2.9	25.0	2.9	U	50	ICPMS	5/24/2007	21:54
Calcium	**44**	**1050**	**5000**	**629000**	**N**	**50**	**ICPMS**	**5/24/2007**	**21:54**
Chromium	**52**	**140**	**500**	**4670**	**N**	**50**	**ICPMS**	**5/24/2007**	**21:54**
Cobalt	59	15.7	100	15.7	U	50	ICPMS	5/24/2007	21:54
Copper	65	12.5	50.0	12.5	U	50	ICPMS	5/24/2007	21:54
Iron	57	470	1000	470	UN*	50	ICPMS	5/24/2007	21:54
Lead	208	24.6	150	24.6	U	50	ICPMS	5/24/2007	21:54
Magnesium	**24**	**321**	**2500**	**403000**	**N**	**50**	**ICPMS**	**5/24/2007**	**21:54**
Manganese	55	17.1	100	17.1	U	50	ICPMS	5/24/2007	21:54
Molybdenum	97	25.0	250	25.0	U	50	ICPMS	5/24/2007	21:54
Nickel	60	25.8	250	25.8	U	50	ICPMS	5/24/2007	21:54
Platinum	194	5.0	50.0	5.0	U	50	ICPMS	5/24/2007	21:54
Potassium	**39**	**500**	**5000**	**24500**		**50**	**ICPMS**	**5/24/2007**	**21:54**
Selenium	82	50.0	250	50.0	U	50	ICPMS	5/24/2007	21:54
Silver	107	10.1	100	10.1	U	50	ICPMS	5/24/2007	21:54
Sodium	**23**	**550**	**2500**	**853000**	**N***	**50**	**ICPMS**	**5/24/2007**	**21:54**
Strontium	**88**	**26.4**	**250**	**14600**	**N***	**50**	**ICPMS**	**5/24/2007**	**21:54**
Thallium	205	16.0	100	16.0	U	50	ICPMS	5/24/2007	21:54
Tin	118	10.0	100	10.0	U	50	ICPMS	5/24/2007	21:54
Titanium	47	19.6	100	19.6	U	50	ICPMS	5/24/2007	21:54
Tungsten	182	25.0	250	25.0	U	50	ICPMS	5/24/2007	21:54
Uranium	**238**	**10.5**	**50.0**	**103**		**50**	**ICPMS**	**5/24/2007**	**21:54**
Vanadium	51	80.0	500	80.0	U	50	ICPMS	5/25/2007	17:57
Zinc	66	50.0	500	50.0	U	50	ICPMS	5/25/2007	17:57

Comments: Lot #: F7E110218 Sample #: 9

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRHR **Client ID:** M39-FD

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	393	1250	393	U	50	ICPMS	5/24/2007	22:00
Antimony	123	25.0	50.0	25.0	U	50	ICPMS	5/24/2007	22:00
Arsenic	**75**	**100**	**250**	**133**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:00**
Barium	**135**	**12.4**	**100**	**17.2**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:00**
Beryllium	9	4.4	25.0	4.4	U	50	ICPMS	5/24/2007	22:00
Boron	**10**	**333**	**2500**	**10500**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:00**
Cadmium	111	2.9	25.0	2.9	U	50	ICPMS	5/24/2007	22:00
Calcium	**44**	**1050**	**5000**	**623000**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:00**
Chromium	**52**	**140**	**500**	**4660**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:00**
Cobalt	59	15.7	100	15.7	U	50	ICPMS	5/24/2007	22:00
Copper	65	12.5	50.0	12.5	U	50	ICPMS	5/24/2007	22:00
Iron	57	470	1000	470	UN*	50	ICPMS	5/24/2007	22:00
Lead	208	24.6	150	24.6	U	50	ICPMS	5/24/2007	22:00
Magnesium	**24**	**321**	**2500**	**408000**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:00**
Manganese	55	17.1	100	17.1	U	50	ICPMS	5/24/2007	22:00
Molybdenum	97	25.0	250	25.0	U	50	ICPMS	5/24/2007	22:00
Nickel	60	25.8	250	25.8	U	50	ICPMS	5/24/2007	22:00
Platinum	194	5.0	50.0	5.0	U	50	ICPMS	5/24/2007	22:00
Potassium	**39**	**500**	**5000**	**24400**		**50**	**ICPMS**	**5/24/2007**	**22:00**
Selenium	82	50.0	250	50.0	U	50	ICPMS	5/24/2007	22:00
Silver	107	10.1	100	10.1	U	50	ICPMS	5/24/2007	22:00
Sodium	**23**	**550**	**2500**	**856000**	**N***	**50**	**ICPMS**	**5/24/2007**	**22:00**
Strontium	**88**	**26.4**	**250**	**14500**	**N***	**50**	**ICPMS**	**5/24/2007**	**22:00**
Thallium	205	16.0	100	16.0	U	50	ICPMS	5/24/2007	22:00
Tin	118	10.0	100	10.0	U	50	ICPMS	5/24/2007	22:00
Titanium	47	19.6	100	19.6	U	50	ICPMS	5/24/2007	22:00
Tungsten	182	25.0	250	25.0	U	50	ICPMS	5/24/2007	22:00
Uranium	**238**	**10.5**	**50.0**	**105**		**50**	**ICPMS**	**5/24/2007**	**22:00**
Vanadium	51	80.0	500	80.0	U	50	ICPMS	5/25/2007	18:02
Zinc	66	50.0	500	50.0	U	50	ICPMS	5/25/2007	18:02

Comments: Lot #: F7E110218 Sample #: 10

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRHW **Client ID:** M39-Z

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	393	1250	393	U	50	ICPMS	5/24/2007	22:06
Antimony	123	25.0	50.0	25.0	U	50	ICPMS	5/24/2007	22:06
Arsenic	**75**	**100**	**250**	**103**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:06**
Barium	**135**	**12.4**	**100**	**17.0**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:06**
Beryllium	9	4.4	25.0	4.4	U	50	ICPMS	5/24/2007	22:06
Boron	**10**	**333**	**2500**	**10800**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:06**
Cadmium	111	2.9	25.0	2.9	U	50	ICPMS	5/24/2007	22:06
Calcium	**44**	**1050**	**5000**	**620000**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:06**
Chromium	**52**	**140**	**500**	**4580**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:06**
Cobalt	59	15.7	100	15.7	U	50	ICPMS	5/24/2007	22:06
Copper	65	12.5	50.0	12.5	U	50	ICPMS	5/24/2007	22:06
Iron	57	470	1000	470	UN*	50	ICPMS	5/24/2007	22:06
Lead	208	24.6	150	24.6	U	50	ICPMS	5/24/2007	22:06
Magnesium	**24**	**321**	**2500**	**408000**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:06**
Manganese	55	17.1	100	17.1	U	50	ICPMS	5/24/2007	22:06
Molybdenum	97	25.0	250	25.0	U	50	ICPMS	5/24/2007	22:06
Nickel	60	25.8	250	25.8	U	50	ICPMS	5/24/2007	22:06
Platinum	194	5.0	50.0	5.0	U	50	ICPMS	5/24/2007	22:06
Potassium	**39**	**500**	**5000**	**24200**		**50**	**ICPMS**	**5/24/2007**	**22:06**
Selenium	82	50.0	250	50.0	U	50	ICPMS	5/24/2007	22:06
Silver	107	10.1	100	10.1	U	50	ICPMS	5/24/2007	22:06
Sodium	**23**	**550**	**2500**	**864000**	**N***	**50**	**ICPMS**	**5/24/2007**	**22:06**
Strontium	**88**	**26.4**	**250**	**14500**	**N***	**50**	**ICPMS**	**5/24/2007**	**22:06**
Thallium	205	16.0	100	16.0	U	50	ICPMS	5/24/2007	22:06
Tin	118	10.0	100	10.0	U	50	ICPMS	5/24/2007	22:06
Titanium	47	19.6	100	19.6	U	50	ICPMS	5/24/2007	22:06
Tungsten	182	25.0	250	25.0	U	50	ICPMS	5/24/2007	22:06
Uranium	**238**	**10.5**	**50.0**	**106**		**50**	**ICPMS**	**5/24/2007**	**22:06**
Vanadium	51	80.0	500	80.0	U	50	ICPMS	5/25/2007	18:06
Zinc	66	50.0	500	50.0	U	50	ICPMS	5/25/2007	18:06

Comments: Lot #: F7E110218 Sample #: 11

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRHX **Client ID:** M39-ZD

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	393	1250	393	U	50	ICPMS	5/24/2007	22:12
Antimony	123	25.0	50.0	25.0	U	50	ICPMS	5/24/2007	22:12
Arsenic	75	100	250	100	U	50	ICPMS	5/24/2007	22:12
Barium	**135**	**12.4**	**100**	**17.6**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:12**
Beryllium	9	4.4	25.0	4.4	U	50	ICPMS	5/24/2007	22:12
Boron	**10**	**333**	**2500**	**10900**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:12**
Cadmium	111	2.9	25.0	2.9	U	50	ICPMS	5/24/2007	22:12
Calcium	**44**	**1050**	**5000**	**633000**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:12**
Chromium	**52**	**140**	**500**	**4700**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:12**
Cobalt	59	15.7	100	15.7	U	50	ICPMS	5/24/2007	22:12
Copper	65	12.5	50.0	12.5	U	50	ICPMS	5/24/2007	22:12
Iron	57	470	1000	470	UN*	50	ICPMS	5/24/2007	22:12
Lead	208	24.6	150	24.6	U	50	ICPMS	5/24/2007	22:12
Magnesium	**24**	**321**	**2500**	**414000**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:12**
Manganese	55	17.1	100	17.1	U	50	ICPMS	5/24/2007	22:12
Molybdenum	97	25.0	250	25.0	U	50	ICPMS	5/24/2007	22:12
Nickel	60	25.8	250	25.8	U	50	ICPMS	5/24/2007	22:12
Platinum	194	5.0	50.0	5.0	U	50	ICPMS	5/24/2007	22:12
Potassium	**39**	**500**	**5000**	**24700**		**50**	**ICPMS**	**5/24/2007**	**22:12**
Selenium	82	50.0	250	50.0	U	50	ICPMS	5/24/2007	22:12
Silver	107	10.1	100	10.1	U	50	ICPMS	5/24/2007	22:12
Sodium	**23**	**550**	**2500**	**866000**	**N***	**50**	**ICPMS**	**5/24/2007**	**22:12**
Strontium	**88**	**26.4**	**250**	**14700**	**N***	**50**	**ICPMS**	**5/24/2007**	**22:12**
Thallium	205	16.0	100	16.0	U	50	ICPMS	5/24/2007	22:12
Tin	118	10.0	100	10.0	U	50	ICPMS	5/24/2007	22:12
Titanium	47	19.6	100	19.6	U	50	ICPMS	5/24/2007	22:12
Tungsten	182	25.0	250	25.0	U	50	ICPMS	5/24/2007	22:12
Uranium	**238**	**10.5**	**50.0**	**106**		**50**	**ICPMS**	**5/24/2007**	**22:12**
Vanadium	51	80.0	500	80.0	U	50	ICPMS	5/25/2007	18:10
Zinc	66	50.0	500	50.0	U	50	ICPMS	5/25/2007	18:10

Comments: Lot #: F7E110218 Sample #: 12

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRH0 **Client ID:** M95-L

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	393	1250	393	U	50	ICPMS	5/24/2007	22:18
Antimony	123	25.0	50.0	25.0	U	50	ICPMS	5/24/2007	22:18
Arsenic	**75**	**100**	**250**	**169**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:18**
Barium	135	12.4	100	12.4	U	50	ICPMS	5/24/2007	22:18
Beryllium	9	4.4	25.0	4.4	U	50	ICPMS	5/24/2007	22:18
Boron	**10**	**333**	**2500**	**9590**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:18**
Cadmium	111	2.9	25.0	2.9	U	50	ICPMS	5/24/2007	22:18
Calcium	**44**	**1050**	**5000**	**575000**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:18**
Chromium	**52**	**140**	**500**	**1520**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:18**
Cobalt	59	15.7	100	15.7	U	50	ICPMS	5/24/2007	22:18
Copper	65	12.5	50.0	12.5	U	50	ICPMS	5/24/2007	22:18
Iron	57	470	1000	470	UN*	50	ICPMS	5/24/2007	22:18
Lead	208	24.6	150	24.6	U	50	ICPMS	5/24/2007	22:18
Magnesium	**24**	**321**	**2500**	**199000**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:18**
Manganese	**55**	**17.1**	**100**	**31.6**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:18**
Molybdenum	**97**	**25.0**	**250**	**37.7**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:18**
Nickel	60	25.8	250	25.8	U	50	ICPMS	5/24/2007	22:18
Platinum	194	5.0	50.0	5.0	U	50	ICPMS	5/24/2007	22:18
Potassium	**39**	**500**	**5000**	**14900**		**50**	**ICPMS**	**5/24/2007**	**22:18**
Selenium	82	50.0	250	50.0	U	50	ICPMS	5/24/2007	22:18
Silver	107	10.1	100	10.1	U	50	ICPMS	5/24/2007	22:18
Sodium	**23**	**550**	**2500**	**1260000**	**N***	**50**	**ICPMS**	**5/24/2007**	**22:18**
Strontium	**88**	**26.4**	**250**	**12600**	**N***	**50**	**ICPMS**	**5/24/2007**	**22:18**
Thallium	205	16.0	100	16.0	U	50	ICPMS	5/24/2007	22:18
Tin	118	10.0	100	10.0	U	50	ICPMS	5/24/2007	22:18
Titanium	47	19.6	100	19.6	U	50	ICPMS	5/24/2007	22:18
Tungsten	182	25.0	250	25.0	U	50	ICPMS	5/24/2007	22:18
Uranium	**238**	**10.5**	**50.0**	**61.1**		**50**	**ICPMS**	**5/24/2007**	**22:18**
Vanadium	51	80.0	500	80.0	U	50	ICPMS	5/25/2007	18:15
Zinc	66	50.0	500	50.0	U	50	ICPMS	5/25/2007	18:15

Comments: Lot #: F7E110218 Sample #: 13

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRH1 **Client ID:** M95-LD

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	393	1250	393	U	50	ICPMS	5/24/2007	22:37
Antimony	123	25.0	50.0	25.0	U	50	ICPMS	5/24/2007	22:37
Arsenic	**75**	**100**	**250**	**231**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:37**
Barium	**135**	**12.4**	**100**	**12.7**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:37**
Beryllium	9	4.4	25.0	4.4	U	50	ICPMS	5/24/2007	22:37
Boron	**10**	**333**	**2500**	**9480**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:37**
Cadmium	111	2.9	25.0	2.9	U	50	ICPMS	5/24/2007	22:37
Calcium	**44**	**1050**	**5000**	**598000**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:37**
Chromium	**52**	**140**	**500**	**1540**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:37**
Cobalt	59	15.7	100	15.7	U	50	ICPMS	5/24/2007	22:37
Copper	65	12.5	50.0	12.5	U	50	ICPMS	5/24/2007	22:37
Iron	57	470	1000	470	UN*	50	ICPMS	5/24/2007	22:37
Lead	208	24.6	150	24.6	U	50	ICPMS	5/24/2007	22:37
Magnesium	**24**	**321**	**2500**	**205000**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:37**
Manganese	**55**	**17.1**	**100**	**31.9**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:37**
Molybdenum	**97**	**25.0**	**250**	**40.5**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:37**
Nickel	60	25.8	250	25.8	U	50	ICPMS	5/24/2007	22:37
Platinum	194	5.0	50.0	5.0	U	50	ICPMS	5/24/2007	22:37
Potassium	**39**	**500**	**5000**	**14900**		**50**	**ICPMS**	**5/24/2007**	**22:37**
Selenium	82	50.0	250	50.0	U	50	ICPMS	5/24/2007	22:37
Silver	107	10.1	100	10.1	U	50	ICPMS	5/24/2007	22:37
Sodium	**23**	**550**	**2500**	**1280000**	**N***	**50**	**ICPMS**	**5/24/2007**	**22:37**
Strontium	**88**	**26.4**	**250**	**13100**	**N***	**50**	**ICPMS**	**5/24/2007**	**22:37**
Thallium	205	16.0	100	16.0	U	50	ICPMS	5/24/2007	22:37
Tin	118	10.0	100	10.0	U	50	ICPMS	5/24/2007	22:37
Titanium	47	19.6	100	19.6	U	50	ICPMS	5/24/2007	22:37
Tungsten	182	25.0	250	25.0	U	50	ICPMS	5/24/2007	22:37
Uranium	**238**	**10.5**	**50.0**	**64.8**		**50**	**ICPMS**	**5/24/2007**	**22:37**
Vanadium	51	80.0	500	80.0	U	50	ICPMS	5/25/2007	18:29
Zinc	66	50.0	500	50.0	U	50	ICPMS	5/25/2007	18:29

Comments: Lot #: F7E110218 Sample #: 14

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRH2 **Client ID:** M95-F

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	393	1250	393	U	50	ICPMS	5/24/2007	22:44
Antimony	123	25.0	50.0	25.0	U	50	ICPMS	5/24/2007	22:44
Arsenic	**75**	**100**	**250**	**223**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:44**
Barium	135	12.4	100	12.4	U	50	ICPMS	5/24/2007	22:44
Beryllium	9	4.4	25.0	4.4	U	50	ICPMS	5/24/2007	22:44
Boron	**10**	**333**	**2500**	**9470**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:44**
Cadmium	111	2.9	25.0	2.9	U	50	ICPMS	5/24/2007	22:44
Calcium	**44**	**1050**	**5000**	**595000**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:44**
Chromium	**52**	**140**	**500**	**1570**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:44**
Cobalt	59	15.7	100	15.7	U	50	ICPMS	5/24/2007	22:44
Copper	65	12.5	50.0	12.5	U	50	ICPMS	5/24/2007	22:44
Iron	57	470	1000	470	UN*	50	ICPMS	5/24/2007	22:44
Lead	208	24.6	150	24.6	U	50	ICPMS	5/24/2007	22:44
Magnesium	**24**	**321**	**2500**	**204000**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:44**
Manganese	**55**	**17.1**	**100**	**27.6**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:44**
Molybdenum	**97**	**25.0**	**250**	**39.4**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:44**
Nickel	60	25.8	250	25.8	U	50	ICPMS	5/24/2007	22:44
Platinum	194	5.0	50.0	5.0	U	50	ICPMS	5/24/2007	22:44
Potassium	**39**	**500**	**5000**	**15200**		**50**	**ICPMS**	**5/24/2007**	**22:44**
Selenium	82	50.0	250	50.0	U	50	ICPMS	5/24/2007	22:44
Silver	107	10.1	100	10.1	U	50	ICPMS	5/24/2007	22:44
Sodium	**23**	**550**	**2500**	**1290000**	**N***	**50**	**ICPMS**	**5/24/2007**	**22:44**
Strontium	**88**	**26.4**	**250**	**12900**	**N***	**50**	**ICPMS**	**5/24/2007**	**22:44**
Thallium	205	16.0	100	16.0	U	50	ICPMS	5/24/2007	22:44
Tin	118	10.0	100	10.0	U	50	ICPMS	5/24/2007	22:44
Titanium	47	19.6	100	19.6	U	50	ICPMS	5/24/2007	22:44
Tungsten	182	25.0	250	25.0	U	50	ICPMS	5/24/2007	22:44
Uranium	**238**	**10.5**	**50.0**	**63.6**		**50**	**ICPMS**	**5/24/2007**	**22:44**
Vanadium	51	80.0	500	80.0	U	50	ICPMS	5/25/2007	18:33
Zinc	66	50.0	500	50.0	U	50	ICPMS	5/25/2007	18:33

Comments: Lot #: F7E110218 Sample #: 15

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRH3 **Client ID:** M95-FD

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	393	1250	393	U	50	ICPMS	5/24/2007	22:50
Antimony	123	25.0	50.0	25.0	U	50	ICPMS	5/24/2007	22:50
Arsenic	**75**	**100**	**250**	**213**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:50**
Barium	135	12.4	100	12.4	U	50	ICPMS	5/24/2007	22:50
Beryllium	9	4.4	25.0	4.4	U	50	ICPMS	5/24/2007	22:50
Boron	**10**	**333**	**2500**	**9890**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:50**
Cadmium	111	2.9	25.0	2.9	U	50	ICPMS	5/24/2007	22:50
Calcium	**44**	**1050**	**5000**	**626000**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:50**
Chromium	**52**	**140**	**500**	**1660**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:50**
Cobalt	59	15.7	100	15.7	U	50	ICPMS	5/24/2007	22:50
Copper	65	12.5	50.0	12.5	U	50	ICPMS	5/24/2007	22:50
Iron	57	470	1000	470	UN*	50	ICPMS	5/24/2007	22:50
Lead	208	24.6	150	24.6	U	50	ICPMS	5/24/2007	22:50
Magnesium	**24**	**321**	**2500**	**216000**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:50**
Manganese	**55**	**17.1**	**100**	**31.0**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:50**
Molybdenum	**97**	**25.0**	**250**	**40.5**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:50**
Nickel	60	25.8	250	25.8	U	50	ICPMS	5/24/2007	22:50
Platinum	194	5.0	50.0	5.0	U	50	ICPMS	5/24/2007	22:50
Potassium	**39**	**500**	**5000**	**15700**		**50**	**ICPMS**	**5/24/2007**	**22:50**
Selenium	82	50.0	250	50.0	U	50	ICPMS	5/24/2007	22:50
Silver	107	10.1	100	10.1	U	50	ICPMS	5/24/2007	22:50
Sodium	**23**	**550**	**2500**	**1330000**	**N***	**50**	**ICPMS**	**5/24/2007**	**22:50**
Strontium	**88**	**26.4**	**250**	**14000**	**N***	**50**	**ICPMS**	**5/24/2007**	**22:50**
Thallium	205	16.0	100	16.0	U	50	ICPMS	5/24/2007	22:50
Tin	118	10.0	100	10.0	U	50	ICPMS	5/24/2007	22:50
Titanium	47	19.6	100	19.6	U	50	ICPMS	5/24/2007	22:50
Tungsten	182	25.0	250	25.0	U	50	ICPMS	5/24/2007	22:50
Uranium	**238**	**10.5**	**50.0**	**67.9**		**50**	**ICPMS**	**5/24/2007**	**22:50**
Vanadium	51	80.0	500	80.0	U	50	ICPMS	5/25/2007	18:38
Zinc	66	50.0	500	50.0	U	50	ICPMS	5/25/2007	18:38

Comments: Lot #: F7E110218 Sample #: 16

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRH5 **Client ID:** M95-Z

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	393	1250	393	U	50	ICPMS	5/24/2007	22:56
Antimony	123	25.0	50.0	25.0	U	50	ICPMS	5/24/2007	22:56
Arsenic	**75**	**100**	**250**	**227**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:56**
Barium	135	12.4	100	12.4	U	50	ICPMS	5/24/2007	22:56
Beryllium	9	4.4	25.0	4.4	U	50	ICPMS	5/24/2007	22:56
Boron	**10**	**333**	**2500**	**9350**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:56**
Cadmium	111	2.9	25.0	2.9	U	50	ICPMS	5/24/2007	22:56
Calcium	**44**	**1050**	**5000**	**582000**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:56**
Chromium	**52**	**140**	**500**	**1550**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:56**
Cobalt	59	15.7	100	15.7	U	50	ICPMS	5/24/2007	22:56
Copper	65	12.5	50.0	12.5	U	50	ICPMS	5/24/2007	22:56
Iron	57	470	1000	470	UN*	50	ICPMS	5/24/2007	22:56
Lead	208	24.6	150	24.6	U	50	ICPMS	5/24/2007	22:56
Magnesium	**24**	**321**	**2500**	**202000**	**N**	**50**	**ICPMS**	**5/24/2007**	**22:56**
Manganese	**55**	**17.1**	**100**	**27.5**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:56**
Molybdenum	**97**	**25.0**	**250**	**38.7**	**B**	**50**	**ICPMS**	**5/24/2007**	**22:56**
Nickel	60	25.8	250	25.8	U	50	ICPMS	5/24/2007	22:56
Platinum	194	5.0	50.0	5.0	U	50	ICPMS	5/24/2007	22:56
Potassium	**39**	**500**	**5000**	**15100**		**50**	**ICPMS**	**5/24/2007**	**22:56**
Selenium	82	50.0	250	50.0	U	50	ICPMS	5/24/2007	22:56
Silver	107	10.1	100	10.1	U	50	ICPMS	5/24/2007	22:56
Sodium	**23**	**550**	**2500**	**1270000**	**N***	**50**	**ICPMS**	**5/24/2007**	**22:56**
Strontium	**88**	**26.4**	**250**	**12900**	**N***	**50**	**ICPMS**	**5/24/2007**	**22:56**
Thallium	205	16.0	100	16.0	U	50	ICPMS	5/24/2007	22:56
Tin	118	10.0	100	10.0	U	50	ICPMS	5/24/2007	22:56
Titanium	47	19.6	100	19.6	U	50	ICPMS	5/24/2007	22:56
Tungsten	182	25.0	250	25.0	U	50	ICPMS	5/24/2007	22:56
Uranium	**238**	**10.5**	**50.0**	**63.8**		**50**	**ICPMS**	**5/24/2007**	**22:56**
Vanadium	51	80.0	500	80.0	U	50	ICPMS	5/25/2007	18:42
Zinc	66	50.0	500	50.0	U	50	ICPMS	5/25/2007	18:42

Comments: Lot #: F7E110218 Sample #: 17

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRH6 **Client ID:** M95-ZD

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	393	1250	393	U	50	ICPMS	5/24/2007	23:02
Antimony	123	25.0	50.0	25.0	U	50	ICPMS	5/24/2007	23:02
Arsenic	**75**	**100**	**250**	**206**	**B**	**50**	**ICPMS**	**5/24/2007**	**23:02**
Barium	**135**	**12.4**	**100**	**13.4**	**B**	**50**	**ICPMS**	**5/24/2007**	**23:02**
Beryllium	9	4.4	25.0	4.4	U	50	ICPMS	5/24/2007	23:02
Boron	**10**	**333**	**2500**	**9670**	**N**	**50**	**ICPMS**	**5/24/2007**	**23:02**
Cadmium	111	2.9	25.0	2.9	U	50	ICPMS	5/24/2007	23:02
Calcium	**44**	**1050**	**5000**	**616000**	**N**	**50**	**ICPMS**	**5/24/2007**	**23:02**
Chromium	**52**	**140**	**500**	**1640**	**N**	**50**	**ICPMS**	**5/24/2007**	**23:02**
Cobalt	59	15.7	100	15.7	U	50	ICPMS	5/24/2007	23:02
Copper	65	12.5	50.0	12.5	U	50	ICPMS	5/24/2007	23:02
Iron	57	470	1000	470	UN*	50	ICPMS	5/24/2007	23:02
Lead	208	24.6	150	24.6	U	50	ICPMS	5/24/2007	23:02
Magnesium	**24**	**321**	**2500**	**213000**	**N**	**50**	**ICPMS**	**5/24/2007**	**23:02**
Manganese	**55**	**17.1**	**100**	**31.9**	**B**	**50**	**ICPMS**	**5/24/2007**	**23:02**
Molybdenum	**97**	**25.0**	**250**	**40.0**	**B**	**50**	**ICPMS**	**5/24/2007**	**23:02**
Nickel	60	25.8	250	25.8	U	50	ICPMS	5/24/2007	23:02
Platinum	194	5.0	50.0	5.0	U	50	ICPMS	5/24/2007	23:02
Potassium	**39**	**500**	**5000**	**15700**		**50**	**ICPMS**	**5/24/2007**	**23:02**
Selenium	82	50.0	250	50.0	U	50	ICPMS	5/24/2007	23:02
Silver	107	10.1	100	10.1	U	50	ICPMS	5/24/2007	23:02
Sodium	**23**	**550**	**2500**	**1330000**	**N***	**50**	**ICPMS**	**5/24/2007**	**23:02**
Strontium	**88**	**26.4**	**250**	**13300**	**N***	**50**	**ICPMS**	**5/24/2007**	**23:02**
Thallium	205	16.0	100	16.0	U	50	ICPMS	5/24/2007	23:02
Tin	118	10.0	100	10.0	U	50	ICPMS	5/24/2007	23:02
Titanium	47	19.6	100	19.6	U	50	ICPMS	5/24/2007	23:02
Tungsten	182	25.0	250	25.0	U	50	ICPMS	5/24/2007	23:02
Uranium	**238**	**10.5**	**50.0**	**66.8**		**50**	**ICPMS**	**5/24/2007**	**23:02**
Vanadium	51	80.0	500	80.0	U	50	ICPMS	5/25/2007	18:47
Zinc	66	50.0	500	50.0	U	50	ICPMS	5/25/2007	18:47

Comments: Lot #: F7E110218 Sample #: 18

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRH8 **Client ID:** EB051007-Z

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	**27**	**7.9**	**25.0**	**40.0**		**1**	**ICPMS**	**5/24/2007**	**23:08**
Antimony	123	0.50	1.0	0.50	U	1	ICPMS	5/24/2007	23:08
Arsenic	75	2.0	5.0	2.0	U	1	ICPMS	5/24/2007	23:08
Barium	**135**	**0.25**	**2.0**	**1.9**	**B**	**1**	**ICPMS**	**5/24/2007**	**23:08**
Beryllium	9	0.088	0.50	0.088	U	1	ICPMS	5/24/2007	23:08
Boron	**10**	**6.7**	**50.0**	**7.3**	**BN**	**1**	**ICPMS**	**5/24/2007**	**23:08**
Cadmium	111	0.057	0.50	0.057	U	1	ICPMS	5/24/2007	23:08
Calcium	**44**	**21.0**	**100**	**379**	**N**	**1**	**ICPMS**	**5/24/2007**	**23:08**
Chromium	52	2.8	10.0	2.8	UN	1	ICPMS	5/24/2007	23:08
Cobalt	59	0.31	2.0	0.31	U	1	ICPMS	5/24/2007	23:08
Copper	**65**	**0.25**	**1.0**	**0.67**	**B**	**1**	**ICPMS**	**5/24/2007**	**23:08**
Iron	**57**	**9.4**	**20.0**	**30.1**	**N***	**1**	**ICPMS**	**5/24/2007**	**23:08**
Lead	**208**	**0.49**	**3.0**	**0.60**	**B**	**1**	**ICPMS**	**5/24/2007**	**23:08**
Magnesium	**24**	**6.4**	**50.0**	**106**	**N**	**1**	**ICPMS**	**5/24/2007**	**23:08**
Manganese	**55**	**0.34**	**2.0**	**24.7**		**1**	**ICPMS**	**5/24/2007**	**23:08**
Molybdenum	97	0.50	5.0	0.50	U	1	ICPMS	5/24/2007	23:08
Nickel	60	0.52	5.0	0.52	U	1	ICPMS	5/24/2007	23:08
Platinum	194	0.10	1.0	0.10	U	1	ICPMS	5/24/2007	23:08
Potassium	**39**	**10.0**	**100**	**87.4**	**B**	**1**	**ICPMS**	**5/24/2007**	**23:08**
Selenium	82	1.0	5.0	1.0	U	1	ICPMS	5/24/2007	23:08
Silver	107	0.20	2.0	0.20	U	1	ICPMS	5/24/2007	23:08
Sodium	**23**	**11.0**	**50.0**	**388**	**N***	**1**	**ICPMS**	**5/24/2007**	**23:08**
Strontium	**88**	**0.53**	**5.0**	**2.3**	**BN***	**1**	**ICPMS**	**5/24/2007**	**23:08**
Thallium	205	0.32	2.0	0.32	U	1	ICPMS	5/24/2007	23:08
Tin	118	0.20	2.0	0.20	U	1	ICPMS	5/24/2007	23:08
Titanium	**47**	**0.39**	**2.0**	**1.4**	**B**	**1**	**ICPMS**	**5/24/2007**	**23:08**
Tungsten	182	0.50	5.0	0.50	U	1	ICPMS	5/24/2007	23:08
Uranium	238	0.21	1.0	0.21	U	1	ICPMS	5/24/2007	23:08
Vanadium	51	1.6	10.0	1.6	U	1	ICPMS	5/25/2007	18:51
Zinc	**66**	**1.0**	**10.0**	**18.4**		**1**	**ICPMS**	**5/25/2007**	**18:51**

Comments: Lot #: F7E110218 Sample #: 19

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Sample Results

Lab Sample ID: JWRH9 **Client ID:** EB051007-F

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	7.9	25.0	7.9	U	1	ICPMS	5/24/2007	23:14
Antimony	123	0.50	1.0	0.50	U	1	ICPMS	5/24/2007	23:14
Arsenic	75	2.0	5.0	2.0	U	1	ICPMS	5/24/2007	23:14
Barium	**135**	**0.25**	**2.0**	**0.71**	**B**	**1**	**ICPMS**	**5/24/2007**	**23:14**
Beryllium	9	0.088	0.50	0.088	U	1	ICPMS	5/24/2007	23:14
Boron	10	6.7	50.0	6.7	UN	1	ICPMS	5/24/2007	23:14
Cadmium	111	0.057	0.50	0.057	U	1	ICPMS	5/24/2007	23:14
Calcium	**44**	**21.0**	**100**	**256**	**N**	**1**	**ICPMS**	**5/24/2007**	**23:14**
Chromium	52	2.8	10.0	2.8	UN	1	ICPMS	5/24/2007	23:14
Cobalt	59	0.31	2.0	0.31	U	1	ICPMS	5/24/2007	23:14
Copper	**65**	**0.25**	**1.0**	**0.38**	**B**	**1**	**ICPMS**	**5/24/2007**	**23:14**
Iron	57	9.4	20.0	9.4	UN*	1	ICPMS	5/24/2007	23:14
Lead	208	0.49	3.0	0.49	U	1	ICPMS	5/24/2007	23:14
Magnesium	**24**	**6.4**	**50.0**	**40.0**	**BN**	**1**	**ICPMS**	**5/24/2007**	**23:14**
Manganese	**55**	**0.34**	**2.0**	**4.8**		**1**	**ICPMS**	**5/24/2007**	**23:14**
Molybdenum	97	0.50	5.0	0.50	U	1	ICPMS	5/24/2007	23:14
Nickel	60	0.52	5.0	0.52	U	1	ICPMS	5/24/2007	23:14
Platinum	194	0.10	1.0	0.10	U	1	ICPMS	5/24/2007	23:14
Potassium	**39**	**10.0**	**100**	**66.1**	**B**	**1**	**ICPMS**	**5/24/2007**	**23:14**
Selenium	82	1.0	5.0	1.0	U	1	ICPMS	5/24/2007	23:14
Silver	107	0.20	2.0	0.20	U	1	ICPMS	5/24/2007	23:14
Sodium	**23**	**11.0**	**50.0**	**388**	**N***	**1**	**ICPMS**	**5/24/2007**	**23:14**
Strontium	**88**	**0.53**	**5.0**	**2.1**	**BN***	**1**	**ICPMS**	**5/24/2007**	**23:14**
Thallium	205	0.32	2.0	0.32	U	1	ICPMS	5/24/2007	23:14
Tin	118	0.20	2.0	0.20	U	1	ICPMS	5/24/2007	23:14
Titanium	47	0.39	2.0	0.39	U	1	ICPMS	5/24/2007	23:14
Tungsten	182	0.50	5.0	0.50	U	1	ICPMS	5/24/2007	23:14
Uranium	238	0.21	1.0	0.21	U	1	ICPMS	5/24/2007	23:14
Vanadium	51	1.6	10.0	1.6	U	1	ICPMS	5/25/2007	18:55
Zinc	**66**	**1.0**	**10.0**	**12.0**		**1**	**ICPMS**	**5/25/2007**	**18:55**

Comments: Lot #: F7E110218 Sample #: 20

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 1 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Initial Calibration Verification Standard

Instrument: CVAA **Units:** ug/L

Chart Number: AA0517E.PRN **Acceptable Range:** 90% - 110%

Standard Source: Leeman **Standard ID:** See Standards Log

Element	WL/ Mass	True Conc	ICV 5/17/2007 2:49 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	2.5	2.57	**102.8**								

STL-ST. LOUIS

Metals Data Reporting Form

Initial Calibration Verification Standard

Instrument: ICPMS **Units:** ug/L

Chart Number: 052407M3.REP **Acceptable Range:** 90% - 110%

Standard Source: INORGANIC VENTURES **Standard ID:** See Standards Log

Element	WL/ Mass	True Conc	ICV 5/24/2007 1:10 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Aluminum	27	2000.0	1953.81	**97.7**								
Antimony	123	200.0	187.79	**93.9**								
Arsenic	75	200.0	197.10	**98.6**								
Barium	135	200.0	184.77	**92.4**								
Beryllium	9	200.0	192.51	**96.3**								
Boron	10	200.0	186.58	**93.3**								
Cadmium	111	200.0	191.71	**95.9**								
Calcium	44	1000.0	1063.34	**106.3**								
Chromium	52	200.0	192.53	**96.3**								
Cobalt	59	200.0	190.25	**95.1**								
Copper	65	200.0	190.37	**95.2**								
Iron	57	2000.0	2105.34	**105.3**								
Lead	208	200.0	188.89	**94.4**								
Magnesium	24	1000.0	984.84	**98.5**								
Manganese	55	200.0	184.88	**92.4**								
Molybdenum	97	200.0	192.60	**96.3**								
Nickel	60	200.0	188.55	**94.3**								
Platinum	194	200.0	188.07	**94.0**								
Potassium	39	2000.0	1953.51	**97.7**								
Selenium	82	200.0	191.85	**95.9**								
Silver	107	50.0	48.90	**97.8**								
Sodium	23	2000.0	1924.66	**96.2**								
Strontium	88	200.0	189.89	**94.9**								
Thallium	205	200.0	182.04	**91.0**								
Tin	118	200.0	190.84	**95.4**								
Titanium	47	200.0	195.16	**97.6**								
Tungsten	182	200.0	188.47	**94.2**								
Uranium	238	200.0	194.03	**97.0**								

STL-ST. LOUIS

Metals Data Reporting Form

Initial Calibration Verification Standard

Instrument: ICPMS **Units:** ug/L

Chart Number: 052507M1.REP **Acceptable Range:** 90% - 110%

Standard Source: INORGANIC VENTURES **Standard ID:** See Standards Log

Element	WL/ Mass	True Conc	ICV 5/25/2007 11:25 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Barium	135	200.0	200.90	**100.4**								
Thallium	205	200.0	194.71	**97.4**								
Vanadium	51	200.0	202.52	**101.3**								
Zinc	66	200.0	202.01	**101.0**								

STL-ST. LOUIS

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: CVAA **Units:** ug/L

Chart Number: AA0517E.PRN **Acceptable Range:** 80% - 120%

Standard Source: Leeman **Standard ID:** See Standards Log

Element	WL/ Mass	True Conc	CCV 5/17/2007 2:56 PM Found	% Rec	CCV 5/17/2007 3:24 PM Found	% Rec	CCV 5/17/2007 3:53 PM Found	% Rec	CCV 5/17/2007 4:20 PM Found	% Rec	CCV 5/17/2007 4:47 PM Found	% Rec
Mercury	253.7	5.0	4.99	**99.8**	5.00	**100.0**	4.95	**99.0**	4.80	**96.0**	4.87	**97.4**

STL-ST. LOUIS

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: CVAA **Units:** ug/L

Chart Number: AA0517E.PRN **Acceptable Range:** 80% - 120%

Standard Source: Leeman **Standard ID:** See Standards Log

Element	WL/ Mass	True Conc	CCV 5/17/2007 5:01 PM Found	% Rec	CCV 5/17/2007 5:27 PM Found	% Rec	CCV 5/17/2007 5:54 PM Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	5.0	4.85	**97.0**	4.89	**97.8**	4.87	**97.4**				

STL-ST. LOUIS

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICPMS **Units:** ug/L

Chart Number: 052407M3.REP **Acceptable Range:** 90% - 110%

Standard Source: INORGANIC VENTURES **Standard ID:** See Standards Log

Element	WL/ Mass	True Conc	CCV 5/24/2007 1:45 PM		CCV 5/24/2007 2:59 PM		CCV 5/24/2007 4:14 PM		CCV 5/24/2007 5:28 PM		CCV 5/24/2007 6:42 PM	
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Aluminum	27	2000.0	1910.31	95.5	1928.05	96.4	1994.93	99.7	1949.79	97.5	1950.31	97.5
Antimony	123	200.0	188.78	94.4	187.10	93.6	194.24	97.1	188.07	94.0	192.82	96.4
Arsenic	75	200.0	196.60	98.3	189.69	94.8	198.09	99.0	195.24	97.6	193.89	96.9
Barium	135	200.0	182.83	91.4	180.99	90.5	189.11	94.6	181.85	90.9	183.18	91.6
Beryllium	9	200.0	183.54	91.8	193.65	96.8	192.95	96.5	183.38	91.7	189.15	94.6
Boron	10	200.0	179.43	89.7	197.08	98.5	189.64	94.8	182.53	91.3	189.59	94.8
Cadmium	111	200.0	192.07	96.0	189.34	94.7	194.62	97.3	193.03	96.5	195.15	97.6
Calcium	44	1000.0	1034.86	103.5	1052.82	105.3	1081.52	108.2	1031.50	103.2	1042.21	104.2
Chromium	52	200.0	189.60	94.8	189.18	94.6	193.96	97.0	185.71	92.9	186.58	93.3
Cobalt	59	200.0	189.13	94.6	183.52	91.8	191.62	95.8	185.28	92.6	185.11	92.6
Copper	65	200.0	184.17	92.1	182.85	91.4	188.79	94.4	182.03	91.0	183.23	91.6
Iron	57	2000.0	2085.84	104.3	2046.83	102.3	2113.63	105.7	2051.10	102.6	2055.71	102.8
Lead	208	200.0	184.30	92.2	187.63	93.8	192.17	96.1	190.57	95.3	189.53	94.8
Magnesium	24	1000.0	961.39	96.1	985.51	98.6	1018.60	101.9	998.35	99.8	988.58	98.9
Manganese	55	200.0	185.58	92.8	181.07	90.5	188.56	94.3	183.85	91.9	182.80	91.4
Molybdenum	97	200.0	192.18	96.1	186.25	93.1	195.21	97.6	190.57	95.3	192.48	96.2
Nickel	60	200.0	185.44	92.7	182.41	91.2	186.95	93.5	183.18	91.6	182.11	91.1
Platinum	194	200.0	182.41	91.2	187.01	93.5	192.34	96.2	187.50	93.8	189.69	94.8
Potassium	39	2000.0	1926.73	96.3	1907.27	95.4	1968.27	98.4	1883.81	94.2	1876.42	93.8
Selenium	82	200.0	190.97	95.5	186.61	93.3	193.66	96.8	194.11	97.1	193.33	96.7
Silver	107	50.0	48.48	97.0	47.47	94.9	49.43	98.9	48.48	97.0	48.90	97.8
Sodium	23	2000.0	1866.28	93.3	1934.45	96.7	1982.77	99.1	1943.79	97.2	1909.44	95.5
Strontium	88	200.0	186.74	93.4	187.55	93.8	193.26	96.6	186.97	93.5	186.93	93.5
Thallium	205	200.0	178.67	89.3	181.74	90.9	186.83	93.4	181.87	90.9	183.07	91.5
Tin	118	200.0	187.98	94.0	189.17	94.6	194.76	97.4	188.16	94.1	191.32	95.7
Titanium	47	200.0	191.65	95.8	191.49	95.7	198.34	99.2	188.64	94.3	191.19	95.6
Tungsten	182	200.0	185.84	92.9	185.39	92.7	189.39	94.7	185.34	92.7	188.20	94.1
Uranium	238	200.0	190.89	95.4	192.93	96.5	198.71	99.4	190.52	95.3	192.13	96.1

STL-ST. LOUIS

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICPMS **Units:** ug/L

Chart Number: 052407M3.REP **Acceptable Range:** 90% - 110%

Standard Source: INORGANIC VENTURES **Standard ID:** See Standards Log

Element	WL/ Mass	True Conc	CCV 5/24/2007 7:56 PM Found	% Rec	CCV 5/24/2007 9:10 PM Found	% Rec	CCV 5/24/2007 10:24 PM Found	% Rec	CCV 5/24/2007 11:20 PM Found	% Rec	Found	% Rec
Aluminum	27	2000.0	1914.73	**95.7**	1962.75	**98.1**	1935.37	**96.8**	1923.69	**96.2**		
Antimony	123	200.0	184.93	**92.5**	190.48	**95.2**	188.68	**94.3**	190.71	**95.4**		
Arsenic	75	200.0	192.89	**96.4**	197.42	**98.7**	192.77	**96.4**	195.17	**97.6**		
Barium	135	200.0	178.99	**89.5**	181.80	**90.9**	184.28	**92.1**	184.83	**92.4**		
Beryllium	9	200.0	186.35	**93.2**	192.96	**96.5**	184.86	**92.4**	185.98	**93.0**		
Boron	10	200.0	183.27	**91.6**	200.46	**100.2**	187.24	**93.6**	184.86	**92.4**		
Cadmium	111	200.0	188.76	**94.4**	194.15	**97.1**	191.00	**95.5**	194.22	**97.1**		
Calcium	44	1000.0	1035.28	**103.5**	1058.67	**105.9**	1040.05	**104.0**	1037.82	**103.8**		
Chromium	52	200.0	186.74	**93.4**	188.87	**94.4**	187.52	**93.8**	187.22	**93.6**		
Cobalt	59	200.0	183.29	**91.6**	188.24	**94.1**	187.32	**93.7**	186.02	**93.0**		
Copper	65	200.0	183.42	**91.7**	185.10	**92.5**	182.07	**91.0**	181.19	**90.6**		
Iron	57	2000.0	2032.43	**101.6**	2097.06	**104.9**	2078.02	**103.9**	2062.93	**103.1**		
Lead	208	200.0	185.87	**92.9**	187.81	**93.9**	187.09	**93.5**	191.31	**95.7**		
Magnesium	24	1000.0	997.95	**99.8**	997.75	**99.8**	983.50	**98.3**	983.60	**98.4**		
Manganese	55	200.0	182.32	**91.2**	186.50	**93.2**	185.88	**92.9**	184.43	**92.2**		
Molybdenum	97	200.0	185.78	**92.9**	189.86	**94.9**	190.56	**95.3**	192.73	**96.4**		
Nickel	60	200.0	181.29	**90.6**	183.69	**91.8**	182.42	**91.2**	181.79	**90.9**		
Platinum	194	200.0	188.59	**94.3**	188.88	**94.4**	188.36	**94.2**	191.46	**95.7**		
Potassium	39	2000.0	1877.59	**93.9**	1908.44	**95.4**	1847.88	**92.4**	1849.39	**92.5**		
Selenium	82	200.0	193.44	**96.7**	195.19	**97.6**	193.71	**96.9**	194.81	**97.4**		
Silver	107	50.0	47.39	**94.8**	48.03	**96.1**	47.98	**96.0**	47.90	**95.8**		
Sodium	23	2000.0	1915.59	**95.8**	1942.71	**97.1**	1920.82	**96.0**	1920.25	**96.0**		
Strontium	88	200.0	183.90	**92.0**	187.10	**93.5**	182.55	**91.3**	182.87	**91.4**		
Thallium	205	200.0	178.75	**89.4**	180.32	**90.2**	180.07	**90.0**	181.88	**90.9**		
Tin	118	200.0	184.66	**92.3**	189.80	**94.9**	190.35	**95.2**	191.68	**95.8**		
Titanium	47	200.0	189.42	**94.7**	195.56	**97.8**	193.22	**96.6**	192.06	**96.0**		
Tungsten	182	200.0	184.70	**92.4**	185.60	**92.8**	187.51	**93.8**	188.62	**94.3**		
Uranium	238	200.0	182.50	**91.2**	188.79	**94.4**	190.83	**95.4**	187.90	**93.9**		

STL-ST. LOUIS

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICPMS

Units: ug/L

Chart Number: 052507M1.REP

Acceptable Range: 90% - 110%

Standard Source: INORGANIC VENTURES

Standard ID: See Standards Log

Element	WL/ Mass	True Conc	CCV 5/25/2007 11:52 AM		CCV 5/25/2007 12:45 PM		CCV 5/25/2007 1:39 PM		CCV 5/25/2007 2:33 PM		CCV 5/25/2007 3:26 PM	
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Barium	135	200.0	195.80	**97.9**	191.79	**95.9**	193.86	**96.9**	191.95	**96.0**	192.66	**96.3**
Thallium	205	200.0	190.84	**95.4**	195.38	**97.7**	194.04	**97.0**	191.05	**95.5**	192.04	**96.0**
Vanadium	51	200.0	200.97	**100.5**	199.56	**99.8**	202.56	**101.3**	196.36	**98.2**	196.32	**98.2**
Zinc	66	200.0	199.18	**99.6**	198.84	**99.4**	200.22	**100.1**	193.69	**96.8**	197.55	**98.8**

STL-ST. LOUIS

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICPMS **Units:** ug/L

Chart Number: 052507M1.REP **Acceptable Range:** 90% - 110%

Standard Source: INORGANIC VENTURES **Standard ID:** See Standards Log

Element	WL/ Mass	True Conc	CCV 5/25/2007 4:20 PM		CCV 5/25/2007 5:14 PM		CCV 5/25/2007 6:19 PM		CCV 5/25/2007 7:00 PM			
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Barium	135	200.0	191.13	**95.6**	190.28	**95.1**	192.63	**96.3**	190.73	**95.4**		
Thallium	205	200.0	187.13	**93.6**	190.25	**95.1**	191.34	**95.7**	186.63	**93.3**		
Vanadium	51	200.0	191.42	**95.7**	192.16	**96.1**	194.23	**97.1**	186.65	**93.3**		
Zinc	66	200.0	194.10	**97.0**	195.58	**97.8**	195.77	**97.9**	194.47	**97.2**		

STL-ST. LOUIS

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: CVAA **Units:** ug/L

Chart Number: AA0517E.PRN **Acceptable Range:** 50% - 150%

Standard Source: Leeman **Standard ID:** See Standards Log

Element	WL/ Mass	True Conc	CRA 5/17/2007 2:54 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	0.2	0.19	**93.5**								

STL-ST. LOUIS

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICPMS **Units:** ug/L

Chart Number: 052407M3.REP **Acceptable Range:** 50% - 150%

Standard Source: Inorganic Ventures **Standard ID:** See Standards Log

Element	WL/ Mass	True Conc	CRI 5/24/2007 1:23 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Aluminum	27	200.0	202.27	**101.1**								
Antimony	123	60.0	54.65	**91.1**								
Arsenic	75	10.0	10.71	**107.1**								
Barium	135	200.0	191.28	**95.6**								
Beryllium	9	5.0	4.66	**93.3**								
Boron	10	50.0	46.75	**93.5**								
Cadmium	111	5.0	4.91	**98.2**								
Calcium	44	5000.0	4907.37	**98.1**								
Chromium	52	10.0	8.33	**83.3**								
Cobalt	59	50.0	50.12	**100.2**								
Copper	65	25.0	23.90	**95.6**								
Iron	57	100.0	91.47	**91.5**								
Lead	208	3.0	3.05	**101.6**								
Magnesium	24	5000.0	4877.22	**97.5**								
Manganese	55	15.0	14.98	**99.9**								
Molybdenum	97	40.0	40.19	**100.5**								
Nickel	60	40.0	38.36	**95.9**								
Platinum	194	20.0	20.81	**104.0**								
Potassium	39	5000.0	4978.34	**99.6**								
Selenium	82	5.0	5.29	**105.7**								
Silver	107	10.0	9.78	**97.8**								
Sodium	23	5000.0	4840.20	**96.8**								
Strontium	88	50.0	47.99	**96.0**								
Thallium	205	10.0	9.67	**96.7**								
Tin	118	100.0	86.85	**86.9**								
Titanium	47	50.0	49.37	**98.7**								
Tungsten	182	20.0	21.90	**109.5**								
Uranium	238	20.0	20.68	**103.4**								

STL-ST. LOUIS

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICPMS **Units:** ug/L

Chart Number: 052507M1.REP **Acceptable Range:** 50% - 150%

Standard Source: Inorganic Ventures **Standard ID:** See Standards Log

Element	WL/ Mass	True Conc	CRI 5/25/2007 11:35 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Barium	135	200.0	195.85	**97.9**								
Thallium	205	10.0	9.89	**98.9**								
Vanadium	51	50.0	49.42	**98.8**								
Zinc	66	20.0	19.67	**98.4**								

STL-ST. LOUIS

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: AA0517E.PRN

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB 5/17/2007 2:52 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	**0.1**	**B**								

STL-ST. LOUIS

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: 052407M3.REP

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB 5/24/2007 1:17 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Aluminum	27	25	**7.9**	**U**								
Antimony	123	1	0.5	U								
Arsenic	75	5	2.0	U								
Barium	135	2	**0.3**	**U**								
Beryllium	9	0.5	**0.1**	**U**								
Boron	10	50	**6.7**	**U**								
Cadmium	111	0.5	0.1	U								
Calcium	44	100	21.0	U								
Chromium	52	10	2.8	U								
Cobalt	59	2	0.3	U								
Copper	65	1	0.3	U								
Iron	57	20	9.4	U								
Lead	208	3	0.5	U								
Magnesium	24	50	6.4	U								
Manganese	55	2	0.3	U								
Molybdenum	97	5	0.5	U								
Nickel	60	5	**0.5**	**U**								
Platinum	194	1	0.1	U								
Potassium	39	100	10.0	U								
Selenium	82	5	1.0	U								
Silver	107	2	0.2	U								
Sodium	23	50	11.0	U								
Strontium	88	5	**0.5**	**U**								
Thallium	205	2	0.3	U								
Tin	118	2	0.2	U								
Titanium	47	2	0.4	U								
Tungsten	182	5	0.5	U								
Uranium	238	1	**0.2**	**U**								

STL-ST. LOUIS

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: 052507M1.REP

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB 5/25/2007 11:30 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Barium	135	2	**0.3**	**U**								
Thallium	205	2	0.3	U								
Vanadium	51	10	**1.6**	**U**								
Zinc	66	10	1.0	U								

STL-ST. LOUIS

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: AA0517E.PRN

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB 5/17/2007 2:58 PM Found	Q	CCB 5/17/2007 3:26 PM Found	Q	CCB 5/17/2007 3:55 PM Found	Q	CCB 5/17/2007 4:22 PM Found	Q	CCB 5/17/2007 4:49 PM Found	Q
Mercury	253.7	0.2	**0.1**	**U**	-0.1	B	**0.1**	**U**	**0.1**	**U**	**0.1**	**U**

U Result is less than the IDL

B Result is between MDL and RL

STL-ST. LOUIS

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: AA0517E.PRN

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB 5/17/2007 5:03 PM Found	Q	CCB 5/17/2007 5:29 PM Found	Q	CCB 5/17/2007 5:56 PM Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	**0.1**	U	**0.1**	U	**0.1**	U				

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 3 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: 052407M3.REP

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB 5/24/2007 1:52 PM Found	Q	CCB 5/24/2007 3:06 PM Found	Q	CCB 5/24/2007 4:20 PM Found	Q	CCB 5/24/2007 5:35 PM Found	Q	CCB 5/24/2007 6:49 PM Found	Q
Aluminum	27	25	**7.9**	**U**	**7.9**	**U**	**7.9**	**U**	**7.9**	**U**	**7.9**	**U**
Antimony	123	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Arsenic	75	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Barium	135	2	**0.3**	**U**	**0.3**	**U**	**0.3**	**U**	**0.3**	**U**	**0.3**	**U**
Beryllium	9	0.5	**0.1**	**U**	**0.1**	**U**	**0.1**	**U**	**0.1**	**U**	**0.1**	**U**
Boron	10	50	**6.7**	**U**	**7.3**	**B**	**6.7**	**U**	**6.7**	**U**	**6.7**	**U**
Cadmium	111	0.5	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Calcium	44	100	21.0	U	21.0	U	21.0	U	-27.0	B	-25.0	B
Chromium	52	10	2.8	U	2.8	U	2.8	U	2.8	U	2.8	U
Cobalt	59	2	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Copper	65	1	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Iron	57	20	9.4	U	9.4	U	9.4	U	9.4	U	9.4	U
Lead	208	3	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Magnesium	24	50	6.4	U	6.4	U	6.4	U	6.4	U	6.4	U
Manganese	55	2	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Molybdenum	97	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Nickel	60	5	**0.5**	**U**	**0.5**	**U**	**0.5**	**U**	**0.5**	**U**	**0.5**	**U**
Platinum	194	1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Potassium	39	100	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
Selenium	82	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Silver	107	2	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Sodium	23	50	11.0	U	11.0	U	11.0	U	11.0	U	11.0	U
Strontium	88	5	**0.5**	**U**	**0.5**	**U**	**0.5**	**U**	**0.5**	**U**	**0.5**	**U**
Thallium	205	2	**0.3**	**B**	**0.4**	**B**	0.3	U	0.3	U	**0.3**	**B**
Tin	118	2	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Titanium	47	2	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Tungsten	182	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Uranium	238	1	**0.2**	**U**	**0.2**	**U**	**0.2**	**U**	**0.2**	**U**	**0.2**	**U**

STL-ST. LOUIS

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: 052407M3.REP

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB 5/24/2007 8:03 PM Found	Q	CCB 5/24/2007 9:17 PM Found	Q	CCB 5/24/2007 10:31 PM Found	Q	CCB 5/24/2007 11:27 PM Found	Q	Found	Q
Aluminum	27	25	**7.9**	**U**	**7.9**	**U**	**7.9**	**U**	**7.9**	**U**		
Antimony	123	1	0.5	U	0.5	U	0.5	U	0.5	U		
Arsenic	75	5	2.0	U	2.0	U	2.0	U	2.0	U		
Barium	135	2	**0.3**	**U**	**0.3**	**U**	**0.3**	**U**	**0.3**	**U**		
Beryllium	9	0.5	**0.1**	**U**	**0.1**	**U**	**0.1**	**U**	**0.1**	**U**		
Boron	10	50	**6.7**	**U**	**6.7**	**U**	**6.7**	**U**	**6.7**	**U**		
Cadmium	111	0.5	0.1	U	0.1	U	0.1	U	0.1	U		
Calcium	44	100	-28.0	B	-27.0	B	-31.0	B	-27.0	B		
Chromium	52	10	2.8	U	2.8	U	2.8	U	2.8	U		
Cobalt	59	2	0.3	U	0.3	U	0.3	U	0.3	U		
Copper	65	1	0.3	U	0.3	U	0.3	U	0.3	U		
Iron	57	20	9.4	U	9.4	U	9.4	U	9.4	U		
Lead	208	3	0.5	U	0.5	U	0.5	U	0.5	U		
Magnesium	24	50	6.4	U	6.4	U	6.4	U	6.4	U		
Manganese	55	2	0.3	U	0.3	U	0.3	U	0.3	U		
Molybdenum	97	5	0.5	U	0.5	U	0.5	U	0.5	U		
Nickel	60	5	**0.5**	**U**	**0.5**	**U**	**0.5**	**U**	**0.5**	**U**		
Platinum	194	1	0.1	U	0.1	U	0.1	U	0.1	U		
Potassium	39	100	10.0	U	10.0	U	10.0	U	10.0	U		
Selenium	82	5	1.0	U	1.0	U	1.0	U	1.0	U		
Silver	107	2	0.2	U	0.2	U	0.2	U	0.2	U		
Sodium	23	50	11.0	U	11.0	U	11.0	U	11.0	U		
Strontium	88	5	**0.5**	**U**	**0.5**	**U**	**0.5**	**U**	**0.5**	**U**		
Thallium	205	2	0.3	U	**0.3**	**B**	**0.3**	**B**	0.3	U		
Tin	118	2	0.2	U	0.2	U	0.2	U	0.2	U		
Titanium	47	2	0.4	U	0.4	U	0.4	U	0.4	U		
Tungsten	182	5	0.5	U	0.5	U	0.5	U	0.5	U		
Uranium	238	1	**0.2**	**U**	**0.2**	**U**	**0.2**	**U**	**0.2**	**U**		

STL-ST. LOUIS

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: 052507M1.REP

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB 5/25/2007 11:56 AM		CCB 5/25/2007 12:50 PM		CCB 5/25/2007 1:44 PM		CCB 5/25/2007 2:38 PM		CCB 5/25/2007 3:31 PM	
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Barium	135	2	**0.3**	**U**	**0.3**	**U**	**0.3**	**U**	**0.3**	**U**	**0.3**	**U**
Thallium	205	2	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Vanadium	51	10	**1.6**	**U**	**1.6**	**U**	**1.6**	**U**	**1.6**	**U**	**1.6**	**U**
Zinc	66	10	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

STL-ST. LOUIS

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: 052507M1.REP

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB 5/25/2007 4:25 PM Found	Q	CCB 5/25/2007 5:19 PM Found	Q	CCB 5/25/2007 6:24 PM Found	Q	CCB 5/25/2007 7:04 PM Found	Q	Found	Q
Barium	135	2	**0.3**	U	**0.3**	U	**0.3**	U	**0.3**	U		
Thallium	205	2	0.3	U	0.3	U	0.3	U	0.3	U		
Vanadium	51	10	**1.6**	U	**1.6**	U	**1.6**	U	**1.6**	U		
Zinc	66	10	1.0	U	1.0	U	1.0	U	1.0	U		

STL-ST. LOUIS

Metals Data Reporting Form

Preparation Blank Results

Lab Sample ID: JW3MLB

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Aluminum	27	7.9	25.0	7.9	U	1	ICPMS	5/24/2007	20:09
Antimony	123	0.50	1.0	0.50	U	1	ICPMS	5/24/2007	20:09
Arsenic	75	2.0	5.0	2.0	U	1	ICPMS	5/24/2007	20:09
Barium	135	0.25	2.0	0.25	U	1	ICPMS	5/25/2007	16:30
Beryllium	9	0.088	0.50	0.088	U	1	ICPMS	5/24/2007	20:09
Boron	10	6.7	50.0	6.7	U	1	ICPMS	5/24/2007	20:09
Cadmium	111	0.057	0.50	0.057	U	1	ICPMS	5/24/2007	20:09
Calcium	44	21.0	100	-32	B	1	ICPMS	5/24/2007	20:09
Chromium	52	2.8	10.0	2.8	U	1	ICPMS	5/24/2007	20:09
Cobalt	59	0.31	2.0	0.31	U	1	ICPMS	5/24/2007	20:09
Copper	65	0.25	1.0	0.25	U	1	ICPMS	5/24/2007	20:09
Iron	57	9.4	20.0	9.4	U	1	ICPMS	5/24/2007	20:09
Lead	208	0.49	3.0	0.49	U	1	ICPMS	5/24/2007	20:09
Magnesium	24	6.4	50.0	6.4	U	1	ICPMS	5/24/2007	20:09
Manganese	55	0.34	2.0	0.34	U	1	ICPMS	5/24/2007	20:09
Molybdenum	97	0.50	5.0	0.50	U	1	ICPMS	5/24/2007	20:09
Nickel	60	0.52	5.0	0.52	U	1	ICPMS	5/24/2007	20:09
Platinum	194	0.10	1.0	0.10	U	1	ICPMS	5/24/2007	20:09
Potassium	39	10.0	100	10.0	U	1	ICPMS	5/24/2007	20:09
Selenium	82	1.0	5.0	1.0	U	1	ICPMS	5/24/2007	20:09
Silver	107	0.20	2.0	0.20	U	1	ICPMS	5/24/2007	20:09
Sodium	23	11.0	50.0	11.0	U	1	ICPMS	5/24/2007	20:09
Strontium	88	0.53	5.0	0.53	U	1	ICPMS	5/24/2007	20:09
Thallium	205	0.32	2.0	0.32	U	1	ICPMS	5/25/2007	16:30
Tin	118	0.20	2.0	0.20	U	1	ICPMS	5/24/2007	20:09
Titanium	47	0.39	2.0	0.39	U	1	ICPMS	5/24/2007	20:09
Tungsten	182	0.50	5.0	0.50	U	1	ICPMS	5/24/2007	20:09
Uranium	238	0.21	1.0	0.21	U	1	ICPMS	5/24/2007	20:09
Vanadium	51	1.6	10.0	-2	B	1	ICPMS	5/25/2007	16:30
Zinc	**66**	**1.0**	**10.0**	**1.0**	**B**	**1**	**ICPMS**	**5/25/2007**	**16:30**

Comments: Lot #: F7E110218

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 3 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Preparation Blank Results

Lab Sample ID: JW5N9B

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.093	0.20	0.093	U	1	CVAA	5/17/2007	16:24

Comments: Lot #: F7E110218

Version 4.75.1

U Result is less than the IDL

B Result is between MDL and RL

Form 3 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Interference Check Standard A

Instrument: ICPMS **Units:** ug/L

Chart Number: 052407M3.REP **Acceptable Range:** 80% - 120%

Standard Source: Inorganic Ventures **Standard ID:** See Standards Log

Element	WL/ Mass	Reporting Limit	True Conc	ICSA 5/24/2007 1:30 PM Found	Found	Found	Found	Found
Aluminum	27		50000	50200				
Antimony	123	1		0				
Arsenic	75	5		0				
Barium	135	2		0				
Beryllium	9	0.5		0				
Boron	10	50		0				
Cadmium	111	0.5		0				
Calcium	44		50000	49400				
Chromium	52	10		-2				
Cobalt	59	2		0				
Copper	65	1		0				
Iron	57		20000	20400				
Lead	208	3		0				
Magnesium	24		50000	49600				
Manganese	55	2		1				
Molybdenum	97	5		0				
Nickel	60	5		1				
Platinum	194	1		0				
Potassium	39	100		-6				
Selenium	82	5		0				
Silver	107	2		0				
Sodium	23	50		1				
Strontium	88	5		1				
Thallium	205	2		0				
Tin	118	2		0				
Titanium	47	2		0				
Tungsten	182	5		0				
Uranium	238	1		0				

STL-ST. LOUIS

Metals Data Reporting Form

Interference Check Standard A

Instrument: ICPMS **Units:** ug/L

Chart Number: 052507M1.REP **Acceptable Range:** 80% - 120%

Standard Source: Inorganic Ventures **Standard ID:** See Standards Log

Element	WL/ Mass	Reporting Limit	True Conc	ICSA 5/25/2007 11:40 AM Found	Found	Found	Found	Found
Barium	135	2		0				
Thallium	205	2		0				
Vanadium	51	10		-1				
Zinc	66	10		1				

STL-ST. LOUIS

Metals Data Reporting Form

Interference Check Standard AB

Instrument: ICPMS **Units:** ug/L

Chart Number: 052407M3.REP **Acceptable Range:** 80% - 120%

Standard Source: Inorganic Ventures **Standard ID:** See Standards Log

Element	WL/ Mass	True Conc	ICSAB 5/24/2007 1:37 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Aluminum	27	50000	49282.4	**98.6**								
Antimony	123	100	95.5	**95.5**								
Arsenic	75	100	97.1	**97.1**								
Barium	135	50	46.4	**92.8**								
Beryllium	9	50	48.1	**96.2**								
Boron	10	100	98.8	**98.8**								
Cadmium	111	100	93.3	**93.3**								
Calcium	44	50000	49279.8	**98.6**								
Chromium	52	50	46.2	**92.3**								
Cobalt	59	50	46.3	**92.6**								
Copper	65	50	43.5	**87.0**								
Iron	57	20000	20229.6	**101.1**								
Lead	208	100	92.6	**92.6**								
Magnesium	24	50000	48749.5	**97.5**								
Manganese	55	50	48.0	**95.9**								
Molybdenum	97	100	99.1	**99.1**								
Nickel	60	100	89.3	**89.3**								
Platinum	194	50	48.3	**96.5**								
Potassium	39	2000	1973.4	**98.7**								
Selenium	82	100	92.5	**92.5**								
Silver	107	100	88.0	**88.0**								
Sodium	23	2000	1902.3	**95.1**								
Strontium	88	100	90.7	**90.7**								
Thallium	205	100	87.8	**87.8**								
Tin	118	100	94.9	**94.9**								
Titanium	47	50	47.3	**94.6**								
Tungsten	182	50	47.3	**94.5**								
Uranium	238	100	94.9	**94.9**								

STL-ST. LOUIS

Metals Data Reporting Form

Interference Check Standard AB

Instrument: ICPMS **Units:** ug/L

Chart Number: 052507M1.REP **Acceptable Range:** 80% - 120%

Standard Source: Inorganic Ventures **Standard ID:** See Standards Log

Element	WL/ Mass	True Conc	ICSAB 5/25/2007 11:45 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Barium	135	50	47.3	**94.5**								
Thallium	205	100	93.3	**93.3**								
Vanadium	51	50	47.7	**95.4**								
Zinc	66	100	93.0	**93.0**								

STL-ST. LOUIS

Metals Data Reporting Form

Matrix Spike Sample Results

Spike Sample ID: JWRG3S

Original Sample ID: JWRG3 **Client ID:** M48-F S

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	MS Conc	Q	Spike Level	% Rec	OS DF	MS DF	Instr	OS Anal Date	OS Anal Time	MS Anal Date	MS Anal Time
Aluminum	27	157	U	1010		1000	101.2	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Antimony	123	10.0	U	248		250	99.2	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Arsenic	75	147		1170		1000	102.5	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Barium	135	17.9	B	964		1000	94.6	20	20	ICPMS	5/25/2007	16:56	5/25/2007	17:01
Beryllium	9	1.8	U	24.7		25	98.9	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Boron	10	3930	N	4810		1000	87.9	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Cadmium	111	1.2	U	25.8		25	103.4	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Calcium	44	179000	N	193000	N	25000	55.9	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Chromium	52	971	N	1030	N	100	55.9	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Cobalt	59	6.3	U	236		250	94.4	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Copper	65	5.0	U	118		125	94.6	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Iron	57	188	UN	188	U N	500	5.8	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Lead	208	9.8	U	249		250	99.4	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Magnesium	24	89300		107000	N	25000	72.6	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Manganese	55	25.7	B	261		250	94.0	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Molybdenum	97	18.5	B	503		500	96.9	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Nickel	60	10.3	U	231		250	92.3	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Platinum	194	2.0	U	985		1000	98.5	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Potassium	39	10100		33200		25000	92.4	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Selenium	82	20.0	U	899		1000	89.9	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Silver	107	4.1	U	27.5	B	25	109.8	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Sodium	23	482000	N	483000	N	25000	5.2	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Strontium	88	6890	N	7010	N	500	24.9	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Thallium	205	6.4	U	986		1000	98.6	20	20	ICPMS	5/25/2007	16:56	5/25/2007	17:01
Tin	118	4.0	U	985		1000	98.5	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Titanium	47	7.8	U	969		1000	96.9	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Tungsten	182	29.2	B	1020		1000	98.6	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Uranium	238	40.6		1040		1000	100.0	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:52
Vanadium	51	107	B	341		250	93.8	20	20	ICPMS	5/25/2007	16:56	5/25/2007	17:01
Zinc	66	20.0	U	245		250	98.1	20	20	ICPMS	5/25/2007	16:56	5/25/2007	17:01

Comments: Lot #: F7E110218 Sample #: 2

Version 4.75.1

U Result is less than the IDL
B Result is between MDL and RL
N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits

Form 5A Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Matrix Spike Sample Results

Spike Sample ID: JWRGXS

Original Sample ID: JWRGX **Client ID:** M48-L S

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	MS Conc	Q	Spike Level	% Rec	OS DF	MS DF	Instr	OS Anal Date	OS Anal Time	MS Anal Date	MS Anal Time
Aluminum	27	157	U	1010		1000	101.0	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Antimony	123	10.0	U	248		250	99.3	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Arsenic	75	147		1170		1000	102.2	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Barium	135	17.2	B	921		1000	90.4	20	20	ICPMS	5/25/2007	16:39	5/25/2007	16:43
Beryllium	9	1.8	U	22.6		25	90.2	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Boron	10	4010		4750	N	1000	73.7	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Cadmium	111	1.2	U	26.1		25	104.2	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Calcium	44	175000		192000	N	25000	69.6	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Chromium	52	945		1020		100	76.0	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Cobalt	59	6.3	U	238		250	95.0	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Copper	65	5.0	U	115		125	92.3	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Iron	57	188	U	188	U N	500	4.4	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Lead	208	9.8	U	242		250	96.8	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Magnesium	24	86600		108000		25000	85.8	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Manganese	55	23.6	B	258		250	93.7	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Molybdenum	97	20.2	B	516		500	99.2	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Nickel	60	10.3	U	231		250	92.2	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Platinum	194	2.0	U	997		1000	99.7	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Potassium	39	9890		33700		25000	95.0	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Selenium	82	20.0	U	888		1000	88.8	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Silver	107	4.1	U	28.3	B	25	113.1	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Sodium	23	470000		487000	N	25000	67.8	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Strontium	88	6850		7010	N	500	32.2	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Thallium	205	9.7	B	936		1000	92.6	20	20	ICPMS	5/25/2007	16:39	5/25/2007	16:43
Tin	118	4.0	U	985		1000	98.5	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Titanium	47	7.8	U	965		1000	96.5	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Tungsten	182	39.0	B	1010		1000	96.6	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Uranium	238	40.7		1010		1000	97.2	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:28
Vanadium	51	112	B	336		250	89.6	20	20	ICPMS	5/25/2007	16:39	5/25/2007	16:43
Zinc	66	36.9	B	246		250	83.7	20	20	ICPMS	5/25/2007	16:39	5/25/2007	16:43

Comments: Lot #: F7E110218 Sample #: 1

Version 4.75.1

U Result is less than the IDL
B Result is between MDL and RL
N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits

Form 5A Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Matrix Spike Sample Results

Spike Sample ID: JWRG3S

Original Sample ID: JWRG3 **Client ID:** M48-F S

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	MS Conc	Q	Spike Level	% Rec	OS DF	MS DF	Instr	OS Anal Date	OS Anal Time	MS Anal Date	MS Anal Time
Mercury	253.7	0.093	U	1.2		1	121.0	1	1	CVAA	5/17/2007	16:39	5/17/2007	16:41

Comments: Lot #: F7E110218 Sample #: 2

Version 4.75.1

U Result is less than the IDL
B Result is between MDL and RL
N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits

Form 5A Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Matrix Spike Sample Results

Spike Sample ID: JWRGXS

Original Sample ID: JWRGX **Client ID:** M48-L S

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	MS Conc	Q	Spike Level	% Rec	OS DF	MS DF	Instr	OS Anal Date	OS Anal Time	MS Anal Date	MS Anal Time
Mercury	253.7	0.093	U	1.1		1	110.0	1	1	CVAA	5/17/2007	16:29	5/17/2007	16:32

Comments: Lot #: F7E110218 Sample #: 1

Version 4.75.1

U Result is less than the IDL
B Result is between MDL and RL
N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits

Form 5A Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Matrix Spike Duplicate Sample Results

Spike Sample ID: JWRG3D

Original Sample ID: JWRG3 **Client ID:** M48-F D

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	MSD Conc	Q	Spike Level	% Rec	OS DF	MSD DF	Instr	OS Anal Date	OS Anal Time	MSD Anal Date	MSD Anal Time
Aluminum	27	157	U	1020		1000	102.2	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Antimony	123	10.0	U	244		250	97.5	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Arsenic	75	147		1160		1000	101.5	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Barium	135	17.9	B	975		1000	95.7	20	20	ICPMS	5/25/2007	16:56	5/25/2007	17:05
Beryllium	9	1.8	U	25.8		25	103.1	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Boron	10	3930	N	4880		1000	95.2	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Cadmium	111	1.2	U	26.0		25	103.8	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Calcium	44	179000	N	195000	N	25000	65.1	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Chromium	52	971	N	1030	N	100	54.2	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Cobalt	59	6.3	U	239		250	95.5	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Copper	65	5.0	U	116		125	92.8	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Iron	57	188	UN	188	U N *	500	4.4	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Lead	208	9.8	U	241		250	96.5	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Magnesium	24	89300	N	109000		25000	78.9	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Manganese	55	25.7	B	266		250	96.2	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Molybdenum	97	18.5	B	506		500	97.6	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Nickel	60	10.3	U	233		250	93.1	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Platinum	194	2.0	U	980		1000	98.0	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Potassium	39	10100		33600		25000	94.1	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Selenium	82	20.0	U	881		1000	88.1	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Silver	107	4.1	U	27.8	B	25	111.2	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Sodium	23	482000	N	487000	N *	25000	19.7	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Strontium	88	6890	N	7130	N *	500	48.8	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Thallium	205	6.4	U	980		1000	98.0	20	20	ICPMS	5/25/2007	16:56	5/25/2007	17:05
Tin	118	4.0	U	987		1000	98.7	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Titanium	47	7.8	U	961		1000	96.1	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Tungsten	182	29.2	B	1020		1000	98.6	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Uranium	238	40.6		1030		1000	98.6	20	20	ICPMS	5/24/2007	20:46	5/24/2007	20:58
Vanadium	51	107	B	351		250	97.8	20	20	ICPMS	5/25/2007	16:56	5/25/2007	17:05
Zinc	66	20.0	U	246		250	98.5	20	20	ICPMS	5/25/2007	16:56	5/25/2007	17:05

Comments: Lot #: F7E110218 Sample #: 2

Version 4.75.1

U Result is less than the IDL
B Result is between MDL and RL
N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits

Form 5A Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Matrix Spike Duplicate Sample Results

Spike Sample ID: JWRGXD

Original Sample ID: JWRGX **Client ID:** M48-L D

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	MSD Conc	Q	Spike Level	% Rec	OS DF	MSD DF	Instr	OS Anal Date	OS Anal Time	MSD Anal Date	MSD Anal Time
Aluminum	27	157	U	1030		1000	102.6	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Antimony	123	10.0	U	245		250	98.1	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Arsenic	75	147		1190		1000	104.0	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Barium	135	17.2	B	958		1000	94.1	20	20	ICPMS	5/25/2007	16:39	5/25/2007	16:47
Beryllium	9	1.8	U	24.5		25	97.9	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Boron	10	4010	N	4780		1000	77.0	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Cadmium	111	1.2	U	25.9		25	103.5	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Calcium	44	175000	N	193000	N	25000	74.6	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Chromium	52	945		1010	N	100	65.6	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Cobalt	59	6.3	U	240		250	96.0	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Copper	65	5.0	U	118		125	94.2	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Iron	57	188	UN	188	U N *	500	-1.1	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Lead	208	9.8	U	244		250	97.7	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Magnesium	24	86600		108000		25000	85.0	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Manganese	55	23.6	B	264		250	96.1	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Molybdenum	97	20.2	B	507		500	97.4	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Nickel	60	10.3	U	230		250	92.0	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Platinum	194	2.0	U	982		1000	98.2	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Potassium	39	9890		33800		25000	95.5	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Selenium	82	20.0	U	893		1000	89.3	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Silver	107	4.1	U	28.2	B	25	112.7	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Sodium	23	470000	N	487000	N	25000	65.7	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Strontium	88	6850	N	7140	N *	500	57.0	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Thallium	205	9.7	B	971		1000	96.1	20	20	ICPMS	5/25/2007	16:39	5/25/2007	16:47
Tin	118	4.0	U	984		1000	98.4	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Titanium	47	7.8	U	969		1000	96.9	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Tungsten	182	39.0	B	998		1000	95.9	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Uranium	238	40.7		1030		1000	98.5	20	20	ICPMS	5/24/2007	20:22	5/24/2007	20:34
Vanadium	51	112	B	342		250	91.8	20	20	ICPMS	5/25/2007	16:39	5/25/2007	16:47
Zinc	66	36.9	B	246		250	83.6	20	20	ICPMS	5/25/2007	16:39	5/25/2007	16:47

Comments: Lot #: F7E110218 Sample #: 1

Version 4.75.1

U Result is less than the IDL
B Result is between MDL and RL
N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits

Form 5A Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Matrix Spike Duplicate Sample Results

Spike Sample ID: JWRG3D

Original Sample ID: JWRG3 **Client ID:** M48-F D

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	MSD Conc	Q	Spike Level	% Rec	OS DF	MSD DF	Instr	OS Anal Date	OS Anal Time	MSD Anal Date	MSD Anal Time
Mercury	253.7	0.093	U	1.1		1	107.0	1	1	CVAA	5/17/2007	16:39	5/17/2007	16:43

Comments: Lot #: F7E110218 Sample #: 2

Version 4.75.1

U Result is less than the IDL
B Result is between MDL and RL
N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits

Form 5A Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Matrix Spike Duplicate Sample Results

Spike Sample ID: JWRGXD

Original Sample ID: JWRGX **Client ID:** M48-L D

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	MSD Conc	Q	Spike Level	% Rec	OS DF	MSD DF	Instr	OS Anal Date	OS Anal Time	MSD Anal Date	MSD Anal Time
Mercury	253.7	0.093	U	1.1		1	113.0	1	1	CVAA	5/17/2007	16:29	5/17/2007	16:34

Comments: Lot #: F7E110218 Sample #: 1

Version 4.75.1

U Result is less than the IDL
B Result is between MDL and RL
N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits

Form 5A Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Matrix Spike Duplicate RPD Report

Matrix Spike Duplicate Sample ID: JWRG3D

Matrix Spike Sample ID: JWRG3S **Client ID:** M48-F D

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MS Conc	Q	MSD Conc	Q	% RPD	MS DF	MSD DF	Instr	MS Anal Date	MS Anal Time	MSD Anal Date	MSD Anal Time
Aluminum	27	1010		1020		1.0	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Antimony	123	248		244		1.6	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Arsenic	75	1170		1160		1.0	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Barium	135	964		975		1.1	20	20	ICPMS	5/25/2007	17:01	5/25/2007	17:05
Beryllium	9	24.7		25.8		4.1	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Boron	10	4810		4880		8.0	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Cadmium	111	25.8		26.0		0.4	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Calcium	44	193000	N	195000	N	15.1	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Chromium	52	1030	N	1030	N	3.2	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Cobalt	59	236		239		1.2	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Copper	65	118		116		1.9	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Iron	57	188	U N	188	U N *	28.0	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Lead	208	249		241		3.0	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Magnesium	24	107000	N	109000		8.2	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Manganese	55	261		266		2.3	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Molybdenum	97	503		506		0.7	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Nickel	60	231		233		0.9	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Platinum	194	985		980		0.6	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Potassium	39	33200		33600		1.8	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Selenium	82	899		881		2.0	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Silver	107	27.5	B	27.8	B	1.2	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Sodium	23	483000	N	487000	N *	116.2	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Strontium	88	7010	N	7130	N *	65.1	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Thallium	205	986		980		0.6	20	20	ICPMS	5/25/2007	17:01	5/25/2007	17:05
Tin	118	985		987		0.2	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Titanium	47	969		961		0.8	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Tungsten	182	1020		1020		0.0	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Uranium	238	1040		1030		1.4	20	20	ICPMS	5/24/2007	20:52	5/24/2007	20:58
Vanadium	51	341		351		4.2	20	20	ICPMS	5/25/2007	17:01	5/25/2007	17:05
Zinc	66	245		246		0.5	20	20	ICPMS	5/25/2007	17:01	5/25/2007	17:05

Comments: Lot #: F7E110218 Sample #: 2

Version 4.75.1

U Result is less than the IDL
B Result is between MDL and RL
N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits

Form 6 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Matrix Spike Duplicate RPD Report

Matrix Spike Duplicate Sample ID: JWRGXD

Matrix Spike Sample ID: JWRGXS **Client ID:** M48-L D

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	MS Conc	Q	MSD Conc	Q	% RPD	MS DF	MSD DF	Instr	MS Anal Date	MS Anal Time	MSD Anal Date	MSD Anal Time
Aluminum	27	1010		1030		1.6	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Antimony	123	248		245		1.3	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Arsenic	75	1170		1190		1.8	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Barium	135	921		958		4.1	20	20	ICPMS	5/25/2007	16:43	5/25/2007	16:47
Beryllium	9	22.6		24.5		8.2	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Boron	10	4750	N	4780		4.3	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Cadmium	111	26.1		25.9		0.7	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Calcium	44	192000	N	193000	N	7.0	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Chromium	52	1020		1010	N	14.8	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Cobalt	59	238		240		1.0	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Copper	65	115		118		2.0	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Iron	57	188	U N	188	U N *	339.0	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Lead	208	242		244		0.8	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Magnesium	24	108000		108000		1.0	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Manganese	55	258		264		2.4	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Molybdenum	97	516		507		1.8	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Nickel	60	231		230		0.2	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Platinum	194	997		982		1.5	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Potassium	39	33700		33800		0.5	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Selenium	82	888		893		0.6	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Silver	107	28.3	B	28.2	B	0.4	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Sodium	23	487000	N	487000	N	3.2	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Strontium	88	7010	N	7140	N *	55.6	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Thallium	205	936		971		3.7	20	20	ICPMS	5/25/2007	16:43	5/25/2007	16:47
Tin	118	985		984		0.0	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Titanium	47	965		969		0.4	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Tungsten	182	1010		998		0.8	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Uranium	238	1010		1030		1.3	20	20	ICPMS	5/24/2007	20:28	5/24/2007	20:34
Vanadium	51	336		342		2.5	20	20	ICPMS	5/25/2007	16:43	5/25/2007	16:47
Zinc	66	246		246		0.1	20	20	ICPMS	5/25/2007	16:43	5/25/2007	16:47

Comments: Lot #: F7E110218 Sample #: 1

Version 4.75.1

U Result is less than the IDL
B Result is between MDL and RL
N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits

Form 6 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Matrix Spike Duplicate RPD Report

Matrix Spike Duplicate Sample ID: JWRG3D

Matrix Spike Sample ID: JWRG3S **Client ID:** M48-F D

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MS Conc	Q	MSD Conc	Q	% RPD	MS DF	MSD DF	Instr	MS Anal Date	MS Anal Time	MSD Anal Date	MSD Anal Time
Mercury	253.7	1.2		1.1		12.3	1	1	CVAA	5/17/2007	16:41	5/17/2007	16:43

Comments: Lot #: F7E110218 Sample #: 2

Version 4.75.1

U Result is less than the IDL
B Result is between MDL and RL
N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits

Form 6 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Matrix Spike Duplicate RPD Report

Matrix Spike Duplicate Sample ID: JWRGXD

Matrix Spike Sample ID: JWRGXS **Client ID:** M48-L D

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	MS Conc	Q	MSD Conc	Q	% RPD	MS DF	MSD DF	Instr	MS Anal Date	MS Anal Time	MSD Anal Date	MSD Anal Time
Mercury	253.7	1.1		1.1		2.7	1	1	CVAA	5/17/2007	16:32	5/17/2007	16:34

Comments: Lot #: F7E110218 Sample #: 1

Version 4.75.1

U Result is less than the IDL
B Result is between MDL and RL
N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits

Form 6 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Laboratory Control Sample Results

Lab Sample ID: JW3MLC

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	Spike Level	Conc	Percent Recovery	Q	Range	DF	Instr	Anal Date	Anal Time
Aluminum	27	500	501	100.1		85-115	1	ICPMS	5/24/2007	20:15
Antimony	123	500	444	88.9		85-115	1	ICPMS	5/24/2007	20:15
Arsenic	75	500	495	99.0		85-115	1	ICPMS	5/24/2007	20:15
Barium	135	500	466	93.2		85-115	1	ICPMS	5/25/2007	16:34
Beryllium	9	500	473	94.6		85-115	1	ICPMS	5/24/2007	20:15
Boron	10	1000	957	95.7		85-115	1	ICPMS	5/24/2007	20:15
Cadmium	111	500	475	95.1		85-115	1	ICPMS	5/24/2007	20:15
Calcium	44	10000	9840	98.4		85-115	1	ICPMS	5/24/2007	20:15
Chromium	52	500	459	91.7		85-115	1	ICPMS	5/24/2007	20:15
Cobalt	59	500	452	90.4		85-115	1	ICPMS	5/24/2007	20:15
Copper	65	500	435	87.0		85-115	1	ICPMS	5/24/2007	20:15
Iron	57	500	498	99.6		85-115	1	ICPMS	5/24/2007	20:15
Lead	208	500	470	93.9		85-115	1	ICPMS	5/24/2007	20:15
Magnesium	24	10000	10000	100.3		85-115	1	ICPMS	5/24/2007	20:15
Manganese	55	500	470	94.0		85-115	1	ICPMS	5/24/2007	20:15
Molybdenum	97	500	496	99.2		85-115	1	ICPMS	5/24/2007	20:15
Nickel	60	500	445	88.9		85-115	1	ICPMS	5/24/2007	20:15
Platinum	194	1000	876	87.6		85-115	1	ICPMS	5/24/2007	20:15
Potassium	39	10000	9580	95.8		85-115	1	ICPMS	5/24/2007	20:15
Selenium	82	500	460	92.0		85-115	1	ICPMS	5/24/2007	20:15
Silver	107	125	122	97.3		85-115	1	ICPMS	5/24/2007	20:15
Sodium	23	10000	9950	99.5		85-115	1	ICPMS	5/24/2007	20:15
Strontium	88	500	475	94.9		85-115	1	ICPMS	5/24/2007	20:15
Thallium	205	500	484	96.9		85-115	1	ICPMS	5/25/2007	16:34
Tin	118	1000	928	92.8		85-115	1	ICPMS	5/24/2007	20:15
Titanium	47	1000	963	96.3		85-115	1	ICPMS	5/24/2007	20:15
Tungsten	182	1000	930	93.0		85-115	1	ICPMS	5/24/2007	20:15
Uranium	238	1000	982	98.2		85-115	1	ICPMS	5/24/2007	20:15
Vanadium	51	500	467	93.5		85-115	1	ICPMS	5/25/2007	16:34
Zinc	66	500	428	85.7		85-115	1	ICPMS	5/25/2007	16:34

Comments: Lot #: F7E110218

U Result is less than the IDL

B Result is between MDL and RL

Form 7 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Laboratory Control Sample Results

Lab Sample ID: JW5N9C

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	Spike Level	Conc	Percent Recovery	Q	Range	DF	Instr	Anal Date	Anal Time
Mercury	253.7	1.0	1.0	104.0		80-120	1	CVAA	5/17/2007	16:27

Comments: Lot #: F7E110218

U Result is less than the IDL

B Result is between MDL and RL

Form 7 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: JWRGXV

Original Sample ID: JWRGX **Client ID:** M48-L

Matrix: Water **Units:** ug/L **Prep Date:** 5/16/2007 **Prep Batch:** 7136320

Weight: 50 **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Aluminum	27	157	U	786	U		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Antimony	123	10.0	U	50.0	U		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Arsenic	75	147		200	U		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Barium	135	17.2	B	24.7	U		20	100	ICPMS	5/25/2007	16:39	5/25/2007	16:52
Beryllium	9	1.8	U	8.8	U		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Boron	10	4010	N	4550	B		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Cadmium	111	1.2	U	5.7	U		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Calcium	44	175000	N	182000		4.4	20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Chromium	52	945	N	879	B		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Cobalt	59	6.3	U	31.3	U		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Copper	65	5.0	U	25.0	U		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Iron	57	188	UN*	940	U		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Lead	208	9.8	U	49.2	U		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Magnesium	24	86600	N	88000		1.6	20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Manganese	55	23.6	B	34.2	U		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Molybdenum	97	20.2	B	50.0	U		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Nickel	60	10.3	U	51.7	U		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Platinum	194	2.0	U	10.0	U		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Potassium	39	9890		9030	B		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Selenium	82	20.0	U	100	U		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Silver	107	4.1	U	20.3	U		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Sodium	23	470000	N	479000		1.8	20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Strontium	88	6850	N*	7020		2.5	20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Thallium	205	9.7	B	32.0	U		20	100	ICPMS	5/25/2007	16:39	5/25/2007	16:52
Tin	118	4.0	U	20.0	U		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Titanium	47	7.8	U	39.1	U		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Tungsten	182	39.0	B	50.0	U		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Uranium	238	40.7		42.5	B		20	100	ICPMS	5/24/2007	20:22	5/24/2007	20:40
Vanadium	51	112	B	160	U		20	100	ICPMS	5/25/2007	16:39	5/25/2007	16:52
Zinc	66	36.9	B	100	U		20	100	ICPMS	5/25/2007	16:39	5/25/2007	16:52

Comments: 100X

Version 4.75.1

U Result is less than the IDL
B Result is between MDL and RL
E Serial dilution percent difference not within limits

Form 9 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: JWRGXV

Original Sample ID: JWRGX **Client ID:** M48-L

Matrix: Water **Units:** ug/L **Prep Date:** 5/17/2007 **Prep Batch:** 7137176

Weight: 30 **Volume:** 30 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Mercury	253.7	0.093	U	0.46	U		1	5	CVAA	5/17/2007	16:29	5/17/2007	16:36

Comments:

Version 4.75.1

U Result is less than the IDL
B Result is between MDL and RL
E Serial dilution percent difference not within limits

Form 9 Equivalent

STL-ST. LOUIS

Metals Data Reporting Form

Instrument Detection Limits

Instrument: CVAA **Units:** ug/L

Element	Wavelength /Mass	Reporting Limit	MDL	Date of MDL
Mercury	253.70	0.2	0.093	8/25/2005

STL-ST. LOUIS

Metals Data Reporting Form

Instrument Detection Limits

Instrument: ICPMS **Units:** ppb

Element	Wavelength /Mass	Reporting Limit	MDL	Date of MDL
Aluminum	27.00	25	7.9	12/23/2005
Antimony	123.00	1	0.50	12/23/2005
Arsenic	75.00	5	2.0	12/23/2005
Barium	135.00	2	0.25	12/23/2005
Beryllium	9.00	0.5	0.088	12/23/2005
Boron	10.00	50	6.7	12/23/2005
Cadmium	111.00	0.5	0.057	12/23/2005
Calcium	44.00	100	21.0	12/23/2005
Chromium	52.00	10	2.8	12/23/2005
Cobalt	59.00	2	0.31	12/23/2005
Copper	65.00	1	0.25	12/23/2005
Iron	57.00	20	9.4	12/23/2005
Lead	208.00	3	0.49	12/23/2005
Magnesium	24.00	50	6.4	12/23/2005
Manganese	55.00	2	0.34	12/23/2005
Molybdenum	97.00	5	0.50	12/23/2005
Nickel	60.00	5	0.52	12/23/2005
Platinum	194.00	1	0.10	12/23/2005
Potassium	39.00	100	10.0	12/23/2005
Selenium	82.00	5	1.0	12/23/2005
Silver	107.00	2	0.20	12/23/2005
Sodium	23.00	50	11.0	12/23/2005
Strontium	88.00	5	0.53	12/23/2005
Thallium	205.00	2	0.32	12/23/2005
Tin	118.00	2	0.20	12/23/2005
Titanium	47.00	2	0.39	12/23/2005
Tungsten	182.00	5	0.50	12/23/2005
Uranium	238.00	1	0.21	12/23/2005
Vanadium	51.00	10	1.6	12/23/2005
Zinc	66.00	10	1.0	12/23/2005

STL-ST. LOUIS

Metals Data Reporting Form

Linear Dynamic Ranges

Instrument: CVAA **Units:** ug/L

Element	Wavelength /Mass	Linear Range	Date of Linear Range
Mercury	253.70	10	1/3/2006

STL-ST. LOUIS

Metals Data Reporting Form

Linear Dynamic Ranges

Instrument: ICPMS **Units:** ppb

Element	Wavelength /Mass	Linear Range	Date of Linear Range
Aluminum	27.00	100000	2/1/2006
Antimony	123.00	20000	1/16/2006
Arsenic	75.00	20000	1/16/2006
Barium	135.00	4000	1/16/2006
Beryllium	9.00	10000	1/16/2006
Boron	10.00	10000	1/16/2006
Cadmium	111.00	10000	1/16/2006
Calcium	44.00	500000	1/16/2006
Chromium	52.00	20000	1/16/2006
Cobalt	59.00	20000	1/16/2006
Copper	65.00	10000	1/16/2006
Iron	57.00	500000	1/16/2006
Lead	208.00	20000	1/16/2006
Magnesium	24.00	100000	1/16/2006
Manganese	55.00	20000	1/16/2006
Molybdenum	97.00	10000	1/16/2006
Nickel	60.00	20000	1/16/2006
Platinum	194.00	50000	1/16/2006
Potassium	39.00	100000	2/1/2006
Selenium	82.00	20000	1/16/2006
Silver	107.00	400	1/16/2006
Sodium	23.00	100000	1/16/2006
Strontium	88.00	20000	1/16/2006
Thallium	205.00	20000	1/16/2006
Tin	118.00	10000	1/16/2006
Titanium	47.00	4000	1/16/2006
Tungsten	182.00	50000	1/16/2006
Uranium	238.00	20000	1/16/2006
Vanadium	51.00	20000	1/16/2006
Zinc	66.00	20000	1/16/2006

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Metals Data Reporting Form

Preparation Log

Preparation Batch: 7136320 **Instrument:** ICP **Matrix:** Water

Sample ID	Prep Date	Weight (g)	Volume (ml)	% Moisture
JW3MLB	5/16/2007	50	50	NA
JW3MLC	5/16/2007	50	50	NA
JWRG3	5/16/2007	50	50	NA
JWRG3D	5/16/2007	50	50	NA
JWRG3S	5/16/2007	50	50	NA
JWRG5	5/16/2007	50	50	NA
JWRG7	5/16/2007	50	50	NA
JWRG8	5/16/2007	50	50	NA
JWRGX	5/16/2007	50	50	NA
JWRGXD	5/16/2007	50	50	NA
JWRGXS	5/16/2007	50	50	NA
JWRH0	5/16/2007	50	50	NA
JWRH1	5/16/2007	50	50	NA
JWRH2	5/16/2007	50	50	NA
JWRH3	5/16/2007	50	50	NA
JWRH5	5/16/2007	50	50	NA
JWRH6	5/16/2007	50	50	NA
JWRH8	5/16/2007	50	50	NA
JWRH9	5/16/2007	50	50	NA
JWRHC	5/16/2007	50	50	NA
JWRHD	5/16/2007	50	50	NA
JWRHH	5/16/2007	50	50	NA
JWRHL	5/16/2007	50	50	NA
JWRHR	5/16/2007	50	50	NA
JWRHW	5/16/2007	50	50	NA
JWRHX	5/16/2007	50	50	NA

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Metals Data Reporting Form

Preparation Log

Preparation Batch: 7137176 **Instrument:** CVAA **Matrix:** Water

Sample ID	Prep Date	Weight (g)	Volume (ml)	% Moisture
JW5N9B	5/17/2007	30	30	NA
JW5N9C	5/17/2007	30	30	NA
JWRG3	5/17/2007	30	30	NA
JWRG3D	5/17/2007	30	30	NA
JWRG3S	5/17/2007	30	30	NA
JWRG5	5/17/2007	30	30	NA
JWRG7	5/17/2007	30	30	NA
JWRG8	5/17/2007	30	30	NA
JWRGX	5/17/2007	30	30	NA
JWRGXD	5/17/2007	30	30	NA
JWRGXS	5/17/2007	30	30	NA
JWRH0	5/17/2007	30	30	NA
JWRH1	5/17/2007	30	30	NA
JWRH2	5/17/2007	30	30	NA
JWRH3	5/17/2007	30	30	NA
JWRH5	5/17/2007	30	30	NA
JWRH6	5/17/2007	30	30	NA
JWRH8	5/17/2007	30	30	NA
JWRH9	5/17/2007	30	30	NA
JWRHC	5/17/2007	30	30	NA
JWRHD	5/17/2007	30	30	NA
JWRHH	5/17/2007	30	30	NA
JWRHL	5/17/2007	30	30	NA
JWRHR	5/17/2007	30	30	NA
JWRHW	5/17/2007	30	30	NA
JWRHX	5/17/2007	30	30	NA

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Metals Data Reporting Form

Instrument Runlog

Instrument: CVAA **Chart Number:** AA0517E.PRN

Lab Sample Name	Client Sample Name	Date of Analysis	Time of Analysis
Std01Rep1		5/17/2007	14:35
Std02Rep1		5/17/2007	14:38
Std03Rep1		5/17/2007	14:41
Std04Rep1		5/17/2007	14:43
Std05Rep1		5/17/2007	14:45
Std06Rep1		5/17/2007	14:47
ICV		5/17/2007	14:49
ICB		5/17/2007	14:52
CRA		5/17/2007	14:54
CCV		5/17/2007	14:56
CCB		5/17/2007	14:58
ZZZZZZ		5/17/2007	15:00
ZZZZZZ		5/17/2007	15:03
ZZZZZZ		5/17/2007	15:05
ZZZZZZ		5/17/2007	15:07
ZZZZZZ		5/17/2007	15:10
ZZZZZZ		5/17/2007	15:12
ZZZZZZ		5/17/2007	15:15
ZZZZZZ		5/17/2007	15:17
ZZZZZZ		5/17/2007	15:20
ZZZZZZ		5/17/2007	15:22
CCV		5/17/2007	15:24
CCB		5/17/2007	15:26
ZZZZZZ		5/17/2007	15:29
ZZZZZZ		5/17/2007	15:31
ZZZZZZ		5/17/2007	15:33
ZZZZZZ		5/17/2007	15:35
ZZZZZZ		5/17/2007	15:39
ZZZZZZ		5/17/2007	15:42
ZZZZZZ		5/17/2007	15:45
ZZZZZZ		5/17/2007	15:47
ZZZZZZ		5/17/2007	15:49
ZZZZZZ		5/17/2007	15:51
CCV		5/17/2007	15:53
CCB		5/17/2007	15:55
ZZZZZZ		5/17/2007	15:58
ZZZZZZ		5/17/2007	16:00
ZZZZZZ		5/17/2007	16:02
ZZZZZZ		5/17/2007	16:04

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Metals Data Reporting Form

Instrument Runlog

Instrument: CVAA **Chart Number:** AA0517E.PRN

Lab Sample Name	Client Sample Name	Date of Analysis	Time of Analysis
ZZZZZZ		5/17/2007	16:06
ZZZZZZ		5/17/2007	16:09
ZZZZZZ		5/17/2007	16:11
ZZZZZZ		5/17/2007	16:13
ZZZZZZ		5/17/2007	16:15
ZZZZZZ		5/17/2007	16:18
CCV		5/17/2007	16:20
CCB		5/17/2007	16:22
JW5N9B		5/17/2007	16:24
JW5N9C		5/17/2007	16:27
JWRGX	M48-L	5/17/2007	16:29
JWRGXS	M48-L S	5/17/2007	16:32
JWRGXD	M48-L D	5/17/2007	16:34
JWRGXV	M48-L	5/17/2007	16:36
JWRG3	M48-F	5/17/2007	16:39
JWRG3S	M48-F S	5/17/2007	16:41
JWRG3D	M48-F D	5/17/2007	16:43
JWRG5	M48-Z	5/17/2007	16:45
CCV		5/17/2007	16:47
CCB		5/17/2007	16:49
JWRG7	M5A-L	5/17/2007	16:51
JWRG8	M5A-F	5/17/2007	16:53
JWRHC	M5A-Z	5/17/2007	16:56
JWRHD	M39-L	5/17/2007	16:58
CCV		5/17/2007	17:01
CCB		5/17/2007	17:03
JWRHH	M39-LD	5/17/2007	17:05
JWRHL	M39-F	5/17/2007	17:07
JWRHR	M39-FD	5/17/2007	17:09
JWRHW	M39-Z	5/17/2007	17:11
JWRHX	M39-ZD	5/17/2007	17:13
JWRH0	M95-L	5/17/2007	17:15
JWRH1	M95-LD	5/17/2007	17:18
JWRH2	M95-F	5/17/2007	17:21
JWRH3	M95-FD	5/17/2007	17:23
JWRH5	M95-Z	5/17/2007	17:25
CCV		5/17/2007	17:27
CCB		5/17/2007	17:29
JWRH6	M95-ZD	5/17/2007	17:32

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Metals Data Reporting Form

Instrument Runlog

Instrument: CVAA **Chart Number:** AA0517E.PRN

Lab Sample Name	Client Sample Name	Date of Analysis	Time of Analysis
JWRH8	EB051007-Z	5/17/2007	17:34
JWRH9	EB051007-F	5/17/2007	17:36
ZZZZZZ		5/17/2007	17:39
ZZZZZZ		5/17/2007	17:41
ZZZZZZ		5/17/2007	17:43
ZZZZZZ		5/17/2007	17:45
ZZZZZZ		5/17/2007	17:47
ZZZZZZ		5/17/2007	17:50
ZZZZZZ		5/17/2007	17:52
CCV		5/17/2007	17:54
CCB		5/17/2007	17:56
ZZZZZZ		5/17/2007	17:59
ZZZZZZ		5/17/2007	18:01
ZZZZZZ		5/17/2007	18:03
ZZZZZZ		5/17/2007	18:05
ZZZZZZ		5/17/2007	18:08
ZZZZZZ		5/17/2007	18:10
ZZZZZZ		5/17/2007	18:12
ZZZZZZ		5/17/2007	18:14
ZZZZZZ		5/17/2007	18:17
ZZZZZZ		5/17/2007	18:19
ZZZZZZ		5/17/2007	18:21
ZZZZZZ		5/17/2007	18:23
ZZZZZZ		5/17/2007	18:25
ZZZZZZ		5/17/2007	18:28
ZZZZZZ		5/17/2007	18:31
ZZZZZZ		5/17/2007	18:33
ZZZZZZ		5/17/2007	18:35
ZZZZZZ		5/17/2007	18:38
ZZZZZZ		5/17/2007	18:40
ZZZZZZ		5/17/2007	18:42
ZZZZZZ		5/17/2007	18:44
ZZZZZZ		5/17/2007	18:46

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Metals Data Reporting Form

Instrument Runlog

Instrument: ICPMS **Chart Number:** 052407M3.REP

Lab Sample Name	Client Sample Name	Date of Analysis	Time of Analysis
CALBLK		5/24/2007	12:33
CAL1		5/24/2007	12:39
CAL2		5/24/2007	12:45
CAL3		5/24/2007	12:50
CAL4		5/24/2007	12:56
CAL5		5/24/2007	13:01
ICV		5/24/2007	13:10
ICB		5/24/2007	13:17
CRI		5/24/2007	13:23
ICSA		5/24/2007	13:30
ICSAB		5/24/2007	13:37
CCV		5/24/2007	13:45
CCB		5/24/2007	13:52
ZZZZZZ		5/24/2007	13:58
ZZZZZZ		5/24/2007	14:04
ZZZZZZ		5/24/2007	14:10
ZZZZZZ		5/24/2007	14:17
ZZZZZZ		5/24/2007	14:23
ZZZZZZ		5/24/2007	14:29
ZZZZZZ		5/24/2007	14:35
ZZZZZZ		5/24/2007	14:41
ZZZZZZ		5/24/2007	14:47
ZZZZZZ		5/24/2007	14:53
CCV		5/24/2007	14:59
CCB		5/24/2007	15:06
ZZZZZZ		5/24/2007	15:12
ZZZZZZ		5/24/2007	15:19
ZZZZZZ		5/24/2007	15:25
ZZZZZZ		5/24/2007	15:31
ZZZZZZ		5/24/2007	15:37
ZZZZZZ		5/24/2007	15:43
ZZZZZZ		5/24/2007	15:49
ZZZZZZ		5/24/2007	15:55
ZZZZZZ		5/24/2007	16:01
ZZZZZZ		5/24/2007	16:08
CCV		5/24/2007	16:14
CCB		5/24/2007	16:20
ZZZZZZ		5/24/2007	16:27
ZZZZZZ		5/24/2007	16:33

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Metals Data Reporting Form

Instrument Runlog

Instrument: ICPMS **Chart Number:** 052407M3.REP

Lab Sample Name	Client Sample Name	Date of Analysis	Time of Analysis
ZZZZZZ		5/24/2007	16:39
ZZZZZZ		5/24/2007	16:45
ZZZZZZ		5/24/2007	16:51
ZZZZZZ		5/24/2007	16:57
ZZZZZZ		5/24/2007	17:03
ZZZZZZ		5/24/2007	17:10
ZZZZZZ		5/24/2007	17:16
ZZZZZZ		5/24/2007	17:22
CCV		5/24/2007	17:28
CCB		5/24/2007	17:35
ZZZZZZ		5/24/2007	17:41
ZZZZZZ		5/24/2007	17:47
ZZZZZZ		5/24/2007	17:53
ZZZZZZ		5/24/2007	17:59
ZZZZZZ		5/24/2007	18:05
ZZZZZZ		5/24/2007	18:12
ZZZZZZ		5/24/2007	18:18
ZZZZZZ		5/24/2007	18:24
ZZZZZZ		5/24/2007	18:30
ZZZZZZ		5/24/2007	18:36
CCV		5/24/2007	18:42
CCB		5/24/2007	18:49
ZZZZZZ		5/24/2007	18:55
ZZZZZZ		5/24/2007	19:01
ZZZZZZ		5/24/2007	19:07
ZZZZZZ		5/24/2007	19:14
ZZZZZZ		5/24/2007	19:20
ZZZZZZ		5/24/2007	19:26
ZZZZZZ		5/24/2007	19:32
ZZZZZZ		5/24/2007	19:38
ZZZZZZ		5/24/2007	19:44
ZZZZZZ		5/24/2007	19:50
CCV		5/24/2007	19:56
CCB		5/24/2007	20:03
JW3MLB		5/24/2007	20:09
JW3MLC		5/24/2007	20:15
JWRGX	M48-L	5/24/2007	20:22
JWRGXS	M48-L S	5/24/2007	20:28
JWRGXD	M48-L D	5/24/2007	20:34

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Metals Data Reporting Form

Instrument Runlog

Instrument: ICPMS **Chart Number:** 052407M3.REP

Lab Sample Name	Client Sample Name	Date of Analysis	Time of Analysis
JWRGXV	M48-L	5/24/2007	20:40
JWRG3	M48-F	5/24/2007	20:46
JWRG3S	M48-F S	5/24/2007	20:52
JWRG3D	M48-F D	5/24/2007	20:58
JWRG5	M48-Z	5/24/2007	21:04
CCV		5/24/2007	21:10
CCB		5/24/2007	21:17
JWRG7	M5A-L	5/24/2007	21:24
JWRG8	M5A-F	5/24/2007	21:30
JWRHC	M5A-Z	5/24/2007	21:36
JWRHD	M39-L	5/24/2007	21:42
JWRHH	M39-LD	5/24/2007	21:48
JWRHL	M39-F	5/24/2007	21:54
JWRHR	M39-FD	5/24/2007	22:00
JWRHW	M39-Z	5/24/2007	22:06
JWRHX	M39-ZD	5/24/2007	22:12
JWRH0	M95-L	5/24/2007	22:18
CCV		5/24/2007	22:24
CCB		5/24/2007	22:31
JWRH1	M95-LD	5/24/2007	22:37
JWRH2	M95-F	5/24/2007	22:44
JWRH3	M95-FD	5/24/2007	22:50
JWRH5	M95-Z	5/24/2007	22:56
JWRH6	M95-ZD	5/24/2007	23:02
JWRH8	EB051007-Z	5/24/2007	23:08
JWRH9	EB051007-F	5/24/2007	23:14
CCV		5/24/2007	23:20
CCB		5/24/2007	23:27

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Metals Data Reporting Form

Instrument Runlog

Instrument: ICPMS **Chart Number:** 052507M1.REP

Lab Sample Name	Client Sample Name	Date of Analysis	Time of Analysis
CALBLK		5/25/2007	10:59
CAL1		5/25/2007	11:02
CAL2		5/25/2007	11:06
CAL3		5/25/2007	11:10
CAL4		5/25/2007	11:14
CAL5		5/25/2007	11:18
ICV		5/25/2007	11:25
ICB		5/25/2007	11:30
CRI		5/25/2007	11:35
ICSA		5/25/2007	11:40
ICSAB		5/25/2007	11:45
CCV		5/25/2007	11:52
CCB		5/25/2007	11:56
ZZZZZZ		5/25/2007	12:01
ZZZZZZ		5/25/2007	12:06
ZZZZZZ		5/25/2007	12:10
ZZZZZZ		5/25/2007	12:14
ZZZZZZ		5/25/2007	12:19
ZZZZZZ		5/25/2007	12:23
ZZZZZZ		5/25/2007	12:28
ZZZZZZ		5/25/2007	12:32
ZZZZZZ		5/25/2007	12:36
ZZZZZZ		5/25/2007	12:41
CCV		5/25/2007	12:45
CCB		5/25/2007	12:50
ZZZZZZ		5/25/2007	12:55
ZZZZZZ		5/25/2007	12:59
ZZZZZZ		5/25/2007	13:04
ZZZZZZ		5/25/2007	13:08
ZZZZZZ		5/25/2007	13:13
ZZZZZZ		5/25/2007	13:17
ZZZZZZ		5/25/2007	13:22
ZZZZZZ		5/25/2007	13:26
ZZZZZZ		5/25/2007	13:30
ZZZZZZ		5/25/2007	13:35
CCV		5/25/2007	13:39
CCB		5/25/2007	13:44
ZZZZZZ		5/25/2007	13:49
ZZZZZZ		5/25/2007	13:53

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Metals Data Reporting Form

Instrument Runlog

Instrument: ICPMS **Chart Number:** 052507M1.REP

Lab Sample Name	Client Sample Name	Date of Analysis	Time of Analysis
ZZZZZZ		5/25/2007	13:58
ZZZZZZ		5/25/2007	14:02
ZZZZZZ		5/25/2007	14:06
ZZZZZZ		5/25/2007	14:11
ZZZZZZ		5/25/2007	14:15
ZZZZZZ		5/25/2007	14:20
ZZZZZZ		5/25/2007	14:24
ZZZZZZ		5/25/2007	14:29
CCV		5/25/2007	14:33
CCB		5/25/2007	14:38
ZZZZZZ		5/25/2007	14:43
ZZZZZZ		5/25/2007	14:47
ZZZZZZ		5/25/2007	14:51
ZZZZZZ		5/25/2007	14:56
ZZZZZZ		5/25/2007	15:00
ZZZZZZ		5/25/2007	15:05
ZZZZZZ		5/25/2007	15:09
ZZZZZZ		5/25/2007	15:13
ZZZZZZ		5/25/2007	15:18
ZZZZZZ		5/25/2007	15:22
CCV		5/25/2007	15:26
CCB		5/25/2007	15:31
ZZZZZZ		5/25/2007	15:36
ZZZZZZ		5/25/2007	15:41
ZZZZZZ		5/25/2007	15:45
ZZZZZZ		5/25/2007	15:49
ZZZZZZ		5/25/2007	15:54
ZZZZZZ		5/25/2007	15:58
ZZZZZZ		5/25/2007	16:03
ZZZZZZ		5/25/2007	16:07
ZZZZZZ		5/25/2007	16:12
ZZZZZZ		5/25/2007	16:16
CCV		5/25/2007	16:20
CCB		5/25/2007	16:25
JW3MLB		5/25/2007	16:30
JW3MLC		5/25/2007	16:34
JWRGX	M48-L	5/25/2007	16:39
JWRGXS	M48-L S	5/25/2007	16:43
JWRGXD	M48-L D	5/25/2007	16:47

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Metals Data Reporting Form

Instrument Runlog

Instrument: ICPMS **Chart Number:** 052507M1.REP

Lab Sample Name	Client Sample Name	Date of Analysis	Time of Analysis
JWRGXV	M48-L	5/25/2007	16:52
JWRG3	M48-F	5/25/2007	16:56
JWRG3S	M48-F S	5/25/2007	17:01
JWRG3D	M48-F D	5/25/2007	17:05
JWRG5	M48-Z	5/25/2007	17:09
CCV		5/25/2007	17:14
CCB		5/25/2007	17:19
JWRG7	M5A-L	5/25/2007	17:36
JWRG8	M5A-F	5/25/2007	17:40
JWRHC	M5A-Z	5/25/2007	17:44
JWRHD	M39-L	5/25/2007	17:49
JWRHH	M39-LD	5/25/2007	17:53
JWRHL	M39-F	5/25/2007	17:57
JWRHR	M39-FD	5/25/2007	18:02
JWRHW	M39-Z	5/25/2007	18:06
JWRHX	M39-ZD	5/25/2007	18:10
JWRH0	M95-L	5/25/2007	18:15
CCV		5/25/2007	18:19
CCB		5/25/2007	18:24
JWRH1	M95-LD	5/25/2007	18:29
JWRH2	M95-F	5/25/2007	18:33
JWRH3	M95-FD	5/25/2007	18:38
JWRH5	M95-Z	5/25/2007	18:42
JWRH6	M95-ZD	5/25/2007	18:47
JWRH8	EB051007-Z	5/25/2007	18:51
JWRH9	EB051007-F	5/25/2007	18:55
CCV		5/25/2007	19:00
CCB		5/25/2007	19:04
ZZZZZZ		5/25/2007	19:09
ZZZZZZ		5/25/2007	19:13
ZZZZZZ		5/25/2007	19:17
ZZZZZZ		5/25/2007	19:21
ZZZZZZ		5/25/2007	19:25
ZZZZZZ		5/25/2007	19:29
ZZZZZZ		5/25/2007	19:36
ZZZZZZ		5/25/2007	19:41
ZZZZZZ		5/25/2007	19:46
ZZZZZZ		5/25/2007	19:51
ZZZZZZ		5/25/2007	19:55

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Metals Data Reporting Form

Instrument Runlog

Instrument: ICPMS **Chart Number:** 052507M1.REP

Lab Sample Name	Client Sample Name	Date of Analysis	Time of Analysis
ZZZZZZ		5/25/2007	20:02
ZZZZZZ		5/25/2007	20:07
ZZZZZZ		5/25/2007	20:12
ZZZZZZ		5/25/2007	20:17
ZZZZZZ		5/25/2007	20:21
ZZZZZZ		5/25/2007	20:26
ZZZZZZ		5/25/2007	20:31
ZZZZZZ		5/25/2007	20:35
ZZZZZZ		5/25/2007	20:39
ZZZZZZ		5/25/2007	20:44
ZZZZZZ		5/25/2007	20:48
ZZZZZZ		5/25/2007	20:53
ZZZZZZ		5/25/2007	20:57
ZZZZZZ		5/25/2007	21:01
ZZZZZZ		5/25/2007	21:06
ZZZZZZ		5/25/2007	21:10
ZZZZZZ		5/25/2007	21:15
ZZZZZZ		5/25/2007	21:20
ZZZZZZ		5/25/2007	21:24
ZZZZZZ		5/25/2007	21:29
ZZZZZZ		5/25/2007	21:33
ZZZZZZ		5/25/2007	21:38
ZZZZZZ		5/25/2007	21:42
ZZZZZZ		5/25/2007	21:47
ZZZZZZ		5/25/2007	21:51
ZZZZZZ		5/25/2007	21:55
ZZZZZZ		5/25/2007	22:00
ZZZZZZ		5/25/2007	22:04
ZZZZZZ		5/25/2007	22:09
ZZZZZZ		5/25/2007	22:14
ZZZZZZ		5/25/2007	22:18
ZZZZZZ		5/25/2007	22:23
ZZZZZZ		5/25/2007	22:27
ZZZZZZ		5/25/2007	22:31
ZZZZZZ		5/25/2007	22:36
ZZZZZZ		5/25/2007	22:40
ZZZZZZ		5/25/2007	22:45
ZZZZZZ		5/25/2007	22:49
ZZZZZZ		5/25/2007	22:54

STL-ST. LOUIS

Metals Data Reporting Form

Instrument Runlog

Instrument: ICPMS **Chart Number:** 052507M1.REP

Lab Sample Name	Client Sample Name	Date of Analysis	Time of Analysis
ZZZZZZ		5/25/2007	22:58
ZZZZZZ		5/25/2007	23:03
ZZZZZZ		5/25/2007	23:08
ZZZZZZ		5/25/2007	23:12
ZZZZZZ		5/25/2007	23:16
ZZZZZZ		5/25/2007	23:21
ZZZZZZ		5/25/2007	23:25
ZZZZZZ		5/25/2007	23:30
ZZZZZZ		5/25/2007	23:34
ZZZZZZ		5/25/2007	23:38
ZZZZZZ		5/25/2007	23:43
ZZZZZZ		5/25/2007	23:47
ZZZZZZ		5/25/2007	23:51
ZZZZZZ		5/25/2007	23:56
ZZZZZZ		5/26/2007	0:01
ZZZZZZ		5/26/2007	0:06
ZZZZZZ		5/26/2007	0:10
ZZZZZZ		5/26/2007	0:15
ZZZZZZ		5/26/2007	0:19
ZZZZZZ		5/26/2007	0:23
ZZZZZZ		5/26/2007	0:28
ZZZZZZ		5/26/2007	0:32
ZZZZZZ		5/26/2007	0:36
ZZZZZZ		5/26/2007	0:41
ZZZZZZ		5/26/2007	0:45
ZZZZZZ		5/26/2007	0:50
ZZZZZZ		5/26/2007	0:55
ZZZZZZ		5/26/2007	0:59
ZZZZZZ		5/26/2007	1:04
ZZZZZZ		5/26/2007	1:08
ZZZZZZ		5/26/2007	1:12
ZZZZZZ		5/26/2007	1:17
ZZZZZZ		5/26/2007	1:21
ZZZZZZ		5/26/2007	1:25
ZZZZZZ		5/26/2007	1:30
ZZZZZZ		5/26/2007	1:34
ZZZZZZ		5/26/2007	1:39
ZZZZZZ		5/26/2007	1:43
ZZZZZZ		5/26/2007	1:48

STL-ST. LOUIS

Metals Data Reporting Form

Instrument Runlog

Instrument: ICPMS **Chart Number:** 052507M1.REP

Lab Sample Name	Client Sample Name	Date of Analysis	Time of Analysis
ZZZZZZ		5/26/2007	1:53
ZZZZZZ		5/26/2007	1:57
ZZZZZZ		5/26/2007	2:01
ZZZZZZ		5/26/2007	2:06
ZZZZZZ		5/26/2007	2:10
ZZZZZZ		5/26/2007	2:15
ZZZZZZ		5/26/2007	2:19
ZZZZZZ		5/26/2007	2:23
ZZZZZZ		5/26/2007	2:28
ZZZZZZ		5/26/2007	2:33

STL St. Louis

Form 15
ICP-MS Internal Standards Relative Intensity Summary

Lot No.: F7E110218 **SDG No.:** _____

Laboratory Sample ID	Analysis Date/Time	Element Sc	Q	Element In	Q	Element Ho	Q	Element Ge	Q
F7E160000-320B	5/24/07 20:09	104.755		104.415		105.825	Q	102.028	
F7E160000-320C	5/24/07 20:15	103.637		102.758		104.156		97.404	
F7E110218-001	5/24/07 20:22	98.711		97.609		101.259		95.673	
F7E110218-001S	5/24/07 20:28	100.057		97.108		98.751		96.204	
F7E110218-001D	5/24/07 20:34	100.662		99.370		100.769		96.428	
F7E110218-001V	5/24/07 20:40	101.620		100.481		100.825		97.456	
F7E110218-002	5/24/07 20:46	98.609		97.985		100.629		96.951	
F7E110218-002S	5/24/07 20:52	102.768		101.031		101.558		98.240	
F7E110218-002D	5/24/07 20:58	100.989		100.777		102.395		97.576	
F7E110218-003	5/24/07 21:04	100.689		98.876		100.674		97.691	
CCV	5/24/07 21:10	97.995		97.987		99.873		94.421	
CCB	5/24/07 21:17	98.466		99.594		100.521		95.761	
F7E110218-004	5/24/07 21:24	100.563		98.568		100.874		97.104	
F7E110218-005	5/24/07 21:30	101.630		99.358		100.741		97.202	
F7E110218-006	5/24/07 21:36	100.471		97.810		99.873		97.397	
F7E110218-007	5/24/07 21:42	99.250		98.205		99.372		96.552	
F7E110218-008	5/24/07 21:48	100677		97.842		100.183		96.865	
F7E110218-009	5/24/07 21:54	101.141		99.023		101.224		97.586	
F7E110218-010	5/24/07 22:00	101.827		99.213		101.243		97.019	
F7E110218-011	5/24/07 22:06	100.075		98.943		100.544		96.836	
F7E110218-012	5/24/07 22:12	98.294		96.092		98.138		96.335	
F7E110218-013	5/24/07 22:18	97.058		95.380		97.055		93.984	
CCV	5/24/07 22:24	97.216		95.684		96.715		92.612	

Criteria: Samples - 30% - 150%
ICV, ICB, CCV, CCB, ICSA, ICSAB - 80% - 120%

STL St. Louis

Form 15
ICP-MS Internal Standards Relative Intensity Summary

Lot No.: F7E110218 **SDG No.:** _____

Laboratory Sample ID	Analysis Date/Time	Element Sc	Q	Element In	Q	Element Ho	Q	Element Ge	Q
JW3MLB	5/25/07 16:30	99.60				101.39		96.89	
JW3MLC	5/25/07 16:34	102.83				102.02		96.76	
JWRGX	5/25/07 16:39	100.04				101.40		97.31	
JWRGXS	5/25/07 16:43	100.55				103.43		97.40	
JWRGXD	5/25/07 16:47	100.95				102.71		98.05	
JWRGXV	5/25/07 16:52	98.48				101.59		97.13	
JWRG3	5/25/07 16:56	99.76				102.04		97.26	
JWRG3S	5/25/07 17:01	99.45				101.70		97.62	
JWRG3D	5/25/07 17:05	100.17				101.65		97.79	
JWRG5	5/25/07 17:09	100.29				101.99		96.99	
CCV	5/25/07 17:14	99.20				101.98		95.93	
CCB	5/25/07 17:19	95.87				101.38		95.07	
JWRG7	5/25/07 17:36	98.80				101.86		96.84	
JWRG8	5/25/07 17:40	99.84				101.61		97.62	
JWRHC	5/25/07 17:44	99.57				101.67		98.06	
JWRHD	5/25/07 17:49	99.56				102.99		97.88	
JWRHH	5/25/07 17:53	98.80				102.55		97.59	
JWRHL	5/25/07 17:57	98.55				101.53		97.57	
JWRHR	5/25/07 18:02	98.66				102.11		96.88	
JWRHW	5/25/07 18:06	99.29				103.71		97.74	
JWRHX	5/25/07 18:10	99.92				102.13		97.48	
JWRH0	5/25/07 18:15	98.31				101.74		96.82	
CCV	5/25/07 18:19	99.58				101.70		97.24	
CCB	5/25/07 18:24	96.38				101.37		95.44	

JWRH1	5/25/07 18:29	96.53				100.83		95.33	
JWRH2	5/25/07 18:33	96.67				99.55		94.94	
JWRH3	5/25/07 18:38	98.49				101.91		96.36	
JWRH5	5/25/07 18:42	97.76				100.26		96.63	
JWRH6	5/25/07 18:47	97.74				100.60		96.18	
JWRH8	5/25/07 18:51	99.64				102.19		96.52	
JWRH9	5/25/07 18:55	99.70				103.64		97.69	
CCV	5/25/07 19:00	98.30				100.67		95.79	
CCB	5/25/07 19:04	94.91				99.68		94.14	

Criteria: Samples - 30% - 150%
ICV, ICB, CCV, CCB, ICSA, ICSAB - 80% - 120%

STL St. Louis

Form 15
ICP-MS Internal Standards Relative Intensity Summary

Lot No.: F7E110218 **SDG No.:** _____

Laboratory Sample ID	Analysis Date/Time	Element Sc	Q	Element In	Q	Element Ho	Q	Element Ge	Q
CCB	5/24/07 22:31	97.576		97.097		99.620	Q	94.941	
F7E110218-014	5/24/07 22:37	98.936		95.465		98.278		94.805	
F7E110218-015	5/24/07 22:44	98.543		94.052		96.646		92.807	
F7E110218-016	5/24/07 22:50	97.003		95.724		97.804		94.384	
F7E110218-017	5/24/07 22:56	95.276		93.527		95.265		92.478	
F7E110218-018	5/24/07 23:02	94.850		92.081		93.859		91.350	
F7E110218-019	5/24/07 23:08	98.912		97.113		98.787		97.715	
F7E110218-020	5/24/07 23:14	99.896		98.888		100.572		96.980	
CCV	5/24/07 23:20	97.167		94.554		95.636		92.068	
CCB	5/24/07 23:27	96.288		95.298		95.686		93.781	

Criteria: Samples - 30% - 150%
ICV, ICB, CCV, CCB, ICSA, ICSAB - 80% - 120%

METALS RAW DATA

File: DT052407M3

Sample/Batch Report

STL ST. LOUIS - PERKIN ELMER ELAN 6100 - METHOD 6020 / 200.8 QUANTITATIVE ANALYSIS REP

User Name: stlmetals
Computer Name: SLICP03
Sample File: D:\Elandata\Sample\SW846 TEMP.sam
Report Date/Time: Thursday, May 24, 2007 08:35:02
Method File: d:\Elandata\Method\DAILY EPA.mth
Tuning File: d:\Elandata\Tuning\EPA TUNING.tun
Optimization File: d:\Elandata\Optimize\EPA.dac
Calibration File:
Calibration Type: External Calibration
Number of Replicates: 6
Number of Readings: 1
Number of Sweeps: 60
Dual Detector Mode: Pulse

MS052107

A/S Loc.	Batch ID	Sample ID	Description	Aliquot Vol.	Diluted Vol.
24	7134307	JWXAHB			
25	7134307	JWXAHC			
26	7134307	JWPA2	10X		
27	7134307	JWPA2S	10X		
28	7134307	JWPA2D	10X		
29	7134307	JWPA2V	50X		
30	7134307	JWPA3	10X		
31	7134307	JWPA3S	10X		
32	7134307	JWPA3D	10X		
33	7134307	JWPA4	10X		
34	7134307	JWPA5	50X		
35	7134307	JWPA6	50X		
36	7134307	JWPA7	50X		
37	7134307	JWPA8	25X		
38	7134307	JWPA9	25X		
39	7134307	JWPCA	25X		
40	7134307	JWPCD	50X		
41	7134307	JWPCF	50X		
42	7134307	JWPCG	50X		
43	7134307	JWPCK	50X		
44	7134307	JWPCN	50X		
45	7134307	JWPCP			
46	7136319	JW3MAB			
47	7136319	JW3MAC			
48	7136319	JWN8W	50X		
49	7136319	JWN8WS	50X		
50	7136319	JWN8WD	50X		
51	7136319	JWN8WV	250X		
52	7136319	JWN9G	50X		
53	7136319	JWN9J	50X		
54	7136319	JWN9K	50X		
55	7136319	JWN9L	50X		
56	7136319	JWN9T	50X		
57	7135271	JW057B			
58	7135271	JW057C			
59	7135271	JW0G7	50X		
60	7135271	JW0G7S	50X		
61	7135271	JW0G7D	50X		
62	7135271	JW0G7V	250X		
63	7135271	JW0G9	50X		
64	7135271	JW0HA	100X		

65	7135271	JW0HC	100X
66	7135271	JW0HD	100X
67	7135271	JW0HE	25X
68	7135271	JW0HF	25X
69	7135271	JW0HJ	25X
70	7135271	JW0HK	100X
71	7135271	JW0HL	100X
72	7135271	JW0HN	100X
73	7135271	JW0HP	
74	7136320	[redacted]	
75	7136320	JW3MLC	
76	7136320	JWRGX	20X
77	7136320	JWRGXS	20X
78	7136320	JWRGXD	20X
79	7136320	JWRGXV	100X
80	7136320	JWRG3	20X
81	7136320	JWRG3S	20X
82	7136320	JWRG3D	20X
83	7136320	JWRG5	20X
84	7136320	JWRG7	100X
85	7136320	JWRG8	100X
86	7136320	JWRHC	100X
87	7136320	JWRHD	50X
88	7136320	JWRHH	50X
89	7136320	JWRHL	50X
90	7136320	JWRHR	50X
91	7136320	JWRHW	50X
92	7136320	JWRHX	50X
93	7136320	JWRH0	50X
94	7136320	JWRH1	50X
95	7136320	JWRH2	50X
96	7136320	JWRH3	50X
97	7136320	JWRH5	50X
98	7136320	JWRH6	50X
99	7136320	JWRH8	
100	7136320	[redacted]	

All except Zn, V, Ba, Tl — CCV + V, Ba, Tl

+Zn

All except V, Ba, Tl, Zn — CCV + V

All except V, Zn — CCV + V

CCV + V

Quantitative Analysis Calibration Report

File Name: 052407M3.cal
File Path: D:\Elandata\System
Calibration Type: External Calibration

Analyte	Mass	Curve Type	Slope	Intercept	Corr. Coeff.
Be	9.012	Linear Thru Zero	0.000327	0.00	0.999993
B	10.013	Linear Thru Zero	0.000074	0.00	0.999901
Na	22.990	Linear Thru Zero	0.010049	0.00	0.999998
Mg	23.985	Linear Thru Zero	0.006831	0.00	0.999995
Al	26.982	Linear Thru Zero	0.009809	0.00	0.999992
K	38.964	Linear Thru Zero	0.014645	0.00	0.999996
Ca	43.956	Linear Thru Zero	0.000495	0.00	0.999869
Sc-1	44.956	Linear Thru Zero	0.000000	0.00	0.000000
V	50.944	Linear Thru Zero	0.017453	0.00	0.999994
Cr	51.941	Linear Thru Zero	0.014448	0.00	0.999916
Mn	54.938	Linear Thru Zero	0.022015	0.00	0.999984
Fe	56.935	Linear Thru Zero	0.000397	0.00	0.999781
Co	58.933	Linear Thru Zero	0.015546	0.00	0.999959
Ni	59.933	Linear Thru Zero	0.003384	0.00	0.999983
Cu	64.928	Linear Thru Zero	0.004038	0.00	0.999996
Zn	65.926	Linear Thru Zero	0.002349	0.00	0.999996
Ge-1	71.922	Linear Thru Zero	0.000000	0.00	0.000000
As	74.922	Linear Thru Zero	0.002348	0.00	0.999992
Se	81.917	Linear Thru Zero	0.000253	0.00	1.000000
Mo	96.906	Linear Thru Zero	0.001827	0.00	0.999996
Ag	106.905	Linear Thru Zero	0.007948	0.00	0.999987
Cd	110.904	Linear Thru Zero	0.001765	0.00	0.999998
In-1	114.904	Linear Thru Zero	0.000000	0.00	0.000000
Sb	122.904	Linear Thru Zero	0.004593	0.00	0.999980
Ba	134.906	Linear Thru Zero	0.001286	0.00	0.999974
Ho-1	164.930	Linear Thru Zero	0.000000	0.00	0.000000
Tl	204.975	Linear Thru Zero	0.014321	0.00	0.999987
Pb	207.977	Linear Thru Zero	0.019394	0.00	0.999942
U	238.050	Linear Thru Zero	0.012460	0.00	0.999958
Sc-2	44.956	Linear Thru Zero	0.000000	0.00	0.000000
Cr	52.941	Linear Thru Zero	0.001408	0.00	0.994514
Fe	53.940	Linear Thru Zero	0.001035	0.00	0.999874
Ni	60.931	Linear Thru Zero	0.000153	0.00	0.999999
Cu	62.930	Linear Thru Zero	0.007936	0.00	0.999983
Zn	66.927	Linear Thru Zero	0.000417	0.00	0.999949
Ge	71.922	Linear Thru Zero	0.000000	0.00	0.000000
Se	76.920	Linear Thru Zero	0.000183	0.00	0.999816
Mo	97.906	Linear Thru Zero	0.004698	0.00	0.999982
Ag	108.905	Linear Thru Zero	0.007980	0.00	0.999993
In-2	114.904	Linear Thru Zero	0.000000	0.00	0.000000

Report Date/Time: Friday, May 25, 2007 07:55:05
Page 1

Cd	113.904	Linear Thru Zero	0.003933	0.00	0.999943
Sb	120.904	Linear Thru Zero	0.005951	0.00	0.999962
Ba	136.905	Linear Thru Zero	0.002171	0.00	0.999938
Ho-2	164.930	Linear Thru Zero	0.000000	0.00	0.000000
W	181.948	Linear Thru Zero	0.004532	0.00	0.999969
W	182.950	Linear Thru Zero	0.002492	0.00	0.999997
Pt	193.963	Linear Thru Zero	0.003574	0.00	0.999997
Pt	194.965	Linear Thru Zero	0.003664	0.00	0.999988
Tl	202.972	Linear Thru Zero	0.006023	0.00	0.999976
Pb	205.975	Linear Thru Zero	0.005025	0.00	0.999975
Pb	206.976	Linear Thru Zero	0.004201	0.00	0.999974
Sc	44.956	Linear Thru Zero	0.000000	0.00	0.000000
Ti	46.952	Linear Thru Zero	0.001379	0.00	0.999996
Sr	85.909	Linear Thru Zero	0.004689	0.00	1.000000
Sr	87.906	Linear Thru Zero	0.040248	0.00	0.999994
In	114.904	Linear Thru Zero	0.000000	0.00	0.000000
Sn	117.902	Linear Thru Zero	0.005140	0.00	0.999987
Sn	119.902	Linear Thru Zero	0.006931	0.00	0.999964

Instrument Tuning Report

File Name: EPA TUNING.tun
File Path: d:\Elandata\Tuning
Sample ID: Sample
Sample Date/Time: Thursday, May 24, 2007 07:56:18

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas. Pk. Width	Custom Res.
He	3.016	3.027	602	2081	0.635	
Mg	23.985	23.979	5684	2074	0.638	
Rh	102.905	102.829	24918	2051	0.710	
Ce	139.905	139.929	33943	2105	0.646	
Pb	207.977	207.977	50420	2289	0.655	

Replicates: 6

Meas. Intens. RSD	Mass
0.401	2.000
0.679	3.000
9.824	4.000
29.814	5.000
20.510	22.000
0.847	23.000
0.815	24.000
2.287	25.000
0.940	26.000
3.132	102.000
1.070	103.000
23.135	104.000
5.692	139.000
0.672	140.000
12.689	141.000
0.932	206.000
0.719	207.000
0.649	208.000
27.303	209.000

Report Date/Time: Thursday, May 24, 2007 08:01:16
Page 1

Daily Performance Report

Sample ID: Sample
Sample Date/Time: Thursday, May 24, 2007 08:12:31
Sample Description:
Method File: d:\Elandata\Method\DAILY EPA.mth
Dataset File: d:\Elandata\Dataset\DAILY PEFORMANCE EPA\Sample.701
Tuning File: d:\Elandata\Tuning\EPA TUNING.tun
Optimization File: d:\Elandata\Optimize\EPA.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 35
Current Dead Time (ns): 35

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	57433.4	57433.450	520.633	0.9
	Rh	102.9	264783.8	264783.818	1828.481	0.7
	Pb	208.0	217961.5	217961.484	1223.317	0.6
⌈>	Ba	137.9	277158.9	277158.937	870.567	0.3
⌊	Ba++	69.0	4415.4	0.016	0.000	1.7
⌈>	Ce	139.9	325581.9	325581.949	1567.992	0.5
⌊	CeO	155.9	8353.2	0.026	0.000	0.6
	Bkgd	220.0	5.6	5.611	1.512	26.9

Current Optimization File Data

Current Value	Description
0.86	Nebulizer Gas Flow
6.00	Lens Voltage
1150.00	ICP RF Power
-2187.50	Analog Stage Voltage
1200.00	Pulse Stage Voltage
70.00	Discriminator Threshold
-13.00	AC Rod Offset
60.00	Service DAC 1
0.00	Quadrupole Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	25	8.3	2465.2
Mg	24	25	7.8	60116.2
Co	59	25	8.8	116054.5
Rh	103	25	9.8	300791.7
In	115	25	10.0	355826.9
Ba	138	25	10.0	283051.6
Ce	140	25	10.0	344633.5
Pb	208	25	10.0	167192.7

QUANTITATIVE ANALYSIS REPORT

Sample ID: Blank
Sample Date/Time: Thursday, May 24, 2007 12:33:56
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052407m1\Blank.042

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be			3.000	ug/L	
	10	B			90.668	ug/L	
	23	Na			24909.622	ug/L	
	24	Mg			6273.773	ug/L	
	27	Al			15227.265	ug/L	
	39	K			707925.205	ug/L	
	44	Ca			48369.900	ug/L	
>	45	Sc-1			467697.114	ug/L	
	51	V			-17188.401	ug/L	
	52	Cr			43700.177	ug/L	
	55	Mn			3939.583	ug/L	
	57	Fe			6563.304	ug/L	
	59	Co			70.668	ug/L	
	60	Ni			205.004	ug/L	
	65	Cu			201.670	ug/L	
	66	Zn			3569.482	ug/L	
>	72	Ge-1			592936.498	ug/L	
	75	As			-502.888	ug/L	
	82	Se			-70.642	ug/L	
	97	Mo			69.001	ug/L	
	107	Ag			109.002	ug/L	
	111	Cd			35.667	ug/L	
>	115	In-1			994304.053	ug/L	
	123	Sb			235.401	ug/L	
	135	Ba			183.670	ug/L	
>	165	Ho-1			1276105.159	ug/L	
	205	Tl			1936.818	ug/L	
	208	Pb			3500.871	ug/L	
	238	U			35.667	ug/L	
>	45	Sc-2			467697.114	ug/L	
	53	Cr			319041.768	ug/L	
	54	Fe			42890.999	ug/L	
	61	Ni			1069.051	ug/L	
	63	Cu			321.674	ug/L	
	67	Zn			21519.078	ug/L	
>	72	Ge			592936.498	ug/L	
	77	Se			13366.987	ug/L	
	98	Mo			95.062	ug/L	
	109	Ag			120.002	ug/L	
>	115	In-2			994304.053	ug/L	
	114	Cd			53.748	ug/L	
	121	Sb			329.340	ug/L	
	137	Ba			281.339	ug/L	
>	165	Ho-2			1276105.159	ug/L	
	182	W			457.679	ug/L	
	183	W			253.338	ug/L	
	194	Pt			76.668	ug/L	
	195	Pt			48.001	ug/L	
	203	Tl			780.029	ug/L	
	206	Pb			888.037	ug/L	
	207	Pb			745.027	ug/L	
>	45	Sc			467697.114	ug/L	
	47	Ti			647.355	ug/L	
	86	Sr			151.307	ug/L	
	88	Sr			1301.072	ug/L	
>	115	In			994304.053	ug/L	
	118	Sn			357.341	ug/L	

L 120 Sn 488.632 ug/L

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
⌈	Be	9		
|	B	10		
|	Na	23		
|	Mg	24		
|	Al	27		
|	K	39		
|	Ca	44		
|>	Sc-1	45		
|	V	51		
|	Cr	52		
|	Mn	55		
|	Fe	57		
|	Co	59		
|	Ni	60		
|	Cu	65		
L	Zn	66		
⌈>	Ge-1	72		
|	As	75		
L	Se	82		
⌈	Mo	97		
|	Ag	107		
|	Cd	111		
|>	In-1	115		
L	Sb	123		
⌈	Ba	135		
|>	Ho-1	165		
|	Tl	205		
|	Pb	208		
L	U	238		
⌈>	Sc-2	45		
|	Cr	53		
|	Fe	54		
|	Ni	61		
|	Cu	63		
L	Zn	67		
⌈>	Ge	72		
L	Se	77		
⌈	Mo	98		
|	Ag	109		
|>	In-2	115		
|	Cd	114		
L	Sb	121		
⌈	Ba	137		
|>	Ho-2	165		
|	W	182		
|	W	183		
|	Pt	194		
|	Pt	195		
|	Tl	203		
|	Pb	206		
L	Pb	207		
⌈>	Sc	45		
|	Ti	47		
|	Sr	86		
L	Sr	88		
⌈>	In	115		
|	Sn	118		
L	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: Standard 1
Sample Date/Time: Thursday, May 24, 2007 12:39:31
Autosampler Position: 2
Dataset File: D:\Elandata\Dataset\052407m1\Standard 1.043

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	20.000000	1.925	3176.718	ug/L	3.000
	10	B	20.000000	1.905	782.363	ug/L	90.668
	23	Na			35042.613	ug/L	24909.622
	24	Mg			8007.657	ug/L	6273.773
	27	Al			15557.957	ug/L	15227.265
	39	K			726997.302	ug/L	707925.205
	44	Ca			50371.154	ug/L	48369.900
>	45	Sc-1			481957.568	ug/L	467697.114
	51	V	20.000000	1.583	148624.641	ug/L	-17188.401
	52	Cr	20.000000	2.684	198185.706	ug/L	43700.177
	55	Mn	20.000000	0.885	226814.683	ug/L	3939.583
	57	Fe			8326.438	ug/L	6563.304
	59	Co	20.000000	1.088	157035.715	ug/L	70.668
	60	Ni	20.000000	0.850	34639.291	ug/L	205.004
	65	Cu	20.000000	1.693	40021.730	ug/L	201.670
	66	Zn	20.000000	1.868	26573.292	ug/L	3569.482
>	72	Ge-1			600774.401	ug/L	592936.498
	75	As	20.000000	0.866	27936.881	ug/L	-502.888
	82	Se	20.000000	3.329	2960.592	ug/L	-70.642
	97	Mo	20.000000	1.649	38041.972	ug/L	69.001
	107	Ag	4.000000	1.618	33379.293	ug/L	109.002
	111	Cd	20.000000	0.907	36423.072	ug/L	35.667
>	115	In-1			1011256.692	ug/L	994304.053
	123	Sb	20.000000	0.545	95744.103	ug/L	235.401
	135	Ba	20.000000	1.091	34349.590	ug/L	183.670
>	165	Ho-1			1292218.135	ug/L	1276105.159
	205	Tl	20.000000	2.702	378144.759	ug/L	1936.818
	208	Pb	20.000000	1.308	524367.393	ug/L	3500.871
	238	U	20.000000	1.418	332923.808	ug/L	35.667
>	45	Sc-2			481957.568	ug/L	467697.114
	53	Cr	20.000000	40.595	334075.413	ug/L	319041.768
	54	Fe			48818.503	ug/L	42890.999
	61	Ni	20.000000	2.336	2598.929	ug/L	1069.051
	63	Cu	20.000000	1.443	79545.661	ug/L	321.674
	67	Zn	20.000000	11.934	25836.935	ug/L	21519.078
>	72	Ge			600774.401	ug/L	592936.498
	77	Se	20.000000	6.654	15617.613	ug/L	13366.987
	98	Mo	20.000000	1.464	98289.939	ug/L	95.062
	109	Ag	4.000000	0.759	33234.948	ug/L	120.002
>	115	In-2			1011256.692	ug/L	994304.053
	114	Cd	20.000000	0.262	84384.728	ug/L	53.748
	121	Sb	20.000000	1.419	125685.450	ug/L	329.340
	137	Ba	20.000000	0.721	58626.976	ug/L	281.339
>	165	Ho-2			1292218.135	ug/L	1276105.159
	182	W	20.000000	0.395	120392.075	ug/L	457.679
	183	W	20.000000	0.466	65190.395	ug/L	253.338
	194	Pt	20.000000	1.625	93798.879	ug/L	76.668
	195	Pt	20.000000	0.970	96350.461	ug/L	48.001
	203	Tl	20.000000	2.935	158925.508	ug/L	780.029
	206	Pb	20.000000	1.227	135251.594	ug/L	888.037
	207	Pb	20.000000	0.935	110841.112	ug/L	745.027
>	45	Sc			481957.568	ug/L	467697.114
	47	Ti	20.000000	2.683	13973.305	ug/L	647.355
	86	Sr	20.000000	2.107	45537.428	ug/L	151.307
	88	Sr	20.000000	1.727	398454.634	ug/L	1301.072
>	115	In			1011256.692	ug/L	994304.053
	118	Sn	20.000000	1.391	107503.421	ug/L	357.341

120 Sn	20.000000	0.716	147627.093	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45		
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72		
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115		
Sb	123		
Ba	135		
> Ho-1	165		
Tl	205		
Pb	208		
U	238		
> Sc-2	45		
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72		
Se	77		
Mo	98		
Ag	109		
> In-2	115		
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165		
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45		
Ti	47		
Sr	86		
Sr	88		
> In	115		
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: Standard 2
Sample Date/Time: Thursday, May 24, 2007 12:45:06
Autosampler Position: 3
Dataset File: D:\Elandata\Dataset\052407m1\Standard 2.044

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	49.846780	1.452	7757.184	ug/L	3.000
	10	B	49.874333	1.960	1782.796	ug/L	90.668
	23	Na			33153.758	ug/L	24909.622
	24	Mg			7204.222	ug/L	6273.773
	27	Al			11249.207	ug/L	15227.265
	39	K			733898.513	ug/L	707925.205
	44	Ca			51551.028	ug/L	48369.900
>	45	Sc-1			481518.486	ug/L	467697.114
	51	V	49.991904	2.747	397174.448	ug/L	-17188.401
	52	Cr	49.560640	1.595	404419.418	ug/L	43700.177
	55	Mn	49.741881	0.928	540232.682	ug/L	3939.583
	57	Fe			6695.523	ug/L	6563.304
	59	Co	49.888055	3.180	385713.682	ug/L	70.668
	60	Ni	49.673953	2.430	82278.088	ug/L	205.004
	65	Cu	49.895364	1.622	98146.316	ug/L	201.670
	66	Zn	49.844807	2.182	59590.960	ug/L	3569.482
>	72	Ge-1			596406.522	ug/L	592936.498
	75	As	50.050653	1.990	70618.989	ug/L	-502.888
	82	Se	50.007384	1.649	7461.809	ug/L	-70.642
	97	Mo	49.843647	1.883	92863.819	ug/L	69.001
	107	Ag	9.973553	0.485	81693.075	ug/L	109.002
	111	Cd	49.874104	1.230	89349.474	ug/L	35.667
>	115	In-1			1011023.774	ug/L	994304.053
	123	Sb	49.963683	0.555	237688.625	ug/L	235.401
	135	Ba	49.991017	1.029	83860.926	ug/L	183.670
>	165	Ho-1			1267719.484	ug/L	1276105.159
	205	Tl	50.023529	1.087	927592.951	ug/L	1936.818
	208	Pb	50.006654	1.664	1281998.171	ug/L	3500.871
	238	U	50.001516	1.634	816598.115	ug/L	35.667
>	45	Sc-2			481518.486	ug/L	467697.114
	53	Cr	52.938291	20.259	350652.923	ug/L	319041.768
	54	Fe			44944.928	ug/L	42890.999
	61	Ni	49.901024	2.480	4786.183	ug/L	1069.051
	63	Cu	49.884944	2.230	194894.737	ug/L	321.674
	67	Zn	50.489482	6.850	31992.437	ug/L	21519.078
>	72	Ge			596406.522	ug/L	592936.498
	77	Se	49.879830	9.136	18502.090	ug/L	13366.987
	98	Mo	49.908526	0.435	242306.871	ug/L	95.062
	109	Ag	9.979580	1.279	81671.951	ug/L	120.002
>	115	In-2			1011023.774	ug/L	994304.053
	114	Cd	49.836416	0.773	205926.088	ug/L	53.748
	121	Sb	49.926654	0.733	310331.906	ug/L	329.340
	137	Ba	50.010572	2.416	143564.948	ug/L	281.339
>	165	Ho-2			1267719.484	ug/L	1276105.159
	182	W	50.040362	0.623	296309.215	ug/L	457.679
	183	W	50.007639	2.548	159655.921	ug/L	253.338
	194	Pt	49.954886	2.200	228420.723	ug/L	76.668
	195	Pt	50.006949	1.192	236468.131	ug/L	48.001
	203	Tl	50.074955	1.922	392793.351	ug/L	780.029
	206	Pb	49.935231	1.245	327319.751	ug/L	888.037
	207	Pb	50.096352	0.873	274554.673	ug/L	745.027
>	45	Sc			481518.486	ug/L	467697.114
	47	Ti	50.073778	2.192	34260.047	ug/L	647.355
	86	Sr	49.989939	2.371	113344.740	ug/L	151.307
	88	Sr	49.764998	1.725	960301.973	ug/L	1301.072
>	115	In			1011023.774	ug/L	994304.053
	118	Sn	49.900103	1.571	264312.559	ug/L	357.341

120 Sn	49.853821	0.246	360589.211	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45		
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72		
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115		
Sb	123		
Ba	135		
> Ho-1	165		
Tl	205		
Pb	208		
U	238		
> Sc-2	45		
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72		
Se	77		
Mo	98		
Ag	109		
> In-2	115		
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165		
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45		
Tl	47		
Sr	86		
Sr	88		
> In	115		
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: Standard 3
Sample Date/Time: Thursday, May 24, 2007 12:50:43
Autosampler Position: 4
Dataset File: D:\Elandata\Dataset\052407m1\Standard 3.045

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	200.170091	3.251	30839.572	ug/L	3.000
	10	B	200.751550	2.850	7113.176	ug/L	90.668
	23	Na	500.000000	2.678	2484765.678	ug/L	24909.622
	24	Mg	250.000000	2.420	831670.992	ug/L	6273.773
	27	Al	500.000000	1.127	2412527.107	ug/L	15227.265
	39	K	500.000000	0.062	4341990.266	ug/L	707925.205
	44	Ca	250.000000	0.751	124196.177	ug/L	48369.900
>	45	Sc-1			471420.654	ug/L	467697.114
	51	V	200.178913	1.940	1629783.319	ug/L	-17188.401
	52	Cr	199.381890	0.467	1402034.580	ug/L	43700.177
	55	Mn	199.754468	0.364	2077150.447	ug/L	3939.583
	57	Fe	500.000000	0.858	109000.074	ug/L	6563.304
	59	Co	199.520871	0.418	1462228.622	ug/L	70.668
	60	Ni	199.793074	0.690	318889.071	ug/L	205.004
	65	Cu	199.859044	0.740	380636.203	ug/L	201.670
	66	Zn	200.116382	1.370	225190.942	ug/L	3569.482
>	72	Ge-1			585778.502	ug/L	592936.498
	75	As	199.786880	1.518	274289.601	ug/L	-502.888
	82	Se	200.037854	1.784	29600.796	ug/L	-70.642
	97	Mo	199.883909	1.950	365952.601	ug/L	69.001
	107	Ag	39.947934	1.973	318238.779	ug/L	109.002
	111	Cd	199.950189	3.629	353613.605	ug/L	35.667
>	115	In-1			1002210.942	ug/L	994304.053
	123	Sb	199.660491	1.675	919150.319	ug/L	235.401
	135	Ba	199.612233	0.739	328633.167	ug/L	183.670
>	165	Ho-1			1279479.385	ug/L	1276105.159
	205	Tl	199.720916	2.768	3660826.939	ug/L	1936.818
	208	Pb	199.419719	1.963	4951351.827	ug/L	3500.871
	238	U	199.506702	1.366	3180287.809	ug/L	35.667
>	45	Sc-2			471420.654	ug/L	467697.114
	53	Cr	205.518795	8.027	457912.764	ug/L	319041.768
	54	Fe	500.000000	3.199	311614.248	ug/L	42890.999
	61	Ni	199.963908	0.823	15503.897	ug/L	1069.051
	63	Cu	199.697522	1.484	747394.352	ug/L	321.674
	67	Zn	200.429300	0.993	61116.401	ug/L	21519.078
>	72	Ge			585778.502	ug/L	592936.498
	77	Se	201.030966	3.506	34758.565	ug/L	13366.987
	98	Mo	199.685882	2.706	940133.805	ug/L	95.062
	109	Ag	39.962769	2.886	319638.840	ug/L	120.002
>	115	In-2			1002210.942	ug/L	994304.053
	114	Cd	199.437311	2.162	786042.738	ug/L	53.748
	121	Sb	199.536394	2.204	1190121.701	ug/L	329.340
	137	Ba	199.400732	1.763	554014.277	ug/L	281.339
>	165	Ho-2			1279479.385	ug/L	1276105.159
	182	W	199.579616	1.726	1157683.223	ug/L	457.679
	183	W	199.866389	0.752	637459.482	ug/L	253.338
	194	Pt	199.867956	0.893	913916.366	ug/L	76.668
	195	Pt	199.741303	1.040	936407.916	ug/L	48.001
	203	Tl	199.631570	1.659	1538870.490	ug/L	780.029
	206	Pb	199.618565	1.726	1284120.446	ug/L	888.037
	207	Pb	199.619222	2.329	1073638.641	ug/L	745.027
>	45	Sc			471420.654	ug/L	467697.114
	47	Ti	199.849186	0.970	130596.688	ug/L	647.355
	86	Sr	199.956030	2.485	442030.206	ug/L	151.307
	88	Sr	200.080006	1.163	3797561.470	ug/L	1301.072
>	115	In			1002210.942	ug/L	994304.053
	118	Sn	199.739989	2.030	1029078.386	ug/L	357.341

120 Sn	199.554794	1.929	1386401.885	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45		
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72		
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115		
Sb	123		
Ba	135		
> Ho-1	165		
Tl	205		
Pb	208		
U	238		
> Sc-2	45		
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72		
Se	77		
Mo	98		
Ag	109		
> In-2	115		
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165		
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45		
Tl	47		
Sr	86		
Sr	88		
> In	115		
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: Standard 4
Sample Date/Time: Thursday, May 24, 2007 12:56:20
Autosampler Position: 5
Dataset File: D:\Elandata\Dataset\052407m1\Standard 4.046

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.019539	31.765	6.000	ug/L	3.000
	10	B	3.139938	34.019	199.670	ug/L	90.668
	23	Na	1996.182652	1.337	9492786.847	ug/L	24909.622
	24	Mg	999.375639	0.920	3252291.163	ug/L	6273.773
	27	Al	1997.863056	1.669	9373021.649	ug/L	15227.265
	39	K	1994.911064	2.028	14531205.219	ug/L	707925.205
	44	Ca	985.525640	0.729	288337.284	ug/L	48369.900
>	45	Sc-1			468364.218	ug/L	467697.114
	51	V	1.871883	27.693	-1878.349	ug/L	-17188.401
	52	Cr	-0.834821	5.424	38111.820	ug/L	43700.177
	55	Mn	0.075683	23.524	4724.162	ug/L	3939.583
	57	Fe	2000.703951	1.231	415898.440	ug/L	6563.304
	59	Co	0.060423	20.649	510.014	ug/L	70.668
	60	Ni	0.213250	4.620	543.349	ug/L	205.004
	65	Cu	0.050540	27.583	297.339	ug/L	201.670
	66	Zn	-0.098448	22.294	3466.122	ug/L	3569.482
>	72	Ge-1			595627.339	ug/L	592936.498
	75	As	0.546984	94.113	268.850	ug/L	-502.888
	82	Se	0.009696	1077.101	-69.296	ug/L	-70.642
	97	Mo	0.183289	37.598	411.344	ug/L	69.001
	107	Ag	0.010981	13.296	200.337	ug/L	109.002
	111	Cd	0.037402	22.611	103.668	ug/L	35.667
>	115	In-1			1017445.010	ug/L	994304.053
	123	Sb	0.078921	34.479	609.773	ug/L	235.401
	135	Ba	0.079472	33.854	318.340	ug/L	183.670
>	165	Ho-1			1293223.753	ug/L	1276105.159
	205	Tl	0.691302	53.209	14782.890	ug/L	1936.818
	208	Pb	0.041630	29.708	4593.003	ug/L	3500.871
	238	U	0.026029	41.816	456.013	ug/L	35.667
>	45	Sc-2			468364.218	ug/L	467697.114
	53	Cr	-58.046593	2.236	281219.721	ug/L	319041.768
	54	Fe	1997.213636	1.771	1084848.523	ug/L	42890.999
	61	Ni	-0.989504	55.537	999.712	ug/L	1069.051
	63	Cu	0.067886	25.730	574.017	ug/L	321.674
	67	Zn	0.534003	64.549	21653.616	ug/L	21519.078
>	72	Ge			595627.339	ug/L	592936.498
	77	Se	-45.163455	4.278	8507.303	ug/L	13366.987
	98	Mo	0.183356	35.168	973.923	ug/L	95.062
	109	Ag	0.021781	31.445	299.673	ug/L	120.002
>	115	In-2			1017445.010	ug/L	994304.053
	114	Cd	0.039129	32.605	211.622	ug/L	53.748
	121	Sb	0.072000	31.600	773.029	ug/L	329.340
	137	Ba	0.080915	17.032	512.348	ug/L	281.339
>	165	Ho-2			1293223.753	ug/L	1276105.159
	182	W	0.418067	30.784	2916.340	ug/L	457.679
	183	W	0.412908	33.039	1588.776	ug/L	253.338
	194	Pt	0.017354	42.859	158.002	ug/L	76.668
	195	Pt	0.022698	36.637	156.336	ug/L	48.001
	203	Tl	0.716760	55.013	6380.712	ug/L	780.029
	206	Pb	0.042340	30.479	1175.394	ug/L	888.037
	207	Pb	0.042706	38.310	987.378	ug/L	745.027
>	45	Sc			468364.218	ug/L	467697.114
	47	Ti	0.171006	46.555	758.361	ug/L	647.355
	86	Sr	0.113592	22.483	401.311	ug/L	151.307
	88	Sr	0.128105	10.511	3715.855	ug/L	1301.072
>	115	In			1017445.010	ug/L	994304.053
	118	Sn	0.072976	27.975	747.361	ug/L	357.341

└	120 Sn	0.076770	22.556	1041.456	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
┌	Be	9		
│	B	10		
│	Na	23		
│	Mg	24		
│	Al	27		
│	K	39		
│	Ca	44		
├>	Sc-1	45		
│	V	51		
│	Cr	52		
│	Mn	55		
│	Fe	57		
│	Co	59		
│	Ni	60		
│	Cu	65		
└	Zn	66		
┌>	Ge-1	72		
│	As	75		
└	Se	82		
┌	Mo	97		
│	Ag	107		
│	Cd	111		
├>	In-1	115		
└	Sb	123		
┌	Ba	135		
├>	Ho-1	165		
│	Tl	205		
│	Pb	208		
└	U	238		
┌>	Sc-2	45		
│	Cr	53		
│	Fe	54		
│	Ni	61		
│	Cu	63		
└	Zn	67		
┌>	Ge	72		
└	Se	77		
┌	Mo	98		
│	Ag	109		
├>	In-2	115		
│	Cd	114		
└	Sb	121		
┌	Ba	137		
├>	Ho-2	165		
│	W	182		
│	W	183		
│	Pt	194		
│	Pt	195		
│	Tl	203		
│	Pb	206		
└	Pb	207		
┌>	Sc	45		
│	Tl	47		
│	Sr	86		
└	Sr	88		
┌>	In	115		
│	Sn	118		
└	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: Standard 5
Sample Date/Time: Thursday, May 24, 2007 13:01:59
Autosampler Position: 6
Dataset File: D:\Elandata\Dataset\052407m1\Standard 5.047

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.011936	53.185	5.000	ug/L	3.000
	10	B	0.836076	31.312	124.002	ug/L	90.668
	23	Na	9996.747341	1.631	48717761.202	ug/L	24909.622
	24	Mg	4996.789165	1.229	16552053.649	ug/L	6273.773
	27	Al	9991.742071	1.054	47521958.457	ug/L	15227.265
	39	K	9995.752956	0.793	71694115.312	ug/L	707925.205
	44	Ca	4989.171966	1.089	1246047.983	ug/L	48369.900
>	45	Sc-1			484725.343	ug/L	467697.114
	51	V	0.991052	37.608	-9435.163	ug/L	-17188.401
	52	Cr	-0.918808	27.378	38850.535	ug/L	43700.177
	55	Mn	0.342678	2.791	7739.507	ug/L	3939.583
	57	Fe	9956.815284	0.621	1920594.982	ug/L	6563.304
	59	Co	0.218697	1.736	1721.121	ug/L	70.668
	60	Ni	0.386811	7.522	846.700	ug/L	205.004
	65	Cu	0.090747	6.599	386.676	ug/L	201.670
	66	Zn	0.890704	4.738	4713.825	ug/L	3569.482
>	72	Ge-1			597028.070	ug/L	592936.498
	75	As	0.058934	1121.667	-430.525	ug/L	-502.888
	82	Se	0.055768	245.925	-62.760	ug/L	-70.642
	97	Mo	0.083843	14.912	220.337	ug/L	69.001
	107	Ag	0.014756	13.381	224.671	ug/L	109.002
	111	Cd	0.018783	17.900	68.334	ug/L	35.667
>	115	In-1			990153.443	ug/L	994304.053
	123	Sb	0.065907	6.431	534.171	ug/L	235.401
	135	Ba	0.126836	5.143	399.676	ug/L	183.670
>	165	Ho-1			1301337.497	ug/L	1276105.159
	205	Tl	0.162585	33.173	5016.960	ug/L	1936.818
	208	Pb	0.057445	6.159	5019.059	ug/L	3500.871
	238	U	0.005226	20.341	121.335	ug/L	35.667
>	45	Sc-2			484725.343	ug/L	467697.114
	53	Cr	-40.627686	8.525	302928.272	ug/L	319041.768
	54	Fe	9967.420433	0.215	5043179.895	ug/L	42890.999
	61	Ni	0.579191	134.924	1150.725	ug/L	1069.051
	63	Cu	0.165873	8.694	971.376	ug/L	321.674
	67	Zn	4.533289	29.767	23220.425	ug/L	21519.078
>	72	Ge			597028.070	ug/L	592936.498
	77	Se	-34.155255	5.915	9727.737	ug/L	13366.987
	98	Mo	0.085373	8.472	491.928	ug/L	95.062
	109	Ag	0.041447	116.876	448.015	ug/L	120.002
>	115	In-2			990153.443	ug/L	994304.053
	114	Cd	0.023317	32.682	144.370	ug/L	53.748
	121	Sb	0.060469	8.188	684.357	ug/L	329.340
	137	Ba	0.138366	5.323	678.023	ug/L	281.339
>	165	Ho-2			1301337.497	ug/L	1276105.159
	182	W	0.136466	17.792	1273.070	ug/L	457.679
	183	W	0.123866	14.357	660.689	ug/L	253.338
	194	Pt	-0.000181	1388.520	77.334	ug/L	76.668
	195	Pt	0.002467	101.246	60.667	ug/L	48.001
	203	Tl	0.164020	29.316	2085.177	ug/L	780.029
	206	Pb	0.056378	12.311	1273.736	ug/L	888.037
	207	Pb	0.066301	5.702	1122.389	ug/L	745.027
>	45	Sc			484725.343	ug/L	467697.114
	47	Ti	0.896428	9.619	1270.403	ug/L	647.355
	86	Sr	0.534566	8.095	1372.113	ug/L	151.307
	88	Sr	0.537348	2.286	11832.686	ug/L	1301.072
>	115	In			990153.443	ug/L	994304.053
	118	Sn	0.051893	8.433	620.020	ug/L	357.341

120	Sn	0.052334	5.250	845.784	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45		
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72		
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115		
Sb	123		
Ba	135		
> Ho-1	165		
Tl	205		
Pb	208		
U	238		
> Sc-2	45		
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72		
Se	77		
Mo	98		
Ag	109		
> In-2	115		
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165		
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45		
Ti	47		
Sr	86		
Sr	88		
> In	115		
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message
Cr	53	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 1
Sample Date/Time: Thursday, May 24, 2007 13:10:38
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 1.048

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	192.509656	0.443	29764.273	ug/L	3.000
	10	B	186.584752	1.438	6639.943	ug/L	90.668
	23	Na	1924.663130	3.690	9171448.729	ug/L	24909.622
	24	Mg	984.843074	2.134	3188214.505	ug/L	6273.773
	27	Al	1953.808993	2.876	9078949.150	ug/L	15227.265
	39	K	1953.506117	1.087	14247153.213	ug/L	707925.205
	44	Ca	1063.344199	0.826	297631.157	ug/L	48369.900
>	45	Sc-1			472988.634	ug/L	467697.114
	51	V	189.132617	2.427	1543769.996	ug/L	-17188.401
	52	Cr	192.527130	1.830	1359728.052	ug/L	43700.177
	55	Mn	184.877374	1.708	1928928.253	ug/L	3939.583
	57	Fe	2105.338710	0.697	401487.083	ug/L	6563.304
	59	Co	190.253487	1.438	1398902.157	ug/L	70.668
	60	Ni	188.545163	1.614	301937.920	ug/L	205.004
	65	Cu	190.367823	0.968	363794.346	ug/L	201.670
	66	Zn	188.861414	1.396	213449.435	ug/L	3569.482
>	72	Ge-1			581127.683	ug/L	592936.498
	75	As	197.101481	1.328	268462.431	ug/L	-502.888
	82	Se	191.846785	1.834	28160.765	ug/L	-70.642
	97	Mo	192.601465	0.657	349516.813	ug/L	69.001
	107	Ag	48.904934	1.481	386125.785	ug/L	109.002
	111	Cd	191.708056	0.642	336115.121	ug/L	35.667
>	115	In-1			993169.701	ug/L	994304.053
	123	Sb	187.791508	0.553	856911.434	ug/L	235.401
	135	Ba	184.772186	0.537	304516.024	ug/L	183.670
>	165	Ho-1			1280706.472	ug/L	1276105.159
	205	Tl	182.044618	2.575	3341185.897	ug/L	1936.818
	208	Pb	188.888837	1.273	4694906.475	ug/L	3500.871
	238	U	194.031987	1.601	3096149.338	ug/L	35.667
>	45	Sc-2			472988.634	ug/L	467697.114
	53	Cr	149.767809	4.379	422373.401	ug/L	319041.768
	54	Fe	2062.349728	0.935	1052577.720	ug/L	42890.999
	61	Ni	189.429580	2.539	14791.803	ug/L	1069.051
	63	Cu	190.929731	1.134	717024.845	ug/L	321.674
	67	Zn	178.599466	1.984	57010.773	ug/L	21519.078
>	72	Ge			581127.683	ug/L	592936.498
	77	Se	175.354159	3.770	31748.231	ug/L	13366.987
	98	Mo	191.688833	2.023	894544.186	ug/L	95.062
	109	Ag	47.610444	0.434	377483.221	ug/L	120.002
>	115	In-2			993169.701	ug/L	994304.053
	114	Cd	192.842781	0.486	753394.612	ug/L	53.748
	121	Sb	192.483887	0.255	1136027.573	ug/L	329.340
	137	Ba	187.516737	1.104	521572.299	ug/L	281.339
>	165	Ho-2			1280706.472	ug/L	1276105.159
	182	W	188.471149	1.045	1094467.869	ug/L	457.679
	183	W	186.091179	1.175	600523.092	ug/L	253.338
	194	Pt	188.070937	1.764	860811.359	ug/L	76.668
	195	Pt	190.583894	1.337	894358.013	ug/L	48.001
	203	Tl	180.987587	1.264	1396868.223	ug/L	780.029
	206	Pb	190.848168	0.558	1229069.746	ug/L	888.037
	207	Pb	187.651274	2.775	1010302.460	ug/L	745.027
>	45	Sc			472988.634	ug/L	467697.114
	47	Ti	195.162122	0.711	127969.978	ug/L	647.355
	86	Sr	189.910225	1.803	421276.003	ug/L	151.307
	88	Sr	189.889859	2.735	3615759.041	ug/L	1301.072
>	115	In			993169.701	ug/L	994304.053
	118	Sn	190.839592	1.178	974534.752	ug/L	357.341

120	Sn	190.355213	0.580	1310896.712	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		96.255
	B	10		93.292
	Na	23		96.233
	Mg	24		98.484
	Al	27		97.690
	K	39		97.675
	Ca	44		106.334
>	Sc-1	45	101.131	
	V	51		94.566
	Cr	52		96.264
	Mn	55		92.439
	Fe	57		105.267
	Co	59		95.127
	Ni	60		94.273
	Cu	65		95.184
	Zn	66		94.431
>	Ge-1	72	98.008	
	As	75		98.551
	Se	82		95.923
	Mo	97		96.301
	Ag	107		97.810
	Cd	111		95.854
>	In-1	115	99.886	
	Sb	123		93.896
	Ba	135		92.386
>	Ho-1	165	100.361	
	Tl	205		91.022
	Pb	208		94.444
	U	238		97.016
>	Sc-2	45	101.131	
	Cr	53		74.884
	Fe	54		103.117
	Ni	61		94.715
	Cu	63		95.465
	Zn	67		89.300
>	Ge	72	98.008	
	Se	77		87.677
	Mo	98		95.844
	Ag	109		95.221
>	In-2	115	99.886	
	Cd	114		96.421
	Sb	121		96.242
	Ba	137		93.758
>	Ho-2	165	100.361	
	W	182		94.236
	W	183		94.046
	Pt	194		94.035
	Pt	195		95.292
	Tl	203		90.494
	Pb	206		95.424
	Pb	207		93.826
>	Sc	45	101.131	
	Ti	47		97.581
	Sr	86		94.955
	Sr	88		94.945
>	In	115	99.886	
	Sn	118		95.420
	Sn	120		95.176

QC Out Of Limits

Analyte	Mass	Out of Limits Message
Cr	53	Q
Zn	67	Q
Se	77	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 2
Sample Date/Time: Thursday, May 24, 2007 13:17:15
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 2.049

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.016423	20.861	5.667	ug/L	3.000
	10	B	1.518217	37.780	147.336	ug/L	90.668
	23	Na	-0.403279	42.629	23651.142	ug/L	24909.622
	24	Mg	-0.017704	61.646	6390.159	ug/L	6273.773
	27	Al	0.017906	299.861	15734.485	ug/L	15227.265
	39	K	-2.891301	58.528	707242.946	ug/L	707925.205
	44	Ca	-12.856998	101.984	46651.716	ug/L	48369.900
>	45	Sc-1			480720.393	ug/L	467697.114
	51	V	1.620061	9.292	-4078.118	ug/L	-17188.401
	52	Cr	-1.667054	4.224	33336.519	ug/L	43700.177
	55	Mn	-0.054307	3.241	3474.457	ug/L	3939.583
	57	Fe	-2.156338	25.307	6335.206	ug/L	6563.304
	59	Co	0.007679	24.837	130.002	ug/L	70.668
	60	Ni	0.009433	83.896	226.004	ug/L	205.004
	65	Cu	0.014075	113.115	234.671	ug/L	201.670
	66	Zn	-0.172478	32.675	3473.790	ug/L	3569.482
>	72	Ge-1			597157.865	ug/L	592936.498
	75	As	0.758801	82.859	557.859	ug/L	-502.888
	82	Se	0.166637	238.461	-45.746	ug/L	-70.642
	97	Mo	0.101833	27.585	259.338	ug/L	69.001
	107	Ag	0.004971	11.640	151.336	ug/L	109.002
	111	Cd	0.019679	37.617	71.668	ug/L	35.667
>	115	In-1			1014714.852	ug/L	994304.053
	123	Sb	0.037222	16.168	413.794	ug/L	235.401
	135	Ba	0.008826	88.215	203.337	ug/L	183.670
>	165	Ho-1			1309612.109	ug/L	1276105.159
	205	Tl	0.319043	37.643	7965.414	ug/L	1936.818
	208	Pb	0.010066	35.859	3648.241	ug/L	3500.871
	238	U	0.010042	29.220	200.337	ug/L	35.667
>	45	Sc-2			480720.393	ug/L	467697.114
	53	Cr	-90.876042	6.811	266403.590	ug/L	319041.768
	54	Fe	-5.018200	71.462	41593.449	ug/L	42890.999
	61	Ni	-0.778739	54.399	1041.382	ug/L	1069.051
	63	Cu	0.018727	42.892	402.010	ug/L	321.674
	67	Zn	-6.594434	8.072	20794.999	ug/L	21519.078
>	72	Ge			597157.865	ug/L	592936.498
	77	Se	-55.199784	3.864	7429.365	ug/L	13366.987
	98	Mo	0.099977	31.793	574.042	ug/L	95.062
	109	Ag	0.013110	11.351	228.671	ug/L	120.002
>	115	In-2			1014714.852	ug/L	994304.053
	114	Cd	0.022663	32.467	145.411	ug/L	53.748
	121	Sb	0.035340	27.872	549.683	ug/L	329.340
	137	Ba	0.007832	56.006	311.006	ug/L	281.339
>	165	Ho-2			1309612.109	ug/L	1276105.159
	182	W	0.239891	22.580	1892.813	ug/L	457.679
	183	W	0.233476	28.139	1021.381	ug/L	253.338
	194	Pt	0.008268	45.425	117.335	ug/L	76.668
	195	Pt	0.007389	55.731	84.668	ug/L	48.001
	203	Tl	0.320796	39.894	3328.111	ug/L	780.029
	206	Pb	0.014596	19.388	1007.379	ug/L	888.037
	207	Pb	0.009307	96.809	815.698	ug/L	745.027
>	45	Sc			480720.393	ug/L	467697.114
	47	Ti	-0.027309	212.344	647.355	ug/L	647.355
	86	Sr	0.016366	116.998	192.519	ug/L	151.307
	88	Sr	0.005257	59.483	1439.087	ug/L	1301.072
>	115	In			1014714.852	ug/L	994304.053
	118	Sn	0.036742	26.057	556.350	ug/L	357.341

120 Sn	0.034691	7.583	742.722	ug/L	488.632	

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		1.642
B	10		151.822
Na	23		-0.403
Mg	24		-0.018
Al	27		0.018
K	39		-2.891
Ca	44		-12.857
Sc-1	45	102.785	
V	51		162.006
Cr	52		-166.705
Mn	55		-5.431
Fe	57		-2.156
Co	59		0.768
Ni	60		0.943
Cu	65		1.407
Zn	66		-17.248
Ge-1	72	100.712	
As	75		75.880
Se	82		16.664
Mo	97		10.183
Ag	107		0.497
Cd	111		1.968
In-1	115	102.053	
Sb	123		3.722
Ba	135		0.883
Ho-1	165	102.626	
Tl	205		31.904
Pb	208		1.007
U	238		1.004
Sc-2	45	102.785	
Cr	53		-9087.604
Fe	54		-5.018
Ni	61		-77.874
Cu	63		1.873
Zn	67		-659.443
Ge	72	100.712	
Se	77		-5519.978
Mo	98		9.998
Ag	109		1.311
In-2	115	102.053	
Cd	114		2.266
Sb	121		3.534
Ba	137		0.783
Ho-2	165	102.626	
W	182		23.989
W	183		23.348
Pt	194		0.827
Pt	195		0.739
Tl	203		32.060
Pb	206		1.460
Pb	207		0.931
Sc	45	102.785	
Tl	47		-2.731
Sr	86		1.637
Sr	88		0.526
In	116	102.053	
Sn	118		3.674
Sn	120		3.469

QC Out Of Limits

Analyte	Mass	Out of Limits Message
B	10	Q
V	51	Q
Cr	52	Q
Cr	53	Q
Zn	67	Q
Se	77	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 3
Sample Date/Time: Thursday, May 24, 2007 13:23:51
Autosampler Position: 160
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 3.050

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	4.664652	1.675	744.027	ug/L	3.000
	10	B	46.746574	2.078	1779.795	ug/L	90.668
	23	Na	4840.195461	1.376	23663424.191	ug/L	24909.622
	24	Mg	4877.219659	2.431	16197544.080	ug/L	6273.773
	27	Al	202.273134	2.288	980016.507	ug/L	15227.265
	39	K	4978.337005	2.496	36167958.885	ug/L	707925.205
	44	Ca	4907.374228	0.657	1229595.872	ug/L	48369.900
>	45	Sc-1			485976.773	ug/L	467697.114
	51	V	49.997581	0.795	406191.869	ug/L	-17188.401
	52	Cr	8.325729	3.838	103850.845	ug/L	43700.177
	55	Mn	14.984854	1.040	164404.230	ug/L	3939.583
	57	Fe	91.469346	2.632	24444.910	ug/L	6563.304
	59	Co	50.115351	1.171	378669.396	ug/L	70.668
	60	Ni	38.358647	2.191	63281.161	ug/L	205.004
	65	Cu	23.898141	1.677	47099.990	ug/L	201.670
	66	Zn	18.957794	2.408	25350.733	ug/L	3569.482
>	72	Ge-1			601150.644	ug/L	592936.498
	75	As	10.706692	8.207	14602.802	ug/L	-502.888
	82	Se	5.286034	3.962	733.075	ug/L	-70.642
	97	Mo	40.189166	1.346	74637.234	ug/L	69.001
	107	Ag	9.778779	0.657	79046.891	ug/L	109.002
	111	Cd	4.910374	1.084	8839.155	ug/L	35.667
>	115	In-1			1015624.213	ug/L	994304.053
	123	Sb	54.651634	2.703	255201.795	ug/L	235.401
	135	Ba	191.280019	0.532	318792.962	ug/L	183.670
>	165	Ho-1			1295131.464	ug/L	1276105.159
	205	Tl	9.668153	3.970	181274.713	ug/L	1936.818
	208	Pb	3.046564	0.640	80076.271	ug/L	3500.871
	238	U	20.679697	0.508	333750.400	ug/L	35.667
>	45	Sc-2			485976.773	ug/L	467697.114
	53	Cr	-108.135659	5.236	257498.976	ug/L	319041.768
	54	Fe	116.122385	7.680	102930.874	ug/L	42890.999
	61	Ni	37.713495	4.958	3914.909	ug/L	1069.051
	63	Cu	23.863059	1.376	92362.877	ug/L	321.674
	67	Zn	7.163194	36.694	23810.401	ug/L	21519.078
>	72	Ge			601150.644	ug/L	592936.498
	77	Se	-51.832777	1.408	7849.938	ug/L	13366.987
	98	Mo	40.378239	0.429	192776.988	ug/L	95.062
	109	Ag	9.337665	1.110	75805.703	ug/L	120.002
>	115	In-2			1015624.213	ug/L	994304.053
	114	Cd	4.940417	3.215	19792.484	ug/L	53.748
	121	Sb	55.635236	2.672	336627.268	ug/L	329.340
	137	Ba	193.560471	0.535	544472.933	ug/L	281.339
>	165	Ho-2			1295131.464	ug/L	1276105.159
	182	W	21.903131	1.396	129036.140	ug/L	457.679
	183	W	21.445618	1.519	69468.539	ug/L	253.338
	194	Pt	20.809632	0.927	96394.762	ug/L	76.668
	195	Pt	21.147781	0.788	100407.629	ug/L	48.001
	203	Tl	9.555880	3.044	75325.254	ug/L	780.029
	206	Pb	3.088127	1.563	20997.965	ug/L	888.037
	207	Pb	3.014586	1.391	17159.138	ug/L	745.027
>	45	Sc			485976.773	ug/L	467697.114
	47	Ti	49.368732	0.746	33762.191	ug/L	647.355
	86	Sr	48.039022	2.377	109598.773	ug/L	151.307
	88	Sr	47.988716	0.876	939949.065	ug/L	1301.072
>	115	In			1015624.213	ug/L	994304.053
	118	Sn	86.851424	1.694	453735.060	ug/L	357.341

120	Sn	88.026646	1.623	620137.181	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		93.293
	B	10		93.493
	Na	23		96.804
	Mg	24		97.544
	Al	27		101.137
	K	39		99.567
	Ca	44		98.147
>	Sc-1	45	103.908	
	V	51		99.995
	Cr	52		83.257
	Mn	55		99.899
	Fe	57		91.469
	Co	59		100.231
	Ni	60		95.897
	Cu	65		95.593
	Zn	66		94.789
>	Ge-1	72	101.385	
	As	75		107.067
	Se	82		105.721
	Mo	97		100.473
	Ag	107		97.788
	Cd	111		98.207
>	In-1	115	102.144	
	Sb	123		91.086
	Ba	135		95.640
>	Ho-1	165	101.491	
	Tl	205		96.682
	Pb	208		101.552
	U	238		103.388
>	Sc-2	45	103.908	
	Cr	53		-1081.357
	Fe	54		116.122
	Ni	61		94.284
	Cu	63		95.452
	Zn	67		35.816
>	Ge	72	101.385	
	Se	77		-1036.656
	Mo	98		100.946
	Ag	109		93.377
>	In-2	115	102.144	
	Cd	114		98.808
	Sb	121		92.725
	Ba	137		98.780
>	Ho-2	165	101.491	
	W	182		109.516
	W	183		107.228
	Pt	194		104.048
	Pt	195		105.739
	Tl	203		95.559
	Pb	206		102.938
	Pb	207		100.486
>	Sc	45	103.908	
	Tl	47		98.737
	Sr	86		96.078
	Sr	88		95.977
>	In	115	102.144	
	Sn	118		88.851
	Sn	120		88.027

QC Out Of Limits

Analyte	Mass	Out of Limits Message
Cr	53	Q
Zn	67	Q
Se	77	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 4
Sample Date/Time: Thursday, May 24, 2007 13:30:27
Autosampler Position: 158
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 4.051

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	-0.002320	157.237	2.667	ug/L	3.000
	10	B	0.486862	52.004	108.335	ug/L	90.668
	23	Na	0.535511	34.108	27622.310	ug/L	24909.622
	24	Mg	49638.404275	2.548	159706923.917	ug/L	6273.773
	27	Al	50160.817146	2.312	231742001.142	ug/L	15227.265
	39	K	-6.084229	18.944	670932.622	ug/L	707925.205
	44	Ca	49406.455291	0.806	11556435.374	ug/L	48369.900
>	45	Sc-1			471007.971	ug/L	467697.114
	51	V	1.142699	20.050	-7909.318	ug/L	-17188.401
	52	Cr	-2.019013	3.126	30269.675	ug/L	43700.177
	55	Mn	0.584086	10.932	10025.962	ug/L	3939.583
	57	Fe	20440.124648	0.456	3824078.008	ug/L	6563.304
	59	Co	0.114581	3.406	910.038	ug/L	70.668
	60	Ni	1.068505	3.437	1909.147	ug/L	205.004
	65	Cu	0.098952	6.156	391.343	ug/L	201.670
	66	Zn	-0.045426	146.051	3544.809	ug/L	3569.482
>	72	Ge-1			577703.612	ug/L	592936.498
	75	As	0.407010	92.491	64.118	ug/L	-502.888
	82	Se	-0.314165	107.899	-114.857	ug/L	-70.642
	97	Mo	0.046264	12.177	149.669	ug/L	69.001
	107	Ag	0.018369	9.995	248.671	ug/L	109.002
	111	Cd	0.005687	108.918	44.667	ug/L	35.667
>	115	In-1			972619.883	ug/L	994304.053
	123	Sb	0.256673	28.280	1376.564	ug/L	235.401
	135	Ba	0.080149	16.903	317.340	ug/L	183.670
>	165	Ho-1			1284516.556	ug/L	1276105.159
	205	Tl	0.110849	43.571	3990.616	ug/L	1936.818
	208	Pb	0.036534	13.044	4434.312	ug/L	3500.871
	238	U	0.001525	36.332	60.334	ug/L	35.667
>	45	Sc-2			471007.971	ug/L	467697.114
	53	Cr	-86.980722	5.588	263603.134	ug/L	319041.768
	54	Fe	19765.173047	1.199	9674672.925	ug/L	42890.999
	61	Ni	10.862504	13.622	1859.473	ug/L	1069.051
	63	Cu	0.029351	17.712	433.678	ug/L	321.674
	67	Zn	-8.059940	11.799	20086.646	ug/L	21519.078
>	72	Ge			577703.612	ug/L	592936.498
	77	Se	-30.794895	3.052	9767.188	ug/L	13366.987
	98	Mo	0.042047	16.241	285.071	ug/L	95.062
	109	Ag	0.010734	14.815	200.670	ug/L	120.002
>	115	In-2			972619.883	ug/L	994304.053
	114	Cd	0.009048	42.688	87.141	ug/L	53.748
	121	Sb	0.257693	31.229	1813.138	ug/L	329.340
	137	Ba	0.084937	6.661	520.015	ug/L	281.339
>	165	Ho-2			1284516.556	ug/L	1276105.159
	182	W	0.057515	27.641	795.697	ug/L	457.679
	183	W	0.055471	30.112	432.678	ug/L	253.338
	194	Pt	0.000544	90.495	79.668	ug/L	76.668
	195	Pt	0.000854	42.183	52.334	ug/L	48.001
	203	Tl	0.109505	42.732	1633.113	ug/L	780.029
	206	Pb	0.038906	20.460	1145.057	ug/L	888.037
	207	Pb	0.040896	17.294	970.709	ug/L	745.027
>	45	Sc			471007.971	ug/L	467697.114
	47	Ti	0.206323	10.982	786.029	ug/L	647.355
	86	Sr	0.763710	7.874	1839.172	ug/L	151.307
	88	Sr	0.581648	0.790	12337.115	ug/L	1301.072
>	115	In			972619.883	ug/L	994304.053
	118	Sn	0.033426	13.801	516.681	ug/L	357.341

120	Sn	0.031078	25.577	687.318	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		-0.232
B	10		48.686
Na	23		0.536
Mg	24		99.277
Al	27		100.322
K	39		-6.084
Ca	44		98.813
> Sc-1	45	100.708	
V	51		114.270
Cr	52		-201.901
Mn	55		58.409
Fe	57		102.201
Co	59		11.458
Ni	60		106.851
Cu	65		9.895
Zn	66		-4.543
> Ge-1	72	97.431	
As	75		40.701
Se	82		-31.417
Mo	97		4.626
Ag	107		1.837
Cd	111		0.569
> In-1	115	97.819	
Sb	123		25.667
Ba	135		8.015
> Ho-1	165	100.659	
Tl	205		11.085
Pb	208		3.653
U	238		0.153
> Sc-2	45	100.708	
Cr	53		-8698.072
Fe	54		98.826
Ni	61		1086.250
Cu	63		2.935
Zn	67		-805.994
> Ge	72	97.431	
Se	77		-3079.489
Mo	98		4.205
Ag	109		1.073
> In-2	115	97.819	
Cd	114		0.905
Sb	121		25.769
Ba	137		8.494
> Ho-2	165	100.659	
W	182		5.752
W	183		5.547
Pt	194		0.054
Pt	195		0.085
Tl	203		10.951
Pb	206		3.891
Pb	207		4.090
> Sc	45	100.708	
Ti	47		20.632
Sr	86		76.371
Sr	88		58.165
> In	115	97.819	
Sn	118		3.343
Sn	120		3.108

QC Out Of Limits

Analyte	Mass	Out of Limits Message
V	51	Q
Cr	52	Q
Ni	60	Q
Cr	53	Q
Ni	61	Q
Zn	67	Q
Se	77	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 5
Sample Date/Time: Thursday, May 24, 2007 13:37:03
Autosampler Position: 159
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 5.052

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	48.117722	2.380	7601.765	ug/L	3.000
	10	B	98.763667	1.723	3634.832	ug/L	90.668
	23	Na	1902.308297	1.734	9262207.523	ug/L	24909.622
	24	Mg	48749.517893	2.122	160920349.653	ug/L	6273.773
	27	Al	49282.431944	3.317	233589035.560	ug/L	15227.265
	39	K	1973.414924	1.686	14695599.493	ug/L	707925.205
	44	Ca	49279.828589	2.187	11825873.316	ug/L	48369.900
>	45	Sc-1			483178.441	ug/L	467697.114
	51	V	46.656127	1.238	375693.202	ug/L	-17188.401
	52	Cr	46.152220	0.451	367327.975	ug/L	43700.177
	55	Mn	47.961115	0.642	514241.101	ug/L	3939.583
	57	Fe	20229.599495	0.976	3882699.902	ug/L	6563.304
	59	Co	46.290138	1.016	347765.599	ug/L	70.668
	60	Ni	89.279711	0.223	146177.531	ug/L	205.004
	65	Cu	43.485428	0.412	85049.276	ug/L	201.670
	66	Zn	87.612872	0.273	103132.636	ug/L	3569.482
>	72	Ge-1			589808.636	ug/L	592936.498
	75	As	97.103585	3.183	133975.388	ug/L	-502.888
	82	Se	92.455836	2.943	13737.120	ug/L	-70.642
	97	Mo	99.063832	1.245	178277.309	ug/L	69.001
	107	Ag	88.004965	1.917	688822.924	ug/L	109.002
	111	Cd	93.283802	1.295	162175.283	ug/L	35.667
>	115	In-1			984809.538	ug/L	994304.053
	123	Sb	95.516436	1.556	432225.184	ug/L	235.401
	135	Ba	46.399486	1.661	77827.896	ug/L	183.670
>	165	Ho-1			1301111.558	ug/L	1276105.159
	205	Tl	87.758523	1.866	1637216.263	ug/L	1936.818
	208	Pb	92.590608	0.935	2340025.407	ug/L	3500.871
	238	U	94.921874	1.084	1538859.680	ug/L	35.667
>	45	Sc-2			483178.441	ug/L	467697.114
	53	Cr	-36.322985	9.519	304888.594	ug/L	319041.768
	54	Fe	19460.471798	2.234	9773120.881	ug/L	42890.999
	61	Ni	97.594411	3.342	8321.174	ug/L	1069.051
	63	Cu	43.769480	0.993	168170.089	ug/L	321.674
	67	Zn	70.929539	2.259	36532.687	ug/L	21519.078
>	72	Ge			589808.636	ug/L	592936.498
	77	Se	71.596790	4.926	21024.650	ug/L	13366.987
	98	Mo	98.834777	0.733	457383.233	ug/L	95.062
	109	Ag	82.814519	2.063	650848.642	ug/L	120.002
>	115	In-2			984809.538	ug/L	994304.053
	114	Cd	94.965659	1.527	367862.973	ug/L	53.748
	121	Sb	96.910772	1.586	568220.015	ug/L	329.340
	137	Ba	47.120148	0.109	133373.369	ug/L	281.339
>	165	Ho-2			1301111.558	ug/L	1276105.159
	182	W	47.274657	1.743	279262.882	ug/L	457.679
	183	W	46.922714	1.160	152399.208	ug/L	253.338
	194	Pt	48.259537	1.596	224485.968	ug/L	76.668
	195	Pt	47.964484	0.586	228722.059	ug/L	48.001
	203	Tl	88.626470	1.929	695292.112	ug/L	780.029
	206	Pb	92.567252	1.001	606114.757	ug/L	888.037
	207	Pb	93.982514	1.508	514514.885	ug/L	745.027
>	45	Sc			483178.441	ug/L	467697.114
	47	Ti	47.288912	0.889	32182.201	ug/L	647.355
	86	Sr	93.538976	1.526	212051.400	ug/L	151.307
	88	Sr	90.660021	1.797	1764333.064	ug/L	1301.072
>	115	In			984809.538	ug/L	994304.053
	118	Sn	94.854668	0.210	480486.945	ug/L	357.341

L	120 Sn	96.551913	1.889	659428.138	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
⌈	Be	9		96.235
|	B	10		98.764
|	Na	23		95.115
|	Mg	24		97.499
|	Al	27		98.565
|	K	39		98.671
|	Ca	44		98.560
|>	Sc-1	45	103.310	
|	V	51		93.312
|	Cr	52		92.304
|	Mn	55		95.922
|	Fe	57		101.148
|	Co	59		92.580
|	Ni	60		89.280
|	Cu	65		86.971
L	Zn	66		87.613
⌈>	Ge-1	72	99.472	
|	As	75		97.104
L	Se	82		92.456
⌈	Mo	97		99.064
|	Ag	107		88.005
|	Cd	111		93.284
|>	In-1	115	99.045	
L	Sb	123		95.516
⌈	Ba	135		92.799
|>	Ho-1	165	101.960	
|	Tl	205		87.759
|	Pb	208		92.591
L	U	238		94.922
⌈>	Sc-2	45	103.310	
|	Cr	53		-72.646
|	Fe	54		97.302
|	Ni	61		97.594
|	Cu	63		87.539
L	Zn	67		70.930
⌈>	Ge	72	99.472	
L	Se	77		71.597
⌈	Mo	98		98.835
|	Ag	109		82.815
|>	In-2	115	99.045	
|	Cd	114		94.966
L	Sb	121		96.911
⌈	Ba	137		94.240
|>	Ho-2	165	101.960	
|	W	182		94.549
|	W	183		93.845
|	Pt	194		96.519
|	Pt	195		95.929
|	Tl	203		88.626
|	Pb	206		92.567
L	Pb	207		93.983
⌈>	Sc	45	103.310	
|	Ti	47		94.578
|	Sr	86		93.539
L	Sr	88		90.660
⌈>	In	115	99.045	
|	Sn	118		94.855
L	Sn	120		96.552

QC Out Of Limits

Analyte	Mass	Out of Limits Message
Cr	53	Q
Zn	67	Q
Se	77	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 6
Sample Date/Time: Thursday, May 24, 2007 13:45:41
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 6.053

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
⌈	9	Be	183.539889	1.182	29173.052	ug/L	3.000
|	10	B	179.433868	2.617	6567.575	ug/L	90.668
|	23	Na	1866.276213	3.222	9143428.065	ug/L	24909.622
|	24	Mg	961.390221	3.636	3199247.987	ug/L	6273.773
|	27	Al	1910.307196	3.114	9125658.998	ug/L	15227.265
|	39	K	1926.732326	2.157	14454581.370	ug/L	707925.205
|	44	Ca	1034.864082	2.110	299103.480	ug/L	48369.900
|>	45	Sc-1			486260.038	ug/L	467697.114
|	51	V	188.668337	1.834	1583102.346	ug/L	-17188.401
|	52	Cr	189.596264	1.462	1377277.035	ug/L	43700.177
|	55	Mn	185.583153	1.013	1990634.892	ug/L	3939.583
|	57	Fe	2085.842738	0.602	409005.034	ug/L	6563.304
|	59	Co	189.130661	0.561	1429708.025	ug/L	70.668
|	60	Ni	185.437644	0.645	305309.754	ug/L	205.004
|	65	Cu	184.168280	1.209	361804.828	ug/L	201.670
⌊	66	Zn	185.065579	2.455	215070.847	ug/L	3569.482
⌈>	72	Ge-1			595690.278	ug/L	592936.498
|	75	As	196.602361	0.639	274486.782	ug/L	-502.888
⌊	82	Se	190.969286	2.585	28731.673	ug/L	-70.642
⌈	97	Mo	192.177463	1.071	353306.867	ug/L	69.001
|	107	Ag	48.476795	1.067	387770.923	ug/L	109.002
|	111	Cd	192.065965	0.882	341159.707	ug/L	35.667
|>	115	In-1			1006155.176	ug/L	994304.053
⌊	123	Sb	188.784030	1.339	872665.376	ug/L	235.401
⌈	135	Ba	182.833890	1.162	307166.046	ug/L	183.670
|>	165	Ho-1			1305523.381	ug/L	1276105.159
|	205	Tl	178.674350	2.079	3342554.919	ug/L	1936.818
|	208	Pb	184.301819	0.683	4670068.306	ug/L	3500.871
⌊	238	U	190.891654	1.771	3105280.994	ug/L	35.667
⌈>	45	Sc-2			486260.038	ug/L	467697.114
|	53	Cr	124.957741	2.971	417238.321	ug/L	319041.768
|	54	Fe	2044.467664	0.924	1073106.296	ug/L	42890.999
|	61	Ni	184.131868	1.809	14813.826	ug/L	1069.051
|	63	Cu	187.834161	0.665	725177.924	ug/L	321.674
⌊	67	Zn	168.317548	3.933	56516.481	ug/L	21519.078
⌈>	72	Ge			595690.278	ug/L	592936.498
⌊	77	Se	172.447116	5.450	32221.589	ug/L	13366.987
⌈	98	Mo	191.573240	1.214	905702.331	ug/L	95.062
|	109	Ag	47.312323	1.748	380028.376	ug/L	120.002
|>	115	In-2			1006155.176	ug/L	994304.053
|	114	Cd	192.241260	1.124	760875.425	ug/L	53.748
⌊	121	Sb	189.038356	0.923	1132248.738	ug/L	329.340
⌈	137	Ba	186.247134	0.712	528110.629	ug/L	281.339
|>	165	Ho-2			1305523.381	ug/L	1276105.159
|	182	W	185.843925	1.049	1100174.693	ug/L	457.679
|	183	W	183.872601	1.994	598468.632	ug/L	253.338
|	194	Pt	182.405563	0.433	851133.119	ug/L	76.668
|	195	Pt	186.469189	0.744	892084.469	ug/L	48.001
|	203	Tl	178.739521	1.090	1406181.171	ug/L	780.029
|	206	Pb	189.116868	0.220	1241538.863	ug/L	888.037
⌊	207	Pb	184.678862	0.573	1013724.962	ug/L	745.027
⌈>	45	Sc			486260.038	ug/L	467697.114
|	47	Ti	191.651165	1.381	129190.849	ug/L	647.355
|	86	Sr	184.662943	1.057	421126.618	ug/L	151.307
⌊	88	Sr	186.743512	1.534	3655770.394	ug/L	1301.072
⌈>	115	In			1006155.176	ug/L	994304.053
|	118	Sn	187.980584	0.516	972520.387	ug/L	357.341

└	120 Sn	186.875335	1.075	1303726.233	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
┌	Be	9		91.770
|	B	10		89.717
|	Na	23		93.314
|	Mg	24		96.139
|	Al	27		95.515
|	K	39		96.337
|	Ca	44		103.486
|>	Sc-1	45	103.969	
|	V	51		94.334
|	Cr	52		94.798
|	Mn	55		92.792
|	Fe	57		104.292
|	Co	59		94.565
|	Ni	60		92.719
|	Cu	65		92.084
└	Zn	66		92.533
┌>	Ge-1	72	100.464	
|	As	75		98.301
└	Se	82		95.485
┌	Mo	97		96.069
|	Ag	107		96.954
|	Cd	111		96.033
|>	In-1	115	101.192	
└	Sb	123		94.392
┌	Ba	135		91.417
|>	Ho-1	165	102.305	
|	Tl	205		89.337
|	Pb	208		92.151
└	U	238		95.446
┌>	Sc-2	45	103.969	
|	Cr	53		62.479
|	Fe	54		102.223
|	Ni	61		92.066
|	Cu	63		93.917
└	Zn	67		84.159
┌>	Ge	72	100.464	
└	Se	77		86.224
┌	Mo	98		95.787
|	Ag	109		94.625
|>	In-2	115	101.192	
|	Cd	114		96.121
└	Sb	121		94.519
┌	Ba	137		93.124
|>	Ho-2	165	102.305	
|	W	182		92.922
|	W	183		91.936
|	Pt	194		91.203
|	Pt	195		93.235
|	Tl	203		89.370
|	Pb	206		94.558
└	Pb	207		92.339
┌>	Sc	45	103.969	
|	Ti	47		95.826
|	Sr	86		92.331
└	Sr	88		93.372
┌>	In	115	101.192	
|	Sn	118		93.990
└	Sn	120		93.438

QC Out Of Limits

Analyte	Mass	Out of Limits Message
B	10	Q
Tl	205	Q
Cr	53	Q
Zn	67	Q
Se	77	Q
Tl	203	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 7
Sample Date/Time: Thursday, May 24, 2007 13:52:18
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 7.054

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.014821	69.232	5.333	ug/L	3.000
	10	B	1.849528	42.657	157.002	ug/L	90.668
	23	Na	-0.442644	13.122	23176.352	ug/L	24909.622
	24	Mg	0.088196	33.092	6655.283	ug/L	6273.773
	27	Al	0.171831	26.714	16257.742	ug/L	15227.265
	39	K	-4.364580	22.757	688338.385	ug/L	707925.205
	44	Ca	-14.434723	10.023	45715.827	ug/L	48369.900
>	45	Sc-1			474821.781	ug/L	467697.114
	51	V	1.358234	24.630	-6217.645	ug/L	-17188.401
	52	Cr	-2.152469	2.336	29601.944	ug/L	43700.177
	55	Mn	-0.057907	5.637	3394.104	ug/L	3939.583
	57	Fe	-2.659095	7.549	6162.346	ug/L	6563.304
	59	Co	0.009207	74.519	139.335	ug/L	70.668
	60	Ni	0.023596	10.203	246.005	ug/L	205.004
	65	Cu	0.014403	23.391	232.338	ug/L	201.670
	66	Zn	-0.186988	30.719	3415.776	ug/L	3569.482
>	72	Ge-1			597821.912	ug/L	592936.498
	75	As	0.835566	39.196	666.567	ug/L	-502.888
	82	Se	0.171643	313.381	-45.284	ug/L	-70.642
	97	Mo	0.101038	23.850	258.672	ug/L	69.001
	107	Ag	0.005611	41.835	157.002	ug/L	109.002
	111	Cd	0.018634	19.612	70.001	ug/L	35.667
>	115	In-1			1017426.037	ug/L	994304.053
	123	Sb	0.058989	17.212	516.804	ug/L	235.401
	135	Ba	0.009019	115.008	202.337	ug/L	183.670
>	165	Ho-1			1299780.700	ug/L	1276105.159
	205	Tl	0.344292	36.501	8367.985	ug/L	1936.818
	208	Pb	0.012186	73.466	3871.246	ug/L	3500.871
	238	U	0.012551	36.336	239.338	ug/L	35.667
>	45	Sc-2			474821.781	ug/L	467697.114
	53	Cr	-89.444692	2.817	264116.991	ug/L	319041.768
	54	Fe	-4.593427	102.933	41269.913	ug/L	42890.999
	61	Ni	-0.955843	62.975	1015.713	ug/L	1069.051
	63	Cu	0.023337	44.829	414.344	ug/L	321.674
	67	Zn	-8.632301	12.994	20134.714	ug/L	21519.078
>	72	Ge			597821.912	ug/L	592936.498
	77	Se	-51.738410	5.556	7816.469	ug/L	13366.987
	98	Mo	0.112876	26.677	637.710	ug/L	95.062
	109	Ag	0.014371	27.581	239.671	ug/L	120.002
>	115	In-2			1017426.037	ug/L	994304.053
	114	Cd	0.021445	18.238	140.910	ug/L	53.748
	121	Sb	0.050494	19.910	643.021	ug/L	329.340
	137	Ba	0.006041	49.933	303.673	ug/L	281.339
>	165	Ho-2			1299780.700	ug/L	1276105.159
	182	W	0.235157	29.837	1849.475	ug/L	457.679
	183	W	0.235787	30.901	1020.715	ug/L	253.338
	194	Pt	0.009307	25.904	121.335	ug/L	76.668
	195	Pt	0.011118	67.854	101.668	ug/L	48.001
	203	Tl	0.350442	35.548	3532.159	ug/L	780.029
	206	Pb	0.009244	117.336	964.042	ug/L	888.037
	207	Pb	0.014556	46.518	838.366	ug/L	745.027
>	45	Sc			474821.781	ug/L	467697.114
	47	Ti	-0.038428	25.704	632.020	ug/L	647.355
	86	Sr	0.024782	18.164	208.697	ug/L	151.307
	88	Sr	0.007432	73.074	1462.090	ug/L	1301.072
>	115	In			1017426.037	ug/L	994304.053
	118	Sn	0.039931	43.655	575.018	ug/L	357.341

120 Sn	0.038576	24.029	772.426	ug/L	488.632	

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		1.482
B	10		184.953
Na	23		-0.443
Mg	24		0.088
Al	27		0.172
K	39		-4.365
Ca	44		-14.435
> Sc-1	45	101.523	
V	51		135.823
Cr	52		-215.247
Mn	55		-5.791
Fe	57		-2.659
Co	59		0.921
Ni	60		2.360
Cu	65		1.440
Zn	66		-18.699
> Ge-1	72	100.824	
As	75		83.557
Se	82		17.164
Mo	97		10.104
Ag	107		0.561
Cd	111		1.863
> In-1	115	102.325	
Sb	123		5.899
Ba	135		0.902
> Ho-1	165	101.855	
Tl	205		34.429
Pb	208		1.219
U	238		1.255
> Sc-2	45	101.523	
Cr	53		-8944.469
Fe	54		-4.593
Ni	61		-95.584
Cu	63		2.334
Zn	67		-863.230
> Ge	72	100.824	
Se	77		-5173.841
Mo	98		11.288
Ag	109		1.437
> In-2	115	102.325	
Cd	114		2.144
Sb	121		5.049
Ba	137		0.604
> Ho-2	165	101.855	
W	182		23.516
W	183		23.579
Pt	194		0.931
Pt	195		1.112
Tl	203		35.044
Pb	206		0.924
Pb	207		1.456
> Sc	45	101.523	
Ti	47		-3.843
Sr	86		2.478
Sr	88		0.743
> In	115	102.325	
Sn	118		3.993
Sn	120		3.858

QC Out Of Limits

Analyte	Mass	Out of Limits Message
B	10	Q
V	51	Q
Cr	52	Q
Cr	53	Q
Zn	67	Q
Se	77	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWXAHB
Sample Date/Time: Thursday, May 24, 2007 13:58:51
Autosampler Position: 24
Dataset File: D:\Elandata\Dataset\052407m1\JWXAHB.055

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	-0.003709	190.275	2.667	ug/L	3.000
	10	B	1.102438	30.655	141.669	ug/L	90.668
	23	Na	1.713904	8.121	36223.564	ug/L	24909.622
	24	Mg	-0.553113	6.571	4951.908	ug/L	6273.773
	27	Al	-0.181097	20.838	15821.916	ug/L	15227.265
	39	K	-10.008848	12.780	702648.084	ug/L	707925.205
	44	Ca	-20.501716	21.950	47940.125	ug/L	48369.900
>	45	Sc-1			514018.444	ug/L	467697.114
	51	V	-0.150484	432.273	-20204.231	ug/L	-17188.401
	52	Cr	-0.182873	87.343	46662.566	ug/L	43700.177
	55	Mn	0.165553	8.044	6202.075	ug/L	3939.583
	57	Fe	-1.817490	51.964	6841.389	ug/L	6563.304
	59	Co	0.007179	15.811	135.002	ug/L	70.668
	60	Ni	0.072619	15.862	351.675	ug/L	205.004
	65	Cu	0.169903	5.359	574.351	ug/L	201.670
	66	Zn	-0.267576	15.247	3599.489	ug/L	3569.482
>	72	Ge-1			628812.167	ug/L	592936.498
	75	As	0.075082	530.562	-426.038	ug/L	-502.888
	82	Se	0.279147	82.574	-30.201	ug/L	-70.642
	97	Mo	0.049649	27.883	169.669	ug/L	69.001
	107	Ag	0.009885	61.319	199.337	ug/L	109.002
	111	Cd	0.005855	51.678	49.001	ug/L	35.667
>	115	In-1			1061132.623	ug/L	994304.053
	123	Sb	0.054671	20.171	517.374	ug/L	235.401
	135	Ba	0.053231	10.486	291.339	ug/L	183.670
>	165	Ho-1			1371924.274	ug/L	1276105.159
	205	Tl	0.152207	36.347	5063.305	ug/L	1936.818
	208	Pb	0.079071	1.354	5867.863	ug/L	3500.871
	238	U	0.001697	20.293	67.334	ug/L	35.667
>	45	Sc-2			514018.444	ug/L	467697.114
	53	Cr	63.340040	41.431	396440.913	ug/L	319041.768
	54	Fe	72.028663	7.257	85437.213	ug/L	42890.999
	61	Ni	-0.662769	90.890	1122.389	ug/L	1069.051
	63	Cu	0.177996	3.577	1079.718	ug/L	321.674
	67	Zn	39.734107	21.244	32169.908	ug/L	21519.078
>	72	Ge			628812.167	ug/L	592936.498
	77	Se	-15.987328	13.983	12337.154	ug/L	13366.987
	98	Mo	0.044470	31.817	322.638	ug/L	95.062
	109	Ag	0.021533	28.070	310.007	ug/L	120.002
>	115	In-2			1061132.623	ug/L	994304.053
	114	Cd	0.009621	35.806	97.406	ug/L	53.748
	121	Sb	0.052325	14.699	681.690	ug/L	329.340
	137	Ba	0.061218	15.600	484.680	ug/L	281.339
>	165	Ho-2			1371924.274	ug/L	1276105.159
	182	W	0.124429	26.757	1264.069	ug/L	457.679
	183	W	0.115537	21.455	666.689	ug/L	253.338
	194	Pt	0.006783	17.139	115.668	ug/L	76.668
	195	Pt	0.004594	27.204	74.668	ug/L	48.001
	203	Tl	0.151066	36.523	2082.844	ug/L	780.029
	206	Pb	0.079860	4.427	1505.426	ug/L	888.037
	207	Pb	0.080583	3.626	1265.402	ug/L	745.027
>	45	Sc			514018.444	ug/L	467697.114
	47	Ti	0.106946	25.202	787.363	ug/L	647.355
	86	Sr	0.014453	190.362	201.589	ug/L	151.307
	88	Sr	-0.004422	62.251	1338.076	ug/L	1301.072
>	115	In			1061132.623	ug/L	994304.053
	118	Sn	0.168800	1.987	1302.072	ug/L	357.341

120 Sn	0.171838	5.105	1785.113	ug/L		488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		
	B	10		
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	109.904	
	V	51		
	Cr	52		
	Mn	55		
	Fe	57		
	Co	59		
	Ni	60		
	Cu	65		
	Zn	66		
>	Ge-1	72	106.051	
	As	75		
	Se	82		
	Mo	97		
	Ag	107		
	Cd	111		
>	In-1	115	106.721	
	Sb	123		
	Ba	135		
>	Ho-1	165	107.509	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	109.904	
	Cr	53		
	Fe	54		
	Ni	61		
	Cu	63		
	Zn	67		
>	Ge	72	106.051	
	Se	77		
	Mo	98		
	Ag	109		
>	In-2	115	106.721	
	Cd	114		
	Sb	121		
	Ba	137		
>	Ho-2	165	107.509	
	W	182		
	W	183		
	Pt	194		
	Pt	195		
	Tl	203		
	Pb	206		
	Pb	207		
>	Sc	45	109.904	
	Ti	47		
	Sr	86		
	Sr	88		
>	In	115	106.721	
	Sn	118		
	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWXAHC
Sample Date/Time: Thursday, May 24, 2007 14:04:55
Autosampler Position: 25
Dataset File: D:\Elandata\Dataset\052407m1\JWXAHC.056

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	470.158845	1.467	78649.387	ug/L	3.000
	10	B	959.627401	2.449	36537.369	ug/L	90.668
	23	Na	9742.296789	1.976	50125810.128	ug/L	24909.622
	24	Mg	9771.580363	1.956	34169291.854	ug/L	6273.773
	27	Al	488.126243	2.100	2466920.051	ug/L	15227.265
	39	K	9821.701658	1.704	74384183.707	ug/L	707925.205
	44	Ca	10051.874740	1.577	2596868.166	ug/L	48369.900
>	45	Sc-1			511800.365	ug/L	467697.114
	51	V	459.023335	2.229	4080874.328	ug/L	-17188.401
	52	Cr	468.086635	1.434	3508654.678	ug/L	43700.177
	55	Mn	470.258861	2.044	5302321.110	ug/L	3939.583
	57	Fe	487.885244	0.936	106188.267	ug/L	6563.304
	59	Co	457.152578	0.416	3637344.461	ug/L	70.668
	60	Ni	447.437594	1.091	775021.382	ug/L	205.004
	65	Cu	438.209366	1.267	905721.902	ug/L	201.670
	66	Zn	416.064539	1.116	504096.627	ug/L	3569.482
>	72	Ge-1			610837.269	ug/L	592936.498
	75	As	479.912768	0.521	687845.356	ug/L	-502.888
	82	Se	445.350733	0.238	68816.040	ug/L	-70.642
	97	Mo	485.474181	1.744	949250.894	ug/L	69.001
	107	Ag	119.687019	1.331	1018212.835	ug/L	109.002
	111	Cd	456.209027	2.688	861763.935	ug/L	35.667
>	115	In-1			1070441.666	ug/L	994304.053
	123	Sb	443.601262	2.183	2180697.697	ug/L	235.401
	135	Ba	441.014067	0.445	773031.598	ug/L	183.670
>	165	Ho-1			1362592.447	ug/L	1276105.159
	205	Tl	462.941990	2.471	9034737.629	ug/L	1936.818
	208	Pb	466.635692	0.901	12334475.544	ug/L	3500.871
	238	U	963.447649	1.568	16355201.276	ug/L	35.667
>	45	Sc-2			511800.365	ug/L	467697.114
	53	Cr	597.918955	1.667	779935.069	ug/L	319041.768
	54	Fe	593.387217	0.426	361143.101	ug/L	42890.999
	61	Ni	453.199428	1.985	36665.031	ug/L	1069.051
	63	Cu	428.688283	0.700	1741544.402	ug/L	321.674
	67	Zn	452.988423	1.580	120286.190	ug/L	21519.078
>	72	Ge			610837.269	ug/L	592936.498
	77	Se	417.189305	0.924	60406.306	ug/L	13366.987
	98	Mo	475.780015	1.023	2392700.304	ug/L	95.062
	109	Ag	122.293901	2.085	1044565.278	ug/L	120.002
>	115	In-2			1070441.666	ug/L	994304.053
	114	Cd	454.065901	1.516	1911984.365	ug/L	53.748
	121	Sb	457.081322	2.121	2911370.704	ug/L	329.340
	137	Ba	445.002001	1.322	1316500.734	ug/L	281.339
>	165	Ho-2			1362592.447	ug/L	1276105.159
	182	W	932.123740	3.079	5756707.245	ug/L	457.679
	183	W	921.769299	1.594	3130167.158	ug/L	253.338
	194	Pt	889.364096	1.005	4331041.544	ug/L	76.668
	195	Pt	895.257133	1.220	4469541.449	ug/L	48.001
	203	Tl	444.398922	1.489	3647397.810	ug/L	780.029
	206	Pb	461.498121	1.228	3160490.974	ug/L	888.037
	207	Pb	473.514803	0.872	2711402.314	ug/L	745.027
>	45	Sc			511800.365	ug/L	467697.114
	47	Ti	935.074509	1.340	660671.605	ug/L	647.355
	86	Sr	454.170499	2.150	1089892.049	ug/L	151.307
	88	Sr	467.268611	1.098	9625958.945	ug/L	1301.072
>	115	In			1070441.666	ug/L	994304.053
	118	Sn	916.745502	1.718	5043229.974	ug/L	357.341

120 Sn	936.423893	1.639	6946920.349	ug/L		488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		
	B	10		
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	109.430	
	V	51		
	Cr	52		
	Mn	55		
	Fe	57		
	Co	59		
	Ni	60		
	Cu	65		
	Zn	66		
>	Ge-1	72	103.019	
	As	75		
	Se	82		
	Mo	97		
	Ag	107		
	Cd	111		
>	In-1	115	107.657	
	Sb	123		
	Ba	135		
>	Ho-1	165	106.777	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	109.430	
	Cr	53		
	Fe	54		
	Ni	61		
	Cu	63		
	Zn	67		
>	Ge	72	103.019	
	Se	77		
	Mo	98		
	Ag	109		
>	In-2	115	107.657	
	Cd	114		
	Sb	121		
	Ba	137		
>	Ho-2	165	106.777	
	W	182		
	W	183		
	Pt	194		
	Pt	195		
	Tl	203		
	Pb	206		
	Pb	207		
>	Sc	45	109.430	
	Ti	47		
	Sr	86		
	Sr	88		
>	In	115	107.657	
	Sn	118		
	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA2
Sample Date/Time: Thursday, May 24, 2007 14:10:58
Autosampler Position: 26
Dataset File: D:\Elandata\Dataset\052407m1\JWPA2.057

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.029749	72.854	8.000	ug/L	3.000
	10	B	251.735583	1.195	9371.501	ug/L	90.668
	23	Na	29913.418512	0.983	149286303.177	ug/L	24909.622
	24	Mg	5729.883517	0.779	19440988.666	ug/L	6273.773
	27	Al	10.827202	0.534	68895.421	ug/L	15227.285
	39	K	682.546236	1.526	5714312.920	ug/L	707925.205
	44	Ca	13481.464328	1.765	3361239.323	ug/L	48369.900
>	45	Sc-1			496509.855	ug/L	467697.114
	51	V	18.495460	2.289	142019.034	ug/L	-17188.401
	52	Cr	22.665324	1.806	208975.302	ug/L	43700.177
	55	Mn	2.793260	2.402	34711.808	ug/L	3939.583
	57	Fe	-22.781631	4.086	2482.815	ug/L	6563.304
	59	Co	0.128200	3.192	1064.384	ug/L	70.668
	60	Ni	0.436319	6.922	950.374	ug/L	205.004
	65	Cu	0.444925	0.820	1106.054	ug/L	201.670
	66	Zn	3.023390	36.880	7319.990	ug/L	3569.482
>	72	Ge-1			602740.865	ug/L	592936.498
	75	As	9.286207	4.761	12629.529	ug/L	-502.888
	82	Se	0.475825	40.662	0.778	ug/L	-70.642
	97	Mo	1.129817	5.136	2204.859	ug/L	69.001
	107	Ag	0.007465	12.631	174.669	ug/L	109.002
	111	Cd	0.064076	10.420	154.002	ug/L	35.667
>	115	In-1			1033905.747	ug/L	994304.053
	123	Sb	0.094906	9.327	695.362	ug/L	235.401
	135	Ba	2.550225	3.603	4492.085	ug/L	183.670
>	165	Ho-1			1312211.462	ug/L	1276105.159
	205	Tl	0.701568	39.554	15162.804	ug/L	1936.818
	208	Pb	0.067176	8.876	5308.102	ug/L	3500.871
	238	U	2.505058	3.340	40985.151	ug/L	35.667
>	45	Sc-2			496509.855	ug/L	467697.114
	53	Cr	-65.060682	19.102	293237.922	ug/L	319041.768
	54	Fe	12.446445	20.224	51920.830	ug/L	42890.999
	61	Ni	1.636647	17.791	1259.401	ug/L	1069.051
	63	Cu	0.500615	5.269	2313.544	ug/L	321.674
	67	Zn	-0.374123	671.059	22768.366	ug/L	21519.078
>	72	Ge			602740.865	ug/L	592936.498
	77	Se	-63.555516	14.361	6581.069	ug/L	13366.987
	98	Mo	1.145467	4.926	5661.798	ug/L	95.062
	109	Ag	0.026432	22.772	342.674	ug/L	120.002
>	115	In-2			1033905.747	ug/L	994304.053
	114	Cd	0.065088	18.283	320.557	ug/L	53.748
	121	Sb	0.075998	19.722	809.365	ug/L	329.340
	137	Ba	2.601120	3.986	7696.484	ug/L	281.339
>	165	Ho-2			1312211.462	ug/L	1276105.159
	182	W	0.864046	14.382	5607.168	ug/L	457.679
	183	W	0.867538	16.262	3095.704	ug/L	253.338
	194	Pt	0.048047	8.636	304.006	ug/L	76.668
	195	Pt	0.053965	4.731	308.673	ug/L	48.001
	203	Tl	0.711162	39.254	6415.613	ug/L	780.029
	206	Pb	0.070298	9.593	1376.080	ug/L	888.037
	207	Pb	0.071034	13.892	1157.725	ug/L	745.027
>	45	Sc			496509.855	ug/L	467697.114
	47	Ti	1.015785	1.979	1382.747	ug/L	647.355
	86	Sr	422.409690	2.177	983368.992	ug/L	151.307
	88	Sr	431.604601	1.908	8625530.766	ug/L	1301.072
>	115	In			1033905.747	ug/L	994304.053
	118	Sn	0.124957	4.158	1035.715	ug/L	357.341

120 Sn	0.127516	16.252	1421.012	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	106.161	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	101.654	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	103.983	
Sb	123		
Ba	135		
> Ho-1	165	102.829	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	106.161	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	101.654	
Se	77		
Mo	98		
Ag	109		
> In-2	115	103.983	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	102.829	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	106.161	
Tl	47		
Sr	86		
Sr	88		
> In	115	103.983	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA2S
Sample Date/Time: Thursday, May 24, 2007 14:17:02
Autosampler Position: 27
Dataset File: D:\Elandata\Dataset\052407m1\JWPA2S.058

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	2.288491	6.720	366.008	ug/L	3.000
	10	B	334.202411	4.623	12126.272	ug/L	90.668
	23	Na	31639.887115	3.458	154299866.147	ug/L	24909.622
	24	Mg	7919.977759	3.191	26257958.718	ug/L	6273.773
	27	Al	105.040421	3.632	515712.961	ug/L	15227.265
	39	K	3110.151073	4.398	22835046.162	ug/L	707925.205
	44	Ca	15482.664019	2.947	3765204.834	ug/L	48369.900
>	45	Sc-1			485220.233	ug/L	467697.114
	51	V	39.414125	5.930	315917.481	ug/L	-17188.401
	52	Cr	31.937902	5.218	269212.336	ug/L	43700.177
	55	Mn	25.586287	4.135	277390.208	ug/L	3939.583
	57	Fe	20.644059	3.961	10781.293	ug/L	6563.304
	59	Co	23.266822	3.838	175566.228	ug/L	70.668
	60	Ni	22.222238	3.049	36696.128	ug/L	205.004
	65	Cu	11.477385	2.900	22694.914	ug/L	201.670
	66	Zn	22.904228	4.522	29808.393	ug/L	3569.482
>	72	Ge-1			589220.231	ug/L	592936.498
	75	As	107.961495	2.583	148905.917	ug/L	-502.888
	82	Se	85.890341	1.987	12746.994	ug/L	-70.642
	97	Mo	49.155129	3.890	90222.549	ug/L	69.001
	107	Ag	2.727598	3.675	21873.634	ug/L	109.002
	111	Cd	2.571335	4.464	4592.785	ug/L	35.667
>	115	In-1			1003884.092	ug/L	994304.053
	123	Sb	24.000034	3.333	110907.171	ug/L	235.401
	135	Ba	93.080408	5.043	155658.492	ug/L	183.670
>	165	Ho-1			1298657.189	ug/L	1276105.159
	205	Tl	88.592264	1.581	1649643.318	ug/L	1936.818
	208	Pb	23.348948	3.039	591663.696	ug/L	3500.871
	238	U	93.086640	2.974	1506319.028	ug/L	35.667
>	45	Sc-2			485220.233	ug/L	467697.114
	53	Cr	-17.672253	20.095	318925.038	ug/L	319041.768
	54	Fe	62.191428	13.568	75711.355	ug/L	42890.999
	61	Ni	23.773623	6.598	2874.318	ug/L	1069.051
	63	Cu	11.512347	3.551	44663.874	ug/L	321.674
	67	Zn	22.434849	3.817	26867.845	ug/L	21519.078
>	72	Ge			589220.231	ug/L	592936.498
	77	Se	62.315310	10.900	19996.332	ug/L	13366.987
	98	Mo	49.369435	2.744	232963.972	ug/L	95.062
	109	Ag	3.542242	5.385	28501.747	ug/L	120.002
>	115	In-2			1003884.092	ug/L	994304.053
	114	Cd	2.535573	1.561	10066.560	ug/L	53.748
	121	Sb	24.258476	2.037	145264.171	ug/L	329.340
	137	Ba	94.761526	3.852	267436.994	ug/L	281.339
>	165	Ho-2			1298657.189	ug/L	1276105.159
	182	W	91.926955	3.021	541590.126	ug/L	457.679
	183	W	90.549355	3.460	293304.172	ug/L	253.338
	194	Pt	92.639651	4.002	430057.809	ug/L	76.668
	195	Pt	93.847363	4.262	446658.435	ug/L	48.001
	203	Tl	90.612561	2.795	709535.840	ug/L	780.029
	206	Pb	23.215306	3.452	152403.491	ug/L	888.037
	207	Pb	23.472122	3.421	128831.068	ug/L	745.027
>	45	Sc			485220.233	ug/L	467697.114
	47	Ti	92.446950	5.216	52532.406	ug/L	647.355
	86	Sr	459.506490	3.703	1045462.404	ug/L	151.307
	88	Sr	471.697797	3.893	9212806.597	ug/L	1301.072
>	115	In			1003884.092	ug/L	994304.053
	118	Sn	94.797234	5.545	489544.252	ug/L	357.341

120 Sn	95.801867	4.516	667155.637	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	103.747	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	99.373	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	100.963	
Sb	123		
Ba	135		
> Ho-1	165	101.767	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	103.747	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	99.373	
Se	77		
Mo	98		
Ag	109		
> In-2	115	100.963	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	101.767	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	103.747	
Tl	47		
Sr	86		
Sr	88		
> In	115	100.963	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA2D
Sample Date/Time: Thursday, May 24, 2007 14:23:07
Autosampler Position: 28
Dataset File: D:\Elandata\Dataset\052407m1\JWPA2D.059

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	2.426486	3.837	387.009	ug/L	3.000
	10	B	342.331580	1.182	12388.827	ug/L	90.668
	23	Na	31437.689899	1.793	152951504.786	ug/L	24909.622
	24	Mg	7978.452615	1.424	26386098.840	ug/L	6273.773
	27	Al	106.113432	1.176	519524.931	ug/L	15227.265
	39	K	3131.358986	2.408	22926180.174	ug/L	707925.205
	44	Ca	15302.593246	1.424	3712553.382	ug/L	48369.900
>	45	Sc-1			484023.918	ug/L	467697.114
	51	V	38.513745	0.925	307580.451	ug/L	-17188.401
	52	Cr	31.834749	1.242	267863.944	ug/L	43700.177
	55	Mn	25.544422	2.513	276228.115	ug/L	3939.583
	57	Fe	20.729517	4.320	10769.729	ug/L	6563.304
	59	Co	23.234634	1.430	174883.350	ug/L	70.668
	60	Ni	21.881704	1.526	36047.454	ug/L	205.004
	65	Cu	11.468432	0.985	22623.797	ug/L	201.670
	66	Zn	22.986618	2.152	29826.403	ug/L	3569.482
>	72	Ge-1			593486.088	ug/L	592936.498
	75	As	105.575387	1.835	146636.841	ug/L	-502.888
	82	Se	81.645195	1.683	12199.176	ug/L	-70.642
	97	Mo	49.048301	1.164	91066.252	ug/L	69.001
	107	Ag	2.734247	0.587	22180.761	ug/L	109.002
	111	Cd	2.533059	1.103	4577.112	ug/L	35.667
>	115	In-1			1015561.155	ug/L	994304.053
	123	Sb	22.726135	1.750	106242.707	ug/L	235.401
	135	Ba	92.188649	0.791	154427.755	ug/L	183.670
>	165	Ho-1			1300946.136	ug/L	1276105.159
	205	Tl	88.854733	2.350	1657187.079	ug/L	1936.818
	208	Pb	23.626830	0.525	599679.491	ug/L	3500.871
	238	U	94.803435	0.834	1536710.566	ug/L	35.667
>	45	Sc-2			484023.918	ug/L	467697.114
	53	Cr	-8.642649	56.388	324275.560	ug/L	319041.768
	54	Fe	62.899761	10.033	75873.209	ug/L	42890.999
	61	Ni	24.239477	2.577	2901.657	ug/L	1069.051
	63	Cu	11.522051	0.273	44592.940	ug/L	321.674
	67	Zn	21.980251	15.342	26705.543	ug/L	21519.078
>	72	Ge			593486.088	ug/L	592936.498
	77	Se	67.165592	8.063	20669.264	ug/L	13366.987
	98	Mo	48.775805	1.077	232831.860	ug/L	95.062
	109	Ag	3.476118	1.272	28294.611	ug/L	120.002
>	115	In-2			1015561.155	ug/L	994304.053
	114	Cd	2.532716	4.255	10170.815	ug/L	53.748
	121	Sb	23.250583	0.975	140856.106	ug/L	329.340
	137	Ba	94.675751	0.709	267646.295	ug/L	281.339
>	165	Ho-2			1300946.136	ug/L	1276105.159
	182	W	93.077938	0.792	549278.291	ug/L	457.679
	183	W	92.227133	2.225	299215.863	ug/L	253.338
	194	Pt	95.707799	1.621	445019.632	ug/L	76.668
	195	Pt	95.968167	2.135	457476.965	ug/L	48.001
	203	Tl	90.750747	1.949	711758.814	ug/L	780.029
	206	Pb	23.331966	1.046	153420.961	ug/L	888.037
	207	Pb	23.506070	0.868	129232.861	ug/L	745.027
>	45	Sc			484023.918	ug/L	467697.114
	47	Ti	91.757987	1.298	61917.175	ug/L	647.355
	86	Sr	455.341365	1.950	1033345.336	ug/L	151.307
	88	Sr	472.969952	1.331	9214673.408	ug/L	1301.072
>	115	In			1015561.155	ug/L	994304.053
	118	Sn	93.919816	1.349	490598.385	ug/L	357.341

120	Sn	94.696196	0.187	667082.639	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	103.491	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	100.093	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	102.138	
Sb	123		
Ba	135		
Ho-1	165	101.947	
Tl	205		
Pb	208		
U	238		
Sc-2	45	103.491	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	100.093	
Se	77		
Mo	98		
Ag	109		
In-2	115	102.138	
Cd	114		
Sb	121		
Ba	137		
Ho-2	165	101.947	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	103.491	
Ti	47		
Sr	86		
Sr	88		
In	115	102.138	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA2V
Sample Date/Time: Thursday, May 24, 2007 14:29:12
Autosampler Position: 29
Dataset File: D:\Elandata\Dataset\052407m1\JWPA2V.060

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	-0.002517	150.981	2.667	ug/L	3.000
	10	B	56.054551	0.794	2078.172	ug/L	90.668
	23	Na	5915.335855	2.909	28399536.251	ug/L	24909.622
	24	Mg	1155.912868	1.893	3775621.253	ug/L	6273.773
	27	Al	1.172958	4.710	21032.682	ug/L	15227.265
	39	K	122.971149	1.303	1582162.735	ug/L	707925.205
	44	Ca	2704.824447	0.413	687873.994	ug/L	48369.900
>	45	Sc-1			477352.501	ug/L	467697.114
	51	V	4.500299	14.652	19959.552	ug/L	-17188.401
	52	Cr	4.645464	3.269	76639.146	ug/L	43700.177
	55	Mn	0.494430	1.200	9217.065	ug/L	3939.583
	57	Fe	-5.788671	7.580	5602.753	ug/L	6563.304
	59	Co	0.020161	9.895	221.671	ug/L	70.668
	60	Ni	0.098706	13.207	368.675	ug/L	205.004
	65	Cu	0.053316	16.474	308.673	ug/L	201.670
	66	Zn	-0.401395	6.346	3193.055	ug/L	3569.482
>	72	Ge-1			595696.758	ug/L	592936.498
	75	As	1.437360	20.597	1507.886	ug/L	-502.888
	82	Se	0.261456	40.429	-31.633	ug/L	-70.642
	97	Mo	0.219791	8.435	473.679	ug/L	69.001
	107	Ag	0.004925	19.171	149.669	ug/L	109.002
	111	Cd	0.005034	127.579	45.001	ug/L	35.667
>	115	In-1			1006028.807	ug/L	994304.053
	123	Sb	0.027911	22.620	367.071	ug/L	235.401
	135	Ba	0.530596	2.553	1074.718	ug/L	183.670
>	165	Ho-1			1300751.553	ug/L	1276105.159
	205	Tl	0.349792	41.941	8477.765	ug/L	1936.818
	208	Pb	-0.006190	91.680	3411.525	ug/L	3500.871
	238	U	0.506688	1.206	8247.796	ug/L	35.667
>	45	Sc-2			477352.501	ug/L	467697.114
	53	Cr	-23.541687	37.311	309790.905	ug/L	319041.768
	54	Fe	4.125879	143.568	45808.854	ug/L	42890.999
	61	Ni	0.379256	219.585	1118.722	ug/L	1069.051
	63	Cu	0.066964	1.847	582.018	ug/L	321.674
	67	Zn	-4.769750	29.114	21011.985	ug/L	21519.078
>	72	Ge			595696.758	ug/L	592936.498
	77	Se	-7.798091	27.431	12578.293	ug/L	13366.987
	98	Mo	0.235570	4.612	1209.610	ug/L	95.062
	109	Ag	0.007793	33.471	184.003	ug/L	120.002
>	115	In-2			1006028.807	ug/L	994304.053
	114	Cd	0.005722	53.729	77.013	ug/L	53.748
	121	Sb	0.017612	6.507	438.678	ug/L	329.340
	137	Ba	0.537563	2.124	1804.465	ug/L	281.339
>	165	Ho-2			1300751.553	ug/L	1276105.159
	182	W	0.276481	18.041	2095.510	ug/L	457.679
	183	W	0.268693	19.610	1128.390	ug/L	253.338
	194	Pt	0.002534	133.718	90.001	ug/L	76.668
	195	Pt	0.005557	52.198	75.334	ug/L	48.001
	203	Tl	0.355256	42.187	3572.846	ug/L	780.029
	206	Pb	-0.001213	483.818	897.037	ug/L	888.037
	207	Pb	-0.003409	84.527	740.693	ug/L	745.027
>	45	Sc			477352.501	ug/L	467697.114
	47	Ti	0.131745	30.983	747.360	ug/L	647.355
	86	Sr	88.764988	1.263	198816.562	ug/L	151.307
	88	Sr	85.509768	0.892	1644155.210	ug/L	1301.072
>	115	In			1006028.807	ug/L	994304.053
	118	Sn	0.028525	26.014	509.014	ug/L	357.341

120	Sn	0.029495	23.642	699.977	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		
	B	10		
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	102.064	
	V	51		
	Cr	52		
	Mn	55		
	Fe	57		
	Co	59		
	Ni	60		
	Cu	65		
	Zn	66		
>	Ge-1	72	100.466	
	As	75		
	Se	82		
	Mo	97		
	Ag	107		
	Cd	111		
>	In-1	115	101.179	
	Sb	123		
	Ba	135		
>	Ho-1	165	101.931	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	102.064	
	Cr	53		
	Fe	54		
	Ni	61		
	Cu	63		
	Zn	67		
>	Ge	72	100.466	
	Se	77		
	Mo	98		
	Ag	109		
>	In-2	115	101.179	
	Cd	114		
	Sb	121		
	Ba	137		
>	Ho-2	165	101.931	
	W	182		
	W	183		
	Pt	194		
	Pt	195		
	Tl	203		
	Pb	206		
	Pb	207		
>	Sc	45	102.064	
	Ti	47		
	Sr	86		
	Sr	88		
>	In	115	101.179	
	Sn	118		
	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA3
Sample Date/Time: Thursday, May 24, 2007 14:35:18
Autosampler Position: 30
Dataset File: D:\Elandata\Dataset\052407m1\JWPA3.061

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.012789	87.990	5.000	ug/L	3.000
	10	B	257.273202	1.511	9103.658	ug/L	90.668
	23	Na	30856.548507	0.541	146405896.786	ug/L	24909.622
	24	Mg	5873.437161	2.159	18947849.745	ug/L	6273.773
	27	Al	-0.746603	11.219	11911.086	ug/L	15227.265
	39	K	705.856434	1.901	5594413.143	ug/L	707925.205
	44	Ca	13864.844365	1.494	3285408.313	ug/L	48369.900
>	45	Sc-1			472059.088	ug/L	467697.114
	51	V	18.099412	5.127	131779.796	ug/L	-17188.401
	52	Cr	24.629973	0.942	212081.123	ug/L	43700.177
	55	Mn	2.534083	0.785	30310.424	ug/L	3939.583
	57	Fe	-28.983088	8.038	1202.043	ug/L	6563.304
	59	Co	0.103047	8.103	827.366	ug/L	70.668
	60	Ni	0.428106	6.759	891.037	ug/L	205.004
	65	Cu	0.300599	6.849	776.696	ug/L	201.670
	66	Zn	0.941108	6.132	4646.135	ug/L	3569.482
>	72	Ge-1			586055.937	ug/L	592936.498
	75	As	8.359433	0.868	11007.411	ug/L	-502.888
	82	Se	0.161115	241.729	-46.146	ug/L	-70.642
	97	Mo	1.027518	0.540	1964.821	ug/L	69.001
	107	Ag	0.001460	197.303	122.335	ug/L	109.002
	111	Cd	0.009237	6.595	52.667	ug/L	35.667
>	115	In-1			1009396.248	ug/L	994304.053
	123	Sb	0.053463	6.414	486.854	ug/L	235.401
	135	Ba	2.376300	2.507	4187.656	ug/L	183.670
>	165	Ho-1			1308473.530	ug/L	1276105.159
	205	Tl	0.133254	34.651	4487.102	ug/L	1936.818
	208	Pb	0.005039	52.592	3717.225	ug/L	3500.871
	238	U	2.501954	1.544	40823.992	ug/L	35.667
>	45	Sc-2			472059.088	ug/L	467697.114
	53	Cr	0.024209	9521.453	322023.608	ug/L	319041.768
	54	Fe	7.750915	110.756	47050.250	ug/L	42890.999
	61	Ni	2.461388	24.941	1257.068	ug/L	1069.051
	63	Cu	0.312437	2.218	1495.093	ug/L	321.674
	67	Zn	-1.136216	132.591	21495.711	ug/L	21519.078
>	72	Ge			586055.937	ug/L	592936.498
	77	Se	-11.128331	30.127	12015.817	ug/L	13366.987
	98	Mo	1.026905	3.005	4966.272	ug/L	95.062
	109	Ag	0.004375	57.546	157.002	ug/L	120.002
>	115	In-2			1009396.248	ug/L	994304.053
	114	Cd	0.015136	16.401	114.653	ug/L	53.748
	121	Sb	0.033401	6.189	535.015	ug/L	329.340
	137	Ba	2.449449	1.106	7245.910	ug/L	281.339
>	165	Ho-2			1308473.530	ug/L	1276105.159
	182	W	0.427750	4.635	3006.680	ug/L	457.679
	183	W	0.407565	3.208	1588.771	ug/L	253.338
	194	Pt	0.005359	20.390	103.668	ug/L	76.668
	195	Pt	0.001892	113.259	58.334	ug/L	48.001
	203	Tl	0.136689	28.584	1878.478	ug/L	780.029
	206	Pb	0.006908	122.997	955.708	ug/L	888.037
	207	Pb	0.008747	56.568	812.031	ug/L	745.027
>	45	Sc			472059.088	ug/L	467697.114
	47	Ti	0.002529	516.940	655.022	ug/L	647.355
	86	Sr	443.780120	0.890	982299.936	ug/L	151.307
	88	Sr	450.023946	1.033	8551118.117	ug/L	1301.072
>	115	In			1009396.248	ug/L	994304.053
	118	Sn	0.018815	13.233	460.345	ug/L	357.341

120 Sn	0.017346	27.239	617.298	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	100.933	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	98.840	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	101.518	
Sb	123		
Ba	135		
Ho-1	165	102.536	
Tl	205		
Pb	208		
U	238		
Sc-2	45	100.933	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	98.840	
Se	77		
Mo	98		
Ag	109		
In-2	115	101.518	
Cd	114		
Sb	121		
Ba	137		
Ho-2	165	102.536	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	100.933	
Ti	47		
Sr	86		
Sr	88		
In	115	101.518	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA3S

Sample Date/Time: Thursday, May 24, 2007 14:41:24

Autosampler Position: 31

Dataset File: D:\Elandata\Dataset\052407m1\JWPA3S.062

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	2.380807	5.950	375.009	ug/L	3.000
	10	B	357.358542	1.325	12770.835	ug/L	90.668
	23	Na	33810.071859	2.030	162447218.851	ug/L	24909.622
	24	Mg	8493.144227	1.127	27742653.081	ug/L	6273.773
	27	Al	101.844185	1.196	493135.317	ug/L	15227.265
	39	K	3256.277350	0.798	23521539.257	ug/L	707925.205
	44	Ca	16509.848286	0.698	3952651.020	ug/L	48369.900
>	45	Sc-1			478075.025	ug/L	467697.114
	51	V	41.546078	2.499	329084.773	ug/L	-17188.401
	52	Cr	34.808611	0.838	285097.017	ug/L	43700.177
	55	Mn	27.145070	1.664	289708.163	ug/L	3939.583
	57	Fe	16.736071	12.571	9880.025	ug/L	6563.304
	59	Co	24.871882	1.161	184924.564	ug/L	70.668
	60	Ni	23.667282	0.460	38495.517	ug/L	205.004
	65	Cu	12.274927	1.427	23900.216	ug/L	201.670
	66	Zn	24.689226	0.623	31375.397	ug/L	3569.482
>	72	Ge-1			589871.927	ug/L	592936.498
	75	As	111.329004	1.101	153706.842	ug/L	-502.888
	82	Se	85.925452	3.202	12763.611	ug/L	-70.642
	97	Mo	51.632909	2.941	95081.130	ug/L	69.001
	107	Ag	2.811370	1.467	22618.788	ug/L	109.002
	111	Cd	2.672468	1.300	4787.850	ug/L	35.667
>	115	In-1			1007305.037	ug/L	994304.053
	123	Sb	23.239798	1.207	107761.397	ug/L	235.401
	135	Ba	98.026704	1.648	164287.249	ug/L	183.670
>	165	Ho-1			1301788.203	ug/L	1276105.159
	205	Tl	91.885493	3.028	1714620.005	ug/L	1936.818
	208	Pb	24.582592	1.431	624171.617	ug/L	3500.871
	238	U	100.663817	2.134	1632569.701	ug/L	35.667
>	45	Sc-2			478075.025	ug/L	467697.114
	53	Cr	12.720095	30.505	334675.947	ug/L	319041.768
	54	Fe	60.096357	6.142	73573.283	ug/L	42890.999
	61	Ni	27.202134	3.696	3083.364	ug/L	1069.051
	63	Cu	12.318016	0.338	47065.207	ug/L	321.674
	67	Zn	24.756222	11.973	26932.971	ug/L	21519.078
>	72	Ge			589871.927	ug/L	592936.498
	77	Se	73.688869	4.149	21251.262	ug/L	13366.987
	98	Mo	51.948067	0.929	245955.885	ug/L	95.062
	109	Ag	3.454164	1.530	27889.147	ug/L	120.002
>	115	In-2			1007305.037	ug/L	994304.053
	114	Cd	2.620894	4.003	10439.244	ug/L	53.748
	121	Sb	23.359747	0.484	140368.999	ug/L	329.340
	137	Ba	99.466810	1.538	281337.085	ug/L	281.339
>	165	Ho-2			1301788.203	ug/L	1276105.159
	182	W	98.380281	0.917	580908.686	ug/L	457.679
	183	W	98.618731	0.175	320175.246	ug/L	253.338
	194	Pt	98.388492	0.770	457797.666	ug/L	76.668
	195	Pt	98.523136	0.835	469984.184	ug/L	48.001
	203	Tl	93.306187	1.754	732243.965	ug/L	780.029
	206	Pb	24.453326	1.540	160848.080	ug/L	888.037
	207	Pb	24.775101	2.258	136247.433	ug/L	745.027
>	45	Sc			478075.025	ug/L	467697.114
	47	Ti	98.306268	0.441	65480.724	ug/L	647.355
	86	Sr	493.211305	0.781	1105644.769	ug/L	151.307
	88	Sr	511.822821	1.566	9849076.609	ug/L	1301.072
>	115	In			1007305.037	ug/L	994304.053
	118	Sn	101.121587	0.116	523919.036	ug/L	357.341

120 Sn	101.117982	1.186	706495.010	ug/L		488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		
	B	10		
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	102.219	
	V	51		
	Cr	52		
	Mn	55		
	Fe	57		
	Co	59		
	Ni	60		
	Cu	65		
	Zn	66		
>	Ge-1	72	99.483	
	As	75		
	Se	82		
	Mo	97		
	Ag	107		
	Cd	111		
>	In-1	115	101.308	
	Sb	123		
	Ba	135		
>	Ho-1	165	102.013	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	102.219	
	Cr	53		
	Fe	54		
	Ni	61		
	Cu	63		
	Zn	67		
>	Ge	72	99.483	
	Se	77		
	Mo	98		
	Ag	109		
>	In-2	115	101.308	
	Cd	114		
	Sb	121		
	Ba	137		
>	Ho-2	165	102.013	
	W	182		
	W	183		
	Pt	194		
	Pt	195		
	Tl	203		
	Pb	206		
	Pb	207		
>	Sc	45	102.219	
	Ti	47		
	Sr	86		
	Sr	88		
>	In	115	101.308	
	Sn	118		
	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA3D
Sample Date/Time: Thursday, May 24, 2007 14:47:31
Autosampler Position: 32
Dataset File: D:\Elandata\Dataset\052407m1\JWPA3D.063

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
⌈	9	Be	2.616469	7.227	417.010	ug/L	3.000
|	10	B	355.780211	2.325	12870.592	ug/L	90.668
|	23	Na	33198.202251	3.619	161477777.261	ug/L	24909.622
|	24	Mg	8383.995578	2.243	27724498.137	ug/L	6273.773
|	27	Al	100.075826	1.600	490834.347	ug/L	15227.265
|	39	K	3229.934034	1.569	23625167.785	ug/L	707925.205
|	44	Ca	16317.639360	1.590	3955390.458	ug/L	48369.900
|>	45	Sc-1			483964.995	ug/L	467697.114
|	51	V	40.473390	0.344	324083.568	ug/L	-17188.401
|	52	Cr	34.032378	0.101	283181.982	ug/L	43700.177
|	55	Mn	26.457226	1.447	285964.597	ug/L	3939.583
|	57	Fe	12.549142	7.053	9199.802	ug/L	6563.304
|	59	Co	24.360056	1.811	183344.739	ug/L	70.668
|	60	Ni	23.296852	1.115	38362.493	ug/L	205.004
|	65	Cu	12.184266	1.587	24018.751	ug/L	201.670
⌊	66	Zn	24.332193	1.610	31356.359	ug/L	3569.482
⌈>	72	Ge-1			588977.527	ug/L	592936.498
|	75	As	113.153344	1.175	155992.398	ug/L	-502.888
⌊	82	Se	87.878299	0.394	13037.031	ug/L	-70.642
⌈	97	Mo	51.088010	1.293	94064.956	ug/L	69.001
|	107	Ag	2.808514	1.070	22591.074	ug/L	109.002
|	111	Cd	2.620113	2.080	4693.818	ug/L	35.667
|>	115	In-1			1007156.788	ug/L	994304.053
⌊	123	Sb	24.661834	0.218	114324.074	ug/L	235.401
⌈	135	Ba	98.748363	1.693	165509.243	ug/L	183.670
|>	165	Ho-1			1301931.942	ug/L	1276105.159
|	205	Tl	92.963174	3.364	1734736.710	ug/L	1936.818
|	208	Pb	24.915300	1.526	632604.562	ug/L	3500.871
⌊	238	U	101.763185	2.590	1650505.444	ug/L	35.667
⌈>	45	Sc-2			483964.995	ug/L	467697.114
|	53	Cr	13.306482	41.606	339204.128	ug/L	319041.768
|	54	Fe	58.152401	10.509	73503.411	ug/L	42890.999
|	61	Ni	26.670943	2.781	3081.697	ug/L	1069.051
|	63	Cu	12.250595	0.885	47385.936	ug/L	321.674
⌊	67	Zn	23.181044	3.994	26948.998	ug/L	21519.078
⌈>	72	Ge			588977.527	ug/L	592936.498
⌊	77	Se	93.185768	4.680	23320.986	ug/L	13366.987
⌈	98	Mo	51.779999	0.443	245117.263	ug/L	95.062
|	109	Ag	3.720265	1.801	30021.482	ug/L	120.002
|>	115	In-2			1007156.788	ug/L	994304.053
|	114	Cd	2.612137	2.371	10401.699	ug/L	53.748
⌊	121	Sb	25.143997	1.056	151036.407	ug/L	329.340
⌈	137	Ba	100.383711	1.609	283950.029	ug/L	281.339
|>	165	Ho-2			1301931.942	ug/L	1276105.159
|	182	W	101.090907	2.205	596887.920	ug/L	457.679
|	183	W	100.758382	2.007	327107.525	ug/L	253.338
|	194	Pt	99.294105	2.447	461985.185	ug/L	76.668
|	195	Pt	99.210062	2.783	473224.650	ug/L	48.001
|	203	Tl	95.041571	2.247	745871.999	ug/L	780.029
|	206	Pb	24.607647	1.301	161880.031	ug/L	888.037
⌊	207	Pb	25.066037	1.082	137860.404	ug/L	745.027
⌈>	45	Sc			483964.995	ug/L	467697.114
|	47	Ti	96.649766	0.976	65180.686	ug/L	647.355
|	86	Sr	485.577242	0.852	1101967.980	ug/L	151.307
⌊	88	Sr	501.618284	1.351	9772147.613	ug/L	1301.072
⌈>	115	In			1007156.788	ug/L	994304.053
|	118	Sn	99.887549	0.522	517464.343	ug/L	357.341

120 Sn	99.887286	0.677	697782.859	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	103.478	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	99.332	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	101.293	
Sb	123		
Ba	135		
> Ho-1	165	102.024	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	103.478	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	99.332	
Se	77		
Mo	98		
Ag	109		
> In-2	115	101.293	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	102.024	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	103.478	
Tl	47		
Sr	86		
Sr	88		
> In	115	101.293	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA4
Sample Date/Time: Thursday, May 24, 2007 14:53:38
Autosampler Position: 33
Dataset File: D:\Elandata\Dataset\052407m1\JWPA4.064

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.012609	135.824	5.000	ug/L	3.000
	10	B	258.212042	0.772	9191.381	ug/L	90.668
	23	Na	29999.629830	2.261	143194513.216	ug/L	24909.622
	24	Mg	5693.486711	0.580	18476876.743	ug/L	6273.773
	27	Al	1.893712	3.141	24282.530	ug/L	15227.265
	39	K	678.242368	1.705	5435857.155	ug/L	707925.205
	44	Ca	13290.342305	1.503	3170387.780	ug/L	48369.900
>	45	Sc-1			474892.270	ug/L	467697.114
	51	V	16.295958	2.653	117611.109	ug/L	-17188.401
	52	Cr	23.726053	1.063	207159.329	ug/L	43700.177
	55	Mn	2.438552	0.772	29494.712	ug/L	3939.583
	57	Fe	-33.975088	4.370	266.158	ug/L	6563.304
	59	Co	0.096125	5.178	781.363	ug/L	70.668
	60	Ni	0.373139	7.222	807.698	ug/L	205.004
	65	Cu	0.302770	2.682	785.363	ug/L	201.670
	66	Zn	0.883805	7.523	4610.457	ug/L	3569.482
>	72	Ge-1			579880.517	ug/L	592936.498
	75	As	7.958259	8.609	10343.558	ug/L	-502.888
	82	Se	0.303777	71.529	-24.568	ug/L	-70.642
	97	Mo	1.003797	2.554	1903.146	ug/L	69.001
	107	Ag	0.001646	89.712	122.668	ug/L	109.002
	111	Cd	0.012736	30.188	58.334	ug/L	35.667
>	115	In-1			999892.924	ug/L	994304.053
	123	Sb	0.058812	19.529	506.903	ug/L	235.401
	135	Ba	2.359674	1.785	4098.296	ug/L	183.670
>	165	Ho-1			1289336.708	ug/L	1276105.159
	205	Tl	0.339841	41.794	8226.607	ug/L	1936.818
	208	Pb	0.007752	31.524	3730.896	ug/L	3500.871
	238	U	2.508391	1.539	40331.928	ug/L	35.667
>	45	Sc-2			474892.270	ug/L	467697.114
	53	Cr	36.795767	27.737	348562.842	ug/L	319041.768
	54	Fe	9.337092	69.946	48133.948	ug/L	42890.999
	61	Ni	2.456208	21.756	1264.069	ug/L	1069.051
	63	Cu	0.310572	8.431	1497.094	ug/L	321.674
	67	Zn	-1.195503	98.935	21613.556	ug/L	21519.078
>	72	Ge			579880.517	ug/L	592936.498
	77	Se	26.167547	34.780	15851.250	ug/L	13366.987
	98	Mo	1.026334	0.596	4917.217	ug/L	95.062
	109	Ag	0.008431	25.059	188.003	ug/L	120.002
>	115	In-2			999892.924	ug/L	994304.053
	114	Cd	0.014820	20.403	112.310	ug/L	53.748
	121	Sb	0.040367	7.095	571.350	ug/L	329.340
	137	Ba	2.443773	3.382	7123.848	ug/L	281.339
>	165	Ho-2			1289336.708	ug/L	1276105.159
	182	W	0.544780	9.232	3645.503	ug/L	457.679
	183	W	0.545369	12.131	2007.829	ug/L	253.338
	194	Pt	0.005538	37.452	103.001	ug/L	76.668
	195	Pt	0.009071	29.403	91.335	ug/L	48.001
	203	Tl	0.346331	42.795	3475.154	ug/L	780.029
	206	Pb	0.008307	80.473	951.041	ug/L	888.037
	207	Pb	0.006392	89.859	787.363	ug/L	745.027
>	45	Sc			474892.270	ug/L	467697.114
	47	Ti	0.612765	12.986	1058.717	ug/L	647.355
	86	Sr	428.617563	0.781	954481.915	ug/L	151.307
	88	Sr	440.081309	2.175	8412815.284	ug/L	1301.072
>	115	In			999892.924	ug/L	994304.053
	118	Sn	0.036633	13.834	547.683	ug/L	357.341

120 Sn	0.038151	33.595	756.013	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	101.538	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	97.798	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	100.562	
Sb	123		
Ba	135		
Ho-1	165	101.037	
Tl	205		
Pb	208		
U	238		
Sc-2	45	101.538	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	97.798	
Se	77		
Mo	98		
Ag	109		
In-2	115	100.562	
Cd	114		
Sb	121		
Ba	137		
Ho-2	165	101.037	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	101.538	
Tl	47		
Sr	86		
Sr	88		
In	115	100.562	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 6
Sample Date/Time: Thursday, May 24, 2007 14:59:46
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 6.065

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	193.648225	1.905	29222.157	ug/L	3.000
	10	B	197.079837	1.092	6840.372	ug/L	90.668
	23	Na	1934.448208	1.641	8998423.983	ug/L	24909.622
	24	Mg	985.511918	2.380	3113981.766	ug/L	6273.773
	27	Al	1928.052375	1.839	8745930.700	ug/L	15227.265
	39	K	1907.269447	0.338	13593094.111	ug/L	707925.205
	44	Ca	1052.824780	0.974	288106.431	ug/L	48369.900
>	45	Sc-1			461639.006	ug/L	467697.114
	51	V	185.139019	2.026	1474612.704	ug/L	-17188.401
	52	Cr	189.184844	0.470	1304913.270	ug/L	43700.177
	55	Mn	181.065575	1.023	1844003.984	ug/L	3939.583
	57	Fe	2046.828429	1.411	381143.538	ug/L	6563.304
	59	Co	183.520216	1.742	1317131.664	ug/L	70.668
	60	Ni	182.407015	0.772	285122.730	ug/L	205.004
	65	Cu	182.851733	1.191	341023.186	ug/L	201.670
	66	Zn	183.842169	1.035	202881.845	ug/L	3569.482
>	72	Ge-1			574829.151	ug/L	592936.498
	75	As	189.692762	1.353	255526.743	ug/L	-502.888
	82	Se	186.606092	0.401	27094.648	ug/L	-70.642
	97	Mo	186.244971	1.313	332223.259	ug/L	69.001
	107	Ag	47.473570	1.546	368458.888	ug/L	109.002
	111	Cd	189.339139	2.376	326274.047	ug/L	35.667
>	115	In-1			976327.493	ug/L	994304.053
	123	Sb	187.102953	1.661	839172.006	ug/L	235.401
	135	Ba	180.988929	1.663	296175.867	ug/L	183.670
>	165	Ho-1			1271737.335	ug/L	1276105.159
	205	Tl	181.736739	1.486	3311862.699	ug/L	1936.818
	208	Pb	187.628118	1.719	4630646.824	ug/L	3500.871
	238	U	192.927978	0.746	3056971.043	ug/L	35.667
>	45	Sc-2			461639.006	ug/L	467697.114
	53	Cr	177.320315	5.952	430154.978	ug/L	319041.768
	54	Fe	2002.383118	1.061	998684.005	ug/L	42890.999
	61	Ni	184.963219	1.162	14122.786	ug/L	1069.051
	63	Cu	183.337905	1.667	671973.152	ug/L	321.674
	67	Zn	175.925881	1.655	55128.384	ug/L	21519.078
>	72	Ge			574829.151	ug/L	592936.498
	77	Se	203.969494	3.086	34419.651	ug/L	13366.987
	98	Mo	187.148356	1.283	858522.686	ug/L	95.062
	109	Ag	46.105250	0.285	359356.509	ug/L	120.002
>	115	In-2			976327.493	ug/L	994304.053
	114	Cd	191.794846	1.047	736528.639	ug/L	53.748
	121	Sb	188.288440	0.715	1094284.812	ug/L	329.340
	137	Ba	183.569659	1.091	507029.221	ug/L	281.339
>	165	Ho-2			1271737.335	ug/L	1276105.159
	182	W	185.392871	0.655	1069049.616	ug/L	457.679
	183	W	186.093243	0.905	589983.036	ug/L	253.338
	194	Pt	187.005977	0.328	850029.450	ug/L	76.668
	195	Pt	186.501616	1.663	869120.889	ug/L	48.001
	203	Tl	180.146701	0.395	1380579.920	ug/L	780.029
	206	Pb	192.195886	2.030	1228965.451	ug/L	888.037
	207	Pb	187.359566	1.528	1001719.669	ug/L	745.027
>	45	Sc			461639.006	ug/L	467697.114
	47	Ti	191.488805	0.878	122551.642	ug/L	647.355
	86	Sr	188.953583	2.173	409085.180	ug/L	151.307
	88	Sr	187.554373	1.273	3486102.240	ug/L	1301.072
>	115	In			976327.493	ug/L	994304.053
	118	Sn	189.168376	1.498	949547.256	ug/L	357.341

120 Sn	188.889479	0.423	1278705.360	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		96.824
B	10		98.540
Na	23		96.722
Mg	24		98.551
Al	27		96.403
K	39		95.363
Ca	44		105.282
> Sc-1	45	98.705	
V	51		92.570
Cr	52		94.592
Mn	55		90.533
Fe	57		102.341
Co	59		91.760
Ni	60		91.204
Cu	65		91.426
Zn	66		91.921
> Ge-1	72	96.946	
As	75		94.846
Se	82		93.303
Mo	97		93.122
Ag	107		94.947
Cd	111		94.670
> In-1	115	98.192	
Sb	123		93.551
Ba	135		90.494
> Ho-1	165	99.658	
Tl	205		90.868
Pb	208		93.814
U	238		96.464
> Sc-2	45	98.705	
Cr	53		88.660
Fe	54		100.119
Ni	61		92.482
Cu	63		91.669
Zn	67		87.963
> Ge	72	96.946	
Se	77		101.985
Mo	98		93.574
Ag	109		92.211
> In-2	115	98.192	
Cd	114		95.897
Sb	121		94.144
Ba	137		91.785
> Ho-2	165	99.658	
W	182		92.696
W	183		93.047
Pt	194		93.503
Pt	195		93.251
Tl	203		90.073
Pb	206		96.098
Pb	207		93.680
> Sc	45	98.705	
Ti	47		95.744
Sr	86		94.477
Sr	88		93.777
> In	115	98.192	
Sn	118		94.584
Sn	120		94.445

QC Out Of Limits

Analyte	Mass	Out of Limits Message
Cr	53	Q
Zn	67	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 7
Sample Date/Time: Thursday, May 24, 2007 15:06:23
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 7.066

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.013512	128.744	5.000	ug/L	3.000
	10	B	7.284558	13.845	338.341	ug/L	90.668
	23	Na	0.480854	11.585	26765.317	ug/L	24909.622
	24	Mg	0.112541	6.156	6534.893	ug/L	6273.773
	27	Al	0.066083	104.424	15298.341	ug/L	15227.265
	39	K	-1.823641	59.246	685101.659	ug/L	707925.205
	44	Ca	-8.518355	22.428	45711.145	ug/L	48369.900
>	45	Sc-1			460764.287	ug/L	467697.114
	51	V	1.348623	31.408	-6108.609	ug/L	-17188.401
	52	Cr	-0.706031	8.316	38352.804	ug/L	43700.177
	55	Mn	-0.078737	10.769	3082.030	ug/L	3939.583
	57	Fe	-2.405794	10.313	6026.211	ug/L	6563.304
	59	Co	0.009734	46.936	139.335	ug/L	70.668
	60	Ni	0.003938	272.346	208.004	ug/L	205.004
	65	Cu	0.016349	64.486	229.004	ug/L	201.670
	66	Zn	-0.201785	59.801	3297.414	ug/L	3569.482
>	72	Ge-1			573920.823	ug/L	592936.498
	75	As	0.142711	242.787	-295.246	ug/L	-502.888
	82	Se	-0.084128	295.258	-80.552	ug/L	-70.642
	97	Mo	0.088504	36.870	226.004	ug/L	69.001
	107	Ag	0.004762	35.531	144.336	ug/L	109.002
	111	Cd	0.015792	67.946	62.334	ug/L	35.667
>	115	In-1			978534.227	ug/L	994304.053
	123	Sb	0.040022	25.772	411.449	ug/L	235.401
	135	Ba	0.012674	35.329	203.337	ug/L	183.670
>	165	Ho-1			1268800.859	ug/L	1276105.159
	205	Tl	0.357292	35.470	8410.680	ug/L	1936.818
	208	Pb	0.001112	773.414	3506.871	ug/L	3500.871
	238	U	0.012998	29.593	240.671	ug/L	35.667
>	45	Sc-2			460764.287	ug/L	467697.114
	53	Cr	-48.046013	11.414	283132.931	ug/L	319041.768
	54	Fe	-0.297124	1839.117	42102.519	ug/L	42890.999
	61	Ni	-0.483871	185.178	1018.713	ug/L	1069.051
	63	Cu	0.012896	26.462	364.008	ug/L	321.674
	67	Zn	-3.596866	51.056	20506.580	ug/L	21519.078
>	72	Ge			573920.823	ug/L	592936.498
	77	Se	-22.970523	15.727	10525.848	ug/L	13366.987
	98	Mo	0.099637	33.867	551.228	ug/L	95.062
	109	Ag	0.017333	21.312	253.338	ug/L	120.002
>	115	In-2			978534.227	ug/L	994304.053
	114	Cd	0.018767	21.040	125.062	ug/L	53.748
	121	Sb	0.035721	25.254	532.015	ug/L	329.340
	137	Ba	0.006527	172.304	297.673	ug/L	281.339
>	165	Ho-2			1268800.859	ug/L	1276105.159
	182	W	0.275261	24.610	2036.836	ug/L	457.679
	183	W	0.265018	24.726	1089.053	ug/L	253.338
	194	Pt	0.007252	43.673	109.002	ug/L	76.668
	195	Pt	0.013399	15.728	110.002	ug/L	48.001
	203	Tl	0.353013	33.475	3469.808	ug/L	780.029
	206	Pb	0.003124	266.791	902.704	ug/L	888.037
	207	Pb	0.000591	1007.916	743.693	ug/L	745.027
>	45	Sc			460764.287	ug/L	467697.114
	47	Ti	-0.050959	15.984	605.352	ug/L	647.355
	86	Sr	-0.026149	115.242	92.760	ug/L	151.307
	88	Sr	0.011043	33.848	1486.426	ug/L	1301.072
>	115	In			978534.227	ug/L	994304.053
	118	Sn	0.043328	26.376	569.350	ug/L	357.341

L	120 Sn	0.045849	17.152	791.653	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
⌈	Be	9		1.351
|	B	10		728.456
|	Na	23		0.481
|	Mg	24		0.113
|	Al	27		0.066
|	K	39		-1.824
|	Ca	44		-8.518
|>	Sc-1	45	98.518	
|	V	51		134.862
|	Cr	52		-70.603
|	Mn	55		-7.874
|	Fe	57		-2.406
|	Co	59		0.973
|	Ni	60		0.394
|	Cu	65		1.635
L	Zn	66		-20.179
⌈>	Ge-1	72	96.793	
|	As	75		14.271
L	Se	82		-8.413
⌈	Mo	97		8.850
|	Ag	107		0.476
|	Cd	111		1.579
|>	In-1	115	98.414	
L	Sb	123		4.002
⌈	Ba	135		1.267
|>	Ho-1	165	99.428	
|	Tl	205		35.729
|	Pb	208		0.111
L	U	238		1.300
⌈>	Sc-2	45	98.518	
|	Cr	53		-4804.601
|	Fe	54		-0.297
|	Ni	61		-48.387
|	Cu	63		1.290
L	Zn	67		-359.687
⌈>	Ge	72	96.793	
L	Se	77		-2297.052
⌈	Mo	98		9.964
|	Ag	109		1.733
|>	In-2	115	98.414	
|	Cd	114		1.877
L	Sb	121		3.572
⌈	Ba	137		0.653
|>	Ho-2	165	99.428	
|	W	182		27.526
|	W	183		26.502
|	Pt	194		0.725
|	Pt	195		1.340
|	Tl	203		35.301
|	Pb	206		0.312
L	Pb	207		0.059
⌈>	Sc	45	98.518	
|	Ti	47		-5.096
|	Sr	86		-2.615
L	Sr	88		1.104
⌈>	In	115	98.414	
|	Sn	118		4.333
L	Sn	120		4.585

QC Out Of Limits

Analyte	Mass	Out of Limits Message
B	10	Q
V	51	Q
Cr	53	Q
Zn	67	Q
Se	77	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA5
Sample Date/Time: Thursday, May 24, 2007 15:12:59
Autosampler Position: 34
Dataset File: D:\Elandata\Dataset\052407m1\JWPA5.067

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.018124	56.341	5.667	ug/L	3.000
	10	B	68.290928	0.378	2417.229	ug/L	90.668
	23	Na	34240.478819	2.140	158117559.859	ug/L	24909.622
	24	Mg	8266.354456	2.254	25952069.036	ug/L	6273.773
	27	Al	48.606967	0.423	234006.674	ug/L	15227.265
	39	K	715.578823	1.939	5510340.160	ug/L	707925.205
	44	Ca	15557.096540	0.484	3582085.127	ug/L	48369.900
>	45	Sc-1			459430.395	ug/L	467697.114
	51	V	-5.859774	10.278	-63855.901	ug/L	-17188.401
	52	Cr	389.737392	0.446	2629914.043	ug/L	43700.177
	55	Mn	0.669854	3.507	10645.072	ug/L	3939.583
	57	Fe	-2.731903	61.535	5949.736	ug/L	6563.304
	59	Co	0.044562	9.978	387.676	ug/L	70.668
	60	Ni	0.397755	1.185	819.698	ug/L	205.004
	65	Cu	0.160939	4.443	496.680	ug/L	201.670
	66	Zn	1.030812	9.078	4619.126	ug/L	3569.482
>	72	Ge-1			574497.765	ug/L	592936.498
	75	As	2.039870	22.558	2265.911	ug/L	-502.888
	82	Se	0.113200	213.251	-51.915	ug/L	-70.642
	97	Mo	0.354421	6.662	699.357	ug/L	69.001
	107	Ag	0.013403	36.548	210.670	ug/L	109.002
	111	Cd	0.015109	15.857	61.001	ug/L	35.667
>	115	In-1			975724.675	ug/L	994304.053
	123	Sb	0.040190	13.208	411.002	ug/L	235.401
	135	Ba	1.416046	1.404	2520.914	ug/L	183.670
>	165	Ho-1			1282760.050	ug/L	1276105.159
	205	Tl	0.144496	35.981	4597.472	ug/L	1936.818
	208	Pb	0.006241	66.866	3673.886	ug/L	3500.871
	238	U	0.414223	0.383	6656.284	ug/L	35.667
>	45	Sc-2			459430.395	ug/L	467697.114
	53	Cr	410.894230	3.882	579164.449	ug/L	319041.768
	54	Fe	47.516541	15.180	64707.978	ug/L	42890.999
	61	Ni	3.347523	18.522	1285.404	ug/L	1069.051
	63	Cu	0.304113	4.899	1424.752	ug/L	321.674
	67	Zn	-3.918317	22.448	20387.074	ug/L	21519.078
>	72	Ge			574497.765	ug/L	592936.498
	77	Se	-42.363867	25.331	8497.032	ug/L	13366.987
	98	Mo	0.338016	1.071	1642.983	ug/L	95.062
	109	Ag	0.018093	36.924	258.338	ug/L	120.002
>	115	In-2			975724.675	ug/L	994304.053
	114	Cd	0.015983	8.883	114.122	ug/L	53.748
	121	Sb	0.017209	17.034	423.010	ug/L	329.340
	137	Ba	1.467973	0.634	4370.379	ug/L	281.339
>	165	Ho-2			1282760.050	ug/L	1276105.159
	182	W	0.129174	10.148	1210.730	ug/L	457.679
	183	W	0.126101	8.000	657.688	ug/L	253.338
	194	Pt	-0.001689	35.721	69.334	ug/L	76.668
	195	Pt	0.000584	155.233	51.001	ug/L	48.001
	203	Tl	0.150147	39.236	1942.156	ug/L	780.029
	206	Pb	0.008316	91.985	946.041	ug/L	888.037
	207	Pb	0.011734	47.319	812.031	ug/L	745.027
>	45	Sc			459430.395	ug/L	467697.114
	47	Ti	1.736704	3.116	1736.456	ug/L	647.355
	86	Sr	393.430527	0.294	847609.711	ug/L	151.307
	88	Sr	397.122431	1.505	7344816.224	ug/L	1301.072
>	115	In			975724.675	ug/L	994304.053
	118	Sn	0.013441	23.151	418.010	ug/L	357.341

120 Sn	0.011840	26.410	559.452	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	98.232	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	96.890	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	98.131	
Sb	123		
Ba	135		
> Ho-1	165	100.522	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	98.232	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	96.890	
Se	77		
Mo	98		
Ag	109		
> In-2	115	98.131	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	100.522	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	98.232	
Ti	47		
Sr	86		
Sr	88		
> In	115	98.131	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA6
Sample Date/Time: Thursday, May 24, 2007 15:19:07
Autosampler Position: 35
Dataset File: D:\Elandata\Dataset\052407m1\JWPA6.068

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.014103	127.594	5.000	ug/L	3.000
	10	B	68.462682	1.121	2398.559	ug/L	90.668
	23	Na	33284.131092	3.864	152050415.086	ug/L	24909.622
	24	Mg	8042.688605	3.560	24979301.849	ug/L	6273.773
	27	Al	-0.742599	10.165	11490.402	ug/L	15227.265
	39	K	711.647827	4.754	5424869.159	ug/L	707925.205
	44	Ca	15033.844506	1.702	3427205.164	ug/L	48369.900
>	45	Sc-1			454744.859	ug/L	467697.114
	51	V	-3.934747	15.656	-48004.046	ug/L	-17188.401
	52	Cr	373.629623	2.465	2496491.706	ug/L	43700.177
	55	Mn	-0.082729	7.658	3001.679	ug/L	3939.583
	57	Fe	-32.752928	5.640	479.725	ug/L	6563.304
	59	Co	0.030108	4.311	281.672	ug/L	70.668
	60	Ni	0.348876	2.055	736.026	ug/L	205.004
	65	Cu	0.111236	14.265	400.010	ug/L	201.670
	66	Zn	0.789571	9.415	4313.694	ug/L	3569.482
>	72	Ge-1			564904.085	ug/L	592936.498
	75	As	1.751401	18.953	1846.584	ug/L	-502.888
	82	Se	-0.178507	117.042	-93.035	ug/L	-70.642
	97	Mo	0.313649	4.094	618.020	ug/L	69.001
	107	Ag	0.004368	56.065	139.002	ug/L	109.002
	111	Cd	0.006608	64.265	45.667	ug/L	35.667
>	115	In-1			962027.894	ug/L	994304.053
	123	Sb	0.029436	3.350	357.830	ug/L	235.401
	135	Ba	0.936360	1.503	1663.780	ug/L	183.670
>	165	Ho-1			1234119.255	ug/L	1276105.159
	205	Tl	0.082927	35.273	3341.098	ug/L	1936.818
	208	Pb	-0.015663	12.014	3010.489	ug/L	3500.871
	238	U	0.392877	1.438	6075.019	ug/L	35.667
>	45	Sc-2			454744.859	ug/L	467697.114
	53	Cr	394.880150	5.793	562857.227	ug/L	319041.768
	54	Fe	13.938040	66.024	48313.169	ug/L	42890.999
	61	Ni	3.134227	22.105	1257.401	ug/L	1069.051
	63	Cu	0.273659	5.529	1300.072	ug/L	321.674
	67	Zn	-2.562914	119.318	20429.803	ug/L	21519.078
>	72	Ge			564904.085	ug/L	592936.498
	77	Se	-52.400174	4.062	7319.242	ug/L	13356.987
	98	Mo	0.312434	5.553	1503.714	ug/L	95.062
	109	Ag	0.006158	23.070	163.336	ug/L	120.002
>	115	In-2			962027.894	ug/L	994304.053
	114	Cd	0.011100	23.028	93.924	ug/L	53.748
	121	Sb	0.009443	24.922	372.675	ug/L	329.340
	137	Ba	0.938681	2.803	2786.300	ug/L	281.339
>	165	Ho-2			1234119.255	ug/L	1276105.159
	182	W	0.072054	4.611	845.700	ug/L	457.679
	183	W	0.076441	10.377	480.013	ug/L	253.338
	194	Pt	-0.000728	244.818	71.001	ug/L	76.668
	195	Pt	0.000429	306.919	48.334	ug/L	48.001
	203	Tl	0.083217	32.310	1373.414	ug/L	780.029
	206	Pb	-0.012928	52.529	778.362	ug/L	888.037
	207	Pb	-0.018212	17.535	626.020	ug/L	745.027
>	45	Sc			454744.859	ug/L	467697.114
	47	Ti	0.067580	33.515	671.689	ug/L	647.355
	86	Sr	378.171274	2.672	806196.038	ug/L	151.307
	88	Sr	389.471966	2.875	7127236.447	ug/L	1301.072
>	115	In			962027.894	ug/L	994304.053
	118	Sn	0.006072	33.899	375.675	ug/L	357.341

120 Sn	0.007487	15.527	522.765	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	97.231	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	95.272	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	96.754	
Sb	123		
Ba	135		
> Ho-1	165	96.710	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	97.231	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	95.272	
Se	77		
Mo	98		
Ag	109		
> In-2	115	96.754	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	96.710	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	97.231	
Tl	47		
Sr	86		
Sr	88		
> In	115	96.754	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA7
Sample Date/Time: Thursday, May 24, 2007 15:25:16
Autosampler Position: 36
Dataset File: D:\Elandata\Dataset\052407m1\JWPA7.069

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
⌈	9	Be	0.011062	65.346	4.667	ug/L	3.000
|	10	B	64.157638	1.424	2301.208	ug/L	90.668
|	23	Na	32382.836177	1.208	151162033.061	ug/L	24909.622
|	24	Mg	7710.475105	2.124	24468430.193	ug/L	6273.773
|	27	Al	2.381918	3.106	25972.181	ug/L	15227.265
|	39	K	681.539261	0.884	5338788.873	ug/L	707925.205
|	44	Ca	14255.094421	1.169	3322265.126	ug/L	48369.900
|>	45	Sc-1			464478.274	ug/L	467697.114
|	51	V	-4.596576	17.960	-54313.717	ug/L	-17188.401
|	52	Cr	361.333997	0.635	2468100.061	ug/L	43700.177
|	55	Mn	-0.039012	26.994	3512.800	ug/L	3939.583
|	57	Fe	-27.630158	4.807	1429.923	ug/L	6563.304
|	59	Co	0.028211	8.271	274.005	ug/L	70.668
|	60	Ni	0.361369	4.770	771.362	ug/L	205.004
|	65	Cu	0.117464	10.273	420.677	ug/L	201.670
⌊	66	Zn	0.753528	12.701	4366.378	ug/L	3569.482
⌈>	72	Ge-1			567067.234	ug/L	592936.498
|	75	As	1.540639	18.449	1571.868	ug/L	-502.888
⌊	82	Se	0.156124	252.637	-45.355	ug/L	-70.642
⌈	97	Mo	0.297557	7.627	604.019	ug/L	69.001
|	107	Ag	0.000847	219.717	114.668	ug/L	109.002
|	111	Cd	0.005162	110.307	44.334	ug/L	35.667
|>	115	In-1			985182.426	ug/L	994304.053
⌊	123	Sb	0.028353	13.762	361.582	ug/L	235.401
⌈	135	Ba	0.929703	2.813	1707.119	ug/L	183.670
|>	165	Ho-1			1274441.904	ug/L	1276105.159
|	205	Tl	0.039088	34.844	2648.607	ug/L	1936.818
|	208	Pb	-0.023729	16.728	2909.145	ug/L	3500.871
⌊	238	U	0.379771	1.538	6065.682	ug/L	35.667
⌈>	45	Sc-2			464478.274	ug/L	467697.114
|	53	Cr	375.331029	1.916	562272.035	ug/L	319041.768
|	54	Fe	14.401169	58.616	49499.803	ug/L	42890.999
|	61	Ni	3.006238	22.317	1275.070	ug/L	1069.051
|	63	Cu	0.237518	0.780	1195.062	ug/L	321.674
⌊	67	Zn	-6.209062	27.377	20166.093	ug/L	21519.078
⌈>	72	Ge			567067.234	ug/L	592936.498
⌊	77	Se	-51.507762	3.229	7437.835	ug/L	13366.987
⌈	98	Mo	0.289698	2.631	1435.077	ug/L	95.062
|	109	Ag	0.003954	40.967	150.002	ug/L	120.002
|>	115	In-2			985182.426	ug/L	994304.053
|	114	Cd	0.009647	26.837	90.653	ug/L	53.748
⌊	121	Sb	0.008711	40.687	377.342	ug/L	329.340
⌈	137	Ba	0.943722	1.391	2891.988	ug/L	281.339
|>	165	Ho-2			1274441.904	ug/L	1276105.159
|	182	W	0.044217	9.588	712.692	ug/L	457.679
|	183	W	0.035724	23.499	366.675	ug/L	253.338
|	194	Pt	-0.001470	252.179	70.001	ug/L	76.668
|	195	Pt	0.000101	2157.478	48.334	ug/L	48.001
|	203	Tl	0.039289	40.182	1081.052	ug/L	780.029
|	206	Pb	-0.023888	16.769	733.693	ug/L	888.037
⌊	207	Pb	-0.020500	31.810	634.020	ug/L	745.027
⌈>	45	Sc			464478.274	ug/L	467697.114
|	47	Ti	0.140008	42.556	732.693	ug/L	647.355
|	86	Sr	365.063499	0.765	795110.706	ug/L	151.307
⌊	88	Sr	371.279346	0.814	6941907.283	ug/L	1301.072
⌈>	115	In			985182.426	ug/L	994304.053
|	118	Sn	0.003822	178.281	373.342	ug/L	357.341

120 Sn	-0.000594	182.366	480.106	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		
	B	10		
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.312	
	V	51		
	Cr	52		
	Mn	55		
	Fe	57		
	Co	59		
	Ni	60		
	Cu	65		
	Zn	66		
>	Ge-1	72	95.637	
	As	75		
	Se	82		
	Mo	97		
	Ag	107		
	Cd	111		
>	In-1	115	99.083	
	Sb	123		
	Ba	135		
>	Ho-1	165	99.870	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.312	
	Cr	53		
	Fe	54		
	Ni	61		
	Cu	63		
	Zn	67		
>	Ge	72	95.637	
	Se	77		
	Mo	98		
	Ag	109		
>	In-2	115	99.083	
	Cd	114		
	Sb	121		
	Ba	137		
>	Ho-2	165	99.870	
	W	182		
	W	183		
	Pt	194		
	Pt	195		
	Tl	203		
	Pb	206		
	Pb	207		
>	Sc	45	99.312	
	Ti	47		
	Sr	86		
	Sr	88		
>	In	115	99.083	
	Sn	118		
	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA8
Sample Date/Time: Thursday, May 24, 2007 15:31:25
Autosampler Position: 37
Dataset File: D:\Elandata\Dataset\052407m1\JWPA8.070

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
⌈	9	Be	0.007195	161.870	4.000	ug/L	3.000
|	10	B	109.782622	1.105	3807.879	ug/L	90.668
|	23	Na	24683.155720	2.937	113269285.772	ug/L	24909.622
|	24	Mg	3871.613611	2.261	12081121.823	ug/L	6273.773
|	27	Al	-0.247529	10.323	13756.425	ug/L	15227.265
|	39	K	557.013462	2.231	4415467.533	ug/L	707925.205
|	44	Ca	9771.325254	1.796	2253433.481	ug/L	48389.900
|>	45	Sc-1			456568.045	ug/L	467697.114
|	51	V	0.457593	152.874	-13119.501	ug/L	-17188.401
|	52	Cr	10.264983	1.326	110370.154	ug/L	43700.177
|	55	Mn	219.718741	1.306	2212266.537	ug/L	3939.583
|	57	Fe	612.558700	0.745	117306.411	ug/L	6563.304
|	59	Co	0.143120	3.599	1084.719	ug/L	70.668
|	60	Ni	0.342935	7.773	730.026	ug/L	205.004
|	65	Cu	0.211807	5.505	587.351	ug/L	201.670
⌊	66	Zn	0.972003	10.845	4526.763	ug/L	3569.482
⌈>	72	Ge-1			564556.116	ug/L	592936.498
|	75	As	1.925513	13.940	2073.103	ug/L	-502.888
⌊	82	Se	0.166187	131.983	-43.553	ug/L	-70.642
⌈	97	Mo	1.168298	2.890	2119.845	ug/L	69.001
|	107	Ag	-0.000364	198.355	102.668	ug/L	109.002
|	111	Cd	0.009306	32.974	50.334	ug/L	35.667
|>	115	In-1			962122.690	ug/L	994304.053
⌊	123	Sb	0.015513	10.246	296.385	ug/L	235.401
⌈	135	Ba	0.578976	0.107	1111.388	ug/L	183.670
|>	165	Ho-1			1250792.013	ug/L	1276105.159
|	205	Tl	0.025896	45.082	2362.553	ug/L	1936.818
|	208	Pb	-0.001493	417.328	3394.657	ug/L	3500.871
⌊	238	U	0.854804	1.730	13356.041	ug/L	35.667
⌈>	45	Sc-2			456568.045	ug/L	467697.114
|	53	Cr	-31.218907	15.376	291375.505	ug/L	319041.768
|	54	Fe	629.122466	1.380	339053.774	ug/L	42890.999
|	61	Ni	2.894318	23.188	1245.733	ug/L	1069.051
|	63	Cu	0.220701	0.826	1113.721	ug/L	321.674
⌊	67	Zn	-2.601222	52.575	20511.254	ug/L	21519.078
⌈>	72	Ge			564556.116	ug/L	592936.498
⌊	77	Se	-42.559639	4.115	8329.751	ug/L	13366.987
⌈	98	Mo	1.190635	1.953	5473.609	ug/L	95.062
|	109	Ag	0.000242	292.492	118.002	ug/L	120.002
|>	115	In-2			962122.690	ug/L	994304.053
|	114	Cd	0.011672	10.266	96.169	ug/L	53.748
⌊	121	Sb	-0.000334	1035.219	316.673	ug/L	329.340
⌈	137	Ba	0.595830	1.161	1893.478	ug/L	281.339
|>	165	Ho-2			1250792.013	ug/L	1276105.159
|	182	W	0.038288	3.715	665.689	ug/L	457.679
|	183	W	0.028877	14.470	338.341	ug/L	253.338
|	194	Pt	-0.000626	431.706	72.334	ug/L	76.668
|	195	Pt	0.001739	165.363	55.001	ug/L	48.001
|	203	Tl	0.031167	42.897	999.712	ug/L	780.029
|	206	Pb	0.000143	8008.618	871.035	ug/L	888.037
⌊	207	Pb	0.004093	101.143	751.694	ug/L	745.027
⌈>	45	Sc			456568.045	ug/L	467697.114
|	47	Ti	0.113408	29.443	703.358	ug/L	647.355
|	86	Sr	225.862499	0.193	483637.792	ug/L	151.307
⌊	88	Sr	227.678895	0.724	4185049.970	ug/L	1301.072
⌈>	115	In			962122.690	ug/L	994304.053
|	118	Sn	-0.000811	347.761	341.674	ug/L	357.341

120 Sn	0.003129	153.858	493.525	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	97.620	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	95.214	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	96.763	
Sb	123		
Ba	135		
> Ho-1	165	98.016	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	97.620	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	95.214	
Se	77		
Mo	98		
Ag	109		
> In-2	115	96.763	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	98.016	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	97.620	
Ti	47		
Sr	86		
Sr	88		
> In	115	96.763	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA9
Sample Date/Time: Thursday, May 24, 2007 15:37:34
Autosampler Position: 38
Dataset File: D:\Elandata\Dataset\052407m1\JWPA9.071

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.020614	1.560	6.000	ug/L	3.000
	10	B	106.932704	2.261	3708.852	ug/L	90.668
	23	Na	25329.570955	1.709	116155083.299	ug/L	24909.622
	24	Mg	3936.229861	2.548	12273585.990	ug/L	6273.773
	27	Al	-0.771960	8.972	11397.326	ug/L	15227.265
	39	K	549.701628	1.176	4363494.688	ug/L	707925.205
	44	Ca	8061.709327	0.828	1865952.867	ug/L	48369.900
>	45	Sc-1			456218.018	ug/L	467697.114
	51	V	0.369318	121.686	-13809.166	ug/L	-17188.401
	52	Cr	1.522503	13.912	52658.431	ug/L	43700.177
	55	Mn	40.892665	0.473	414554.900	ug/L	3939.583
	57	Fe	-3.547870	33.949	5761.530	ug/L	6563.304
	59	Co	0.040391	3.748	355.341	ug/L	70.668
	60	Ni	0.221051	7.762	541.349	ug/L	205.004
	65	Cu	0.237968	10.361	635.021	ug/L	201.670
	66	Zn	0.935503	2.323	4484.415	ug/L	3569.482
>	72	Ge-1			576206.843	ug/L	592936.498
	75	As	1.202165	23.665	1134.117	ug/L	-502.888
	82	Se	0.256844	120.623	-30.725	ug/L	-70.642
	97	Mo	1.336557	1.053	2436.232	ug/L	69.001
	107	Ag	0.000384	93.322	109.335	ug/L	109.002
	111	Cd	0.010242	44.950	52.334	ug/L	35.667
>	115	In-1			970217.555	ug/L	994304.053
	123	Sb	0.019172	19.601	315.137	ug/L	235.401
	135	Ba	0.392860	6.826	817.032	ug/L	183.670
>	165	Ho-1			1258720.971	ug/L	1276105.159
	205	Tl	0.018750	57.043	2249.534	ug/L	1936.818
	208	Pb	-0.021433	14.291	2930.150	ug/L	3500.871
	238	U	0.982309	0.629	15441.496	ug/L	35.667
>	45	Sc-2			456218.018	ug/L	467697.114
	53	Cr	-36.132795	24.359	287992.432	ug/L	319041.768
	54	Fe	19.289368	42.899	50935.852	ug/L	42890.999
	61	Ni	1.716182	43.718	1162.392	ug/L	1069.051
	63	Cu	0.243055	1.737	1193.728	ug/L	321.674
	67	Zn	-1.352980	67.810	20732.574	ug/L	21519.078
>	72	Ge			576206.843	ug/L	592936.498
	77	Se	-37.212714	8.374	9063.604	ug/L	13366.987
	98	Mo	1.362152	0.874	6301.998	ug/L	95.062
	109	Ag	-0.000995	156.677	109.335	ug/L	120.002
>	115	In-2			970217.555	ug/L	994304.053
	114	Cd	0.006696	36.504	77.966	ug/L	53.748
	121	Sb	0.004405	96.967	346.674	ug/L	329.340
	137	Ba	0.410690	3.503	1399.416	ug/L	281.339
>	165	Ho-2			1258720.971	ug/L	1276105.159
	182	W	0.035271	26.725	653.022	ug/L	457.679
	183	W	0.027435	13.987	336.007	ug/L	253.338
	194	Pt	-0.001841	28.637	67.334	ug/L	76.668
	195	Pt	-0.000291	591.563	46.001	ug/L	48.001
	203	Tl	0.022332	47.936	939.040	ug/L	780.029
	206	Pb	-0.021686	32.505	739.027	ug/L	888.037
	207	Pb	-0.025679	28.445	599.352	ug/L	745.027
>	45	Sc			456218.018	ug/L	467697.114
	47	Ti	0.123451	47.009	709.025	ug/L	647.355
	86	Sr	198.651234	0.966	425038.554	ug/L	151.307
	88	Sr	199.962486	0.118	3672961.420	ug/L	1301.072
>	115	In			970217.555	ug/L	994304.053
	118	Sn	0.002599	88.395	361.675	ug/L	357.341

120 Sn	-0.000767	381.633	471.533	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	97.546	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	97.179	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	97.578	
Sb	123		
Ba	135		
> Ho-1	165	98.638	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	97.546	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	97.179	
Se	77		
Mo	98		
Ag	109		
> In-2	115	97.578	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	98.638	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	97.546	
Ti	47		
Sr	86		
Sr	88		
> In	115	97.578	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPCA
Sample Date/Time: Thursday, May 24, 2007 15:43:44
Autosampler Position: 39
Dataset File: D:\Elandata\Dataset\052407m1\JWPCA.072

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.011117	150.072	4.667	ug/L	3.000
	10	B	107.161952	3.121	3780.538	ug/L	90.668
	23	Na	24536.289830	1.743	114462074.382	ug/L	24909.622
	24	Mg	3786.572206	1.041	12009023.213	ug/L	6273.773
	27	Al	-0.481699	11.457	12913.630	ug/L	15227.265
	39	K	539.892068	1.077	4371477.991	ug/L	707925.205
	44	Ca	8162.470083	1.388	1920954.051	ug/L	48369.900
>	45	Sc-1			464072.623	ug/L	467697.114
	51	V	1.078344	56.134	-8372.195	ug/L	-17188.401
	52	Cr	11.694870	5.382	121727.085	ug/L	43700.177
	55	Mn	63.212690	1.814	649595.465	ug/L	3939.583
	57	Fe	174.767514	1.740	38669.998	ug/L	6563.304
	59	Co	0.054757	5.744	465.012	ug/L	70.668
	60	Ni	0.232529	4.789	568.350	ug/L	205.004
	65	Cu	0.205625	5.944	585.685	ug/L	201.670
	66	Zn	0.808101	10.442	4421.728	ug/L	3569.482
>	72	Ge-1			571940.159	ug/L	592936.498
	75	As	2.062634	21.796	2280.723	ug/L	-502.888
	82	Se	0.175315	303.609	-43.212	ug/L	-70.642
	97	Mo	1.299762	3.346	2369.887	ug/L	69.001
	107	Ag	0.000132	1507.965	107.335	ug/L	109.002
	111	Cd	0.008693	33.409	49.667	ug/L	35.667
>	115	In-1			969681.317	ug/L	994304.053
	123	Sb	0.018139	20.593	310.355	ug/L	235.401
	135	Ba	0.427026	9.158	869.035	ug/L	183.670
>	165	Ho-1			1254172.608	ug/L	1276105.159
	205	Tl	0.009755	176.383	2079.841	ug/L	1936.818
	208	Pb	-0.017045	15.346	3026.154	ug/L	3500.871
	238	U	0.950993	0.517	14895.911	ug/L	35.667
>	45	Sc-2			464072.623	ug/L	467697.114
	53	Cr	-21.705193	25.864	302357.867	ug/L	319041.768
	54	Fe	194.250014	5.751	135775.500	ug/L	42890.999
	61	Ni	1.305763	85.688	1153.725	ug/L	1069.051
	63	Cu	0.217260	5.150	1119.055	ug/L	321.674
	67	Zn	-3.613364	47.291	20649.120	ug/L	21519.078
>	72	Ge			571940.159	ug/L	592936.498
	77	Se	-24.460056	3.606	10332.978	ug/L	13366.987
	98	Mo	1.278337	1.464	5916.719	ug/L	95.062
	109	Ag	-0.000218	785.037	115.335	ug/L	120.002
>	115	In-2			969681.317	ug/L	994304.053
	114	Cd	0.012477	7.632	100.002	ug/L	53.748
	121	Sb	-0.001706	146.708	311.340	ug/L	329.340
	137	Ba	0.432070	4.412	1452.755	ug/L	281.339
>	165	Ho-2			1254172.608	ug/L	1276105.159
	182	W	0.018386	21.515	554.350	ug/L	457.679
	183	W	0.018637	52.549	307.340	ug/L	253.338
	194	Pt	-0.002169	101.589	65.667	ug/L	76.668
	195	Pt	0.000689	88.041	50.334	ug/L	48.001
	203	Tl	0.013863	87.694	871.702	ug/L	760.029
	206	Pb	-0.014404	10.305	782.029	ug/L	888.037
	207	Pb	-0.012507	47.358	666.356	ug/L	745.027
>	45	Sc			464072.623	ug/L	467697.114
	47	Ti	0.130666	38.824	725.692	ug/L	647.355
	86	Sr	197.387790	1.861	429551.200	ug/L	151.307
	88	Sr	200.107919	1.679	3738583.696	ug/L	1301.072
>	115	In			969681.317	ug/L	994304.053
	118	Sn	0.002383	285.567	360.342	ug/L	357.341

120 Sn	-0.002920	82.043	456.924	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	99.225	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	96.459	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	97.524	
Sb	123		
Ba	135		
Ho-1	165	98.281	
Tl	205		
Pb	208		
U	238		
Sc-2	45	99.225	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	96.459	
Se	77		
Mo	98		
Ag	109		
In-2	115	97.524	
Cd	114		
Sb	121		
Ba	137		
Ho-2	165	98.281	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	99.225	
Tl	47		
Sr	86		
Sr	88		
In	115	97.524	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPCD
Sample Date/Time: Thursday, May 24, 2007 15:49:51
Autosampler Position: 40
Dataset File: D:\Elandata\Dataset\052407m1\JWPCD.073

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.011144	90.611	4.667	ug/L	3.000
	10	B	76.556394	1.500	2725.954	ug/L	90.668
	23	Na	20622.261484	2.519	96191710.553	ug/L	24909.622
	24	Mg	1583.683063	1.945	5026451.977	ug/L	6273.773
	27	Al	7.843490	2.016	50810.053	ug/L	15227.265
	39	K	344.380861	1.809	3042790.159	ug/L	707925.205
	44	Ca	2505.001854	0.416	622836.838	ug/L	48369.900
>	45	Sc-1			464036.105	ug/L	467697.114
	51	V	0.786575	52.982	-10672.444	ug/L	-17188.401
	52	Cr	51.033301	1.224	385514.128	ug/L	43700.177
	55	Mn	0.466270	3.295	8672.052	ug/L	3939.583
	57	Fe	-2.016572	41.358	6140.390	ug/L	6563.304
	59	Co	0.014827	22.144	177.003	ug/L	70.668
	60	Ni	0.112695	1.372	380.342	ug/L	205.004
	65	Cu	0.082329	2.803	354.341	ug/L	201.670
	66	Zn	9.821463	1.479	14247.912	ug/L	3569.482
>	72	Ge-1			579861.471	ug/L	592936.498
	75	As	2.016519	12.925	2255.636	ug/L	-502.888
	82	Se	0.132833	246.687	-49.808	ug/L	-70.642
	97	Mo	0.598992	1.654	1126.056	ug/L	69.001
	107	Ag	-0.000015	11699.700	106.001	ug/L	109.002
	111	Cd	0.005221	70.128	43.667	ug/L	35.667
>	115	In-1			967568.834	ug/L	994304.053
	123	Sb	0.013801	25.333	290.402	ug/L	235.401
	135	Ba	0.515069	2.489	1021.713	ug/L	183.670
>	165	Ho-1			1267087.233	ug/L	1276105.159
	205	Tl	0.006912	131.339	2049.168	ug/L	1936.818
	208	Pb	-0.009538	10.405	3241.844	ug/L	3500.871
	238	U	0.236076	0.893	3762.533	ug/L	35.667
>	45	Sc-2			464036.105	ug/L	467697.114
	53	Cr	35.293869	10.821	339598.824	ug/L	319041.768
	54	Fe	8.115871	63.240	46445.283	ug/L	42890.999
	61	Ni	0.919051	54.743	1126.056	ug/L	1069.051
	63	Cu	0.178886	7.696	978.043	ug/L	321.674
	67	Zn	5.028230	31.819	22323.319	ug/L	21519.078
>	72	Ge			579861.471	ug/L	592936.498
	77	Se	-19.086163	13.005	11047.532	ug/L	13366.987
	98	Mo	0.605328	1.730	2844.668	ug/L	95.062
	109	Ag	0.000450	477.419	120.335	ug/L	120.002
>	115	In-2			967568.834	ug/L	994304.053
	114	Cd	0.009654	40.423	89.044	ug/L	53.748
	121	Sb	0.004315	15.606	345.341	ug/L	329.340
	137	Ba	0.534649	3.615	1750.125	ug/L	281.339
>	165	Ho-2			1267087.233	ug/L	1276105.159
	182	W	0.012234	8.836	524.682	ug/L	457.679
	183	W	0.004480	173.605	265.672	ug/L	253.338
	194	Pt	-0.001576	98.276	69.001	ug/L	76.668
	195	Pt	-0.000072	3874.187	47.334	ug/L	48.001
	203	Tl	0.011403	108.583	861.701	ug/L	780.029
	206	Pb	-0.008546	19.271	827.366	ug/L	888.037
	207	Pb	-0.008798	53.667	693.024	ug/L	745.027
>	45	Sc			464036.105	ug/L	467697.114
	47	Ti	0.300884	24.614	834.699	ug/L	647.355
	86	Sr	67.203659	2.375	146353.180	ug/L	151.307
	88	Sr	66.349467	1.259	1240476.490	ug/L	1301.072
>	115	In			967568.834	ug/L	994304.053
	118	Sn	-0.000251	1724.720	346.341	ug/L	357.341

120	Sn	-0.004541	44.645	444.964	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		
	B	10		
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.217	
	V	51		
	Cr	52		
	Mn	55		
	Fe	57		
	Co	59		
	Ni	60		
	Cu	65		
	Zn	66		
>	Ge-1	72	97.795	
	As	75		
	Se	82		
	Mo	97		
	Ag	107		
	Cd	111		
>	In-1	115	97.311	
	Sb	123		
	Ba	135		
>	Ho-1	165	99.293	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.217	
	Cr	53		
	Fe	54		
	Ni	61		
	Cu	63		
	Zn	67		
>	Ge	72	97.795	
	Se	77		
	Mo	98		
	Ag	109		
>	In-2	115	97.311	
	Cd	114		
	Sb	121		
	Ba	137		
>	Ho-2	165	99.293	
	W	182		
	W	183		
	Pt	194		
	Pt	195		
	Tl	203		
	Pb	206		
	Pb	207		
>	Sc	45	99.217	
	Ti	47		
	Sr	86		
	Sr	88		
>	In	115	97.311	
	Sn	118		
	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPCF
Sample Date/Time: Thursday, May 24, 2007 15:55:53
Autosampler Position: 41
Dataset File: D:\Elandata\Dataset\052407m1\JWPCF.074

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
⌈	9	Be	0.000055	11663.194	3.000	ug/L	3.000
|	10	B	73.035406	2.951	2613.265	ug/L	90.668
|	23	Na	20313.184339	1.635	95069776.860	ug/L	24909.622
|	24	Mg	1539.896128	2.300	4903774.170	ug/L	6273.773
|	27	Al	-0.766977	1.749	11657.538	ug/L	15227.265
|	39	K	340.509231	3.716	3026447.967	ug/L	707925.205
|	44	Ca	2457.316109	0.950	613990.588	ug/L	48369.900
|>	45	Sc-1			465662.998	ug/L	467697.114
|	51	V	0.540073	53.596	-12733.502	ug/L	-17188.401
|	52	Cr	50.198942	1.339	381196.037	ug/L	43700.177
|	55	Mn	-0.045232	16.466	3458.120	ug/L	3939.583
|	57	Fe	-6.718489	20.765	5292.213	ug/L	6563.304
|	59	Co	0.008914	17.944	135.002	ug/L	70.668
|	60	Ni	0.089221	3.713	344.674	ug/L	205.004
|	65	Cu	0.077875	19.692	347.008	ug/L	201.670
⌊	66	Zn	0.885307	10.526	4521.427	ug/L	3569.482
⌈>	72	Ge-1			584697.468	ug/L	592936.498
|	75	As	3.021807	9.561	3655.790	ug/L	-502.888
⌊	82	Se	0.094527	322.687	-55.580	ug/L	-70.642
⌈	97	Mo	0.589983	0.597	1108.054	ug/L	69.001
|	107	Ag	0.000752	18.474	111.668	ug/L	109.002
|	111	Cd	0.006850	9.412	46.334	ug/L	35.667
|>	115	In-1			965886.027	ug/L	994304.053
⌊	123	Sb	0.016065	42.487	299.863	ug/L	235.401
⌈	135	Ba	0.427270	3.526	867.035	ug/L	183.670
|>	165	Ho-1			1250423.660	ug/L	1276105.159
|	205	Tl	0.008025	200.714	2038.501	ug/L	1936.818
|	208	Pb	-0.024714	20.258	2829.804	ug/L	3500.871
⌊	238	U	0.227403	4.389	3576.817	ug/L	35.667
⌈>	45	Sc-2			465662.998	ug/L	467697.114
|	53	Cr	38.508953	26.117	342839.539	ug/L	319041.768
|	54	Fe	3.224200	197.417	44241.763	ug/L	42890.999
|	61	Ni	0.182831	380.554	1077.051	ug/L	1069.051
|	63	Cu	0.156438	2.246	898.371	ug/L	321.674
⌊	67	Zn	-0.510613	403.395	21322.447	ug/L	21519.078
⌈>	72	Ge			584697.468	ug/L	592936.498
⌊	77	Se	-17.331924	7.266	11325.721	ug/L	13366.987
⌈	98	Mo	0.604099	0.661	2833.927	ug/L	95.062
|	109	Ag	-0.001851	45.660	102.335	ug/L	120.002
|>	115	In-2			965886.027	ug/L	994304.053
|	114	Cd	0.006496	44.211	76.878	ug/L	53.748
⌊	121	Sb	0.005896	87.797	353.675	ug/L	329.340
⌈	137	Ba	0.448458	1.574	1492.760	ug/L	281.339
|>	165	Ho-2			1250423.660	ug/L	1276105.159
|	182	W	0.009622	89.190	502.681	ug/L	457.679
|	183	W	0.000437	536.535	249.671	ug/L	253.338
|	194	Pt	-0.000684	472.738	72.001	ug/L	76.668
|	195	Pt	-0.000142	735.978	46.334	ug/L	48.001
|	203	Tl	0.014210	87.007	870.369	ug/L	780.029
|	206	Pb	-0.026140	6.849	706.025	ug/L	888.037
⌊	207	Pb	-0.017680	47.285	636.687	ug/L	745.027
⌈>	45	Sc			465662.998	ug/L	467697.114
|	47	Ti	0.064097	126.938	685.690	ug/L	647.355
|	86	Sr	65.467064	1.059	143071.963	ug/L	151.307
⌊	88	Sr	65.011422	2.406	1219478.288	ug/L	1301.072
⌈>	115	In			965886.027	ug/L	994304.053
|	118	Sn	-0.003921	19.058	327.674	ug/L	357.341

120	Sn	-0.004742	46.986	442.977	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	99.565	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	98.610	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	97.142	
Sb	123		
Ba	135		
Ho-1	165	97.988	
Tl	205		
Pb	208		
U	238		
Sc-2	45	99.565	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	98.610	
Se	77		
Mo	98		
Ag	109		
In-2	115	97.142	
Cd	114		
Sb	121		
Ba	137		
Ho-2	165	97.988	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	99.565	
Ti	47		
Sr	86		
Sr	88		
In	115	97.142	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPCG

Sample Date/Time: Thursday, May 24, 2007 16:01:57

Autosampler Position: 42

Dataset File: D:\Elandata\Dataset\052407m1\JWPCG.075

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	-0.000066	26478.009	3.000	ug/L	3.000
	10	B	71.375151	3.410	2588.927	ug/L	90.668
	23	Na	19563.280106	1.992	92741191.640	ug/L	24909.622
	24	Mg	1491.100940	1.890	4810354.058	ug/L	6273.773
	27	Al	1.653776	1.694	23006.743	ug/L	15227.265
	39	K	337.107506	2.810	3042013.946	ug/L	707925.205
	44	Ca	2390.335441	1.465	606253.805	ug/L	48369.900
>	45	Sc-1			471636.330	ug/L	467697.114
	51	V	0.617736	63.945	-12238.008	ug/L	-17188.401
	52	Cr	47.581581	2.130	368258.487	ug/L	43700.177
	55	Mn	0.049641	17.036	4488.083	ug/L	3939.583
	57	Fe	-4.854248	9.647	5710.489	ug/L	6563.304
	59	Co	0.009726	25.067	142.669	ug/L	70.668
	60	Ni	0.088294	8.247	347.674	ug/L	205.004
	65	Cu	0.062126	1.029	321.674	ug/L	201.670
	66	Zn	0.849064	9.232	4540.100	ug/L	3569.482
>	72	Ge-1			578684.560	ug/L	592936.498
	75	As	1.930160	25.923	2129.517	ug/L	-502.888
	82	Se	0.260334	279.742	-30.854	ug/L	-70.642
	97	Mo	0.588704	3.327	1114.055	ug/L	69.001
	107	Ag	0.001466	46.544	118.002	ug/L	109.002
	111	Cd	0.002581	73.398	39.334	ug/L	35.667
>	115	In-1			973001.638	ug/L	994304.053
	123	Sb	0.006005	92.596	257.153	ug/L	235.401
	135	Ba	0.469346	5.327	941.707	ug/L	183.670
>	165	Ho-1			1259574.622	ug/L	1276105.159
	205	Tl	-0.001893	620.782	1876.810	ug/L	1936.818
	208	Pb	-0.023236	6.298	2887.808	ug/L	3500.871
	238	U	0.225000	1.708	3566.481	ug/L	35.667
>	45	Sc-2			471636.330	ug/L	467697.114
	53	Cr	37.422521	9.363	346566.866	ug/L	319041.768
	54	Fe	2.502364	177.041	44473.703	ug/L	42890.999
	61	Ni	0.486568	61.994	1113.054	ug/L	1069.051
	63	Cu	0.140716	1.937	851.034	ug/L	321.674
	67	Zn	-1.624221	28.521	21380.201	ug/L	21519.078
>	72	Ge			578684.560	ug/L	592936.498
	77	Se	-14.963893	11.118	11460.691	ug/L	13366.987
	98	Mo	0.573190	2.655	2713.494	ug/L	95.062
	109	Ag	-0.001728	42.235	104.001	ug/L	120.002
>	115	In-2			973001.638	ug/L	994304.053
	114	Cd	0.008992	9.654	87.000	ug/L	53.748
	121	Sb	0.001510	104.567	331.007	ug/L	329.340
	137	Ba	0.456063	4.144	1524.763	ug/L	281.339
>	165	Ho-2			1259574.622	ug/L	1276105.159
	182	W	0.001059	710.971	457.679	ug/L	457.679
	183	W	0.000100	4425.419	250.338	ug/L	253.338
	194	Pt	-0.003564	49.188	59.667	ug/L	76.668
	195	Pt	0.000419	503.125	49.334	ug/L	48.001
	203	Tl	-0.000036	25557.485	769.362	ug/L	780.029
	206	Pb	-0.020755	35.126	745.027	ug/L	888.037
	207	Pb	-0.017632	12.766	642.021	ug/L	745.027
>	45	Sc			471636.330	ug/L	467697.114
	47	Ti	0.148949	17.885	749.694	ug/L	647.355
	86	Sr	64.063042	0.326	141811.279	ug/L	151.307
	88	Sr	63.290314	0.536	1202688.995	ug/L	1301.072
>	115	In			973001.638	ug/L	994304.053
	118	Sn	-0.007809	43.237	310.673	ug/L	357.341

120 Sn	-0.006995	15.763	430.972	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	100.842	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	68		
> Ge-1	72	97.596	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	97.858	
Sb	123		
Ba	135		
> Ho-1	165	98.705	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	100.842	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	97.596	
Se	77		
Mo	98		
Ag	109		
> In-2	115	97.858	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	98.705	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	100.842	
Ti	47		
Sr	86		
Sr	88		
> In	115	97.858	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPCK
Sample Date/Time: Thursday, May 24, 2007 16:08:01
Autosampler Position: 43
Dataset File: D:\Elandata\Dataset\052407m1\JWPCK.076

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.009341	181.774	4.333	ug/L	3.000
	10	B	135.811987	2.344	4713.825	ug/L	90.668
	23	Na	32960.124375	0.933	152038092.492	ug/L	24909.622
	24	Mg	5391.047684	2.116	16909304.272	ug/L	6273.773
	27	Al	-0.290873	21.313	13631.638	ug/L	15227.265
	39	K	468.091699	0.974	3840911.778	ug/L	707925.205
	44	Ca	12012.164694	1.470	2773687.563	ug/L	48369.900
>	45	Sc-1			458935.649	ug/L	467697.114
	51	V	-3.221523	33.083	-42680.560	ug/L	-17188.401
	52	Cr	240.867893	0.447	1639963.166	ug/L	43700.177
	55	Mn	1.978072	0.636	23850.799	ug/L	3939.583
	57	Fe	-25.331435	7.219	1831.332	ug/L	6563.304
	59	Co	0.027839	4.478	268.005	ug/L	70.668
	60	Ni	0.322566	6.057	702.024	ug/L	205.004
	65	Cu	0.128685	3.475	436.344	ug/L	201.670
	66	Zn	1.021309	2.605	4603.788	ug/L	3569.482
>	72	Ge-1			575985.395	ug/L	592936.498
	75	As	1.831375	14.545	1987.134	ug/L	-502.888
	82	Se	0.111839	147.475	-52.207	ug/L	-70.642
	97	Mo	0.236369	3.679	479.346	ug/L	69.001
	107	Ag	0.000813	179.993	111.002	ug/L	109.002
	111	Cd	0.005355	58.781	43.334	ug/L	35.667
>	115	In-1			956572.118	ug/L	994304.053
	123	Sb	0.017573	15.479	303.591	ug/L	235.401
	135	Ba	0.691452	1.946	1279.737	ug/L	183.670
>	165	Ho-1			1238756.950	ug/L	1276105.159
	205	Tl	-0.002378	646.465	1836.471	ug/L	1936.818
	208	Pb	-0.025068	15.604	2795.467	ug/L	3500.871
	238	U	0.551476	2.270	8545.641	ug/L	35.667
>	45	Sc-2			458935.649	ug/L	467697.114
	53	Cr	264.489560	4.577	483936.197	ug/L	319041.768
	54	Fe	11.294630	47.145	47440.908	ug/L	42890.999
	61	Ni	2.574445	29.384	1230.065	ug/L	1069.051
	63	Cu	0.262420	1.522	1271.403	ug/L	321.674
	67	Zn	-0.909068	206.204	20940.213	ug/L	21519.078
>	72	Ge			575985.395	ug/L	592936.498
	77	Se	-28.790092	20.022	9952.626	ug/L	13366.987
	98	Mo	0.227881	4.066	1115.372	ug/L	95.062
	109	Ag	-0.001979	4.971	100.335	ug/L	120.002
>	115	In-2			956572.118	ug/L	994304.053
	114	Cd	0.004371	55.579	68.128	ug/L	53.748
	121	Sb	0.005064	2.731	345.674	ug/L	329.340
	137	Ba	0.708702	2.402	2178.521	ug/L	281.339
>	165	Ho-2			1238756.950	ug/L	1276105.159
	182	W	0.004012	80.109	466.679	ug/L	457.679
	183	W	0.000150	1590.928	246.338	ug/L	253.338
	194	Pt	-0.000096	1631.901	74.001	ug/L	76.668
	195	Pt	0.007434	7.781	80.334	ug/L	48.001
	203	Tl	0.001265	1144.717	766.028	ug/L	780.029
	206	Pb	-0.023536	16.912	715.358	ug/L	888.037
	207	Pb	-0.020434	24.544	616.686	ug/L	745.027
>	45	Sc			458935.649	ug/L	467697.114
	47	Ti	0.131838	47.587	718.692	ug/L	647.355
	86	Sr	283.822261	0.885	610832.115	ug/L	151.307
	88	Sr	289.472723	1.357	5347900.379	ug/L	1301.072
>	115	In			956572.118	ug/L	994304.053
	118	Sn	-0.005195	58.808	318.340	ug/L	357.341

120 Sn	-0.007680	86.820	418.842	ug/L	486.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	98.127	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	97.141	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	96.205	
Sb	123		
Ba	135		
> Ho-1	165	97.073	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	98.127	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	97.141	
Se	77		
Mo	98		
Ag	109		
> In-2	115	96.205	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	97.073	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	98.127	
Ti	47		
Sr	86		
Sr	88		
> In	115	96.205	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 6
Sample Date/Time: Thursday, May 24, 2007 16:14:08
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 6.077

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
⌈	9	Be	192.954787	0.450	29057.480	ug/L	3.000
|	10	B	189.643373	2.733	6572.578	ug/L	90.668
|	23	Na	1982.774141	1.882	9203684.226	ug/L	24909.622
|	24	Mg	1018.598506	2.647	3211848.256	ug/L	6273.773
|	27	Al	1994.930912	2.262	9030019.039	ug/L	15227.265
|	39	K	1968.272899	0.841	13976684.924	ug/L	707925.205
|	44	Ca	1081.520685	0.553	294034.056	ug/L	48369.900
|>	45	Sc-1			460682.029	ug/L	467697.114
|	51	V	188.677927	1.128	1500102.793	ug/L	-17188.401
|	52	Cr	193.963581	0.653	1334022.768	ug/L	43700.177
|	55	Mn	188.562469	1.168	1916255.739	ug/L	3939.583
|	57	Fe	2113.627163	1.235	392560.248	ug/L	6563.304
|	59	Co	191.617494	0.994	1372354.117	ug/L	70.668
|	60	Ni	186.949400	0.852	291616.297	ug/L	205.004
|	65	Cu	188.793698	1.429	351385.055	ug/L	201.670
⌊	66	Zn	189.801869	1.464	208916.441	ug/L	3569.482
⌈>	72	Ge-1			566387.472	ug/L	592936.498
|	75	As	198.091104	1.891	262955.016	ug/L	-502.888
⌊	82	Se	193.662985	2.023	27707.166	ug/L	-70.642
⌈	97	Mo	195.210219	2.340	342991.207	ug/L	69.001
|	107	Ag	49.434395	3.413	377851.575	ug/L	109.002
|	111	Cd	194.619107	2.348	330347.661	ug/L	35.667
|>	115	In-1			961730.558	ug/L	994304.053
⌊	123	Sb	194.243603	1.101	858188.259	ug/L	235.401
⌈	135	Ba	189.113381	2.132	305762.798	ug/L	183.670
|>	165	Ho-1			1256627.708	ug/L	1276105.159
|	205	Tl	186.832104	2.670	3363550.375	ug/L	1936.818
|	208	Pb	192.170601	2.507	4686079.253	ug/L	3500.871
⌊	238	U	198.712559	4.019	3110612.485	ug/L	35.667
⌈>	45	Sc-2			460682.029	ug/L	467697.114
|	53	Cr	169.943402	4.862	424482.219	ug/L	319041.768
|	54	Fe	2102.894405	1.914	1044519.992	ug/L	42890.999
|	61	Ni	186.665432	1.109	14213.543	ug/L	1069.051
|	63	Cu	188.558217	0.609	689709.594	ug/L	321.674
⌊	67	Zn	181.398570	1.340	56068.379	ug/L	21519.078
⌈>	72	Ge			566387.472	ug/L	592936.498
⌊	77	Se	188.970746	2.204	32355.558	ug/L	13366.987
⌈	98	Mo	196.126537	1.695	886174.779	ug/L	95.062
|	109	Ag	48.588907	2.577	372948.209	ug/L	120.002
|>	115	In-2			961730.558	ug/L	994304.053
|	114	Cd	198.676542	2.548	751479.840	ug/L	53.748
⌊	121	Sb	195.528852	1.700	1119293.905	ug/L	329.340
⌈	137	Ba	191.346713	1.708	522174.377	ug/L	281.339
|>	165	Ho-2			1256627.708	ug/L	1276105.159
|	182	W	189.392752	2.518	1078999.165	ug/L	457.679
|	183	W	190.822457	2.459	597711.744	ug/L	253.338
|	194	Pt	192.338633	2.482	863764.432	ug/L	76.668
|	195	Pt	191.072027	1.941	879745.274	ug/L	48.001
|	203	Tl	185.781313	3.838	1406403.049	ug/L	780.029
|	206	Pb	195.751801	1.735	1236762.981	ug/L	888.037
⌊	207	Pb	190.770723	1.974	1007788.096	ug/L	745.027
⌈>	45	Sc			460682.029	ug/L	467697.114
|	47	Ti	198.344660	1.761	126662.121	ug/L	647.355
|	86	Sr	192.691210	0.657	416344.984	ug/L	151.307
⌊	88	Sr	193.255372	1.407	3584658.345	ug/L	1301.072
⌈>	115	In			961730.558	ug/L	994304.053
|	118	Sn	194.764007	1.931	962947.610	ug/L	357.341

120	Sn	194.799730	1.699	1298805.298	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		96.477
B	10		94.822
Na	23		99.139
Mg	24		101.860
Al	27		99.747
K	39		98.414
Ca	44		108.152
> Sc-1	45	98.500	
V	51		94.339
Cr	52		96.982
Mn	55		94.281
Fe	57		105.681
Co	59		95.809
Ni	60		93.475
Cu	65		94.397
Zn	66		94.901
> Ge-1	72	95.522	
As	75		99.046
Se	82		96.831
Mo	97		97.605
Ag	107		98.869
Cd	111		97.310
> In-1	115	96.724	
Sb	123		97.122
Ba	135		94.557
> Ho-1	165	98.474	
Tl	205		93.416
Pb	208		96.085
U	238		99.356
> Sc-2	45	98.500	
Cr	53		84.972
Fe	54		105.145
Ni	61		93.333
Cu	63		94.279
Zn	67		90.699
> Ge	72	95.522	
Se	77		94.485
Mo	98		98.063
Ag	109		97.178
> In-2	115	96.724	
Cd	114		99.338
Sb	121		97.764
Ba	137		95.673
> Ho-2	165	98.474	
W	182		94.696
W	183		95.411
Pt	194		96.169
Pt	195		95.536
Tl	203		92.891
Pb	206		97.876
Pb	207		95.385
> Sc	45	98.500	
Tl	47		99.172
Sr	86		96.346
Sr	88		96.628
> In	115	96.724	
Sn	118		97.382
Sn	120		97.400

QC Out Of Limits

Analyte	Mass	Out of Limits Message
Cr	53	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 7
Sample Date/Time: Thursday, May 24, 2007 16:20:45
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 7.078

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.019735	87.399	6.000	ug/L	3.000
	10	B	3.421180	33.860	208.670	ug/L	90.668
	23	Na	0.264717	7.623	26055.000	ug/L	24909.622
	24	Mg	-0.026796	32.063	6158.389	ug/L	6273.773
	27	Al	-0.511786	7.784	12831.223	ug/L	15227.265
	39	K	-2.667406	49.289	687054.665	ug/L	707925.205
	44	Ca	-16.725189	1.852	44333.127	ug/L	48369.900
>	45	Sc-1			465928.248	ug/L	467697.114
	51	V	0.849149	80.242	-10230.146	ug/L	-17188.401
	52	Cr	-1.194336	5.230	35494.733	ug/L	43700.177
	55	Mn	-0.110374	6.191	2792.301	ug/L	3939.583
	57	Fe	-2.681182	24.999	6043.141	ug/L	8563.304
	59	Co	0.005563	19.852	110.668	ug/L	70.668
	60	Ni	0.008252	232.118	217.337	ug/L	205.004
	65	Cu	-0.005947	130.353	189.670	ug/L	201.670
	66	Zn	-0.436391	10.020	3078.362	ug/L	3569.482
>	72	Ge-1			585859.156	ug/L	592936.498
	75	As	0.189007	148.082	-236.244	ug/L	-502.888
	82	Se	0.114920	261.357	-52.761	ug/L	-70.642
	97	Mo	0.084870	35.248	223.337	ug/L	69.001
	107	Ag	0.007496	37.464	168.336	ug/L	109.002
	111	Cd	0.009470	89.044	52.334	ug/L	35.667
>	115	In-1			994541.169	ug/L	994304.053
	123	Sb	0.035395	24.975	397.254	ug/L	235.401
	135	Ba	-0.004848	57.340	176.670	ug/L	183.670
>	165	Ho-1			1282966.416	ug/L	1276105.159
	205	Tl	0.291220	39.673	7318.732	ug/L	1936.818
	208	Pb	-0.008597	58.033	3306.851	ug/L	3500.871
	238	U	0.009685	25.168	191.003	ug/L	35.667
>	45	Sc-2			465928.248	ug/L	467697.114
	53	Cr	-67.432185	4.567	273596.557	ug/L	319041.768
	54	Fe	-3.792697	117.840	40895.319	ug/L	42890.999
	61	Ni	-0.232475	305.639	1048.382	ug/L	1069.051
	63	Cu	-0.000841	375.468	317.340	ug/L	321.674
	67	Zn	-4.428691	26.201	20576.348	ug/L	21519.078
>	72	Ge			585859.156	ug/L	592936.498
	77	Se	-41.343097	2.710	8774.702	ug/L	13366.987
	98	Mo	0.090502	36.129	518.375	ug/L	95.062
	109	Ag	0.021362	21.459	289.673	ug/L	120.002
>	115	In-2			994541.169	ug/L	994304.053
	114	Cd	0.016867	27.056	119.781	ug/L	53.748
	121	Sb	0.030455	22.216	509.681	ug/L	329.340
	137	Ba	-0.002318	430.453	276.672	ug/L	281.339
>	165	Ho-2			1282966.416	ug/L	1276105.159
	182	W	0.233884	24.603	1823.138	ug/L	457.679
	183	W	0.233268	27.369	1002.380	ug/L	253.338
	194	Pt	0.008100	34.989	114.335	ug/L	76.668
	195	Pt	0.010199	27.159	96.335	ug/L	48.001
	203	Tl	0.301752	41.299	3125.064	ug/L	780.029
	206	Pb	-0.005578	50.191	857.034	ug/L	868.037
	207	Pb	-0.011667	39.805	686.357	ug/L	745.027
>	45	Sc			465928.248	ug/L	467697.114
	47	Ti	-0.077545	35.945	595.018	ug/L	647.355
	86	Sr	0.022696	89.264	200.167	ug/L	151.307
	88	Sr	0.002951	42.510	1351.411	ug/L	1301.072
>	115	In			994541.169	ug/L	994304.053
	118	Sn	0.031319	29.136	517.681	ug/L	357.341

120 Sn	0.035829	18.005	735.735	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		1.974
B	10		342.118
Na	23		0.265
Mg	24		-0.029
Al	27		-0.512
K	39		-2.667
Ca	44		-16.725
> Sc-1	45	99.622	
V	51		84.915
Cr	52		-119.434
Mn	55		-11.037
Fe	57		-2.881
Co	59		0.556
Ni	60		0.825
Cu	65		-0.595
Zn	66		-43.639
> Ge-1	72	98.806	
As	75		18.901
Se	82		11.492
Mo	97		8.487
Ag	107		0.750
Cd	111		0.947
> In-1	115	100.024	
Sb	123		3.540
Ba	135		-0.485
> Ho-1	165	100.538	
Tl	205		29.122
Pb	208		-0.860
U	238		0.969
> Sc-2	45	99.622	
Cr	53		-6743.219
Fe	54		-3.793
Ni	61		-23.248
Cu	63		-0.084
Zn	67		-442.869
> Ge	72	98.806	
Se	77		-4134.310
Mo	98		9.050
Ag	109		2.136
> In-2	115	100.024	
Cd	114		1.687
Sb	121		3.045
Ba	137		-0.232
> Ho-2	165	100.538	
W	182		23.388
W	183		23.327
Pt	194		0.810
Pt	195		1.020
Tl	203		30.175
Pb	206		-0.558
Pb	207		-1.167
> Sc	45	99.622	
Ti	47		-7.754
Sr	86		2.270
Sr	88		0.295
> In	115	100.024	
Sn	118		3.132
Sn	120		3.583

QC Out Of Limits

Analyte	Mass	Out of Limits Message
B	10	Q
Cr	52	Q
Cr	53	Q
Zn	67	Q
Se	77	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPCN
Sample Date/Time: Thursday, May 24, 2007 16:27:19
Autosampler Position: 44
Dataset File: D:\Elandata\Dataset\052407m1\JWPCN.079

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.008959	87.742	4.333	ug/L	3.000
	10	B	138.994223	3.696	4682.217	ug/L	90.668
	23	Na	33061.705015	0.867	154433874.359	ug/L	24909.622
	24	Mg	5500.241083	1.079	17469699.605	ug/L	6273.773
	27	Al	15.200297	0.354	84425.602	ug/L	15227.265
	39	K	471.820913	1.041	3914973.291	ug/L	707925.205
	44	Ca	12333.918173	1.632	2882627.100	ug/L	48369.900
>	45	Sc-1			464746.134	ug/L	467697.114
	51	V	-3.335732	43.754	-44048.151	ug/L	-17188.401
	52	Cr	245.467598	0.563	1691608.671	ug/L	43700.177
	55	Mn	2.547171	1.939	29972.376	ug/L	3939.583
	57	Fe	-19.060872	5.858	3008.899	ug/L	6563.304
	59	Co	0.032550	2.981	305.340	ug/L	70.668
	60	Ni	0.315930	5.607	700.358	ug/L	205.004
	65	Cu	0.126203	7.577	437.344	ug/L	201.670
	66	Zn	0.817759	5.607	4440.068	ug/L	3569.482
>	72	Ge-1			579481.660	ug/L	592936.498
	75	As	2.535296	8.278	2957.380	ug/L	-502.888
	82	Se	0.168054	204.980	-44.463	ug/L	-70.642
	97	Mo	0.284496	5.836	568.350	ug/L	69.001
	107	Ag	0.005815	61.030	150.336	ug/L	109.002
	111	Cd	0.009824	3.291	51.334	ug/L	35.667
>	115	In-1			964706.884	ug/L	994304.053
	123	Sb	0.027649	26.482	350.884	ug/L	235.401
	135	Ba	0.848934	4.455	1550.100	ug/L	183.670
>	165	Ho-1			1253956.642	ug/L	1276105.159
	205	Tl	0.072852	34.603	3215.066	ug/L	1936.818
	208	Pb	-0.011028	45.296	3171.502	ug/L	3500.871
	238	U	0.577252	0.769	9053.625	ug/L	35.667
>	45	Sc-2			464746.134	ug/L	467697.114
	53	Cr	230.467506	4.696	467783.764	ug/L	319041.768
	54	Fe	21.091944	32.948	52738.611	ug/L	42890.999
	61	Ni	2.522560	29.261	1241.733	ug/L	1069.051
	63	Cu	0.264051	7.485	1293.072	ug/L	321.674
	67	Zn	-4.654615	23.235	20479.875	ug/L	21519.078
>	72	Ge			579481.660	ug/L	592936.498
	77	Se	-50.725780	16.272	7684.218	ug/L	13366.987
	98	Mo	0.272595	3.498	1327.766	ug/L	95.062
	109	Ag	0.009168	22.801	187.003	ug/L	120.002
>	115	In-2			964706.884	ug/L	994304.053
	114	Cd	0.012561	12.632	99.816	ug/L	53.748
	121	Sb	0.011810	15.974	387.342	ug/L	329.340
	137	Ba	0.893277	2.043	2707.950	ug/L	281.339
>	165	Ho-2			1253956.642	ug/L	1276105.159
	182	W	0.083522	14.541	925.039	ug/L	457.679
	183	W	0.075854	11.863	486.013	ug/L	253.338
	194	Pt	0.003578	36.773	91.335	ug/L	76.668
	195	Pt	0.014504	153.849	114.002	ug/L	48.001
	203	Tl	0.083738	38.066	1400.751	ug/L	780.029
	206	Pb	-0.007711	125.897	824.032	ug/L	888.037
	207	Pb	-0.009597	42.293	681.690	ug/L	745.027
>	45	Sc			464746.134	ug/L	467697.114
	47	Ti	0.671562	10.466	1074.051	ug/L	647.355
	86	Sr	290.874781	1.844	633871.183	ug/L	151.307
	88	Sr	295.900469	1.844	5535428.339	ug/L	1301.072
>	115	In			964706.884	ug/L	994304.053
	118	Sn	0.006650	29.734	379.676	ug/L	357.341

120 Sn	0.011279	15.689	549.510	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	99.369	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	97.731	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	97.023	
Sb	123		
Ba	135		
> Ho-1	165	98.264	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	99.369	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	97.731	
Se	77		
Mo	98		
Ag	109		
> In-2	115	97.023	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	98.264	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	99.369	
Tl	47		
Sr	86		
Sr	88		
> In	115	97.023	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPCP
Sample Date/Time: Thursday, May 24, 2007 16:33:24
Autosampler Position: 45
Dataset File: D:\Elandata\Dataset\052407m1\JWPCP.080

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	-0.005257	171.985	2.333	ug/L	3.000
	10	B	4.180595	13.364	248.338	ug/L	90.668
	23	Na	478.872202	3.264	2394178.365	ug/L	24909.622
	24	Mg	127.047858	2.333	433716.440	ug/L	6273.773
	27	Al	67.693487	3.033	342759.270	ug/L	15227.265
	39	K	79.919013	6.915	1320897.159	ug/L	707925.205
	44	Ca	571.139604	4.093	189876.844	ug/L	48369.900
>	45	Sc-1			492334.758	ug/L	467697.114
	51	V	-0.090441	925.035	-18817.741	ug/L	-17188.401
	52	Cr	2.508415	14.845	63818.650	ug/L	43700.177
	55	Mn	89.781515	3.342	976672.334	ug/L	3939.583
	57	Fe	70.104927	6.171	20579.500	ug/L	6563.304
	59	Co	1.281083	4.864	9870.508	ug/L	70.668
	60	Ni	1.082520	4.826	2018.163	ug/L	205.004
	65	Cu	0.881044	4.043	1962.488	ug/L	201.670
	66	Zn	12.078519	3.575	17717.824	ug/L	3569.482
>	72	Ge-1			612118.379	ug/L	592936.498
	75	As	-0.041261	1084.866	-578.808	ug/L	-502.888
	82	Se	0.108634	220.882	-56.075	ug/L	-70.642
	97	Mo	0.078333	10.113	220.337	ug/L	69.001
	107	Ag	0.008124	15.210	180.670	ug/L	109.002
	111	Cd	0.045339	15.702	120.002	ug/L	35.667
>	115	In-1			1036532.658	ug/L	994304.053
	123	Sb	0.135622	8.406	890.761	ug/L	235.401
	135	Ba	5.320554	2.463	9461.894	ug/L	183.670
>	165	Ho-1			1354570.544	ug/L	1276105.159
	205	Tl	0.067285	30.226	3359.432	ug/L	1936.818
	208	Pb	0.302586	3.115	11662.319	ug/L	3500.871
	238	U	0.015668	15.908	302.340	ug/L	35.667
>	45	Sc-2			492334.758	ug/L	467697.114
	53	Cr	87.632585	35.006	396361.307	ug/L	319041.768
	54	Fe	146.916101	5.147	119925.021	ug/L	42890.999
	61	Ni	2.112017	16.727	1284.071	ug/L	1069.051
	63	Cu	0.876056	4.495	3759.532	ug/L	321.674
	67	Zn	52.615653	18.887	33449.534	ug/L	21519.078
>	72	Ge			612118.379	ug/L	592936.498
	77	Se	-8.956018	99.011	12796.517	ug/L	13366.987
	98	Mo	0.075612	1.391	467.382	ug/L	95.062
	109	Ag	0.013884	6.297	240.004	ug/L	120.002
>	115	In-2			1036532.658	ug/L	994304.053
	114	Cd	0.048481	5.374	253.589	ug/L	53.748
	121	Sb	0.126080	6.884	1120.722	ug/L	329.340
	137	Ba	5.506489	1.946	16488.344	ug/L	281.339
>	165	Ho-2			1354570.544	ug/L	1276105.159
	182	W	0.124568	5.825	1250.401	ug/L	457.679
	183	W	0.124611	12.892	689.024	ug/L	253.338
	194	Pt	0.002320	43.043	92.668	ug/L	76.668
	195	Pt	0.001281	94.349	57.334	ug/L	48.001
	203	Tl	0.069314	30.129	1392.416	ug/L	780.029
	206	Pb	0.301968	1.704	2997.678	ug/L	888.037
	207	Pb	0.296386	6.219	2476.239	ug/L	745.027
>	45	Sc			492334.758	ug/L	467697.114
	47	Ti	2.727395	0.582	2533.250	ug/L	647.355
	86	Sr	4.374213	1.059	10254.584	ug/L	151.307
	88	Sr	4.349598	3.779	87512.862	ug/L	1301.072
>	115	In			1036532.658	ug/L	994304.053
	118	Sn	0.157023	9.531	1208.397	ug/L	357.341

120 Sn	0.159724	3.728	1656.696	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	105.268	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	103.235	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	104.247	
Sb	123		
Ba	135		
> Ho-1	165	106.149	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	105.268	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	103.235	
Se	77		
Mo	98		
Ag	109		
> In-2	115	104.247	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	106.149	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	105.268	
Tl	47		
Sr	86		
Sr	88		
> In	115	104.247	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW3MAB
Sample Date/Time: Thursday, May 24, 2007 16:39:29
Autosampler Position: 46
Dataset File: D:\Elandata\Dataset\052407m1\JW3MAB.081

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.010746	54.852	5.000	ug/L	3.000
	10	B	1.019746	37.556	135.669	ug/L	90.668
	23	Na	2.616149	5.309	40038.778	ug/L	24909.622
	24	Mg	-0.365288	2.900	5495.445	ug/L	6273.773
	27	Al	5.251241	2.497	42310.661	ug/L	15227.265
	39	K	-5.605911	23.936	720465.630	ug/L	707925.205
	44	Ca	-20.814840	19.260	46867.901	ug/L	48369.900
>	45	Sc-1			503308.184	ug/L	467697.114
	51	V	-0.748016	82.066	-25076.307	ug/L	-17188.401
	52	Cr	1.692944	15.051	59330.593	ug/L	43700.177
	55	Mn	0.064390	30.838	4952.576	ug/L	3939.583
	57	Fe	-1.035723	19.838	6856.484	ug/L	6563.304
	59	Co	0.004048	39.648	107.668	ug/L	70.668
	60	Ni	0.047941	28.658	302.340	ug/L	205.004
	65	Cu	0.097121	7.325	414.343	ug/L	201.670
	66	Zn	1.368003	2.108	5458.764	ug/L	3569.482
>	72	Ge-1			620754.522	ug/L	592936.498
	75	As	-0.997434	19.684	-1981.019	ug/L	-502.888
	82	Se	0.167738	117.431	-47.478	ug/L	-70.642
	97	Mo	0.010553	71.076	95.335	ug/L	69.001
	107	Ag	0.003328	107.985	146.002	ug/L	109.002
	111	Cd	0.002562	198.411	43.334	ug/L	35.667
>	115	In-1			1074291.390	ug/L	994304.053
	123	Sb	0.011828	19.066	312.779	ug/L	235.401
	135	Ba	0.049490	19.797	286.672	ug/L	183.670
>	165	Ho-1			1381257.685	ug/L	1276105.159
	205	Tl	0.042109	43.989	2928.666	ug/L	1936.818
	208	Pb	-0.012548	10.325	3453.198	ug/L	3500.871
	238	U	-0.000210	150.657	35.000	ug/L	35.667
>	45	Sc-2			503308.184	ug/L	467697.114
	53	Cr	100.378100	27.120	414387.908	ug/L	319041.768
	54	Fe	72.086207	2.946	83697.570	ug/L	42890.999
	61	Ni	0.215601	49.365	1167.059	ug/L	1069.051
	63	Cu	0.107618	1.644	776.029	ug/L	321.674
	67	Zn	43.958628	19.300	32382.710	ug/L	21519.078
>	72	Ge			620754.522	ug/L	592936.498
	77	Se	3.795277	297.606	14431.182	ug/L	13366.987
	98	Mo	0.009803	33.902	152.078	ug/L	95.062
	109	Ag	0.005713	11.104	178.670	ug/L	120.002
>	115	In-2			1074291.390	ug/L	994304.053
	114	Cd	0.007976	21.910	91.827	ug/L	53.748
	121	Sb	0.009979	27.613	419.677	ug/L	329.340
	137	Ba	0.045739	3.970	441.678	ug/L	281.339
>	165	Ho-2			1381257.685	ug/L	1276105.159
	182	W	0.024813	33.117	650.688	ug/L	457.679
	183	W	0.020201	44.653	343.674	ug/L	253.338
	194	Pt	0.001358	120.695	89.668	ug/L	76.668
	195	Pt	0.000865	140.387	56.334	ug/L	48.001
	203	Tl	0.043140	43.523	1203.063	ug/L	780.029
	206	Pb	-0.009382	34.947	896.037	ug/L	888.037
	207	Pb	-0.013632	27.810	727.359	ug/L	745.027
>	45	Sc			503308.184	ug/L	467697.114
	47	Ti	0.080998	107.727	752.694	ug/L	647.355
	86	Sr	0.018310	103.327	206.068	ug/L	151.307
	88	Sr	-0.000718	281.144	1385.748	ug/L	1301.072
>	115	In			1074291.390	ug/L	994304.053
	118	Sn	0.122600	7.529	1062.717	ug/L	357.341

L	120 Sn	0.109973	5.258	1346.700	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
⌈	Be	9		
|	B	10		
|	Na	23		
|	Mg	24		
|	Al	27		
|	K	39		
|	Ca	44		
|>	Sc-1	45	107.614	
|	V	51		
|	Cr	52		
|	Mn	55		
|	Fe	57		
|	Co	59		
|	Ni	60		
|	Cu	65		
L	Zn	66		
⌈>	Ge-1	72	104.692	
|	As	75		
L	Se	82		
⌈	Mo	97		
|	Ag	107		
|	Cd	111		
|>	In-1	115	108.045	
L	Sb	123		
⌈	Ba	135		
|>	Ho-1	165	108.240	
|	Tl	205		
|	Pb	208		
L	U	238		
⌈>	Sc-2	45	107.614	
|	Cr	53		
|	Fe	54		
|	Ni	61		
|	Cu	63		
L	Zn	67		
⌈>	Ge	72	104.692	
L	Se	77		
⌈	Mo	98		
|	Ag	109		
|>	In-2	115	108.045	
|	Cd	114		
L	Sb	121		
⌈	Ba	137		
|>	Ho-2	165	108.240	
|	W	182		
|	W	183		
|	Pt	194		
|	Pt	195		
|	Tl	203		
|	Pb	206		
L	Pb	207		
⌈>	Sc	45	107.614	
|	Tl	47		
|	Sr	86		
L	Sr	88		
⌈>	In	115	108.045	
|	Sn	118		
L	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW3MAC
Sample Date/Time: Thursday, May 24, 2007 16:45:35
Autosampler Position: 47
Dataset File: D:\Elandata\Dataset\052407m1\JW3MAC.082

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	469.458067	1.485	75752.744	ug/L	3.000
	10	B	942.122554	2.979	34600.867	ug/L	90.668
	23	Na	9918.212040	3.063	49218174.050	ug/L	24909.622
	24	Mg	9926.592231	4.250	33470326.543	ug/L	6273.773
	27	Al	500.911017	4.918	2440768.719	ug/L	15227.265
	39	K	9615.446488	4.164	70243048.832	ug/L	707925.205
	44	Ca	9914.877445	2.754	2471208.881	ug/L	48369.900
>	45	Sc-1			493759.051	ug/L	467697.114
	51	V	453.192009	3.378	3885740.688	ug/L	-17188.401
	52	Cr	465.522050	2.397	3365990.007	ug/L	43700.177
	55	Mn	472.587784	3.217	5139133.593	ug/L	3939.583
	57	Fe	492.473584	2.248	103321.362	ug/L	6563.304
	59	Co	452.119303	2.344	3469479.148	ug/L	70.668
	60	Ni	440.746885	2.317	736370.307	ug/L	205.004
	65	Cu	435.848069	2.388	868903.175	ug/L	201.670
	66	Zn	416.905503	2.608	487174.494	ug/L	3569.482
>	72	Ge-1			588380.615	ug/L	592936.498
	75	As	495.244150	2.195	683516.845	ug/L	-502.888
	82	Se	451.948121	3.332	67235.408	ug/L	-70.642
	97	Mo	486.983367	3.135	925188.492	ug/L	69.001
	107	Ag	119.026607	2.022	983964.943	ug/L	109.002
	111	Cd	463.541362	1.321	850999.997	ug/L	35.667
>	115	In-1			1040110.920	ug/L	994304.053
	123	Sb	446.287440	1.416	2132110.570	ug/L	235.401
	135	Ba	443.978072	2.008	752004.655	ug/L	183.670
>	165	Ho-1			1316999.426	ug/L	1276105.159
	205	Tl	470.593553	4.405	8872971.507	ug/L	1936.818
	208	Pb	469.979315	3.247	12003927.511	ug/L	3500.871
	238	U	980.870051	2.565	16092218.591	ug/L	35.667
>	45	Sc-2			493759.051	ug/L	467697.114
	53	Cr	605.270942	3.642	757410.607	ug/L	319041.768
	54	Fe	589.026703	1.329	346173.020	ug/L	42890.999
	61	Ni	449.389608	2.805	35078.040	ug/L	1069.051
	63	Cu	429.611287	3.329	1683165.069	ug/L	321.674
	67	Zn	454.119326	2.913	116248.896	ug/L	21519.078
>	72	Ge			588380.615	ug/L	592936.498
	77	Se	419.992459	1.349	58496.263	ug/L	13366.987
	98	Mo	476.309881	2.198	2327363.157	ug/L	95.062
	109	Ag	123.537327	0.628	1025520.868	ug/L	120.002
>	115	In-2			1040110.920	ug/L	994304.053
	114	Cd	456.570381	1.219	1867813.273	ug/L	53.748
	121	Sb	460.746791	2.319	2851850.725	ug/L	329.340
	137	Ba	449.645521	0.747	1285661.715	ug/L	281.339
>	165	Ho-2			1316999.426	ug/L	1276105.159
	182	W	931.182671	3.788	5556360.244	ug/L	457.679
	183	W	921.553405	2.488	3023773.121	ug/L	253.338
	194	Pt	884.431077	2.789	4161572.889	ug/L	76.668
	195	Pt	890.419361	3.841	4295667.218	ug/L	48.001
	203	Tl	453.950061	4.022	3599834.460	ug/L	780.029
	206	Pb	466.993697	2.966	3090443.451	ug/L	888.037
	207	Pb	472.579437	2.638	2614819.394	ug/L	745.027
>	45	Sc			493759.051	ug/L	467697.114
	47	Ti	933.289803	2.731	636025.002	ug/L	647.355
	86	Sr	455.591133	1.444	1054652.486	ug/L	151.307
	88	Sr	468.534840	2.581	9310260.897	ug/L	1301.072
>	115	In			1040110.920	ug/L	994304.053
	118	Sn	914.621783	0.683	4889802.305	ug/L	357.341

120 Sn	929.364177	1.856	6699670.348	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	105.572	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	99.232	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	104.607	
Sb	123		
Ba	135		
Ho-1	165	103.205	
Tl	205		
Pb	208		
U	238		
Sc-2	45	105.572	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	99.232	
Se	77		
Mo	98		
Ag	109		
In-2	115	104.607	
Cd	114		
Sb	121		
Ba	137		
Ho-2	165	103.205	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	105.572	
Tl	47		
Sr	86		
Sr	88		
In	115	104.607	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWN8W
Sample Date/Time: Thursday, May 24, 2007 16:51:42
Autosampler Position: 48
Dataset File: D:\Elandata\Dataset\052407m1\JWN8W.083

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.028876	66.693	7.333	ug/L	3.000
	10	B	97.419697	3.397	3437.781	ug/L	90.668
	23	Na	29971.984336	2.957	139563583.823	ug/L	24909.622
	24	Mg	8417.095385	2.855	26644279.020	ug/L	6273.773
	27	Al	98.806695	1.164	464058.403	ug/L	15227.265
	39	K	502.489906	1.230	4110194.882	ug/L	707925.205
	44	Ca	12771.888140	2.031	2973606.767	ug/L	48369.900
>	45	Sc-1			463220.838	ug/L	467697.114
	51	V	1.872202	32.230	-1914.271	ug/L	-17188.401
	52	Cr	-1.588306	5.795	32653.951	ug/L	43700.177
	55	Mn	1.281427	2.994	16967.575	ug/L	3939.583
	57	Fe	48.271261	3.762	15366.860	ug/L	6563.304
	59	Co	0.071206	18.931	582.351	ug/L	70.668
	60	Ni	0.371765	7.135	785.696	ug/L	205.004
	65	Cu	0.336300	4.265	828.699	ug/L	201.670
	66	Zn	1.647909	5.751	5328.047	ug/L	3569.482
>	72	Ge-1			572389.068	ug/L	592936.498
	75	As	2.361216	15.184	2690.311	ug/L	-502.688
	82	Se	0.290089	20.421	-26.181	ug/L	-70.642
	97	Mo	0.692199	9.908	1289.738	ug/L	69.001
	107	Ag	0.011500	34.090	194.337	ug/L	109.002
	111	Cd	0.063459	12.283	143.002	ug/L	35.667
>	115	In-1			967706.813	ug/L	994304.053
	123	Sb	0.061868	30.869	503.339	ug/L	235.401
	135	Ba	1.512770	3.070	2667.943	ug/L	183.670
>	165	Ho-1			1276910.583	ug/L	1276105.159
	205	Tl	0.668808	47.515	14187.325	ug/L	1936.818
	208	Pb	0.080399	20.176	5495.469	ug/L	3500.871
	238	U	1.011800	3.180	16135.276	ug/L	35.667
>	45	Sc-2			463220.838	ug/L	467697.114
	53	Cr	-90.725855	4.569	256815.994	ug/L	319041.768
	54	Fe	75.237258	12.793	78512.350	ug/L	42890.999
	61	Ni	2.277847	33.742	1220.064	ug/L	1069.051
	63	Cu	0.459126	6.614	2005.828	ug/L	321.674
	67	Zn	-1.357119	160.223	21048.373	ug/L	21519.078
>	72	Ge			572389.068	ug/L	592936.498
	77	Se	-65.144363	4.200	6082.314	ug/L	13366.987
	98	Mo	0.706870	9.311	3303.590	ug/L	95.062
	109	Ag	0.030044	27.672	348.341	ug/L	120.002
>	115	In-2			967706.813	ug/L	994304.053
	114	Cd	0.061507	17.266	286.213	ug/L	53.748
	121	Sb	0.044211	19.649	574.684	ug/L	329.340
	137	Ba	1.560673	0.989	4607.456	ug/L	281.339
>	165	Ho-2			1276910.583	ug/L	1276105.159
	182	W	0.507845	30.009	3400.124	ug/L	457.679
	183	W	0.517982	32.165	1903.486	ug/L	253.338
	194	Pt	0.041934	40.619	268.339	ug/L	76.668
	195	Pt	0.043315	47.864	251.005	ug/L	48.001
	203	Tl	0.670849	45.870	5947.432	ug/L	780.029
	206	Pb	0.079820	24.700	1401.083	ug/L	888.037
	207	Pb	0.084787	23.732	1200.729	ug/L	745.027
>	45	Sc			463220.838	ug/L	467697.114
	47	Ti	3.834560	1.907	3090.699	ug/L	647.355
	86	Sr	354.269559	0.996	769570.946	ug/L	151.307
	88	Sr	358.983013	0.926	6693765.683	ug/L	1301.072
>	115	In			967706.813	ug/L	994304.053
	118	Sn	0.111101	19.808	899.371	ug/L	357.341

120 Sn	0.108879	30.597	1203.632	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	99.043	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	96.535	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	97.325	
Sb	123		
Ba	135		
Ho-1	165	100.063	
Tl	205		
Pb	208		
U	238		
Sc-2	45	99.043	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	96.535	
Se	77		
Mo	98		
Ag	109		
In-2	115	97.325	
Cd	114		
Sb	121		
Ba	137		
Ho-2	165	100.063	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	99.043	
Ti	47		
Sr	86		
Sr	88		
In	115	97.325	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWN8WS
Sample Date/Time: Thursday, May 24, 2007 16:57:48
Autosampler Position: 49
Dataset File: D:\Elandata\Dataset\052407m1\JWN8WS.084

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
⌜	9	Be	0.449752	23.779	71.001	ug/L	3.000
|	10	B	108.259711	4.238	3811.214	ug/L	90.668
|	23	Na	30229.566440	1.608	140752329.081	ug/L	24909.622
|	24	Mg	9025.414894	1.752	28568914.098	ug/L	6273.773
|	27	Al	138.243194	1.460	643271.174	ug/L	15227.265
|	39	K	1022.995068	1.025	7641402.086	ug/L	707925.205
|	44	Ca	13028.123382	1.182	3032550.554	ug/L	48369.900
|>	45	Sc-1			463231.680	ug/L	467697.114
|	51	V	6.255104	11.280	33538.499	ug/L	-17188.401
|	52	Cr	0.982999	8.434	49861.705	ug/L	43700.177
|	55	Mn	6.424518	1.165	69417.613	ug/L	3939.583
|	57	Fe	53.356789	4.726	16299.598	ug/L	6563.304
|	59	Co	5.264600	2.682	37978.814	ug/L	70.668
|	60	Ni	5.262955	2.024	8452.251	ug/L	205.004
|	65	Cu	2.685130	1.394	5222.340	ug/L	201.670
⌊	66	Zn	5.858896	2.187	9910.536	ug/L	3569.482
⌈>	72	Ge-1			581176.137	ug/L	592936.498
|	75	As	23.394093	1.490	31436.325	ug/L	-502.888
⌊	82	Se	18.005410	2.858	2580.602	ug/L	-70.642
⌈	97	Mo	10.959283	2.306	19778.884	ug/L	69.001
|	107	Ag	0.595064	0.454	4764.175	ug/L	109.002
|	111	Cd	0.555126	2.242	1000.045	ug/L	35.667
|>	115	In-1			984518.429	ug/L	994304.053
⌊	123	Sb	5.017276	0.692	22921.052	ug/L	235.401
⌈	135	Ba	21.084462	1.608	34863.176	ug/L	183.670
|>	165	Ho-1			1278959.692	ug/L	1276105.159
|	205	Tl	19.455654	4.402	358173.945	ug/L	1936.818
|	208	Pb	5.137323	1.055	130928.434	ug/L	3500.871
⌊	238	U	22.269082	1.169	354877.958	ug/L	35.667
⌈>	45	Sc-2			463231.680	ug/L	467697.114
|	53	Cr	-74.079615	6.896	267690.942	ug/L	319041.768
|	54	Fe	81.779608	8.302	81663.096	ug/L	42890.999
|	61	Ni	7.560536	12.976	1595.105	ug/L	1069.051
|	63	Cu	2.849647	1.068	10794.518	ug/L	321.674
⌊	67	Zn	-0.044019	1565.664	21305.089	ug/L	21519.078
⌈>	72	Ge			581176.137	ug/L	592936.498
⌊	77	Se	-32.670978	12.222	9625.568	ug/L	13366.987
⌈	98	Mo	11.038293	0.635	51152.940	ug/L	95.062
|	109	Ag	0.679012	1.429	5453.762	ug/L	120.002
|>	115	In-2			984518.429	ug/L	994304.053
|	114	Cd	0.523888	4.256	2081.870	ug/L	53.748
⌊	121	Sb	5.067703	0.937	30017.805	ug/L	329.340
⌈	137	Ba	21.634943	0.696	60344.789	ug/L	281.339
|>	165	Ho-2			1278959.692	ug/L	1276105.159
|	182	W	16.354867	0.772	95260.845	ug/L	457.679
|	183	W	16.065215	3.307	51442.665	ug/L	253.338
|	194	Pt	20.322284	1.247	92960.766	ug/L	76.668
|	195	Pt	20.656324	0.712	96848.150	ug/L	48.001
|	203	Tl	19.418236	4.371	150305.624	ug/L	780.029
|	206	Pb	5.053273	1.223	33362.913	ug/L	888.037
⌊	207	Pb	5.171263	2.326	28529.413	ug/L	745.027
⌈>	45	Sc			463231.680	ug/L	467697.114
|	47	Ti	23.838362	1.017	15870.302	ug/L	647.355
|	86	Sr	365.203178	0.326	793326.386	ug/L	151.307
⌊	88	Sr	368.144417	0.942	6865151.497	ug/L	1301.072
⌈>	115	In			984518.429	ug/L	994304.053
|	118	Sn	20.770244	1.632	105458.269	ug/L	357.341

L	120 Sn	20.987352	0.761	143700.972	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
⌈	Be	9		
|	B	10		
|	Na	23		
|	Mg	24		
|	Al	27		
|	K	39		
|	Ca	44		
|>	Sc-1	45	99.045	
|	V	51		
|	Cr	52		
|	Mn	55		
|	Fe	57		
|	Co	59		
|	Ni	60		
|	Cu	65		
L	Zn	66		
⌈>	Ge-1	72	98.017	
|	As	75		
L	Se	82		
⌈	Mo	97		
|	Ag	107		
|	Cd	111		
|>	In-1	115	99.016	
L	Sb	123		
⌈	Ba	135		
|>	Ho-1	165	100.224	
|	Tl	205		
|	Pb	208		
L	U	238		
⌈>	Sc-2	45	99.045	
|	Cr	53		
|	Fe	54		
|	Ni	61		
|	Cu	63		
L	Zn	67		
⌈>	Ge	72	98.017	
L	Se	77		
⌈	Mo	98		
|	Ag	109		
|>	In-2	115	99.016	
|	Cd	114		
L	Sb	121		
⌈	Ba	137		
|>	Ho-2	165	100.224	
|	W	182		
|	W	183		
|	Pt	194		
|	Pt	195		
|	Tl	203		
|	Pb	206		
L	Pb	207		
⌈>	Sc	45	99.045	
|	Ti	47		
|	Sr	86		
L	Sr	88		
⌈>	In	115	99.016	
|	Sn	118		
L	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWN8WD
Sample Date/Time: Thursday, May 24, 2007 17:03:56
Autosampler Position: 50
Dataset File: D:\Elandata\Dataset\052407m1\JWN8WD.085

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.507713	8.261	83.334	ug/L	3.000
	10	B	103.883304	3.196	3818.215	ug/L	90.668
	23	Na	29817.139627	2.420	144803767.001	ug/L	24909.622
	24	Mg	8880.281406	2.533	29317911.056	ug/L	6273.773
	27	Al	125.477715	0.398	610485.994	ug/L	15227.265
	39	K	983.681490	1.863	7692703.048	ug/L	707925.205
	44	Ca	12681.932216	1.215	3080393.035	ug/L	48369.900
>	45	Sc-1			483230.771	ug/L	467697.114
	51	V	5.512343	8.667	28736.732	ug/L	-17188.401
	52	Cr	0.802408	8.401	50750.159	ug/L	43700.177
	55	Mn	6.080806	2.145	68750.060	ug/L	3939.583
	57	Fe	42.407759	4.827	14904.273	ug/L	6563.304
	59	Co	5.000141	2.634	37628.545	ug/L	70.668
	60	Ni	5.019927	3.205	8417.898	ug/L	205.004
	65	Cu	2.539773	4.972	5162.318	ug/L	201.670
	66	Zn	5.556957	2.447	9994.929	ug/L	3569.482
>	72	Ge-1			583330.725	ug/L	592936.498
	75	As	22.770476	2.155	30696.363	ug/L	-502.888
	82	Se	18.156330	3.693	2612.043	ug/L	-70.642
	97	Mo	10.656071	1.597	19661.719	ug/L	69.001
	107	Ag	0.566953	0.727	4645.468	ug/L	109.002
	111	Cd	0.542081	2.233	999.045	ug/L	35.667
>	115	In-1			1006437.109	ug/L	994304.053
	123	Sb	4.872921	1.916	22765.077	ug/L	235.401
	135	Ba	20.674999	2.203	34768.275	ug/L	183.670
>	165	Ho-1			1300826.499	ug/L	1276105.159
	205	Tl	19.221801	3.103	359937.368	ug/L	1936.818
	208	Pb	5.015607	1.882	130084.648	ug/L	3500.871
	238	U	21.777746	1.975	352930.225	ug/L	35.667
>	45	Sc-2			483230.771	ug/L	467697.114
	53	Cr	-75.027697	12.171	278558.168	ug/L	319041.768
	54	Fe	69.059104	7.130	78839.023	ug/L	42890.999
	61	Ni	7.894664	12.168	1688.117	ug/L	1069.051
	63	Cu	2.733902	3.041	10814.868	ug/L	321.674
	67	Zn	-4.847013	42.999	21254.013	ug/L	21519.078
>	72	Ge			583330.725	ug/L	592936.498
	77	Se	-21.123466	29.002	10891.369	ug/L	13366.987
	98	Mo	10.760582	2.054	50975.573	ug/L	95.062
	109	Ag	0.655241	1.204	5384.068	ug/L	120.002
>	115	In-2			1006437.109	ug/L	994304.053
	114	Cd	0.544954	4.238	2211.467	ug/L	53.748
	121	Sb	4.930781	0.522	29866.153	ug/L	329.340
	137	Ba	21.019053	1.325	59632.472	ug/L	281.339
>	165	Ho-2			1300826.499	ug/L	1276105.159
	182	W	16.080062	1.705	95265.270	ug/L	457.679
	183	W	15.685443	1.438	51096.398	ug/L	253.338
	194	Pt	20.175952	2.349	93856.639	ug/L	76.668
	195	Pt	20.507701	1.123	97787.530	ug/L	48.001
	203	Tl	19.063402	4.419	150081.230	ug/L	780.029
	206	Pb	4.948954	2.407	33247.315	ug/L	888.037
	207	Pb	4.975438	2.130	27947.261	ug/L	745.027
>	45	Sc			483230.771	ug/L	467697.114
	47	Ti	22.654858	1.887	15767.190	ug/L	647.355
	86	Sr	348.879253	0.832	790561.682	ug/L	151.307
	88	Sr	353.861673	2.152	6882722.620	ug/L	1301.072
>	115	In			1006437.109	ug/L	994304.053
	118	Sn	20.350121	1.373	105636.592	ug/L	357.341

L	120 Sn	20.676158	0.769	144734.584	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
⌈	Be	9		
|	B	10		
|	Na	23		
|	Mg	24		
|	Al	27		
|	K	39		
|	Ca	44		
|>	Sc-1	45	103.321	
|	V	51		
|	Cr	52		
|	Mn	55		
|	Fe	57		
|	Co	59		
|	Ni	60		
|	Cu	65		
L	Zn	66		
⌈>	Ge-1	72	98.380	
|	As	75		
L	Se	82		
⌈	Mo	97		
|	Ag	107		
|	Cd	111		
|>	In-1	115	101.220	
L	Sb	123		
⌈	Ba	135		
|>	Ho-1	165	101.937	
|	Tl	205		
|	Pb	208		
L	U	238		
⌈>	Sc-2	45	103.321	
|	Cr	53		
|	Fe	54		
|	Ni	61		
|	Cu	63		
L	Zn	67		
⌈>	Ge	72	98.380	
L	Se	77		
⌈	Mo	98		
|	Ag	109		
|>	In-2	115	101.220	
|	Cd	114		
L	Sb	121		
⌈	Ba	137		
|>	Ho-2	165	101.937	
|	W	182		
|	W	183		
|	Pt	194		
|	Pt	195		
|	Tl	203		
|	Pb	206		
L	Pb	207		
⌈>	Sc	45	103.321	
|	Ti	47		
|	Sr	86		
L	Sr	88		
⌈>	In	115	101.220	
|	Sn	118		
L	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWN8WV
Sample Date/Time: Thursday, May 24, 2007 17:10:03
Autosampler Position: 51
Dataset File: D:\Elandata\Dataset\052407m1\JWN8WV.086

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.010417	139.942	4.667	ug/L	3.000
	10	B	21.814604	2.572	856.701	ug/L	90.668
	23	Na	5970.637723	3.041	28373543.279	ug/L	24909.622
	24	Mg	1725.192321	3.317	5574293.219	ug/L	6273.773
	27	Al	19.423457	3.805	105394.795	ug/L	15227.265
	39	K	90.871965	4.335	1344045.460	ug/L	707925.205
	44	Ca	2566.492084	0.806	648685.645	ug/L	48369.900
>	45	Sc-1			472629.333	ug/L	467697.114
	51	V	0.848509	70.741	-10315.758	ug/L	-17188.401
	52	Cr	-0.981868	9.315	37449.062	ug/L	43700.177
	55	Mn	0.146836	3.117	5508.450	ug/L	3939.583
	57	Fe	7.360703	2.752	8011.960	ug/L	6563.304
	59	Co	0.009912	10.989	144.336	ug/L	70.668
	60	Ni	0.053537	10.830	292.673	ug/L	205.004
	65	Cu	0.012846	41.306	228.337	ug/L	201.670
	66	Zn	-0.563480	6.404	2981.341	ug/L	3569.482
>	72	Ge-1			587706.411	ug/L	592936.498
	75	As	0.143563	478.437	-293.055	ug/L	-502.888
	82	Se	-0.017661	882.455	-72.648	ug/L	-70.642
	97	Mo	0.126796	3.479	298.006	ug/L	69.001
	107	Ag	0.001080	238.704	117.002	ug/L	109.002
	111	Cd	0.002576	82.079	40.000	ug/L	35.667
>	115	In-1			990047.540	ug/L	994304.053
	123	Sb	0.010406	66.027	281.857	ug/L	235.401
	135	Ba	0.284624	7.388	653.688	ug/L	183.670
>	165	Ho-1			1281662.136	ug/L	1276105.159
	205	Tl	0.174342	43.370	5151.361	ug/L	1936.818
	208	Pb	-0.015180	24.884	3139.166	ug/L	3500.871
	238	U	0.189994	1.592	3069.694	ug/L	35.667
>	45	Sc-2			472629.333	ug/L	467697.114
	53	Cr	-50.854314	28.152	288449.611	ug/L	319041.768
	54	Fe	13.712724	40.982	50070.408	ug/L	42890.999
	61	Ni	1.917561	19.552	1218.731	ug/L	1069.051
	63	Cu	0.044287	9.485	491.013	ug/L	321.674
	67	Zn	-8.907330	25.381	19983.834	ug/L	21519.078
>	72	Ge			587706.411	ug/L	592936.498
	77	Se	-27.460241	13.657	10292.941	ug/L	13366.987
	98	Mo	0.129900	0.577	698.899	ug/L	95.062
	109	Ag	0.004384	78.818	154.002	ug/L	120.002
>	115	In-2			990047.540	ug/L	994304.053
	114	Cd	0.003382	57.264	66.712	ug/L	53.748
	121	Sb	0.002936	283.396	345.008	ug/L	329.340
	137	Ba	0.281742	1.259	1066.384	ug/L	281.339
>	165	Ho-2			1281662.136	ug/L	1276105.159
	182	W	0.090111	24.627	983.711	ug/L	457.679
	183	W	0.080641	30.987	512.348	ug/L	253.338
	194	Pt	-0.001094	205.667	72.001	ug/L	76.668
	195	Pt	0.000310	343.824	49.667	ug/L	48.001
	203	Tl	0.180262	37.790	2177.195	ug/L	780.029
	206	Pb	-0.013203	45.517	807.031	ug/L	888.037
	207	Pb	-0.013195	44.711	677.356	ug/L	745.027
>	45	Sc			472629.333	ug/L	467697.114
	47	Ti	0.562265	7.185	1020.380	ug/L	647.355
	86	Sr	72.761208	0.818	161379.371	ug/L	151.307
	88	Sr	71.296646	0.406	1357504.490	ug/L	1301.072
>	115	In			990047.540	ug/L	994304.053
	118	Sn	0.017660	21.852	445.678	ug/L	357.341

120 Sn	0.013061	53.218	575.947	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	101.055	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	99.118	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	99.572	
Sb	123		
Ba	135		
Ho-1	165	100.435	
Tl	205		
Pb	208		
U	238		
Sc-2	45	101.055	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	99.118	
Se	77		
Mo	98		
Ag	109		
In-2	115	99.572	
Cd	114		
Sb	121		
Ba	137		
Ho-2	165	100.435	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	101.055	
Ti	47		
Sr	86		
Sr	88		
In	115	99.572	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Messege

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWN9G
Sample Date/Time: Thursday, May 24, 2007 17:16:12
Autosampler Position: 52
Dataset File: D:\Elandata\Dataset\052407m1\JWN9G.087

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	-0.006337	181.218	2.000	ug/L	3.000
	10	B	85.161698	5.496	2996.011	ug/L	90.668
	23	Na	29659.785849	0.494	137140076.119	ug/L	24909.622
	24	Mg	8356.608052	1.508	26268725.021	ug/L	6273.773
	27	Al	-0.966192	1.658	10617.717	ug/L	15227.265
	39	K	465.837990	1.206	3834860.659	ug/L	707925.205
	44	Ca	12398.143429	0.911	2868212.151	ug/L	48369.900
>	45	Sc-1			460034.650	ug/L	467697.114
	51	V	0.068492	241.753	-16355.804	ug/L	-17188.401
	52	Cr	-0.946483	5.249	36692.763	ug/L	43700.177
	55	Mn	-0.040756	209.254	3460.471	ug/L	3939.583
	57	Fe	-24.503182	5.486	1986.394	ug/L	6563.304
	59	Co	0.027614	15.296	267.005	ug/L	70.668
	60	Ni	0.323577	7.484	705.358	ug/L	205.004
	65	Cu	0.141534	13.614	461.345	ug/L	201.670
	66	Zn	0.697652	6.661	4265.013	ug/L	3569.482
>	72	Ge-1			572965.830	ug/L	592936.498
	75	As	1.711078	24.363	1813.286	ug/L	-502.888
	82	Se	0.176392	287.183	-42.606	ug/L	-70.642
	97	Mo	0.549560	5.789	1029.714	ug/L	69.001
	107	Ag	0.001509	44.348	116.668	ug/L	109.002
	111	Cd	0.006651	54.829	45.667	ug/L	35.667
>	115	In-1			959414.201	ug/L	994304.053
	123	Sb	0.022883	4.451	327.993	ug/L	235.401
	135	Ba	0.708206	2.941	1342.410	ug/L	183.670
>	165	Ho-1			1272546.457	ug/L	1276105.159
	205	Tl	0.062141	38.478	3064.030	ug/L	1936.818
	208	Pb	-0.027744	5.416	2806.135	ug/L	3500.871
	238	U	0.926151	0.651	14720.061	ug/L	35.667
>	45	Sc-2			460034.650	ug/L	467697.114
	53	Cr	-38.470164	14.506	288903.337	ug/L	319041.768
	54	Fe	0.999865	821.508	42656.123	ug/L	42890.999
	61	Ni	3.421553	9.002	1292.405	ug/L	1069.051
	63	Cu	0.250452	4.633	1230.732	ug/L	321.674
	67	Zn	-5.802418	27.228	20053.268	ug/L	21519.078
>	72	Ge			572965.830	ug/L	592936.498
	77	Se	-25.689046	9.964	10221.891	ug/L	13366.987
	98	Mo	0.540553	4.085	2528.609	ug/L	95.062
	109	Ag	0.001813	85.870	129.669	ug/L	120.002
>	115	In-2			959414.201	ug/L	994304.053
	114	Cd	0.013019	50.993	100.930	ug/L	53.748
	121	Sb	0.007574	82.776	361.008	ug/L	329.340
	137	Ba	0.719385	2.728	2268.203	ug/L	281.339
>	165	Ho-2			1272546.457	ug/L	1276105.159
	182	W	0.046386	20.493	724.026	ug/L	457.679
	183	W	0.043952	26.430	392.009	ug/L	253.338
	194	Pt	-0.002221	22.672	66.334	ug/L	76.668
	195	Pt	-0.000324	325.271	46.334	ug/L	48.001
	203	Tl	0.062975	27.393	1260.402	ug/L	780.029
	206	Pb	-0.023943	9.435	732.359	ug/L	888.037
	207	Pb	-0.025278	10.767	607.686	ug/L	745.027
>	45	Sc			460034.650	ug/L	467697.114
	47	Ti	-0.045813	25.689	607.686	ug/L	647.355
	86	Sr	350.793701	0.759	756771.677	ug/L	151.307
	88	Sr	352.226463	0.593	6522947.612	ug/L	1301.072
>	115	In			959414.201	ug/L	994304.053
	118	Sn	0.003699	75.265	363.008	ug/L	357.341

120 Sn	0.001551	285.857	481.746	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	98.362	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	96.632	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	96.491	
Sb	123		
Ba	135		
> Ho-1	165	99.721	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	98.362	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	96.632	
Se	77		
Mo	98		
Ag	109		
> In-2	115	96.491	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	99.721	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	98.362	
Ti	47		
Sr	86		
Sr	88		
> In	115	96.491	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWN9J
Sample Date/Time: Thursday, May 24, 2007 17:22:20
Autosampler Position: 53
Dataset File: D:\Elandata\Dataset\052407m1\JWN9J.088

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	-0.004456	166.693	2.333	ug/L	3.000
	10	B	82.452290	1.174	2962.003	ug/L	90.668
	23	Na	28644.759161	1.591	135081625.268	ug/L	24909.622
	24	Mg	8162.356007	1.737	26166761.794	ug/L	6273.773
	27	Al	4.181795	2.075	34523.348	ug/L	15227.265
	39	K	449.361176	2.123	3797723.487	ug/L	707925.205
	44	Ca	11825.258975	0.736	2792413.041	ug/L	48369.900
>	45	Sc-1			469218.715	ug/L	467697.114
	51	V	0.615771	35.706	-12206.877	ug/L	-17188.401
	52	Cr	-1.109478	1.530	36320.812	ug/L	43700.177
	55	Mn	0.027895	45.549	4241.006	ug/L	3939.583
	57	Fe	-23.071647	5.327	2293.403	ug/L	6563.304
	59	Co	0.028767	7.390	280.672	ug/L	70.668
	60	Ni	0.288884	8.651	664.355	ug/L	205.004
	65	Cu	0.112424	24.157	415.010	ug/L	201.670
	66	Zn	0.584914	23.196	4225.001	ug/L	3569.482
>	72	Ge-1			575055.291	ug/L	592936.498
	75	As	1.428104	8.493	1441.877	ug/L	-502.888
	82	Se	0.201237	36.225	-39.137	ug/L	-70.642
	97	Mo	0.472345	3.467	917.372	ug/L	69.001
	107	Ag	0.002234	24.625	125.335	ug/L	109.002
	111	Cd	0.005028	73.653	44.001	ug/L	35.667
>	115	In-1			983809.155	ug/L	994304.053
	123	Sb	0.013648	29.084	294.658	ug/L	235.401
	135	Ba	0.720802	2.456	1370.746	ug/L	183.670
>	165	Ho-1			1279792.675	ug/L	1276105.159
	205	Tl	0.030961	46.774	2509.580	ug/L	1936.818
	208	Pb	-0.025197	7.540	2885.809	ug/L	3500.871
	238	U	0.897046	1.544	14339.003	ug/L	35.667
>	45	Sc-2			469218.715	ug/L	467697.114
	53	Cr	-37.278575	26.145	295413.442	ug/L	319041.768
	54	Fe	2.990871	244.351	44498.700	ug/L	42890.999
	61	Ni	3.580270	13.554	1329.742	ug/L	1069.051
	63	Cu	0.222115	2.326	1149.724	ug/L	321.674
	67	Zn	-8.451856	23.081	19931.762	ug/L	21519.078
>	72	Ge			575055.291	ug/L	592936.498
	77	Se	-21.807593	13.986	10666.523	ug/L	13366.987
	98	Mo	0.510852	0.655	2455.335	ug/L	95.062
	109	Ag	0.000934	181.562	126.002	ug/L	120.002
>	115	In-2			983809.155	ug/L	994304.053
	114	Cd	0.007553	7.413	82.415	ug/L	53.748
	121	Sb	0.002587	77.995	341.007	ug/L	329.340
	137	Ba	0.750118	1.996	2366.220	ug/L	281.339
>	165	Ho-2			1279792.675	ug/L	1276105.159
	182	W	0.032083	10.315	645.021	ug/L	457.679
	183	W	0.021651	31.505	323.007	ug/L	253.338
	194	Pt	-0.002524	56.941	65.334	ug/L	76.668
	195	Pt	0.001244	100.394	54.001	ug/L	48.001
	203	Tl	0.035844	44.727	1058.383	ug/L	780.029
	206	Pb	-0.024017	25.132	736.026	ug/L	888.037
	207	Pb	-0.021407	18.386	632.020	ug/L	745.027
>	45	Sc			469218.715	ug/L	467697.114
	47	Ti	0.076244	47.292	698.691	ug/L	647.355
	86	Sr	341.448955	1.668	751243.445	ug/L	151.307
	88	Sr	338.805656	1.564	6399367.572	ug/L	1301.072
>	115	In			983809.155	ug/L	994304.053
	118	Sn	0.000762	587.442	357.341	ug/L	357.341

120	Sn	0.001866	180.111	496.080	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		
	B	10		
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	100.325	
	V	51		
	Cr	52		
	Mn	55		
	Fe	57		
	Co	59		
	NI	60		
	Cu	65		
	Zn	66		
>	Ge-1	72	96.984	
	As	75		
	Se	82		
	Mo	97		
	Ag	107		
	Cd	111		
>	In-1	115	98.944	
	Sb	123		
	Ba	135		
>	Ho-1	165	100.289	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	100.325	
	Cr	53		
	Fe	54		
	Ni	61		
	Cu	63		
	Zn	67		
>	Ge	72	96.984	
	Se	77		
	Mo	98		
	Ag	109		
>	In-2	115	98.944	
	Cd	114		
	Sb	121		
	Ba	137		
>	Ho-2	165	100.289	
	W	182		
	W	183		
	Pt	194		
	Pt	195		
	Tl	203		
	Pb	206		
	Pb	207		
>	Sc	45	100.325	
	Ti	47		
	Sr	86		
	Sr	88		
>	In	115	98.944	
	Sn	118		
	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 6
Sample Date/Time: Thursday, May 24, 2007 17:28:30
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 6.089

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
⌜	9	Be	183.375897	2.067	28366.094	ug/L	3.000
|	10	B	182.525771	0.463	6500.877	ug/L	90.668
|	23	Na	1943.792311	1.018	9268251.491	ug/L	24909.622
|	24	Mg	998.351013	0.684	3233555.683	ug/L	6273.773
|	27	Al	1949.788326	1.454	9065413.272	ug/L	15227.265
|	39	K	1883.805125	1.186	13770875.963	ug/L	707925.205
|	44	Ca	1031.500084	1.732	290319.894	ug/L	48369.900
|>	45	Sc-1			473201.528	ug/L	467697.114
|	51	V	177.636209	0.604	1449674.166	ug/L	-17188.401
|	52	Cr	185.710885	0.921	1313872.649	ug/L	43700.177
|	55	Mn	183.852412	1.510	1919250.225	ug/L	3939.583
|	57	Fe	2051.103415	0.955	391498.478	ug/L	6563.304
|	59	Co	185.277978	0.802	1363017.202	ug/L	70.668
|	60	Ni	183.181960	1.362	293510.079	ug/L	205.004
|	65	Cu	182.032820	0.911	348021.271	ug/L	201.670
⌊	66	Zn	182.215884	1.225	206168.625	ug/L	3569.482
⌈>	72	Ge-1			574440.022	ug/L	592936.498
|	75	As	195.236142	1.016	262859.192	ug/L	-502.888
⌊	82	Se	194.107222	1.864	28164.049	ug/L	-70.642
⌈	97	Mo	190.572221	1.151	343591.702	ug/L	69.001
|	107	Ag	48.484890	1.787	380324.266	ug/L	109.002
|	111	Cd	193.034851	0.747	336247.821	ug/L	35.667
|>	115	In-1			986750.094	ug/L	994304.053
⌊	123	Sb	188.069382	1.646	852555.333	ug/L	235.401
⌈	135	Ba	181.846080	0.851	299119.092	ug/L	183.670
|>	165	Ho-1			1278247.128	ug/L	1276105.159
|	205	Tl	181.873375	2.802	3330744.975	ug/L	1936.818
|	208	Pb	190.567007	1.232	4727504.453	ug/L	3500.871
⌊	238	U	190.516225	2.426	3033961.747	ug/L	35.667
⌈>	45	Sc-2			473201.528	ug/L	467697.114
|	53	Cr	139.233843	3.139	415566.802	ug/L	319041.768
|	54	Fe	2056.924618	0.887	1050427.493	ug/L	42890.999
|	61	Ni	185.839631	1.298	14540.542	ug/L	1069.051
|	63	Cu	183.363047	1.128	688948.643	ug/L	321.674
⌊	67	Zn	167.944677	0.930	54934.972	ug/L	21519.078
⌈>	72	Ge			574440.022	ug/L	592936.498
⌊	77	Se	188.753738	1.528	32792.674	ug/L	13366.987
⌈	98	Mo	191.394200	1.730	887363.419	ug/L	95.062
|	109	Ag	47.319743	2.094	372712.329	ug/L	120.002
|>	115	In-2			986750.094	ug/L	994304.053
|	114	Cd	194.081084	0.689	753313.660	ug/L	53.748
⌊	121	Sb	190.950806	0.637	1121633.907	ug/L	329.340
⌈	137	Ba	185.547471	0.303	515125.801	ug/L	281.339
|>	165	Ho-2			1278247.128	ug/L	1276105.159
|	182	W	185.340296	1.531	1074169.994	ug/L	457.679
|	183	W	184.611591	0.909	588284.960	ug/L	253.338
|	194	Pt	187.503678	1.311	856582.662	ug/L	76.668
|	195	Pt	190.227481	0.627	891009.824	ug/L	48.001
|	203	Tl	181.812973	2.362	1400278.852	ug/L	780.029
|	206	Pb	195.550124	0.459	1256919.582	ug/L	888.037
⌊	207	Pb	190.990191	0.583	1026429.508	ug/L	745.027
⌈>	45	Sc			473201.528	ug/L	467697.114
|	47	Ti	188.639190	0.628	123764.714	ug/L	647.355
|	86	Sr	188.496309	0.614	418358.804	ug/L	151.307
⌊	88	Sr	186.965285	0.918	3562136.322	ug/L	1301.072
⌈>	115	In			986750.094	ug/L	994304.053
|	118	Sn	188.160104	1.154	954636.073	ug/L	357.341

120	Sn	188.611196	0.865	1290498.899	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		91.688
	B	10		91.263
	Na	23		97.190
	Mg	24		98.835
	Al	27		97.489
	K	39		94.190
	Ca	44		103.150
>	Sc-1	45	101.177	
	V	51		88.818
	Cr	52		92.855
	Mn	55		91.526
	Fe	57		102.555
	Co	59		92.839
	Ni	60		91.591
	Cu	65		91.016
	Zn	66		91.108
>	Ge-1	72	96.881	
	As	75		97.518
	Se	82		97.054
	Mo	97		95.286
	Ag	107		96.970
	Cd	111		96.517
>	In-1	115	99.240	
	Sb	123		94.035
	Ba	135		90.923
>	Ho-1	165	100.168	
	Tl	205		90.937
	Pb	208		95.284
	U	238		95.258
>	Sc-2	45	101.177	
	Cr	53		69.817
	Fe	54		102.846
	Ni	61		92.920
	Cu	63		91.682
	Zn	67		83.972
>	Ge	72	96.881	
	Se	77		94.377
	Mo	98		95.697
	Ag	109		94.639
>	In-2	115	99.240	
	Cd	114		97.041
	Sb	121		95.475
	Ba	137		92.774
>	Ho-2	165	100.168	
	W	182		92.670
	W	183		92.306
	Pt	194		93.752
	Pt	195		95.114
	Tl	203		90.906
	Pb	206		97.775
	Pb	207		95.495
>	Sc	45	101.177	
	Ti	47		94.320
	Sr	86		94.248
	Sr	88		93.483
>	In	115	99.240	
	Sn	118		94.080
	Sn	120		94.306

QC Out Of Limits

Analyte	Mass	Out of Limits Message
V	51	Q
Cr	53	Q
Zn	67	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 7
Sample Date/Time: Thursday, May 24, 2007 17:35:06
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 7.090

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
⌈	9	Be	0.013183	49.383	5.000	ug/L	3.000
|	10	B	3.747438	27.278	220.004	ug/L	90.668
|	23	Na	0.208244	31.194	25803.876	ug/L	24909.622
|	24	Mg	-0.001216	1079.708	6249.429	ug/L	6273.773
|	27	Al	-0.458298	9.255	13081.785	ug/L	15227.265
|	39	K	-2.878019	36.250	685968.288	ug/L	707925.205
|	44	Ca	-27.128133	4.959	41958.617	ug/L	48369.900
|>	45	Sc-1			466173.273	ug/L	467697.114
|	51	V	1.292733	27.731	-6611.924	ug/L	-17188.401
|	52	Cr	-1.440806	9.240	33853.086	ug/L	43700.177
|	55	Mn	-0.131647	4.261	2575.591	ug/L	3939.583
|	57	Fe	-2.927371	24.043	6000.640	ug/L	6563.304
|	59	Co	0.004495	30.025	103.001	ug/L	70.668
|	60	Ni	0.001483	146.432	206.670	ug/L	205.004
|	65	Cu	-0.005495	62.521	190.670	ug/L	201.670
⌊	66	Zn	-0.362648	6.958	3160.715	ug/L	3569.482
⌈>	72	Ge-1			580403.247	ug/L	592936.498
|	75	As	0.077553	779.163	-384.296	ug/L	-502.888
⌊	82	Se	0.273900	144.332	-28.943	ug/L	-70.642
⌈	97	Mo	0.088131	40.959	224.671	ug/L	89.001
|	107	Ag	0.005146	23.665	147.002	ug/L	109.002
|	111	Cd	0.009254	47.165	51.001	ug/L	35.667
|>	115	In-1			976990.700	ug/L	994304.053
⌊	123	Sb	0.033777	18.834	382.756	ug/L	235.401
⌈	135	Ba	-0.005908	390.001	173.003	ug/L	183.670
|>	165	Ho-1			1269240.839	ug/L	1276105.159
|	205	Tl	0.306797	41.031	7506.839	ug/L	1936.818
|	208	Pb	-0.014154	48.558	3133.833	ug/L	3500.871
⌊	238	U	0.007659	27.129	156.669	ug/L	35.667
⌈>	45	Sc-2			466173.273	ug/L	467697.114
|	53	Cr	-74.159220	5.185	269327.250	ug/L	319041.768
|	54	Fe	-4.675417	81.816	40496.675	ug/L	42890.999
|	61	Ni	0.749391	38.983	1119.055	ug/L	1069.051
|	63	Cu	-0.003051	109.041	309.340	ug/L	321.674
⌊	67	Zn	-7.460919	4.598	19997.520	ug/L	21519.078
⌈>	72	Ge			580403.247	ug/L	592936.498
⌊	77	Se	-44.252387	9.030	8362.699	ug/L	13366.987
⌈	98	Mo	0.085785	35.396	486.372	ug/L	95.062
|	109	Ag	0.021416	21.191	284.672	ug/L	120.002
|>	115	In-2			976990.700	ug/L	994304.053
|	114	Cd	0.015089	47.866	110.647	ug/L	53.748
⌊	121	Sb	0.026792	38.811	479.013	ug/L	329.340
⌈	137	Ba	-0.002832	128.961	272.005	ug/L	281.339
|>	165	Ho-2			1269240.839	ug/L	1276105.159
|	182	W	0.247211	25.322	1877.812	ug/L	457.679
|	183	W	0.229910	25.442	979.378	ug/L	253.338
|	194	Pt	0.006918	33.202	107.668	ug/L	76.668
|	195	Pt	0.006791	35.949	79.334	ug/L	48.001
|	203	Tl	0.319097	37.291	3216.747	ug/L	780.029
|	206	Pb	-0.011123	84.929	812.365	ug/L	888.037
⌊	207	Pb	-0.014663	44.212	662.689	ug/L	745.027
⌈>	45	Sc			466173.273	ug/L	467697.114
|	47	Ti	-0.155371	3.595	545.349	ug/L	647.355
|	86	Sr	0.003402	81.805	158.243	ug/L	151.307
⌊	88	Sr	0.002569	139.781	1345.077	ug/L	1301.072
⌈>	115	In			976990.700	ug/L	994304.053
|	118	Sn	0.034232	29.169	522.682	ug/L	357.341

120 Sn	0.035592	31.072	720.752	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		1.318
B	10		374.744
Na	23		0.208
Mg	24		-0.001
Al	27		-0.458
K	39		-2.878
Ca	44		-27.126
> Sc-1	45	99.674	
V	51		129.273
Cr	52		-144.081
Mn	55		-13.185
Fe	57		-2.927
Co	59		0.449
Ni	60		0.148
Cu	65		-0.550
Zn	66		-36.265
> Ge-1	72	97.886	
As	75		7.755
Se	82		27.390
Mo	97		8.813
Ag	107		0.515
Cd	111		0.925
> In-1	115	98.259	
Sb	123		3.378
Ba	135		-0.591
> Ho-1	165	99.462	
Tl	205		30.680
Pb	208		-1.415
U	238		0.766
> Sc-2	45	99.674	
Cr	53		-7415.922
Fe	54		-4.675
Ni	61		74.939
Cu	63		-0.305
Zn	67		-746.092
> Ge	72	97.886	
Se	77		-4425.239
Mo	98		8.578
Ag	109		2.142
> In-2	115	98.259	
Cd	114		1.509
Sb	121		2.679
Ba	137		-0.283
> Ho-2	165	99.462	
W	182		24.721
W	183		22.991
Pt	194		0.692
Pt	195		0.679
Tl	203		31.910
Pb	206		-1.112
Pb	207		-1.466
> Sc	45	99.674	
Tl	47		-15.537
Sr	86		0.340
Sr	88		0.257
> In	115	98.259	
Sn	118		3.423
Sn	120		3.559

QC Out Of Limits

Analyte	Mass	Out of Limits Message
B	10	Q
V	51	Q
Cr	52	Q
Cr	53	Q
Zn	67	Q
Se	77	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWN9K
Sample Date/Time: Thursday, May 24, 2007 17:41:43
Autosampler Position: 54
Dataset File: D:\Elandata\Dataset\052407m1\JWN9K.091

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.002488	665.957	3.333	ug/L	3.000
	10	B	194.015287	2.201	6724.650	ug/L	90.668
	23	Na	35259.068094	3.333	163313266.174	ug/L	24909.622
	24	Mg	6694.044458	2.628	21080422.254	ug/L	6273.773
	27	Al	0.591755	6.012	17680.779	ug/L	15227.265
	39	K	963.235308	3.183	7198034.572	ug/L	707925.205
	44	Ca	11607.386460	1.615	2693099.420	ug/L	48369.900
>	45	Sc-1			460904.946	ug/L	467697.114
	51	V	-2.657945	10.832	-38330.623	ug/L	-17188.401
	52	Cr	252.850142	1.744	1726597.910	ug/L	43700.177
	55	Mn	0.972467	1.271	13749.084	ug/L	3939.583
	57	Fe	-25.503915	1.061	1807.041	ug/L	6563.304
	59	Co	0.027092	19.080	264.005	ug/L	70.668
	60	Ni	0.330986	5.399	718.025	ug/L	205.004
	65	Cu	0.123007	19.241	427.344	ug/L	201.670
	66	Zn	0.866191	8.097	4455.073	ug/L	3569.482
>	72	Ge-1			566393.715	ug/L	592936.498
	75	As	2.387820	25.308	2694.536	ug/L	-502.888
	82	Se	0.074303	298.786	-56.850	ug/L	-70.642
	97	Mo	0.284666	3.719	565.684	ug/L	69.001
	107	Ag	0.006869	22.091	157.669	ug/L	109.002
	111	Cd	0.011162	8.671	53.334	ug/L	35.667
>	115	In-1			959770.074	ug/L	994304.053
	123	Sb	0.030724	6.985	362.720	ug/L	235.401
	135	Ba	0.952398	1.953	1731.122	ug/L	183.670
>	165	Ho-1			1264929.626	ug/L	1276105.159
	205	Tl	0.095572	38.471	3648.512	ug/L	1936.818
	208	Pb	-0.016907	7.557	3055.158	ug/L	3500.871
	238	U	0.989022	0.351	15622.695	ug/L	35.667
>	45	Sc-2			460904.946	ug/L	467697.114
	53	Cr	235.426840	4.387	467137.401	ug/L	319041.768
	54	Fe	10.647840	63.650	47360.700	ug/L	42890.999
	61	Ni	2.360413	28.839	1219.731	ug/L	1069.051
	63	Cu	0.299609	2.688	1412.751	ug/L	321.674
	67	Zn	-9.912870	16.022	19298.220	ug/L	21519.078
>	72	Ge			566393.715	ug/L	592936.498
	77	Se	-47.567363	7.393	7838.073	ug/L	13366.987
	98	Mo	0.303937	5.617	1462.301	ug/L	95.062
	109	Ag	0.012588	14.411	212.337	ug/L	120.002
>	115	In-2			959770.074	ug/L	994304.053
	114	Cd	0.013533	28.756	102.879	ug/L	53.748
	121	Sb	0.011406	10.998	383.009	ug/L	329.340
	137	Ba	0.953389	2.910	2896.656	ug/L	281.339
>	165	Ho-2			1264929.626	ug/L	1276105.159
	182	W	0.093811	12.571	991.044	ug/L	457.679
	183	W	0.082849	13.631	512.014	ug/L	253.338
	194	Pt	0.006880	29.718	107.001	ug/L	76.668
	195	Pt	0.007513	22.644	82.334	ug/L	48.001
	203	Tl	0.094726	33.099	1493.761	ug/L	780.029
	206	Pb	-0.011566	42.014	807.031	ug/L	888.037
	207	Pb	-0.016453	4.634	651.021	ug/L	745.027
>	45	Sc			460904.946	ug/L	467697.114
	47	Ti	0.031094	302.446	657.688	ug/L	647.355
	86	Sr	320.579969	1.876	692815.810	ug/L	151.307
	88	Sr	320.547538	1.484	5946992.935	ug/L	1301.072
>	115	In			959770.074	ug/L	994304.053
	118	Sn	0.006593	58.225	377.342	ug/L	357.341

120 Sn	0.007454	34.084	521.193	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		
	B	10		
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.548	
	V	51		
	Cr	52		
	Mn	55		
	Fe	57		
	Co	59		
	Ni	60		
	Cu	65		
	Zn	66		
>	Ge-1	72	95.524	
	As	75		
	Se	82		
	Mo	97		
	Ag	107		
	Cd	111		
>	In-1	115	96.527	
	Sb	123		
	Ba	135		
>	Ho-1	165	99.124	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.548	
	Cr	53		
	Fe	54		
	Ni	61		
	Cu	63		
	Zn	67		
>	Ge	72	95.524	
	Se	77		
	Mo	98		
	Ag	109		
>	In-2	115	96.527	
	Cd	114		
	Sb	121		
	Ba	137		
>	Ho-2	165	99.124	
	W	182		
	W	183		
	Pt	194		
	Pt	195		
	Tl	203		
	Pb	206		
	Pb	207		
>	Sc	45	98.548	
	Tl	47		
	Sr	86		
	Sr	88		
>	In	115	96.527	
	Sn	118		
	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWN9L
Sample Date/Time: Thursday, May 24, 2007 17:47:49
Autosampler Position: 55
Dataset File: D:\Elandata\Dataset\052407m1\JWN9L.092

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
⌜	9	Be	0.017782	120.197	5.667	ug/L	3.000
|	10	B	195.706875	3.597	6842.041	ug/L	90.668
|	23	Na	34930.240490	1.332	163254541.311	ug/L	24909.622
|	24	Mg	6537.159580	1.271	20771154.908	ug/L	6273.773
|	27	Al	-0.671073	4.036	12078.892	ug/L	15227.265
|	39	K	941.108008	2.454	7112300.661	ug/L	707925.205
|	44	Ca	11196.042424	1.897	2622599.748	ug/L	48369.900
|>	45	Sc-1			465017.170	ug/L	467697.114
|	51	V	-3.316793	29.539	-43992.108	ug/L	-17188.401
|	52	Cr	245.393382	0.617	1692059.507	ug/L	43700.177
|	55	Mn	0.705202	1.111	11136.451	ug/L	3939.583
|	57	Fe	-26.636695	8.009	1615.770	ug/L	6563.304
|	59	Co	0.026433	1.937	261.338	ug/L	70.668
|	60	Ni	0.323157	9.570	712.025	ug/L	205.004
|	65	Cu	0.125353	16.423	435.678	ug/L	201.670
⌊	66	Zn	0.748787	6.891	4366.711	ug/L	3569.482
⌜>	72	Ge-1			566942.769	ug/L	592936.498
|	75	As	2.460509	18.613	2794.052	ug/L	-502.888
⌊	82	Se	0.373624	194.140	-13.435	ug/L	-70.642
⌜	97	Mo	0.279636	3.411	557.016	ug/L	69.001
|	107	Ag	0.008970	7.307	173.669	ug/L	109.002
|	111	Cd	0.010169	11.691	51.667	ug/L	35.667
|>	115	In-1			959957.873	ug/L	994304.053
⌊	123	Sb	0.028499	14.055	352.909	ug/L	235.401
⌜	135	Ba	0.873574	0.861	1614.774	ug/L	183.670
|>	165	Ho-1			1274079.694	ug/L	1276105.159
|	205	Tl	0.047875	30.987	2807.973	ug/L	1936.818
|	208	Pb	-0.024090	3.232	2900.144	ug/L	3500.871
⌊	238	U	0.976715	1.634	15539.269	ug/L	35.667
⌜>	45	Sc-2			465017.170	ug/L	467697.114
|	53	Cr	226.022277	4.336	465161.891	ug/L	319041.768
|	54	Fe	8.441164	63.160	46700.276	ug/L	42890.999
|	61	Ni	2.511775	28.135	1241.400	ug/L	1069.051
|	63	Cu	0.288041	3.746	1382.747	ug/L	321.674
⌊	67	Zn	-10.429005	9.010	19370.985	ug/L	21519.078
⌜>	72	Ge			566942.769	ug/L	592936.498
⌊	77	Se	-49.144905	5.253	7681.606	ug/L	13366.987
⌜	98	Mo	0.284902	2.985	1376.731	ug/L	95.062
|	109	Ag	0.012597	32.921	212.337	ug/L	120.002
|>	115	In-2			959957.873	ug/L	994304.053
|	114	Cd	0.012409	6.616	98.746	ug/L	53.748
⌊	121	Sb	0.011911	39.567	386.009	ug/L	329.340
⌜	137	Ba	0.932145	0.808	2858.981	ug/L	281.339
|>	165	Ho-2			1274079.694	ug/L	1276105.159
|	182	W	0.054831	16.700	773.695	ug/L	457.679
|	183	W	0.050601	9.671	413.677	ug/L	253.338
|	194	Pt	0.006031	29.960	104.001	ug/L	76.668
|	195	Pt	0.009299	3.303	91.335	ug/L	48.001
|	203	Tl	0.051170	37.519	1171.727	ug/L	780.029
|	206	Pb	-0.024065	17.914	732.693	ug/L	888.037
⌊	207	Pb	-0.020873	30.532	632.020	ug/L	745.027
⌜>	45	Sc			465017.170	ug/L	467697.114
|	47	Ti	0.041346	175.498	670.356	ug/L	647.355
|	86	Sr	313.429629	1.414	683460.924	ug/L	151.307
⌊	88	Sr	313.667502	0.476	5871930.751	ug/L	1301.072
⌜>	115	In			959957.873	ug/L	994304.053
|	118	Sn	0.000003	42061.117	345.008	ug/L	357.341

120 Sn	0.000797	274.774	477.070	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	99.427	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	95.618	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	96.546	
Sb	123		
Ba	135		
> Ho-1	165	99.841	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	99.427	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	95.616	
Se	77		
Mo	98		
Ag	109		
> In-2	115	96.546	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	99.841	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	99.427	
Ti	47		
Sr	86		
Sr	88		
> In	115	96.546	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWN9T
Sample Date/Time: Thursday, May 24, 2007 17:53:51
Autosampler Position: 56
Dataset File: D:\Elandata\Dataset\052407m1\JWN9T.093

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.020344	89.317	6.000	ug/L	3.000
	10	B	199.683297	2.168	6919.078	ug/L	90.668
	23	Na	35624.674979	1.837	165078862.872	ug/L	24909.622
	24	Mg	6793.571512	1.726	21401933.631	ug/L	6273.773
	27	Al	-0.765765	6.985	11546.448	ug/L	15227.265
	39	K	961.877816	0.871	7191257.320	ug/L	707925.205
	44	Ca	11558.786573	0.455	2682715.871	ug/L	48369.900
>	45	Sc-1			460995.933	ug/L	467697.114
	51	V	-4.024123	18.308	-49368.807	ug/L	-17188.401
	52	Cr	252.861156	2.069	1726933.747	ug/L	43700.177
	55	Mn	0.697663	3.017	10961.981	ug/L	3939.583
	57	Fe	-25.657475	2.936	1779.920	ug/L	6563.304
	59	Co	0.023172	3.952	235.671	ug/L	70.668
	60	Ni	0.367828	3.960	775.695	ug/L	205.004
	65	Cu	0.123209	11.526	428.344	ug/L	201.670
	66	Zn	-0.566442	17.182	2904.324	ug/L	3569.482
>	72	Ge-1			562100.857	ug/L	592936.498
	75	As	2.565822	28.630	2907.931	ug/L	-502.888
	82	Se	0.352307	110.973	-16.978	ug/L	-70.642
	97	Mo	0.266615	5.464	536.682	ug/L	69.001
	107	Ag	0.005817	33.504	150.336	ug/L	109.002
	111	Cd	-0.000733	1172.429	33.334	ug/L	35.667
>	115	In-1			964595.171	ug/L	994304.053
	123	Sb	0.018844	17.765	311.896	ug/L	235.401
	135	Ba	0.929258	2.976	1674.448	ug/L	183.670
>	165	Ho-1			1250644.435	ug/L	1276105.159
	205	Tl	0.027954	65.647	2397.227	ug/L	1936.818
	208	Pb	-0.037820	8.155	2513.445	ug/L	3500.871
	238	U	0.981849	1.959	15333.713	ug/L	35.667
>	45	Sc-2			460995.933	ug/L	467697.114
	53	Cr	244.378903	4.420	473032.392	ug/L	319041.768
	54	Fe	6.803919	84.835	45498.830	ug/L	42890.999
	61	Ni	3.318970	26.329	1287.404	ug/L	1069.051
	63	Cu	0.275232	3.499	1323.741	ug/L	321.674
	67	Zn	-8.099970	19.625	19650.035	ug/L	21519.078
>	72	Ge			562100.857	ug/L	592936.498
	77	Se	-44.445333	0.830	8099.733	ug/L	13366.987
	98	Mo	0.279220	6.429	1357.397	ug/L	95.062
	109	Ag	0.006229	19.689	164.336	ug/L	120.002
>	115	In-2			964595.171	ug/L	994304.053
	114	Cd	0.001924	245.676	59.485	ug/L	53.748
	121	Sb	0.003402	56.481	339.007	ug/L	329.340
	137	Ba	0.957734	1.422	2875.651	ug/L	281.339
>	165	Ho-2			1250644.435	ug/L	1276105.159
	182	W	0.042928	15.587	691.690	ug/L	457.679
	183	W	0.039044	9.620	370.008	ug/L	253.338
	194	Pt	0.008984	90.867	115.335	ug/L	76.668
	195	Pt	0.006322	14.939	76.001	ug/L	48.001
	203	Tl	0.029681	59.473	987.378	ug/L	780.029
	206	Pb	-0.034690	7.633	652.355	ug/L	888.037
	207	Pb	-0.037061	11.745	535.349	ug/L	745.027
>	45	Sc			460995.933	ug/L	467697.114
	47	Ti	-0.000289	17377.248	637.687	ug/L	647.355
	86	Sr	320.540953	2.088	692845.651	ug/L	151.307
	88	Sr	321.123325	1.404	5958814.471	ug/L	1301.072
>	115	In			964595.171	ug/L	994304.053
	118	Sn	-0.008402	29.464	305.006	ug/L	357.341

120 Sn	-0.007733	25.538	422.329	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	98.567	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	94.800	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	97.012	
Sb	123		
Ba	135		
Ho-1	165	98.005	
Tl	205		
Pb	208		
U	238		
Sc-2	45	98.567	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	94.800	
Se	77		
Mo	98		
Ag	109		
In-2	115	97.012	
Cd	114		
Sb	121		
Ba	137		
Ho-2	165	98.005	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	98.567	
Ti	47		
Sr	86		
Sr	88		
In	115	97.012	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW057B
Sample Date/Time: Thursday, May 24, 2007 17:59:54
Autosampler Position: 57
Dataset File: D:\Elandata\Dataset\052407m1\JW057B.094

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.001788	748.067	3.333	ug/L	3.000
	10	B	5.743756	15.665	295.673	ug/L	90.668
	23	Na	4.703976	12.100	47931.270	ug/L	24909.622
	24	Mg	-0.368155	15.333	5196.665	ug/L	6273.773
	27	Al	-0.027150	280.026	15394.780	ug/L	15227.265
	39	K	-4.440891	17.158	690618.741	ug/L	707925.205
	44	Ca	-30.127370	5.076	42202.667	ug/L	48369.900
>	45	Sc-1			476756.961	ug/L	467697.114
	51	V	-1.279069	45.209	-28163.044	ug/L	-17188.401
	52	Cr	0.758494	29.257	49769.759	ug/L	43700.177
	55	Mn	0.005704	79.587	4075.622	ug/L	3939.583
	57	Fe	-0.856892	56.700	6528.172	ug/L	6563.304
	59	Co	0.003953	2.475	101.335	ug/L	70.668
	60	Ni	-0.010499	66.883	192.003	ug/L	205.004
	65	Cu	0.072409	16.787	345.008	ug/L	201.670
	66	Zn	-0.513916	3.408	3063.026	ug/L	3569.482
>	72	Ge-1			593905.884	ug/L	592936.498
	75	As	-0.541134	76.811	-1260.424	ug/L	-502.888
	82	Se	0.066682	433.935	-60.333	ug/L	-70.642
	97	Mo	0.010372	68.307	89.668	ug/L	69.001
	107	Ag	0.002501	48.674	131.335	ug/L	109.002
	111	Cd	-0.003362	168.588	30.334	ug/L	35.667
>	115	In-1			1013702.755	ug/L	994304.053
	123	Sb	0.010104	34.555	287.177	ug/L	235.401
	135	Ba	0.138689	125.339	425.013	ug/L	183.670
>	165	Ho-1			1316369.924	ug/L	1276105.159
	205	Tl	0.040253	38.253	2757.629	ug/L	1936.818
	208	Pb	-0.010588	18.695	3340.521	ug/L	3500.871
	238	U	0.001963	26.247	69.001	ug/L	35.667
>	45	Sc-2			476756.961	ug/L	467697.114
	53	Cr	79.808110	29.572	378764.179	ug/L	319041.768
	54	Fe	69.668138	3.498	78089.942	ug/L	42890.999
	61	Ni	1.171136	87.029	1175.060	ug/L	1069.051
	63	Cu	0.078142	12.883	623.687	ug/L	321.674
	67	Zn	28.113719	26.980	27526.485	ug/L	21519.078
>	72	Ge			593905.884	ug/L	592936.498
	77	Se	-1.585423	566.021	13223.083	ug/L	13366.987
	98	Mo	0.005303	54.170	122.076	ug/L	95.062
	109	Ag	0.005733	33.220	168.669	ug/L	120.002
>	115	In-2			1013702.755	ug/L	994304.053
	114	Cd	-0.001220	177.871	49.866	ug/L	53.748
	121	Sb	0.006787	21.576	376.675	ug/L	329.340
	137	Ba	0.043475	8.219	414.343	ug/L	281.339
>	165	Ho-2			1316369.924	ug/L	1276105.159
	182	W	0.032743	12.786	667.689	ug/L	457.679
	183	W	0.023700	45.563	339.007	ug/L	253.338
	194	Pt	0.004549	72.516	100.335	ug/L	76.668
	195	Pt	0.001821	43.405	58.334	ug/L	48.001
	203	Tl	0.046439	33.891	1173.060	ug/L	780.029
	206	Pb	-0.010341	90.559	847.034	ug/L	888.037
	207	Pb	-0.009878	28.212	714.025	ug/L	745.027
>	45	Sc			476756.961	ug/L	467697.114
	47	Ti	0.022088	150.342	674.356	ug/L	647.355
	86	Sr	0.024767	96.145	209.738	ug/L	151.307
	88	Sr	-0.001839	73.351	1291.071	ug/L	1301.072
>	115	In			1013702.755	ug/L	994304.053
	118	Sn	0.112276	8.084	949.374	ug/L	357.341

120 Sn	0.103277	0.290	1223.836	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	101.937	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	100.163	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	101.951	
Sb	123		
Ba	135		
Ho-1	165	103.155	
Tl	205		
Pb	208		
U	238		
Sc-2	45	101.937	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	100.163	
Se	77		
Mo	98		
Ag	109		
In-2	115	101.951	
Cd	114		
Sb	121		
Ba	137		
Ho-2	165	103.155	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	101.937	
Ti	47		
Sr	86		
Sr	88		
In	115	101.951	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW057C
Sample Date/Time: Thursday, May 24, 2007 18:05:57
Autosampler Position: 58
Dataset File: D:\Elandata\Dataset\052407m1\JW057C.095

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	448.323239	0.839	70492.557	ug/L	3.000
	10	B	928.479136	2.903	33227.268	ug/L	90.668
	23	Na	9875.186192	3.711	47745238.964	ug/L	24909.622
	24	Mg	9808.755049	4.051	32225446.313	ug/L	6273.773
	27	Al	488.684735	3.168	2320790.175	ug/L	15227.265
	39	K	9559.932424	3.223	68054563.881	ug/L	707925.205
	44	Ca	9715.285137	1.618	2360582.614	ug/L	48369.900
>	45	Sc-1			481063.674	ug/L	467697.114
	51	V	433.023943	1.946	3617240.450	ug/L	-17188.401
	52	Cr	444.994256	2.676	3136842.012	ug/L	43700.177
	55	Mn	455.303941	2.469	4824967.318	ug/L	3939.583
	57	Fe	482.030057	0.910	98701.985	ug/L	6563.304
	59	Co	437.597310	2.007	3271877.668	ug/L	70.668
	60	Ni	430.787795	1.266	701355.534	ug/L	205.004
	65	Cu	427.058418	1.624	829593.011	ug/L	201.670
	66	Zn	406.494490	1.937	462942.893	ug/L	3569.482
>	72	Ge-1			568613.857	ug/L	592936.498
	75	As	481.824020	0.782	642828.231	ug/L	-502.888
	82	Se	451.937745	1.021	65007.034	ug/L	-70.642
	97	Mo	476.337566	1.018	886178.584	ug/L	69.001
	107	Ag	121.054713	1.348	979798.453	ug/L	109.002
	111	Cd	453.020762	1.326	814265.201	ug/L	35.667
>	115	In-1			1018334.559	ug/L	994304.053
	123	Sb	436.774680	0.916	2043047.708	ug/L	235.401
	135	Ba	431.002975	0.321	724668.903	ug/L	183.670
>	165	Ho-1			1307015.782	ug/L	1276105.159
	205	Tl	460.784336	2.344	8625615.956	ug/L	1936.818
	208	Pb	463.491538	1.053	11751834.990	ug/L	3500.871
	238	U	946.490920	1.989	15411955.257	ug/L	35.667
>	45	Sc-2			481063.674	ug/L	467697.114
	53	Cr	552.825390	3.875	702433.381	ug/L	319041.768
	54	Fe	590.643354	1.760	338057.222	ug/L	42890.999
	61	Ni	445.044933	1.192	33863.098	ug/L	1069.051
	63	Cu	421.242875	1.413	1608462.105	ug/L	321.674
	67	Zn	432.476978	4.412	108908.080	ug/L	21519.078
>	72	Ge			568613.857	ug/L	592936.498
	77	Se	420.295372	3.796	56540.998	ug/L	13366.987
	98	Mo	457.789572	2.407	2190167.149	ug/L	95.082
	109	Ag	124.008722	1.197	1007904.627	ug/L	120.002
>	115	In-2			1018334.559	ug/L	994304.053
	114	Cd	447.481452	0.575	1792356.860	ug/L	53.748
	121	Sb	457.068625	1.089	2770098.224	ug/L	329.340
	137	Ba	431.379369	0.215	1224208.268	ug/L	281.339
>	165	Ho-2			1307015.782	ug/L	1276105.159
	182	W	911.670594	1.973	5400513.941	ug/L	457.679
	183	W	898.590797	2.662	2926453.901	ug/L	253.338
	194	Pt	861.004287	2.830	4021389.093	ug/L	76.668
	195	Pt	884.303472	2.402	4234763.485	ug/L	48.001
	203	Tl	452.544174	2.915	3562662.541	ug/L	780.029
	206	Pb	457.166296	1.453	3003119.050	ug/L	888.037
	207	Pb	472.099405	0.936	2593051.760	ug/L	745.027
>	45	Sc			481063.674	ug/L	467697.114
	47	Ti	904.645327	1.541	600760.781	ug/L	647.355
	86	Sr	451.978554	1.726	1019391.830	ug/L	151.307
	88	Sr	460.652110	1.809	8918769.338	ug/L	1301.072
>	115	In			1018334.559	ug/L	994304.053
	118	Sn	881.151447	1.093	4612328.930	ug/L	357.341

120 Sn	908.441426	0.597	6412617.704	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	102.858	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	95.898	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	102.417	
Sb	123		
Ba	135		
Ho-1	165	102.422	
Tl	205		
Pb	208		
U	238		
Sc-2	45	102.858	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	95.898	
Se	77		
Mo	98		
Ag	109		
In-2	115	102.417	
Cd	114		
Sb	121		
Ba	137		
Ho-2	165	102.422	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	102.858	
Tl	47		
Sr	86		
Sr	88		
In	115	102.417	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0G7
Sample Date/Time: Thursday, May 24, 2007 18:12:01
Autosampler Position: 59
Dataset File: D:\Elandata\Dataset\052407m1\JW0G7.096

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
⌈	9	Be	0.020147	66.472	6.000	ug/L	3.000
|	10	B	203.254428	3.562	7056.148	ug/L	90.668
|	23	Na	18198.524544	1.892	84495643.263	ug/L	24909.622
|	24	Mg	726.352733	2.612	2298153.903	ug/L	6273.773
|	27	Al	0.171004	12.034	15812.905	ug/L	15227.265
|	39	K	372.219663	0.869	3216958.032	ug/L	707925.205
|	44	Ca	911.612406	0.700	255996.879	ug/L	48369.900
\>	45	Sc-1			461894.962	ug/L	467697.114
|	51	V	3.124485	17.849	8220.525	ug/L	-17188.401
|	52	Cr	44.089280	1.684	337370.857	ug/L	43700.177
|	55	Mn	0.130498	2.630	5217.672	ug/L	3939.583
|	57	Fe	-6.362727	9.262	5316.369	ug/L	6563.304
|	59	Co	0.013022	39.289	163.336	ug/L	70.668
|	60	Ni	0.047930	20.916	277.339	ug/L	205.004
|	65	Cu	0.097521	14.420	381.009	ug/L	201.670
⌊	66	Zn	-0.208289	36.699	3299.081	ug/L	3569.482
⌈\>	72	Ge-1			568597.874	ug/L	592936.498
|	75	As	5.005264	3.231	6202.701	ug/L	-502.888
⌊	82	Se	0.242065	99.769	-32.613	ug/L	-70.642
⌈	97	Mo	0.540791	5.426	1020.380	ug/L	69.001
|	107	Ag	0.005716	70.635	149.669	ug/L	109.002
|	111	Cd	0.034656	37.434	93.668	ug/L	35.667
\>	115	In-1			964941.911	ug/L	994304.053
⌊	123	Sb	0.033994	17.643	379.163	ug/L	235.401
⌈	135	Ba	0.203138	11.368	515.681	ug/L	183.670
\>	165	Ho-1			1273158.609	ug/L	1276105.159
|	205	Tl	0.647731	40.858	13788.716	ug/L	1936.818
|	208	Pb	-0.002314	342.298	3437.530	ug/L	3500.871
⌊	238	U	0.290513	1.970	4644.802	ug/L	35.667
⌈\>	45	Sc-2			461894.962	ug/L	467697.114
|	53	Cr	-47.595031	6.182	284126.145	ug/L	319041.768
|	54	Fe	-4.240381	125.733	40335.870	ug/L	42890.999
|	61	Ni	-0.557350	59.002	1016.380	ug/L	1069.051
|	63	Cu	0.152666	8.197	877.369	ug/L	321.674
⌊	67	Zn	-7.701150	9.518	19767.531	ug/L	21519.078
⌈\>	72	Ge			568597.874	ug/L	592936.498
⌊	77	Se	-70.603286	0.833	5472.003	ug/L	13366.987
⌈	98	Mo	0.523602	7.446	2466.452	ug/L	95.062
|	109	Ag	0.032131	23.361	364.008	ug/L	120.002
\>	115	In-2			964941.911	ug/L	994304.053
|	114	Cd	0.039588	28.000	202.500	ug/L	53.748
⌊	121	Sb	0.027099	40.585	475.346	ug/L	329.340
⌈	137	Ba	0.208652	3.243	857.368	ug/L	281.339
\>	165	Ho-2			1273158.609	ug/L	1276105.159
|	182	W	0.553440	24.655	3657.855	ug/L	457.679
|	183	W	0.552323	20.261	2008.498	ug/L	253.338
|	194	Pt	0.020346	70.577	169.669	ug/L	76.668
|	195	Pt	0.021031	35.566	146.336	ug/L	48.001
|	203	Tl	0.642825	38.885	5725.632	ug/L	780.029
|	206	Pb	0.000831	1439.224	892.037	ug/L	888.037
⌊	207	Pb	-0.002940	321.999	728.026	ug/L	745.027
⌈\>	45	Sc			461894.962	ug/L	467697.114
|	47	Ti	-0.033660	258.935	618.020	ug/L	647.355
|	86	Sr	24.089598	0.539	52318.625	ug/L	151.307
⌊	88	Sr	24.070044	1.081	448747.073	ug/L	1301.072
⌈\>	115	In			964941.911	ug/L	994304.053
|	118	Sn	0.066607	34.259	677.356	ug/L	357.341

120 Sn	0.066978	23.973	922.370	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	98.759	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	95.895	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	97.047	
Sb	123		
Ba	135		
> Ho-1	165	99.769	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	98.759	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	95.895	
Se	77		
Mo	98		
Ag	109		
> In-2	115	97.047	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	99.769	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	98.759	
Tl	47		
Sr	86		
Sr	88		
> In	115	97.047	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0G7S
Sample Date/Time: Thursday, May 24, 2007 18:18:05
Autosampler Position: 60
Dataset File: D:\Elandata\Dataset\052407m1\JW0G7S.097

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.474352	17.139	70.668	ug/L	3.000
	10	B	222.596304	2.334	7318.616	ug/L	90.668
	23	Na	18863.810497	2.927	82993056.935	ug/L	24909.622
	24	Mg	1227.296016	1.980	3675722.886	ug/L	6273.773
	27	Al	19.570659	2.081	98279.226	ug/L	15227.265
	39	K	866.122192	3.119	6214151.972	ug/L	707925.205
	44	Ca	1447.515293	1.086	358659.212	ug/L	48369.900
>	45	Sc-1			437835.966	ug/L	467697.114
	51	V	7.154592	3.873	38581.261	ug/L	-17188.401
	52	Cr	47.777474	1.939	343049.285	ug/L	43700.177
	55	Mn	5.077405	1.887	52614.908	ug/L	3939.583
	57	Fe	5.749052	19.744	7140.286	ug/L	6563.304
	59	Co	4.908536	0.414	33473.850	ug/L	70.668
	60	Ni	4.760612	1.697	7244.243	ug/L	205.004
	65	Cu	2.501870	0.918	4612.458	ug/L	201.670
	66	Zn	4.177702	4.006	7636.117	ug/L	3569.482
>	72	Ge-1			540538.034	ug/L	592936.498
	75	As	25.973405	2.858	32504.509	ug/L	-502.888
	82	Se	18.108042	3.980	2414.317	ug/L	-70.642
	97	Mo	10.138667	1.195	17264.266	ug/L	69.001
	107	Ag	0.564232	2.147	4266.013	ug/L	109.002
	111	Cd	0.535421	4.546	911.038	ug/L	35.667
>	115	In-1			928676.587	ug/L	994304.053
	123	Sb	4.804351	1.280	20710.483	ug/L	235.401
	135	Ba	18.647472	2.713	29126.290	ug/L	183.670
>	165	Ho-1			1207871.771	ug/L	1276105.159
	205	Tl	19.341065	3.219	336218.860	ug/L	1936.818
	208	Pb	4.922938	1.334	118608.867	ug/L	3500.871
	238	U	20.090249	2.534	302238.377	ug/L	35.667
>	45	Sc-2			437835.966	ug/L	467697.114
	53	Cr	-19.308446	72.767	286632.578	ug/L	319041.768
	54	Fe	11.404679	52.485	45353.772	ug/L	42890.999
	61	Ni	4.902215	18.536	1330.075	ug/L	1069.051
	63	Cu	2.542867	1.616	9135.011	ug/L	321.674
	67	Zn	-0.328365	728.157	20078.301	ug/L	21519.078
>	72	Ge			540538.034	ug/L	592936.498
	77	Se	-39.901957	6.649	8235.618	ug/L	13366.987
	98	Mo	10.210015	0.911	44634.229	ug/L	95.062
	109	Ag	0.782475	0.639	5911.616	ug/L	120.002
>	115	In-2			928676.587	ug/L	994304.053
	114	Cd	0.520008	4.515	1948.844	ug/L	53.748
	121	Sb	4.950930	2.124	27668.721	ug/L	329.340
	137	Ba	19.216296	0.571	50645.496	ug/L	281.339
>	165	Ho-2			1207871.771	ug/L	1276105.159
	182	W	20.068355	2.333	110247.571	ug/L	457.679
	183	W	19.432878	1.278	58716.706	ug/L	253.338
	194	Pt	19.969293	1.760	86242.438	ug/L	76.668
	195	Pt	20.052992	1.864	88763.831	ug/L	48.001
	203	Tl	19.123470	3.398	139769.992	ug/L	780.029
	206	Pb	4.897058	1.186	30562.654	ug/L	888.037
	207	Pb	4.946071	3.141	25789.182	ug/L	745.027
>	45	Sc			437835.966	ug/L	467697.114
	47	Ti	19.287083	1.358	12250.707	ug/L	647.355
	86	Sr	33.699325	0.930	69310.807	ug/L	151.307
	88	Sr	33.911476	0.769	598742.024	ug/L	1301.072
>	115	In			928676.587	ug/L	994304.053
	118	Sn	19.759975	0.966	94655.904	ug/L	357.341

L	120 Sn	19.928399	0.646	128742.915	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
⌈	Be	9		
|	B	10		
|	Na	23		
|	Mg	24		
|	Al	27		
|	K	39		
|	Ca	44		
|>	Sc-1	45	93.615	
|	V	51		
|	Cr	52		
|	Mn	55		
|	Fe	57		
|	Co	59		
|	Ni	60		
|	Cu	65		
L	Zn	66		
⌈>	Ge-1	72	91.163	
|	As	75		
L	Se	82		
⌈	Mo	97		
|	Ag	107		
|	Cd	111		
|>	In-1	115	93.400	
L	Sb	123		
⌈	Ba	135		
|>	Ho-1	165	94.653	
|	Tl	205		
|	Pb	208		
L	U	238		
⌈>	Sc-2	45	93.615	
|	Cr	53		
|	Fe	54		
|	Ni	61		
|	Cu	63		
L	Zn	67		
⌈>	Ge	72	91.163	
L	Se	77		
⌈	Mo	98		
|	Ag	109		
|>	In-2	115	93.400	
|	Cd	114		
L	Sb	121		
⌈	Ba	137		
|>	Ho-2	165	94.653	
|	W	182		
|	W	183		
|	Pt	194		
|	Pt	195		
|	Tl	203		
|	Pb	206		
L	Pb	207		
⌈>	Sc	45	93.615	
|	Tl	47		
|	Sr	86		
L	Sr	88		
⌈>	In	115	93.400	
|	Sn	118		
L	Sn	120		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0G7D
Sample Date/Time: Thursday, May 24, 2007 18:24:09
Autosampler Position: 61
Dataset File: D:\Elandata\Dataset\052407m1\JW0G7D.098

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.433667	10.587	66.667	ug/L	3.000
	10	B	214.085008	0.734	7240.907	ug/L	90.668
	23	Na	18703.464741	3.147	84636968.015	ug/L	24909.622
	24	Mg	1232.267448	2.445	3795844.355	ug/L	6273.773
	27	Al	20.046047	1.882	103188.369	ug/L	15227.265
	39	K	868.744433	1.715	6409711.591	ug/L	707925.205
	44	Ca	1444.601056	1.701	368210.607	ug/L	48368.900
>	45	Sc-1			450282.248	ug/L	467697.114
	51	V	7.560358	8.939	42902.532	ug/L	-17188.401
	52	Cr	47.839556	1.585	353265.124	ug/L	43700.177
	55	Mn	5.052761	1.997	53875.613	ug/L	3939.583
	57	Fe	5.104913	12.722	7229.666	ug/L	6563.304
	59	Co	4.966897	1.201	34833.097	ug/L	70.668
	60	Ni	4.833311	1.770	7562.411	ug/L	205.004
	65	Cu	2.488047	1.551	4717.493	ug/L	201.670
	66	Zn	4.211281	1.082	7890.924	ug/L	3569.482
>	72	Ge-1			551751.502	ug/L	592936.498
	75	As	25.601275	1.567	32701.456	ug/L	-502.888
	82	Se	17.405226	3.920	2365.584	ug/L	-70.642
	97	Mo	10.434677	2.606	17823.293	ug/L	69.001
	107	Ag	0.573505	0.977	4348.705	ug/L	109.002
	111	Cd	0.522638	4.876	893.037	ug/L	35.667
>	115	In-1			931663.728	ug/L	994304.053
	123	Sb	5.036260	0.883	21771.790	ug/L	235.401
	135	Ba	19.247173	1.070	30498.159	ug/L	183.670
>	165	Ho-1			1225078.846	ug/L	1276105.159
	205	Tl	19.311266	2.871	340556.300	ug/L	1936.818
	208	Pb	4.950724	2.181	120963.210	ug/L	3500.871
	238	U	20.558831	2.611	313778.597	ug/L	35.667
>	45	Sc-2			450282.248	ug/L	467697.114
	53	Cr	-23.385216	28.365	292306.833	ug/L	319041.768
	54	Fe	8.419908	56.912	45232.583	ug/L	42890.999
	61	Ni	4.353970	6.052	1329.409	ug/L	1069.051
	63	Cu	2.552835	1.549	9431.540	ug/L	321.674
	67	Zn	-0.842690	161.121	20557.653	ug/L	21519.078
>	72	Ge			551751.502	ug/L	592936.498
	77	Se	-35.610893	7.405	8841.141	ug/L	13366.987
	98	Mo	10.480352	1.419	45962.991	ug/L	95.062
	109	Ag	0.769928	3.281	5837.585	ug/L	120.002
>	115	In-2			931663.728	ug/L	994304.053
	114	Cd	0.525457	4.441	1975.760	ug/L	53.748
	121	Sb	5.115739	0.006	28673.033	ug/L	329.340
	137	Ba	19.845392	1.114	53044.850	ug/L	281.339
>	165	Ho-2			1225078.846	ug/L	1276105.159
	182	W	20.244338	1.504	112837.725	ug/L	457.679
	183	W	19.878291	1.188	60920.564	ug/L	253.338
	194	Pt	19.904083	1.477	87205.237	ug/L	76.668
	195	Pt	20.129585	1.313	90396.348	ug/L	48.001
	203	Tl	19.258079	3.709	142779.919	ug/L	780.029
	206	Pb	4.921749	2.303	31143.557	ug/L	888.037
	207	Pb	4.947793	1.483	26177.892	ug/L	745.027
>	45	Sc			450282.248	ug/L	467697.114
	47	Ti	19.574866	0.700	12779.175	ug/L	647.355
	86	Sr	33.979739	1.635	71876.183	ug/L	151.307
	88	Sr	34.171963	1.739	620487.956	ug/L	1301.072
>	115	In			931663.728	ug/L	994304.053
	118	Sn	20.247850	0.458	97294.496	ug/L	357.341

120	Sn	20.570360	0.388	133293.652	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		
	B	10		
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	96.276	
	V	51		
	Cr	52		
	Mn	55		
	Fe	57		
	Co	59		
	Ni	60		
	Cu	65		
	Zn	66		
>	Ge-1	72	93.054	
	As	75		
	Se	82		
	Mo	97		
	Ag	107		
	Cd	111		
>	In-1	115	93.700	
	Sb	123		
	Ba	135		
>	Ho-1	165	96.001	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	96.276	
	Cr	53		
	Fe	54		
	Ni	61		
	Cu	63		
	Zn	67		
>	Ge	72	93.054	
	Se	77		
	Mo	98		
	Ag	109		
>	In-2	115	93.700	
	Cd	114		
	Sb	121		
	Ba	137		
>	Ho-2	165	96.001	
	W	182		
	W	183		
	Pt	194		
	Pt	195		
	Tl	203		
	Pb	206		
	Pb	207		
>	Sc	45	96.276	
	Tl	47		
	Sr	86		
	Sr	88		
>	In	115	93.700	
	Sn	118		
	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0G7V
Sample Date/Time: Thursday, May 24, 2007 18:30:14
Autosampler Position: 62
Dataset File: D:\Elandata\Dataset\052407m1\JW0G7V.099

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.003273	493.026	3.333	ug/L	3.000
	10	B	47.399334	9.603	1660.447	ug/L	90.668
	23	Na	3735.645444	1.141	16831258.716	ug/L	24909.622
	24	Mg	156.627290	1.124	485006.940	ug/L	6273.773
	27	Al	-1.047119	4.074	9976.583	ug/L	15227.265
	39	K	71.665345	3.055	1147621.072	ug/L	707925.205
	44	Ca	171.295127	1.607	84220.705	ug/L	48369.900
>	45	Sc-1			447692.741	ug/L	467697.114
	51	V	1.132873	81.804	-7591.121	ug/L	-17188.401
	52	Cr	8.638075	0.256	97702.964	ug/L	43700.177
	55	Mn	-0.092227	9.271	2861.649	ug/L	3939.583
	57	Fe	-3.435812	28.016	5671.654	ug/L	6563.304
	59	Co	-0.000094	1958.363	67.001	ug/L	70.668
	60	Ni	-0.010869	130.554	179.670	ug/L	205.004
	65	Cu	-0.018488	28.470	159.669	ug/L	201.670
	66	Zn	-0.991687	1.914	2373.888	ug/L	3569.482
>	72	Ge-1			554506.700	ug/L	592936.498
	75	As	1.484553	34.893	1464.118	ug/L	-502.888
	82	Se	0.105596	301.650	-51.176	ug/L	-70.642
	97	Mo	0.098759	8.463	241.338	ug/L	69.001
	107	Ag	0.000055	3013.956	106.335	ug/L	109.002
	111	Cd	0.000022	6401.032	34.667	ug/L	35.667
>	115	In-1			965531.174	ug/L	994304.053
	123	Sb	0.007656	55.087	262.388	ug/L	235.401
	135	Ba	0.037231	25.558	237.671	ug/L	183.670
>	165	Ho-1			1238894.578	ug/L	1276105.159
	205	Tl	0.160434	34.734	4723.850	ug/L	1936.818
	208	Pb	-0.027828	14.874	2729.795	ug/L	3500.871
	238	U	0.054166	4.261	870.702	ug/L	35.667
>	45	Sc-2			447692.741	ug/L	467697.114
	53	Cr	-57.065875	3.845	269416.519	ug/L	319041.768
	54	Fe	-0.977264	755.485	40579.505	ug/L	42890.999
	61	Ni	-0.534890	113.860	986.711	ug/L	1069.051
	63	Cu	-0.006248	85.474	285.672	ug/L	321.674
	67	Zn	-7.440985	21.506	19206.428	ug/L	21519.078
>	72	Ge			554506.700	ug/L	592936.498
	77	Se	-44.464738	3.293	7988.498	ug/L	13366.987
	98	Mo	0.101768	7.295	553.667	ug/L	95.062
	109	Ag	0.001988	101.583	132.002	ug/L	120.002
>	115	In-2			965531.174	ug/L	994304.053
	114	Cd	0.003254	16.704	64.545	ug/L	53.748
	121	Sb	-0.001596	546.489	310.340	ug/L	329.340
	137	Ba	0.027561	34.887	347.341	ug/L	281.339
>	165	Ho-2			1238894.578	ug/L	1276105.159
	182	W	0.107252	9.637	1046.382	ug/L	457.679
	183	W	0.102194	10.312	561.350	ug/L	253.338
	194	Pt	-0.000917	273.320	70.334	ug/L	76.668
	195	Pt	0.002298	151.741	57.001	ug/L	48.001
	203	Tl	0.165338	30.840	1989.828	ug/L	780.029
	206	Pb	-0.024372	12.946	710.358	ug/L	888.037
	207	Pb	-0.024377	15.785	596.352	ug/L	745.027
>	45	Sc			447692.741	ug/L	467697.114
	47	Ti	-0.085342	89.873	567.017	ug/L	647.355
	86	Sr	5.083545	1.260	10814.716	ug/L	151.307
	88	Sr	5.092173	1.001	92993.954	ug/L	1301.072
>	115	In			965531.174	ug/L	994304.053
	118	Sn	0.006191	127.185	377.342	ug/L	357.341

120 Sn	0.007925	83.125	527.142	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	95.723	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	93.519	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	97.106	
Sb	123		
Ba	135		
> Ho-1	165	97.084	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	95.723	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	93.519	
Se	77		
Mo	98		
Ag	109		
> In-2	115	97.106	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	97.084	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	95.723	
Tl	47		
Sr	86		
Sr	88		
> In	115	97.106	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0G9
Sample Date/Time: Thursday, May 24, 2007 18:36:20
Autosampler Position: 63
Dataset File: D:\Elandata\Dataset\052407m1\JW0G9.100

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.002918	705.634	3.333	ug/L	3.000
	10	B	208.173080	1.107	7065.818	ug/L	90.668
	23	Na	19057.180285	3.172	86528293.683	ug/L	24909.622
	24	Mg	785.182206	2.942	2428909.735	ug/L	6273.773
	27	Al	0.325183	28.308	16148.622	ug/L	15227.265
	39	K	398.277810	2.808	3318383.119	ug/L	707925.205
	44	Ca	1004.503334	2.212	271091.602	ug/L	48369.900
>	45	Sc-1			451720.642	ug/L	467697.114
	51	V	3.698833	17.532	12565.851	ug/L	-17188.401
	52	Cr	62.510333	0.925	450159.766	ug/L	43700.177
	55	Mn	3.464905	0.921	38261.553	ug/L	3939.583
	57	Fe	126.231674	1.245	28949.351	ug/L	6563.304
	59	Co	0.014964	6.381	173.336	ug/L	70.668
	60	Ni	0.068479	13.703	302.673	ug/L	205.004
	65	Cu	0.084741	16.454	349.341	ug/L	201.670
	66	Zn	-0.460109	5.602	2959.336	ug/L	3569.482
>	72	Ge-1			553859.372	ug/L	592936.498
	75	As	6.557336	6.375	8058.604	ug/L	-502.888
	82	Se	0.191672	127.106	-38.910	ug/L	-70.642
	97	Mo	0.471033	3.509	887.370	ug/L	69.001
	107	Ag	0.004097	18.616	135.669	ug/L	109.002
	111	Cd	0.002496	298.212	38.334	ug/L	35.667
>	115	In-1			954521.493	ug/L	994304.053
	123	Sb	0.006924	49.191	256.371	ug/L	235.401
	135	Ba	0.263495	2.830	599.685	ug/L	183.670
>	165	Ho-1			1242112.776	ug/L	1276105.159
	205	Tl	0.075596	27.523	3229.400	ug/L	1936.818
	208	Pb	-0.030571	15.663	2670.792	ug/L	3500.871
	238	U	0.299434	1.374	4668.810	ug/L	35.667
>	45	Sc-2			451720.642	ug/L	467697.114
	53	Cr	3.860911	72.804	310592.158	ug/L	319041.768
	54	Fe	130.720343	6.207	102517.057	ug/L	42890.999
	61	Ni	-0.308637	166.675	1011.046	ug/L	1069.051
	63	Cu	0.140778	0.415	815.365	ug/L	321.674
	67	Zn	-6.680874	20.870	19523.527	ug/L	21519.078
>	72	Ge			553859.372	ug/L	592936.498
	77	Se	-49.958643	5.552	7421.671	ug/L	13366.987
	98	Mo	0.460515	4.140	2155.842	ug/L	95.062
	109	Ag	0.004256	29.095	147.669	ug/L	120.002
>	115	In-2			954521.493	ug/L	994304.053
	114	Cd	0.004210	70.268	67.478	ug/L	53.748
	121	Sb	0.004309	39.505	340.674	ug/L	329.340
	137	Ba	0.280611	3.873	1030.381	ug/L	281.339
>	165	Ho-2			1242112.776	ug/L	1276105.159
	182	W	0.126651	6.061	1158.392	ug/L	457.679
	183	W	0.126913	5.410	639.354	ug/L	253.338
	194	Pt	-0.002550	109.576	63.334	ug/L	76.668
	195	Pt	0.000943	133.650	51.001	ug/L	48.001
	203	Tl	0.079474	29.559	1353.412	ug/L	780.029
	206	Pb	-0.030428	19.794	674.356	ug/L	888.037
	207	Pb	-0.028692	20.094	575.351	ug/L	745.027
>	45	Sc			451720.642	ug/L	467697.114
	47	Ti	0.074464	38.404	671.689	ug/L	647.355
	86	Sr	25.893932	0.838	54984.990	ug/L	151.307
	88	Sr	25.927944	1.486	472625.343	ug/L	1301.072
>	115	In			954521.493	ug/L	994304.053
	118	Sn	0.002455	117.081	355.008	ug/L	357.341

L	120 Sn	-0.003010	149.555	449.365	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		
	B	10		
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	96.584	
	V	51		
	Cr	52		
	Mn	55		
	Fe	57		
	Co	59		
	Ni	60		
	Cu	65		
	Zn	66		
>	Ge-1	72	93.410	
	As	75		
	Se	82		
	Mo	97		
	Ag	107		
	Cd	111		
>	In-1	115	95.999	
	Sb	123		
	Ba	135		
>	Ho-1	165	97.336	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	96.584	
	Cr	53		
	Fe	54		
	Ni	61		
	Cu	63		
	Zn	67		
>	Ge	72	93.410	
	Se	77		
	Mo	98		
	Ag	109		
>	In-2	115	95.999	
	Cd	114		
	Sb	121		
	Ba	137		
>	Ho-2	165	97.336	
	W	182		
	W	183		
	Pt	194		
	Pt	195		
	Tl	203		
	Pb	206		
	Pb	207		
>	Sc	45	96.584	
	Ti	47		
	Sr	86		
	Sr	88		
>	In	115	95.999	
	Sn	118		
	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 6
Sample Date/Time: Thursday, May 24, 2007 18:42:28
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 6.101

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	189.151971	1.353	28799.626	ug/L	3.000
	10	B	189.589552	1.829	6642.944	ug/L	90.668
	23	Na	1909.437214	2.638	8961621.665	ug/L	24909.622
	24	Mg	988.579521	1.639	3151647.335	ug/L	6273.773
	27	Al	1950.308088	0.994	8925796.637	ug/L	15227.265
	39	K	1876.421268	1.551	13504201.099	ug/L	707925.205
	44	Ca	1042.205410	1.501	288237.419	ug/L	48369.900
>	45	Sc-1			465773.588	ug/L	467697.114
	51	V	178.341912	2.349	1432593.172	ug/L	-17188.401
	52	Cr	186.581185	1.068	1299077.394	ug/L	43700.177
	55	Mn	182.799904	0.337	1878377.373	ug/L	3939.583
	57	Fe	2055.708950	0.748	386209.931	ug/L	6563.304
	59	Co	185.114067	0.493	1340439.659	ug/L	70.668
	60	Ni	182.111438	0.381	287216.032	ug/L	205.004
	65	Cu	183.233711	0.179	344811.815	ug/L	201.670
	66	Zn	183.918182	0.261	204789.787	ug/L	3569.482
>	72	Ge-1			561387.044	ug/L	592936.498
	75	As	193.891159	0.896	255110.363	ug/L	-502.888
	82	Se	193.331246	0.797	27417.292	ug/L	-70.642
	97	Mo	192.477882	0.809	338038.721	ug/L	69.001
	107	Ag	48.900085	2.449	373629.502	ug/L	109.002
	111	Cd	195.151730	1.034	331132.932	ug/L	35.667
>	115	In-1			961186.325	ug/L	994304.053
	123	Sb	192.819456	0.979	851511.513	ug/L	235.401
	135	Ba	183.182738	1.009	297464.501	ug/L	183.670
>	165	Ho-1			1261875.807	ug/L	1276105.159
	205	Tl	183.073529	1.834	3310186.925	ug/L	1936.818
	208	Pb	189.525165	1.420	4641596.839	ug/L	3500.871
	238	U	192.134604	2.224	3020844.140	ug/L	35.667
>	45	Sc-2			465773.588	ug/L	467697.114
	53	Cr	126.176226	2.827	400477.614	ug/L	319041.768
	54	Fe	2008.007638	1.598	1010407.367	ug/L	42890.999
	61	Ni	181.770405	1.151	14022.353	ug/L	1069.051
	63	Cu	183.930808	0.189	680224.078	ug/L	321.674
	67	Zn	167.786562	1.787	54041.234	ug/L	21519.078
>	72	Ge			561387.044	ug/L	592936.498
	77	Se	170.323105	2.361	30154.413	ug/L	13366.987
	98	Mo	193.569328	0.341	874250.632	ug/L	95.062
	109	Ag	47.849808	1.250	367136.815	ug/L	120.002
>	115	In-2			961186.325	ug/L	994304.053
	114	Cd	195.794062	1.398	740311.785	ug/L	53.748
	121	Sb	192.489335	0.336	1101398.065	ug/L	329.340
	137	Ba	187.110570	1.016	512808.844	ug/L	281.339
>	165	Ho-2			1261875.807	ug/L	1276105.159
	182	W	188.200639	0.122	1076852.489	ug/L	457.679
	183	W	186.697792	0.767	587326.441	ug/L	253.338
	194	Pt	189.685342	0.552	855507.543	ug/L	76.668
	195	Pt	191.430642	0.826	885189.780	ug/L	48.001
	203	Tl	182.835541	1.918	1390265.391	ug/L	780.029
	206	Pb	196.083415	1.984	1244153.024	ug/L	888.037
	207	Pb	191.115913	1.519	1013936.900	ug/L	745.027
>	45	Sc			465773.588	ug/L	467697.114
	47	Ti	191.192855	1.714	123459.825	ug/L	647.355
	86	Sr	188.458139	1.018	411698.893	ug/L	151.307
	88	Sr	186.929133	2.173	3505540.175	ug/L	1301.072
>	115	In			961186.325	ug/L	994304.053
	118	Sn	191.318677	1.176	945507.660	ug/L	357.341

120	Sn	191.964895	0.809	1279362.723	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		94.576
B	10		94.785
Na	23		95.472
Mg	24		98.858
Al	27		97.515
K	39		93.821
Ca	44		104.221
> Sc-1	45	99.589	
V	51		89.171
Cr	52		93.291
Mn	55		91.400
Fe	57		102.785
Co	59		92.557
Ni	60		91.056
Cu	65		91.617
Zn	66		91.959
> Ge-1	72	94.679	
As	75		96.946
Se	82		96.666
Mo	97		96.239
Ag	107		97.800
Cd	111		97.576
> In-1	115	96.669	
Sb	123		96.410
Ba	135		91.591
> Ho-1	165	98.885	
Tl	205		91.537
Pb	208		94.763
U	238		96.067
> Sc-2	45	99.589	
Cr	53		63.088
Fe	54		100.400
Ni	61		90.885
Cu	63		91.965
Zn	67		83.893
> Ge	72	94.679	
Se	77		85.162
Mo	98		96.785
Ag	109		95.700
> In-2	115	96.669	
Cd	114		97.897
Sb	121		96.245
Ba	137		93.555
> Ho-2	165	98.885	
W	182		94.100
W	183		93.349
Pt	194		94.843
Pt	195		95.715
Tl	203		91.418
Pb	206		98.042
Pb	207		95.558
> Sc	45	99.589	
Tl	47		95.596
Sr	86		94.229
Sr	88		93.465
> In	115	96.669	
Sn	118		95.659
Sn	120		95.982

QC Out Of Limits

Analyte	Mass	Out of Limits Message
V	51	Q
Cr	53	Q
Zn	67	Q
Se	77	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 7
Sample Date/Time: Thursday, May 24, 2007 18:49:05
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 7.102

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.016347	83.019	5.333	ug/L	3.000
	10	B	5.851556	22.588	284.006	ug/L	90.668
	23	Na	4.905736	180.442	45976.270	ug/L	24909.622
	24	Mg	-0.047328	43.785	5913.950	ug/L	6273.773
	27	Al	-0.585254	15.961	12111.254	ug/L	15227.265
	39	K	-2.934804	70.107	664299.234	ug/L	707925.205
	44	Ca	-25.071720	24.342	41108.481	ug/L	48369.900
>	45	Sc-1			451817.376	ug/L	467697.114
	51	V	1.416607	15.216	-5425.748	ug/L	-17188.401
	52	Cr	-1.333575	5.097	33505.581	ug/L	43700.177
	55	Mn	-0.131096	2.565	2502.244	ug/L	3939.583
	57	Fe	-3.764635	18.531	5664.523	ug/L	6563.304
	59	Co	0.004908	44.266	102.668	ug/L	70.668
	60	Ni	0.002300	249.765	201.670	ug/L	205.004
	65	Cu	-0.011321	71.816	174.336	ug/L	201.670
	66	Zn	-0.568751	4.608	2844.312	ug/L	3569.482
>	72	Ge-1			562606.792	ug/L	592936.498
	75	As	0.279410	51.220	-108.640	ug/L	-502.888
	82	Se	0.090874	333.885	-54.408	ug/L	-70.642
	97	Mo	0.086100	39.407	218.337	ug/L	69.001
	107	Ag	0.003328	63.243	130.669	ug/L	109.002
	111	Cd	0.013580	35.338	57.667	ug/L	35.667
>	115	In-1			961494.396	ug/L	994304.053
	123	Sb	0.032641	18.785	371.792	ug/L	235.401
	135	Ba	-0.003844	406.969	175.670	ug/L	183.670
>	165	Ho-1			1264640.334	ug/L	1276105.159
	205	Tl	0.327661	33.659	7864.008	ug/L	1936.818
	208	Pb	-0.013449	40.961	3140.166	ug/L	3500.871
	238	U	0.006511	13.391	138.002	ug/L	35.667
>	45	Sc-2			451817.376	ug/L	467697.114
	53	Cr	-84.017294	12.874	254674.980	ug/L	319041.768
	54	Fe	-3.806349	82.090	39673.792	ug/L	42890.999
	61	Ni	-0.541125	114.208	995.378	ug/L	1069.051
	63	Cu	-0.007380	26.681	284.339	ug/L	321.674
	67	Zn	-6.136184	31.651	19627.337	ug/L	21519.078
>	72	Ge			562606.792	ug/L	592936.498
	77	Se	-55.545362	8.344	6960.271	ug/L	13366.987
	98	Mo	0.092653	34.491	511.449	ug/L	95.062
	109	Ag	0.021632	14.512	281.672	ug/L	120.002
>	115	In-2			961494.396	ug/L	994304.053
	114	Cd	0.011911	50.026	97.233	ug/L	53.748
	121	Sb	0.030405	27.827	492.680	ug/L	329.340
	137	Ba	0.001273	932.175	282.339	ug/L	281.339
>	165	Ho-2			1264640.334	ug/L	1276105.159
	182	W	0.256183	27.547	1924.153	ug/L	457.679
	183	W	0.241403	22.616	1012.713	ug/L	253.338
	194	Pt	0.006107	60.256	103.668	ug/L	76.668
	195	Pt	0.006563	13.045	78.001	ug/L	48.001
	203	Tl	0.331265	36.767	3300.769	ug/L	780.029
	206	Pb	-0.010125	43.377	815.698	ug/L	888.037
	207	Pb	-0.011365	25.187	678.023	ug/L	745.027
>	45	Sc			451817.376	ug/L	467697.114
	47	Ti	-0.119672	39.032	550.683	ug/L	647.355
	86	Sr	0.012739	193.725	172.509	ug/L	151.307
	88	Sr	0.000168	2022.523	1260.735	ug/L	1301.072
>	115	In			961494.396	ug/L	994304.053
	118	Sn	0.036319	41.240	525.682	ug/L	357.341

120 Sn	0.039613	26.195	736.722	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		1.635
B	10		585.156
Na	23		4.906
Mg	24		-0.047
Al	27		-0.585
K	39		-2.935
Ca	44		-25.072
> Sc-1	45	96.605	
V	51		141.661
Cr	52		-133.357
Mn	55		-13.110
Fe	57		-3.765
Co	59		0.491
Ni	60		0.230
Cu	65		-1.132
Zn	66		-56.875
> Ge-1	72	94.885	
As	75		27.941
Se	82		9.087
Mo	97		8.610
Ag	107		0.333
Cd	111		1.358
> In-1	115	96.700	
Sb	123		3.264
Ba	135		-0.384
> Ho-1	165	99.102	
Tl	205		32.766
Pb	208		-1.345
U	238		0.651
> Sc-2	45	96.605	
Cr	53		-8401.729
Fe	54		-3.806
Ni	61		-54.113
Cu	63		-0.738
Zn	67		-613.618
> Ge	72	94.885	
Se	77		-5554.536
Mo	98		9.265
Ag	109		2.163
> In-2	115	96.700	
Cd	114		1.191
Sb	121		3.040
Ba	137		0.127
> Ho-2	165	99.102	
W	182		25.618
W	183		24.140
Pt	194		0.611
Pt	195		0.656
Tl	203		33.126
Pb	206		-1.012
Pb	207		-1.137
> Sc	45	96.605	
Ti	47		-11.967
Sr	88		1.274
Sr	88		0.017
> In	115	96.700	
Sn	118		3.632
Sn	120		3.981

QC Out Of Limits

Analyte	Mass	Out of Limits Message
B	10	Q
V	51	Q
Cr	52	Q
Cr	53	Q
Zn	67	Q
Se	77	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HA
Sample Date/Time: Thursday, May 24, 2007 18:55:40
Autosampler Position: 64
Dataset File: D:\Elandata\Dataset\052407m1\JW0HA.103

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	-0.004031	413.072	2.333	ug/L	3.000
	10	B	44.083564	1.777	1569.769	ug/L	90.668
	23	Na	19782.111581	2.678	90055443.728	ug/L	24909.622
	24	Mg	3788.539246	3.603	11725781.031	ug/L	6273.773
	27	Al	-0.082210	53.048	14382.047	ug/L	15227.265
	39	K	368.295223	1.467	3128753.595	ug/L	707925.205
	44	Ca	7236.573069	0.958	1667941.376	ug/L	48369.900
>	45	Sc-1			453016.811	ug/L	467697.114
	51	V	-2.476197	33.601	-36251.458	ug/L	-17188.401
	52	Cr	210.160415	1.143	1417673.154	ug/L	43700.177
	55	Mn	-0.032331	9.052	3493.462	ug/L	3939.583
	57	Fe	-19.412691	9.084	2866.696	ug/L	6563.304
	59	Co	0.012715	10.517	158.002	ug/L	70.668
	60	Ni	0.170841	10.141	460.679	ug/L	205.004
	65	Cu	0.029455	53.324	249.005	ug/L	201.670
	66	Zn	-0.585700	8.099	2833.643	ug/L	3569.482
>	72	Ge-1			562364.537	ug/L	592936.498
	75	As	1.299071	18.157	1235.758	ug/L	-502.888
	82	Se	0.222646	228.232	-36.054	ug/L	-70.642
	97	Mo	0.182845	7.410	386.342	ug/L	69.001
	107	Ag	0.006648	56.217	155.669	ug/L	109.002
	111	Cd	0.002156	68.260	38.000	ug/L	35.667
>	115	In-1			957592.018	ug/L	994304.053
	123	Sb	0.021558	39.431	321.652	ug/L	235.401
	135	Ba	0.382642	1.889	783.029	ug/L	183.670
>	165	Ho-1			1231137.196	ug/L	1276105.159
	205	Tl	0.109633	22.620	3804.883	ug/L	1936.818
	208	Pb	-0.022580	9.339	2838.471	ug/L	3500.871
	238	U	0.257014	1.957	3977.260	ug/L	35.667
>	45	Sc-2			453016.811	ug/L	467697.114
	53	Cr	175.254780	5.456	420744.156	ug/L	319041.768
	54	Fe	4.592015	112.976	43723.230	ug/L	42890.999
	61	Ni	0.981037	37.241	1103.720	ug/L	1069.051
	63	Cu	0.131381	2.050	784.029	ug/L	321.674
	67	Zn	-7.529841	36.580	19414.378	ug/L	21519.078
>	72	Ge			562364.537	ug/L	592936.498
	77	Se	-59.629894	6.017	6543.240	ug/L	13366.987
	98	Mo	0.174239	5.967	875.651	ug/L	95.062
	109	Ag	0.013648	34.895	220.004	ug/L	120.002
>	115	In-2			957592.018	ug/L	994304.053
	114	Cd	0.009865	26.252	88.912	ug/L	53.748
	121	Sb	0.010906	20.577	379.342	ug/L	329.340
	137	Ba	0.411086	3.954	1369.746	ug/L	281.339
>	165	Ho-2			1231137.196	ug/L	1276105.159
	182	W	0.105507	9.618	1030.714	ug/L	457.679
	183	W	0.111728	6.883	587.351	ug/L	253.338
	194	Pt	-0.000987	143.275	69.668	ug/L	76.668
	195	Pt	0.002146	51.596	56.001	ug/L	48.001
	203	Tl	0.113066	29.440	1592.773	ug/L	780.029
	206	Pb	-0.016813	39.098	753.027	ug/L	888.037
	207	Pb	-0.021271	11.949	608.686	ug/L	745.027
>	45	Sc			453016.811	ug/L	467697.114
	47	Ti	-0.028300	220.773	609.019	ug/L	647.355
	86	Sr	187.916476	1.009	399249.307	ug/L	151.307
	88	Sr	187.038081	1.596	3411174.774	ug/L	1301.072
>	115	In			957592.018	ug/L	994304.053
	118	Sn	0.003963	80.932	363.675	ug/L	357.341

120 Sn	0.005657	111.243	508.291	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	96.861	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	94.844	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	96.308	
Sb	123		
Ba	135		
> Ho-1	165	96.476	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	96.861	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	94.844	
Se	77		
Mo	98		
Ag	109		
> In-2	115	96.308	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	96.476	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	96.861	
Tl	47		
Sr	86		
Sr	88		
> In	115	96.308	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HC
Sample Date/Time: Thursday, May 24, 2007 19:01:46
Autosampler Position: 65
Dataset File: D:\Elandata\Dataset\052407m1\JW0HC.104

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.004495	230.650	3.667	ug/L	3.000
	10	B	42.406171	5.260	1560.768	ug/L	90.668
	23	Na	19696.311283	2.205	92518614.782	ug/L	24909.622
	24	Mg	3895.527287	2.273	12440368.038	ug/L	6273.773
	27	Al	-0.556265	10.437	12663.070	ug/L	15227.265
	39	K	371.940231	3.027	3252342.467	ug/L	707925.205
	44	Ca	7366.459529	1.779	1750608.770	ug/L	48369.900
>	45	Sc-1			467356.417	ug/L	467697.114
	51	V	-1.981631	39.619	-33267.047	ug/L	-17188.401
	52	Cr	214.326121	0.791	1490739.393	ug/L	43700.177
	55	Mn	-0.098992	8.102	2917.327	ug/L	3939.583
	57	Fe	-18.763915	3.197	3079.955	ug/L	6563.304
	59	Co	0.009576	23.653	140.002	ug/L	70.668
	60	Ni	0.184468	9.225	496.680	ug/L	205.004
	65	Cu	0.026044	36.209	250.671	ug/L	201.670
	66	Zn	-0.569381	13.925	2940.999	ug/L	3569.482
>	72	Ge-1			573248.317	ug/L	592936.498
	75	As	0.856714	50.648	668.152	ug/L	-502.888
	82	Se	0.252662	103.291	-31.712	ug/L	-70.642
	97	Mo	0.152689	10.827	345.008	ug/L	69.001
	107	Ag	0.002634	23.462	129.335	ug/L	109.002
	111	Cd	-0.003184	138.743	30.000	ug/L	35.667
>	115	In-1			990662.262	ug/L	994304.053
	123	Sb	0.014338	34.095	299.815	ug/L	235.401
	135	Ba	0.381418	7.102	812.365	ug/L	183.670
>	165	Ho-1			1280923.773	ug/L	1276105.159
	205	Tl	0.046717	45.521	2797.305	ug/L	1936.818
	208	Pb	-0.036790	10.944	2599.120	ug/L	3500.871
	238	U	0.259099	3.345	4169.317	ug/L	35.667
>	45	Sc-2			467356.417	ug/L	467697.114
	53	Cr	163.729323	7.777	426453.500	ug/L	319041.768
	54	Fe	4.224625	178.922	44891.109	ug/L	42890.999
	61	Ni	1.455105	54.366	1171.726	ug/L	1069.051
	63	Cu	0.131117	2.706	807.698	ug/L	321.674
	67	Zn	-10.241622	19.702	19503.168	ug/L	21519.078
>	72	Ge			573248.317	ug/L	592936.498
	77	Se	-64.701998	0.764	6135.390	ug/L	13366.987
	98	Mo	0.170274	2.808	887.174	ug/L	95.062
	109	Ag	0.003517	50.258	147.336	ug/L	120.002
>	115	In-2			990662.262	ug/L	994304.053
	114	Cd	0.002975	84.245	65.121	ug/L	53.748
	121	Sb	0.005968	44.194	363.342	ug/L	329.340
	137	Ba	0.400097	2.412	1395.082	ug/L	281.339
>	165	Ho-2			1280923.773	ug/L	1276105.159
	182	W	0.050635	23.235	752.694	ug/L	457.679
	183	W	0.047785	25.904	406.343	ug/L	253.338
	194	Pt	-0.001537	236.256	70.001	ug/L	76.668
	195	Pt	0.003154	23.330	63.001	ug/L	48.001
	203	Tl	0.046347	44.400	1139.391	ug/L	780.029
	206	Pb	-0.036073	5.286	659.355	ug/L	888.037
	207	Pb	-0.037538	12.003	545.683	ug/L	745.027
>	45	Sc			467356.417	ug/L	467697.114
	47	Ti	-0.054910	41.296	611.353	ug/L	647.355
	86	Sr	190.626285	0.773	417817.340	ug/L	151.307
	88	Sr	189.156914	1.562	3559076.290	ug/L	1301.072
>	115	In			990662.262	ug/L	994304.053
	118	Sn	-0.004919	27.988	331.007	ug/L	357.341

120 Sn	-0.002895	33.173	466.938	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	99.927	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	96.680	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	99.634	
Sb	123		
Ba	135		
> Ho-1	165	100.378	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	99.927	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	96.680	
Se	77		
Mo	98		
Ag	109		
> In-2	115	99.634	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	100.378	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	99.927	
Ti	47		
Sr	86		
Sr	88		
> In	115	99.634	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HD
Sample Date/Time: Thursday, May 24, 2007 19:07:53
Autosampler Position: 66
Dataset File: D:\Elandata\Dataset\052407m1\JW0HD.105

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.007141	5.003	4.000	ug/L	3.000
	10	B	42.786973	4.258	1540.098	ug/L	90.668
	23	Na	20496.241905	2.252	94193909.970	ug/L	24909.622
	24	Mg	4064.475859	3.598	12699346.455	ug/L	6273.773
	27	Al	-0.688041	8.087	11799.990	ug/L	15227.265
	39	K	381.981173	3.709	3249746.746	ug/L	707925.205
	44	Ca	7640.022806	1.650	1774783.223	ug/L	48369.900
>	45	Sc-1			457285.204	ug/L	467697.114
	51	V	-2.002309	49.357	-32846.756	ug/L	-17188.401
	52	Cr	224.795377	1.855	1527690.027	ug/L	43700.177
	55	Mn	-0.086755	11.305	2977.673	ug/L	3939.583
	57	Fe	-18.087134	9.856	3138.916	ug/L	6563.304
	59	Co	0.011632	27.112	151.669	ug/L	70.668
	60	Ni	0.191714	3.992	497.014	ug/L	205.004
	65	Cu	0.023296	39.479	240.338	ug/L	201.670
	66	Zn	-0.613384	11.047	2830.642	ug/L	3569.482
>	72	Ge-1			569416.236	ug/L	592936.498
	75	As	1.425779	23.806	1429.122	ug/L	-502.888
	82	Se	0.001692	7281.264	-67.673	ug/L	-70.642
	97	Mo	0.158693	5.795	348.341	ug/L	69.001
	107	Ag	0.003815	11.741	135.669	ug/L	109.002
	111	Cd	-0.003765	8.206	28.334	ug/L	35.667
>	115	In-1			969453.716	ug/L	994304.053
	123	Sb	0.015968	29.275	300.603	ug/L	235.401
	135	Ba	0.397490	5.561	829.699	ug/L	183.670
>	165	Ho-1			1266273.864	ug/L	1276105.159
	205	Tl	0.019774	105.392	2278.541	ug/L	1936.818
	208	Pb	-0.036294	7.981	2582.116	ug/L	3500.871
	238	U	0.266630	4.066	4241.006	ug/L	35.667
>	45	Sc-2			457285.204	ug/L	467697.114
	53	Cr	185.345016	4.976	431222.547	ug/L	319041.768
	54	Fe	5.892007	174.827	44735.120	ug/L	42890.999
	61	Ni	2.106153	51.571	1192.395	ug/L	1069.051
	63	Cu	0.125857	5.299	771.362	ug/L	321.674
	67	Zn	-8.638450	30.323	19387.342	ug/L	21519.078
>	72	Ge			569416.236	ug/L	592936.498
	77	Se	-59.864975	1.310	6597.869	ug/L	13366.987
	98	Mo	0.166169	2.129	849.534	ug/L	95.062
	109	Ag	0.003451	49.243	143.669	ug/L	120.002
>	115	In-2			969453.716	ug/L	994304.053
	114	Cd	0.001295	74.938	57.345	ug/L	53.748
	121	Sb	0.001190	273.612	328.007	ug/L	329.340
	137	Ba	0.413939	1.094	1417.084	ug/L	281.339
>	165	Ho-2			1266273.864	ug/L	1276105.159
	182	W	0.026967	17.124	608.686	ug/L	457.679
	183	W	0.023147	22.953	324.340	ug/L	253.338
	194	Pt	-0.000062	4778.140	75.668	ug/L	76.668
	195	Pt	0.002825	62.962	60.667	ug/L	48.001
	203	Tl	0.028196	71.764	988.378	ug/L	780.029
	206	Pb	-0.032029	18.547	677.023	ug/L	888.037
	207	Pb	-0.032693	6.318	565.350	ug/L	745.027
>	45	Sc			457285.204	ug/L	467697.114
	47	Ti	-0.132285	23.688	549.683	ug/L	647.355
	86	Sr	200.991685	1.748	431013.934	ug/L	151.307
	88	Sr	197.699112	2.677	3639637.871	ug/L	1301.072
>	115	In			969453.716	ug/L	994304.053
	118	Sn	-0.005179	136.159	322.674	ug/L	357.341

120 Sn	-0.009497	18.016	412.580	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	97.774	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	96.033	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	97.501	
Sb	123		
Ba	135		
> Ho-1	165	99.230	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	97.774	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	96.033	
Se	77		
Mo	98		
Ag	109		
> In-2	115	97.501	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	99.230	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	97.774	
Tl	47		
Sr	86		
Sr	88		
> In	115	97.501	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HE
Sample Date/Time: Thursday, May 24, 2007 19:14:01
Autosampler Position: 67
Dataset File: D:\Elandata\Dataset\052407m1\JW0HE.106

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.006815	195.543	4.000	ug/L	3.000
	10	B	185.580569	1.646	6483.203	ug/L	90.668
	23	Na	24282.351624	1.902	113276987.394	ug/L	24909.622
	24	Mg	7502.330038	0.815	23794586.256	ug/L	6273.773
	27	Al	6.444288	1.864	44450.826	ug/L	15227.265
	39	K	638.528457	1.754	5042780.693	ug/L	707925.205
	44	Ca	11544.182190	0.658	2698055.930	ug/L	48369.900
>	45	Sc-1			464188.635	ug/L	467697.114
	51	V	1.788310	31.107	-2532.243	ug/L	-17188.401
	52	Cr	1.126287	6.181	50921.770	ug/L	43700.177
	55	Mn	0.129856	8.519	5238.013	ug/L	3939.583
	57	Fe	-21.244576	7.925	2606.301	ug/L	6563.304
	59	Co	0.031488	4.395	297.339	ug/L	70.668
	60	Ni	0.273841	3.345	633.687	ug/L	205.004
	65	Cu	0.164325	5.629	508.014	ug/L	201.670
	66	Zn	-0.567261	15.147	2924.662	ug/L	3569.482
>	72	Ge-1			567976.449	ug/L	592936.498
	75	As	7.851131	3.759	9987.487	ug/L	-502.888
	82	Se	0.145946	294.734	-47.157	ug/L	-70.642
	97	Mo	0.739648	3.541	1366.746	ug/L	69.001
	107	Ag	-0.000452	83.086	102.001	ug/L	109.002
	111	Cd	-0.002246	204.200	30.667	ug/L	35.667
>	115	In-1			961766.973	ug/L	994304.053
	123	Sb	0.022839	10.751	328.725	ug/L	235.401
	135	Ba	1.283389	2.616	2295.207	ug/L	183.670
>	165	Ho-1			1279339.087	ug/L	1276105.159
	205	Tl	0.012551	113.145	2174.523	ug/L	1936.818
	208	Pb	-0.034339	7.912	2658.457	ug/L	3500.871
	238	U	1.442101	0.552	23022.101	ug/L	35.667
>	45	Sc-2			464188.635	ug/L	467697.114
	53	Cr	-74.797032	18.277	267686.011	ug/L	319041.768
	54	Fe	2.847834	231.799	43962.820	ug/L	42890.999
	61	Ni	2.674320	3.392	1251.067	ug/L	1069.051
	63	Cu	0.192688	2.582	1029.047	ug/L	321.674
	67	Zn	-8.789561	11.923	19653.373	ug/L	21519.078
>	72	Ge			567976.449	ug/L	592936.498
	77	Se	-43.883697	12.116	8237.782	ug/L	13366.987
	98	Mo	0.738942	0.690	3430.808	ug/L	95.062
	109	Ag	0.002288	61.734	133.669	ug/L	120.002
>	115	In-2			961766.973	ug/L	994304.053
	114	Cd	0.001055	212.625	56.050	ug/L	53.748
	121	Sb	0.006379	60.645	355.008	ug/L	329.340
	137	Ba	1.305920	0.674	3908.574	ug/L	281.339
>	165	Ho-2			1279339.087	ug/L	1276105.159
	182	W	0.041296	22.434	698.024	ug/L	457.679
	183	W	0.039780	9.535	380.676	ug/L	253.338
	194	Pt	-0.002311	38.228	66.334	ug/L	76.668
	195	Pt	-0.000474	420.163	46.001	ug/L	48.001
	203	Tl	0.019445	76.751	933.040	ug/L	780.029
	206	Pb	-0.031608	12.820	687.357	ug/L	888.037
	207	Pb	-0.034437	14.476	562.017	ug/L	745.027
>	45	Sc			464188.635	ug/L	467697.114
	47	Ti	0.361377	26.154	873.702	ug/L	647.355
	86	Sr	292.270760	0.113	636230.358	ug/L	151.307
	88	Sr	290.744368	0.980	5432816.250	ug/L	1301.072
>	115	In			961766.973	ug/L	994304.053
	118	Sn	-0.002371	220.665	333.674	ug/L	357.341

120 Sn	-0.004532	59.601	442.225	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	99.250	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	95.790	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	96.728	
Sb	123		
Ba	135		
Ho-1	165	100.253	
Tl	205		
Pb	208		
U	238		
Sc-2	45	99.250	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	95.790	
Se	77		
Mo	98		
Ag	109		
In-2	115	96.728	
Cd	114		
Sb	121		
Ba	137		
Ho-2	165	100.253	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	99.250	
Tl	47		
Sr	86		
Sr	88		
In	115	96.728	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HF
Sample Date/Time: Thursday, May 24, 2007 19:20:09
Autosampler Position: 68
Dataset File: D:\Elandata\Dataset\052407m1\JW0HF.107

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
⌈	9	Be	0.006740	97.019	4.000	ug/L	3.000
|	10	B	188.762173	3.080	6589.920	ug/L	90.668
|	23	Na	23853.414649	1.766	111258777.514	ug/L	24909.622
|	24	Mg	7434.653564	1.499	23574615.898	ug/L	6273.773
|	27	Al	-0.812176	4.310	11411.670	ug/L	15227.265
|	39	K	644.616278	1.127	5083335.704	ug/L	707925.205
|	44	Ca	11371.612213	0.764	2657686.095	ug/L	48369.900
|>	45	Sc-1			464070.148	ug/L	467697.114
|	51	V	1.808965	32.532	-2416.098	ug/L	-17188.401
|	52	Cr	1.539644	6.035	53685.234	ug/L	43700.177
|	55	Mn	-0.126851	4.399	2612.932	ug/L	3939.583
|	57	Fe	-26.268312	6.414	1679.433	ug/L	6563.304
|	59	Co	0.027431	8.542	268.005	ug/L	70.668
|	60	Ni	0.275911	8.179	636.687	ug/L	205.004
|	65	Cu	0.160923	8.524	501.681	ug/L	201.670
⌊	66	Zn	-0.592841	12.421	2895.322	ug/L	3569.482
⌈>	72	Ge-1			570750.578	ug/L	592936.498
|	75	As	7.164189	6.266	9115.694	ug/L	-502.888
⌊	82	Se	0.243935	154.886	-33.202	ug/L	-70.642
⌈	97	Mo	0.682603	0.896	1274.403	ug/L	69.001
|	107	Ag	0.000252	924.845	108.001	ug/L	109.002
|	111	Cd	-0.000395	1074.987	34.000	ug/L	35.667
|>	115	In-1			968162.822	ug/L	994304.053
⌊	123	Sb	0.019839	18.584	317.253	ug/L	235.401
⌈	135	Ba	1.357137	4.370	2425.564	ug/L	183.670
|>	165	Ho-1			1284535.222	ug/L	1276105.159
|	205	Tl	0.011223	128.523	2160.521	ug/L	1936.818
|	208	Pb	-0.040005	11.482	2525.445	ug/L	3500.871
⌊	238	U	1.397615	2.105	22397.435	ug/L	35.667
⌈>	45	Sc-2			464070.148	ug/L	467697.114
|	53	Cr	-52.247537	19.456	282425.862	ug/L	319041.768
|	54	Fe	0.554446	1693.893	42825.638	ug/L	42890.999
|	61	Ni	3.971903	25.818	1342.743	ug/L	1069.051
|	63	Cu	0.162433	6.442	917.372	ug/L	321.674
⌊	67	Zn	-6.713659	13.541	20051.596	ug/L	21519.078
⌈>	72	Ge			570750.578	ug/L	592936.498
⌊	77	Se	-29.727288	22.101	9756.048	ug/L	13366.987
⌈	98	Mo	0.718785	2.490	3361.342	ug/L	95.062
|	109	Ag	0.000175	1243.105	118.335	ug/L	120.002
|>	115	In-2			968162.822	ug/L	994304.053
|	114	Cd	0.000900	117.313	55.774	ug/L	53.748
⌊	121	Sb	0.006686	41.169	359.341	ug/L	329.340
⌈	137	Ba	1.366854	2.244	4094.295	ug/L	281.339
|>	165	Ho-2			1284535.222	ug/L	1276105.159
|	182	W	0.044975	5.387	722.692	ug/L	457.679
|	183	W	0.043780	19.306	395.009	ug/L	253.338
|	194	Pt	-0.001256	94.404	71.334	ug/L	76.668
|	195	Pt	0.001541	81.973	55.667	ug/L	48.001
|	203	Tl	0.014943	99.071	902.705	ug/L	780.029
|	206	Pb	-0.036214	11.926	659.688	ug/L	888.037
⌊	207	Pb	-0.037965	10.952	544.682	ug/L	745.027
⌈>	45	Sc			464070.148	ug/L	467697.114
|	47	Ti	0.097446	13.875	704.691	ug/L	647.355
|	86	Sr	293.735170	1.153	639244.674	ug/L	151.307
⌊	88	Sr	290.877452	1.135	5434230.793	ug/L	1301.072
⌈>	115	In			968162.822	ug/L	994304.053
|	118	Sn	-0.008286	9.897	306.673	ug/L	357.341

120 Sn	-0.009443	25.843	412.472	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	99.225	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	96.258	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	97.371	
Sb	123		
Ba	135		
> Ho-1	165	100.661	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	99.225	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	96.258	
Se	77		
Mo	98		
Ag	109		
> In-2	115	97.371	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	100.661	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	99.225	
Tl	47		
Sr	86		
Sr	88		
> In	115	97.371	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HJ
Sample Date/Time: Thursday, May 24, 2007 19:26:17
Autosampler Position: 69
Dataset File: D:\Elandata\Dataset\052407m1\JW0HJ.108

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.006616	258.618	4.000	ug/L	3.000
	10	B	188.306899	2.200	6591.921	ug/L	90.668
	23	Na	23932.786204	3.159	111878180.413	ug/L	24909.622
	24	Mg	7279.485425	2.905	23133408.559	ug/L	6273.773
	27	Al	0.312811	28.097	16570.439	ug/L	15227.265
	39	K	635.404703	3.061	5031755.138	ug/L	707925.205
	44	Ca	11092.069219	1.475	2599527.853	ug/L	48369.900
>	45	Sc-1			465207.854	ug/L	467697.114
	51	V	1.482797	25.923	-5044.793	ug/L	-17188.401
	52	Cr	1.561876	9.897	53953.900	ug/L	43700.177
	55	Mn	-0.094722	12.612	2948.001	ug/L	3939.583
	57	Fe	-27.003545	4.809	1549.550	ug/L	6563.304
	59	Co	0.025982	9.148	258.338	ug/L	70.668
	60	Ni	0.273659	7.307	634.354	ug/L	205.004
	65	Cu	0.143447	2.497	470.012	ug/L	201.670
	66	Zn	-0.653443	9.704	2636.310	ug/L	3569.482
>	72	Ge-1			570553.975	ug/L	592936.498
	75	As	7.245304	10.415	9217.341	ug/L	-502.888
	82	Se	0.304648	24.725	-23.894	ug/L	-70.642
	97	Mo	0.688705	3.681	1295.072	ug/L	69.001
	107	Ag	0.000777	139.897	113.002	ug/L	109.002
	111	Cd	-0.005231	16.779	26.000	ug/L	35.667
>	115	In-1			975791.747	ug/L	994304.053
	123	Sb	0.015015	28.465	298.319	ug/L	235.401
	135	Ba	1.332889	3.404	2361.552	ug/L	183.670
>	165	Ho-1			1271558.352	ug/L	1276105.159
	205	Tl	-0.000449	2592.171	1925.151	ug/L	1936.818
	208	Pb	-0.040851	5.321	2480.109	ug/L	3500.871
	238	U	1.445149	5.748	22953.740	ug/L	35.667
>	45	Sc-2			465207.854	ug/L	467697.114
	53	Cr	-38.540659	34.623	292008.217	ug/L	319041.768
	54	Fe	2.617259	251.783	43939.743	ug/L	42890.999
	61	Ni	3.372149	13.287	1303.739	ug/L	1069.051
	63	Cu	0.157360	3.867	901.037	ug/L	321.674
	67	Zn	-8.601346	37.953	19727.811	ug/L	21519.078
>	72	Ge			570553.975	ug/L	592936.498
	77	Se	-18.141662	24.860	10964.646	ug/L	13366.987
	98	Mo	0.683238	2.004	3225.572	ug/L	95.062
	109	Ag	-0.001343	100.351	107.335	ug/L	120.002
>	115	In-2			975791.747	ug/L	994304.053
	114	Cd	-0.002811	49.020	41.973	ug/L	53.748
	121	Sb	0.005396	114.040	354.675	ug/L	329.340
	137	Ba	1.351408	2.796	4008.936	ug/L	281.339
>	165	Ho-2			1271558.352	ug/L	1276105.159
	182	W	0.017659	11.879	558.016	ug/L	457.679
	183	W	0.013868	56.259	296.006	ug/L	253.338
	194	Pt	-0.002592	35.578	64.667	ug/L	76.668
	195	Pt	0.001897	79.698	56.667	ug/L	48.001
	203	Tl	0.001061	1240.002	786.697	ug/L	780.029
	206	Pb	-0.039788	8.834	630.354	ug/L	888.037
	207	Pb	-0.036579	1.833	547.016	ug/L	745.027
>	45	Sc			465207.854	ug/L	467697.114
	47	Ti	0.087134	73.941	699.357	ug/L	647.355
	86	Sr	286.213611	1.006	624364.699	ug/L	151.307
	88	Sr	282.841186	1.612	5296226.265	ug/L	1301.072
>	115	In			975791.747	ug/L	994304.053
	118	Sn	-0.007751	49.520	311.673	ug/L	357.341

120	Sn	-0.005862	47.955	439.708	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		
	B	10		
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.468	
	V	51		
	Cr	52		
	Mn	55		
	Fe	57		
	Co	59		
	Ni	60		
	Cu	65		
	Zn	66		
>	Ge-1	72	96.225	
	As	75		
	Se	82		
	Mo	97		
	Ag	107		
	Cd	111		
>	In-1	115	98.138	
	Sb	123		
	Ba	135		
>	Ho-1	165	99.644	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.468	
	Cr	53		
	Fe	54		
	Ni	61		
	Cu	63		
	Zn	67		
>	Ge	72	96.225	
	Se	77		
	Mo	98		
	Ag	109		
>	In-2	115	98.138	
	Cd	114		
	Sb	121		
	Ba	137		
>	Ho-2	165	99.644	
	W	182		
	W	183		
	Pt	194		
	Pt	195		
	Tl	203		
	Pb	206		
	Pb	207		
>	Sc	45	99.468	
	Ti	47		
	Sr	86		
	Sr	88		
>	In	115	98.138	
	Sn	118		
	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HK
Sample Date/Time: Thursday, May 24, 2007 19:32:26
Autosampler Position: 70
Dataset File: D:\Elandata\Dataset\052407m1\JW0HK.109

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.016158	126.408	5.333	ug/L	3.000
	10	B	34.466586	3.627	1252.734	ug/L	90.668
	23	Na	22708.581354	1.693	103921635.378	ug/L	24909.622
	24	Mg	185.141329	1.414	581933.397	ug/L	6273.773
	27	Al	4.139877	1.328	33312.128	ug/L	15227.265
	39	K	424.437697	1.027	3519230.163	ug/L	707925.205
	44	Ca	481.207256	0.446	155434.231	ug/L	48369.900
>	45	Sc-1			455299.519	ug/L	467697.114
	51	V	-0.826492	55.111	-23293.541	ug/L	-17188.401
	52	Cr	122.053847	0.762	845402.473	ug/L	43700.177
	55	Mn	2.454531	1.461	28439.236	ug/L	3939.583
	57	Fe	10.144442	4.930	8221.055	ug/L	6563.304
	59	Co	0.025788	4.336	251.338	ug/L	70.668
	60	Ni	0.062806	5.069	296.339	ug/L	205.004
	65	Cu	0.056229	21.289	299.673	ug/L	201.670
	66	Zn	-0.585356	10.841	2848.979	ug/L	3569.482
>	72	Ge-1			565194.722	ug/L	592936.498
	75	As	6.582662	5.918	8258.631	ug/L	-502.888
	82	Se	-0.086446	57.567	-79.726	ug/L	-70.642
	97	Mo	0.465670	3.607	891.370	ug/L	69.001
	107	Ag	0.006213	23.784	154.002	ug/L	109.002
	111	Cd	-0.003548	107.546	28.667	ug/L	35.667
>	115	In-1			968593.401	ug/L	994304.053
	123	Sb	0.002110	249.766	238.588	ug/L	235.401
	135	Ba	0.181542	5.654	478.013	ug/L	183.670
>	165	Ho-1			1266792.573	ug/L	1276105.159
	205	Tl	-0.002259	347.274	1882.477	ug/L	1936.818
	208	Pb	-0.027785	14.913	2792.466	ug/L	3500.871
	238	U	0.375894	3.759	5966.973	ug/L	35.667
>	45	Sc-2			455299.519	ug/L	467697.114
	53	Cr	104.516719	4.299	377577.106	ug/L	319041.768
	54	Fe	19.042307	43.443	50731.362	ug/L	42890.999
	61	Ni	0.713985	61.577	1090.386	ug/L	1069.051
	63	Cu	0.167322	6.135	917.705	ug/L	321.674
	67	Zn	-9.416619	4.191	19159.364	ug/L	21519.078
>	72	Ge			565194.722	ug/L	592936.498
	77	Se	-26.090541	11.091	10043.508	ug/L	13366.987
	98	Mo	0.472914	1.498	2244.595	ug/L	95.062
	109	Ag	0.001528	117.592	128.669	ug/L	120.002
>	115	In-2			968593.401	ug/L	994304.053
	114	Cd	0.000592	218.196	54.637	ug/L	53.748
	121	Sb	-0.000772	164.808	316.340	ug/L	329.340
	137	Ba	0.206992	4.959	848.700	ug/L	281.339
>	165	Ho-2			1266792.573	ug/L	1276105.159
	182	W	0.116564	4.914	1123.389	ug/L	457.679
	183	W	0.115797	12.224	617.353	ug/L	253.338
	194	Pt	0.001961	142.165	85.001	ug/L	76.668
	195	Pt	0.003722	71.788	65.001	ug/L	48.001
	203	Tl	0.001810	607.020	788.697	ug/L	780.029
	206	Pb	-0.022763	11.041	736.693	ug/L	888.037
	207	Pb	-0.023596	26.503	614.019	ug/L	745.027
>	45	Sc			455299.519	ug/L	467697.114
	47	Ti	0.029906	108.173	649.021	ug/L	647.355
	86	Sr	15.358999	0.944	32933.663	ug/L	151.307
	88	Sr	15.516702	1.264	285602.305	ug/L	1301.072
>	115	In			968593.401	ug/L	994304.053
	118	Sn	-0.009776	41.123	299.339	ug/L	357.341

120 Sn	-0.007602	72.589	425.088	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	97.349	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	95.321	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	97.414	
Sb	123		
Ba	135		
Ho-1	165	99.270	
Tl	205		
Pb	208		
U	238		
Sc-2	45	97.349	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	95.321	
Se	77		
Mo	98		
Ag	109		
In-2	115	97.414	
Cd	114		
Sb	121		
Ba	137		
Ho-2	165	99.270	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	97.349	
Ti	47		
Sr	86		
Sr	88		
In	115	97.414	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HL
Sample Date/Time: Thursday, May 24, 2007 19:38:32
Autosampler Position: 71
Dataset File: D:\Elandata\Dataset\052407m1\JW0HL.110

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.011000	92.646	4.667	ug/L	3.000
	10	B	32.451307	0.621	1214.730	ug/L	90.668
	23	Na	21989.675124	1.379	103188441.024	ug/L	24909.622
	24	Mg	179.080065	1.519	577361.689	ug/L	6273.773
	27	Al	-0.994163	1.614	10647.073	ug/L	15227.265
	39	K	424.386096	1.556	3608219.159	ug/L	707925.205
	44	Ca	479.250795	2.071	158932.947	ug/L	48369.900
>	45	Sc-1			466860.711	ug/L	467697.114
	51	V	-0.480896	207.513	-21044.518	ug/L	-17188.401
	52	Cr	120.871408	0.488	858904.097	ug/L	43700.177
	55	Mn	-0.083413	5.679	3075.028	ug/L	3939.583
	57	Fe	-3.666463	8.083	5872.583	ug/L	6563.304
	59	Co	0.004241	18.413	101.335	ug/L	70.668
	60	Ni	0.041000	32.685	269.339	ug/L	205.004
	65	Cu	0.039650	15.164	276.005	ug/L	201.670
	66	Zn	-0.636486	15.889	2864.649	ug/L	3569.482
>	72	Ge-1			567880.911	ug/L	592936.498
	75	As	6.924290	6.350	8749.817	ug/L	-502.888
	82	Se	-0.139656	42.864	-87.712	ug/L	-70.642
	97	Mo	0.509428	2.524	961.042	ug/L	69.001
	107	Ag	-0.000047	3325.252	105.001	ug/L	109.002
	111	Cd	-0.004587	84.606	26.667	ug/L	35.667
>	115	In-1			960933.312	ug/L	994304.053
	123	Sb	0.002751	143.964	239.582	ug/L	235.401
	135	Ba	0.142533	5.060	414.677	ug/L	183.670
>	165	Ho-1			1267176.366	ug/L	1276105.159
	205	Tl	-0.002597	465.052	1875.810	ug/L	1936.818
	208	Pb	-0.041930	9.149	2445.773	ug/L	3500.871
	238	U	0.374460	1.718	5947.631	ug/L	35.667
>	45	Sc-2			466860.711	ug/L	467697.114
	53	Cr	88.971262	3.114	376947.799	ug/L	319041.768
	54	Fe	-0.367100	948.826	42634.805	ug/L	42890.999
	61	Ni	0.105528	203.819	1074.718	ug/L	1069.051
	63	Cu	0.154842	4.447	894.704	ug/L	321.674
	67	Zn	-9.416535	10.133	19646.030	ug/L	21519.078
>	72	Ge			567880.911	ug/L	592936.498
	77	Se	-34.448567	13.960	9220.278	ug/L	13366.987
	98	Mo	0.514492	0.645	2414.696	ug/L	95.062
	109	Ag	-0.000909	8.492	109.002	ug/L	120.002
>	115	In-2			960933.312	ug/L	994304.053
	114	Cd	-0.000371	167.134	50.543	ug/L	53.748
	121	Sb	0.000711	468.197	322.340	ug/L	329.340
	137	Ba	0.144580	9.282	677.023	ug/L	281.339
>	165	Ho-2			1267176.366	ug/L	1276105.159
	182	W	0.128541	1.803	1192.728	ug/L	457.679
	183	W	0.126393	1.724	650.688	ug/L	253.338
	194	Pt	0.002404	102.925	87.001	ug/L	76.668
	195	Pt	0.002728	47.372	60.334	ug/L	48.001
	203	Tl	-0.000364	2283.575	771.695	ug/L	780.029
	206	Pb	-0.040374	13.955	624.687	ug/L	888.037
	207	Pb	-0.039215	17.269	531.015	ug/L	745.027
>	45	Sc			466860.711	ug/L	467697.114
	47	Ti	-0.111297	61.602	574.351	ug/L	647.355
	86	Sr	15.282615	0.428	33603.589	ug/L	151.307
	88	Sr	15.463857	1.052	291881.742	ug/L	1301.072
>	115	In			960933.312	ug/L	994304.053
	118	Sn	-0.013650	33.654	278.005	ug/L	357.341

120	Sn	-0.012630	21.045	388.051	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		
	B	10		
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.821	
	V	51		
	Cr	52		
	Mn	55		
	Fe	57		
	Co	59		
	Ni	60		
	Cu	65		
	Zn	66		
>	Ge-1	72	95.774	
	As	75		
	Se	82		
	Mo	97		
	Ag	107		
	Cd	111		
>	In-1	115	96.644	
	Sb	123		
	Ba	135		
>	Ho-1	165	99.300	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.821	
	Cr	53		
	Fe	54		
	Ni	61		
	Cu	63		
	Zn	67		
>	Ge	72	95.774	
	Se	77		
	Mo	98		
	Ag	109		
>	In-2	115	96.644	
	Cd	114		
	Sb	121		
	Ba	137		
>	Ho-2	165	99.300	
	W	182		
	W	183		
	Pt	194		
	Pt	195		
	Tl	203		
	Pb	206		
	Pb	207		
>	Sc	45	99.821	
	Tl	47		
	Sr	86		
	Sr	88		
>	In	115	96.644	
	Sn	118		
	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HN
Sample Date/Time: Thursday, May 24, 2007 19:44:34
Autosampler Position: 72
Dataset File: D:\Elandata\Dataset\052407m1\JW0HN.111

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.011447	87.853	4.667	ug/L	3.000
	10	B	33.441160	4.779	1228.399	ug/L	90.668
	23	Na	23259.751133	2.562	107328832.671	ug/L	24909.622
	24	Mg	190.194434	1.552	602637.005	ug/L	6273.773
	27	Al	2.375822	2.821	25645.923	ug/L	15227.265
	39	K	443.735043	3.128	3678161.738	ug/L	707925.205
	44	Ca	501.240454	1.542	161279.245	ug/L	48369.900
>	45	Sc-1			459106.537	ug/L	467697.114
	51	V	-0.066628	866.452	-17393.158	ug/L	-17188.401
	52	Cr	127.892143	0.642	891218.345	ug/L	43700.177
	55	Mn	1.396519	0.848	17982.491	ug/L	3939.583
	57	Fe	4.498449	13.022	7261.623	ug/L	6563.304
	59	Co	0.016857	11.037	189.670	ug/L	70.668
	60	Ni	0.090383	6.582	341.674	ug/L	205.004
	65	Cu	0.076809	8.778	340.341	ug/L	201.670
	66	Zn	-0.556873	7.315	2903.324	ug/L	3569.482
>	72	Ge-1			563457.030	ug/L	592936.498
	75	As	7.002199	10.997	8793.731	ug/L	-502.888
	82	Se	-0.124599	170.115	-84.765	ug/L	-70.642
	97	Mo	0.511285	2.202	958.375	ug/L	69.001
	107	Ag	0.001415	186.692	115.335	ug/L	109.002
	111	Cd	-0.001355	188.942	32.000	ug/L	35.667
>	115	In-1			955021.525	ug/L	994304.053
	123	Sb	0.005866	7.977	251.819	ug/L	235.401
	135	Ba	0.192691	8.688	492.680	ug/L	183.670
>	165	Ho-1			1257639.597	ug/L	1276105.159
	205	Tl	-0.009900	128.213	1730.457	ug/L	1936.818
	208	Pb	-0.034601	12.026	2606.118	ug/L	3500.871
	238	U	0.393809	1.297	6206.410	ug/L	35.667
>	45	Sc-2			459106.537	ug/L	467697.114
	53	Cr	98.019385	1.472	376542.355	ug/L	319041.768
	54	Fe	9.427075	36.911	46585.971	ug/L	42890.999
	61	Ni	0.786809	77.495	1104.720	ug/L	1069.051
	63	Cu	0.202247	5.366	1052.716	ug/L	321.674
	67	Zn	-8.418507	16.280	19510.844	ug/L	21519.078
>	72	Ge			563457.030	ug/L	592936.498
	77	Se	-38.024542	4.665	8780.959	ug/L	13366.987
	98	Mo	0.500516	3.801	2336.718	ug/L	95.062
	109	Ag	0.000755	133.398	121.002	ug/L	120.002
>	115	In-2			955021.525	ug/L	994304.053
	114	Cd	-0.000636	172.014	49.259	ug/L	53.748
	121	Sb	-0.003154	100.786	298.339	ug/L	329.340
	137	Ba	0.185472	8.236	783.696	ug/L	281.339
>	165	Ho-2			1257639.597	ug/L	1276105.159
	182	W	0.122159	6.358	1147.391	ug/L	457.679
	183	W	0.116785	5.189	615.686	ug/L	253.338
	194	Pt	0.001144	199.620	80.668	ug/L	76.668
	195	Pt	0.003693	46.431	64.334	ug/L	48.001
	203	Tl	-0.006902	167.798	716.359	ug/L	780.029
	206	Pb	-0.030874	11.333	680.023	ug/L	888.037
	207	Pb	-0.029948	17.270	576.017	ug/L	745.027
>	45	Sc			459106.537	ug/L	467697.114
	47	Ti	0.006112	294.421	639.354	ug/L	647.355
	86	Sr	16.178977	1.433	34972.816	ug/L	151.307
	88	Sr	16.242455	0.571	301408.174	ug/L	1301.072
>	115	In			955021.525	ug/L	994304.053
	118	Sn	-0.008595	12.961	301.006	ug/L	357.341

120 Sn	-0.010976	19.828	396.637	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		
	B	10		
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.163	
	V	51		
	Cr	52		
	Mn	55		
	Fe	57		
	Co	59		
	Ni	60		
	Cu	65		
	Zn	66		
>	Ge-1	72	95.028	
	As	75		
	Se	82		
	Mo	97		
	Ag	107		
	Cd	111		
>	In-1	115	96.049	
	Sb	123		
	Ba	135		
>	Ho-1	165	98.553	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	46	98.163	
	Cr	53		
	Fe	54		
	Ni	61		
	Cu	63		
	Zn	67		
>	Ge	72	95.028	
	Se	77		
	Mo	98		
	Ag	109		
>	In-2	115	96.049	
	Cd	114		
	Sb	121		
	Ba	137		
>	Ho-2	165	98.553	
	W	182		
	W	183		
	Pt	194		
	Pt	195		
	Tl	203		
	Pb	206		
	Pb	207		
>	Sc	45	98.163	
	Ti	47		
	Sr	86		
	Sr	88		
>	In	115	96.049	
	Sn	118		
	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HP
Sample Date/Time: Thursday, May 24, 2007 19:50:36
Autosampler Position: 73
Dataset File: D:\Elandata\Dataset\052407m1\JW0HP.112

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.015983	125.627	5.667	ug/L	3.000
	10	B	2.857775	10.455	197.337	ug/L	90.668
	23	Na	1620.175826	1.421	7943969.731	ug/L	24909.622
	24	Mg	179.237341	2.261	601915.705	ug/L	6273.773
	27	Al	48.314221	1.893	246299.107	ug/L	15227.265
	39	K	515.089257	3.399	4404016.314	ug/L	707925.205
	44	Ca	743.517336	2.948	229083.287	ug/L	48369.900
>	45	Sc-1			486355.596	ug/L	467697.114
	51	V	-0.728803	47.327	-24035.414	ug/L	-17188.401
	52	Cr	2.107333	3.725	60249.736	ug/L	43700.177
	55	Mn	43.610483	2.830	470937.366	ug/L	3939.583
	57	Fe	38.838021	3.715	14312.560	ug/L	6563.304
	59	Co	0.370249	2.497	2872.317	ug/L	70.668
	60	Ni	0.946799	4.002	1770.794	ug/L	205.004
	65	Cu	4.077025	0.991	8216.111	ug/L	201.670
	66	Zn	79.477583	2.061	94498.809	ug/L	3569.482
>	72	Ge-1			603328.329	ug/L	592936.498
	75	As	-0.952670	24.420	-1861.071	ug/L	-502.688
	82	Se	0.121404	160.524	-53.291	ug/L	-70.642
	97	Mo	0.039265	11.990	146.669	ug/L	69.001
	107	Ag	0.003803	31.547	145.336	ug/L	109.002
	111	Cd	0.014555	22.723	64.001	ug/L	35.667
>	115	In-1			1039670.482	ug/L	994304.053
	123	Sb	0.038277	16.578	428.837	ug/L	235.401
	135	Ba	3.394860	1.466	6139.714	ug/L	183.670
>	165	Ho-1			1361407.233	ug/L	1276105.159
	205	Tl	0.020088	38.294	2457.903	ug/L	1936.818
	208	Pb	0.648445	2.726	20854.139	ug/L	3500.871
	238	U	0.011985	2.646	241.338	ug/L	35.667
>	45	Sc-2			486355.596	ug/L	467697.114
	53	Cr	71.401230	17.136	380724.082	ug/L	319041.768
	54	Fe	115.405009	3.990	102651.521	ug/L	42890.999
	61	Ni	1.766726	27.051	1243.400	ug/L	1069.051
	63	Cu	4.002590	1.156	15782.538	ug/L	321.674
	67	Zn	96.413122	4.389	41949.627	ug/L	21519.078
>	72	Ge			603328.329	ug/L	592936.498
	77	Se	0.292423	3438.376	13632.176	ug/L	13366.987
	98	Mo	0.039993	7.777	294.744	ug/L	95.062
	109	Ag	0.004929	44.953	166.336	ug/L	120.002
>	115	In-2			1039670.482	ug/L	994304.053
	114	Cd	0.017490	21.274	127.645	ug/L	53.748
	121	Sb	0.036276	13.034	568.684	ug/L	329.340
	137	Ba	3.486431	1.195	10603.039	ug/L	281.339
>	165	Ho-2			1361407.233	ug/L	1276105.159
	182	W	0.009568	20.622	547.349	ug/L	457.679
	183	W	0.010166	90.674	304.673	ug/L	253.338
	194	Pt	0.002573	111.248	94.335	ug/L	76.668
	195	Pt	0.000758	84.015	55.001	ug/L	48.001
	203	Tl	0.021928	31.271	1012.046	ug/L	780.029
	206	Pb	0.657602	3.121	5445.426	ug/L	888.037
	207	Pb	0.640183	1.506	4456.406	ug/L	745.027
>	45	Sc			486355.596	ug/L	467697.114
	47	Ti	1.508357	3.161	1685.116	ug/L	647.355
	86	Sr	5.794322	2.091	13368.821	ug/L	151.307
	88	Sr	5.730600	1.465	113516.037	ug/L	1301.072
>	115	In			1039670.482	ug/L	994304.053
	118	Sn	0.169726	8.009	1280.737	ug/L	357.341

L	120 Sn	0.178411	9.019	1797.164	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
⌈	Be	9		
|	B	10		
|	Na	23		
|	Mg	24		
|	Al	27		
|	K	39		
|	Ca	44		
|>	Sc-1	45	103.989	
|	V	51		
|	Cr	52		
|	Mn	55		
|	Fe	57		
|	Co	59		
|	Ni	60		
|	Cu	65		
L	Zn	66		
⌈>	Ge-1	72	101.753	
|	As	75		
L	Se	82		
⌈	Mo	97		
|	Ag	107		
|	Cd	111		
|>	In-1	115	104.563	
L	Sb	123		
⌈	Ba	135		
|>	Ho-1	165	106.685	
|	Tl	205		
|	Pb	208		
L	U	238		
⌈>	Sc-2	45	103.989	
|	Cr	53		
|	Fe	54		
|	Ni	61		
|	Cu	63		
L	Zn	67		
⌈>	Ge	72	101.753	
L	Se	77		
⌈	Mo	98		
|	Ag	109		
|>	In-2	115	104.563	
|	Cd	114		
L	Sb	121		
⌈	Ba	137		
|>	Ho-2	165	106.685	
|	W	182		
|	W	183		
|	Pt	194		
|	Pt	195		
|	Tl	203		
|	Pb	206		
L	Pb	207		
⌈>	Sc	45	103.989	
|	Ti	47		
|	Sr	86		
L	Sr	88		
⌈>	In	115	104.563	
|	Sn	118		
L	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 6
Sample Date/Time: Thursday, May 24, 2007 19:56:42
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 6.113

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	186.353257	3.452	28725.816	ug/L	3.000
	10	B	183.271438	1.920	6505.546	ug/L	90.668
	23	Na	1915.593038	0.782	9104477.716	ug/L	24909.622
	24	Mg	997.950433	0.651	3221921.874	ug/L	6273.773
	27	Al	1914.727556	0.986	8874779.759	ug/L	15227.265
	39	K	1877.592071	0.916	13683656.397	ug/L	707925.205
	44	Ca	1035.278297	1.168	290249.477	ug/L	48369.900
>	45	Sc-1			471687.480	ug/L	467697.114
	51	V	174.444503	1.110	1418640.639	ug/L	-17188.401
	52	Cr	186.743086	1.489	1316531.478	ug/L	43700.177
	55	Mn	182.315720	0.993	1897086.267	ug/L	3939.583
	57	Fe	2032.428303	1.962	386696.243	ug/L	6563.304
	59	Co	183.291346	1.571	1343961.601	ug/L	70.668
	60	Ni	181.293651	1.401	289529.834	ug/L	205.004
	65	Cu	183.418455	0.776	349521.731	ug/L	201.670
	66	Zn	181.709112	1.182	204926.451	ug/L	3569.482
>	72	Ge-1			574312.503	ug/L	592936.498
	75	As	192.865378	1.810	259637.382	ug/L	-502.888
	82	Se	193.437886	2.048	28059.032	ug/L	-70.642
	97	Mo	185.782182	3.033	339103.529	ug/L	69.001
	107	Ag	47.390925	1.195	376426.643	ug/L	109.002
	111	Cd	188.761058	1.159	332929.429	ug/L	35.667
>	115	In-1			999204.107	ug/L	994304.053
	123	Sb	184.928259	2.215	848796.321	ug/L	235.401
	135	Ba	178.985473	1.094	297854.374	ug/L	183.670
>	165	Ho-1			1293218.631	ug/L	1276105.159
	205	Tl	178.745339	3.517	3311800.212	ug/L	1936.818
	208	Pb	185.868794	0.984	4665115.017	ug/L	3500.871
	238	U	182.496236	1.805	2940455.166	ug/L	35.667
>	45	Sc-2			471687.480	ug/L	467697.114
	53	Cr	133.230847	13.421	410142.605	ug/L	319041.768
	54	Fe	2016.874372	1.806	1027382.518	ug/L	42890.999
	61	Ni	180.790219	1.184	14128.458	ug/L	1069.051
	63	Cu	181.865765	0.909	681088.771	ug/L	321.674
	67	Zn	167.830950	1.144	54736.220	ug/L	21519.078
>	72	Ge			574312.503	ug/L	592936.498
	77	Se	180.249567	1.612	31889.732	ug/L	13366.987
	98	Mo	184.117151	1.823	864330.500	ug/L	95.062
	109	Ag	46.524533	1.171	371072.894	ug/L	120.002
>	115	In-2			999204.107	ug/L	994304.053
	114	Cd	191.937656	1.422	754404.185	ug/L	53.748
	121	Sb	186.854564	1.943	1111267.023	ug/L	329.340
	137	Ba	182.726030	0.689	513245.983	ug/L	281.339
>	165	Ho-2			1293218.631	ug/L	1276105.159
	182	W	184.704868	2.488	1082993.945	ug/L	457.679
	183	W	183.864886	1.371	592747.229	ug/L	253.338
	194	Pt	188.585909	2.049	871547.795	ug/L	76.668
	195	Pt	188.976146	0.875	895528.907	ug/L	48.001
	203	Tl	179.998394	1.909	1402560.270	ug/L	780.029
	206	Pb	191.764740	0.940	1246991.103	ug/L	888.037
	207	Pb	186.438645	0.599	1013699.895	ug/L	745.027
>	45	Sc			471687.480	ug/L	467697.114
	47	Ti	189.424093	1.610	123862.889	ug/L	647.355
	86	Sr	187.291698	0.913	414320.425	ug/L	151.307
	88	Sr	183.903822	1.590	3492597.590	ug/L	1301.072
>	115	In			999204.107	ug/L	994304.053
	118	Sn	184.661646	0.841	948734.700	ug/L	357.341

120	Sn	186.113138	2.387	1289191.857	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		93.177
B	10		91.636
Na	23		95.780
Mg	24		99.795
Al	27		95.736
K	39		93.880
Ca	44		103.528
> Sc-1	45	100.853	
V	51		87.222
Cr	52		93.372
Mn	55		91.158
Fe	57		101.621
Co	59		91.646
Ni	60		90.647
Cu	65		91.709
Zn	66		90.855
> Ge-1	72	96.859	
As	75		96.443
Se	82		96.719
Mo	97		92.891
Ag	107		94.782
Cd	111		94.381
> In-1	115	100.493	
Sb	123		92.464
Ba	135		89.493
> Ho-1	165	101.341	
Tl	205		89.373
Pb	208		92.934
U	238		91.248
> Sc-2	45	100.853	
Cr	53		66.615
Fe	54		100.844
Ni	61		90.395
Cu	63		90.933
Zn	67		83.915
> Ge	72	96.859	
Se	77		90.125
Mo	98		92.059
Ag	109		93.049
> In-2	115	100.493	
Cd	114		95.969
Sb	121		93.427
Ba	137		91.363
> Ho-2	165	101.341	
W	182		92.352
W	183		91.932
Pt	194		94.293
Pt	195		94.468
Tl	203		89.999
Pb	206		95.882
Pb	207		93.219
> Sc	45	100.853	
Tl	47		94.712
Sr	86		93.646
Sr	88		91.952
> In	115	100.493	
Sn	118		92.331
Sn	120		93.057

QC Out Of Limits

Analyte	Mass	Out of Limits Message
V	51	Q
Ba	135	Q
Tl	205	Q
Cr	53	Q
Zn	67	Q
Tl	203	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 7
Sample Date/Time: Thursday, May 24, 2007 20:03:19
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 7.114

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.011250	67.524	4.667	ug/L	3.000
	10	B	2.165757	34.519	164.003	ug/L	90.668
	23	Na	-0.177324	39.316	23799.713	ug/L	24909.622
	24	Mg	-0.041281	88.456	6071.684	ug/L	6273.773
	27	Al	-0.618056	4.713	12249.706	ug/L	15227.265
	39	K	-2.078574	67.173	685741.739	ug/L	707925.205
	44	Ca	-28.407800	5.598	41320.418	ug/L	48369.900
>	45	Sc-1			462357.088	ug/L	467697.114
	51	V	1.117313	9.348	-7976.621	ug/L	-17188.401
	52	Cr	-1.063147	14.685	36094.918	ug/L	43700.177
	55	Mn	-0.141948	3.972	2449.568	ug/L	3939.583
	57	Fe	-2.761615	11.455	5981.796	ug/L	6563.304
	59	Co	0.006002	24.069	113.002	ug/L	70.668
	60	Ni	-0.002742	441.884	198.337	ug/L	205.004
	65	Cu	-0.009340	108.924	182.003	ug/L	201.670
	66	Zn	-0.540690	6.293	2941.332	ug/L	3569.482
>	72	Ge-1			567334.290	ug/L	592936.498
	75	As	0.620554	56.967	345.867	ug/L	-502.888
	82	Se	0.186601	172.481	-40.811	ug/L	-70.642
	97	Mo	0.086180	52.193	222.004	ug/L	69.001
	107	Ag	0.005540	23.119	150.336	ug/L	109.002
	111	Cd	0.005929	20.799	45.334	ug/L	35.667
>	115	In-1			978082.268	ug/L	994304.053
	123	Sb	0.037329	21.534	399.466	ug/L	235.401
	135	Ba	-0.004272	175.033	178.670	ug/L	183.670
>	165	Ho-1			1291142.587	ug/L	1276105.159
	205	Tl	0.287373	42.952	7266.372	ug/L	1936.818
	208	Pb	-0.019953	38.306	3041.825	ug/L	3500.871
	238	U	0.007828	2.476	162.003	ug/L	35.667
>	45	Sc-2			462357.088	ug/L	467697.114
	53	Cr	-78.154322	6.816	264506.998	ug/L	319041.768
	54	Fe	-4.722376	93.335	40142.916	ug/L	42890.999
	61	Ni	-0.674554	117.188	1009.379	ug/L	1069.051
	63	Cu	-0.006096	47.826	295.673	ug/L	321.674
	67	Zn	-4.886825	21.675	20329.658	ug/L	21519.078
>	72	Ge			567334.290	ug/L	592936.498
	77	Se	-49.263404	13.299	7674.901	ug/L	13366.987
	98	Mo	0.092238	36.554	517.781	ug/L	95.062
	109	Ag	0.023646	21.638	302.673	ug/L	120.002
>	115	In-2			978082.268	ug/L	994304.053
	114	Cd	0.012128	5.041	99.537	ug/L	53.748
	121	Sb	0.035347	17.777	529.682	ug/L	329.340
	137	Ba	-0.006678	77.117	266.005	ug/L	281.339
>	165	Ho-2			1291142.587	ug/L	1276105.159
	182	W	0.243240	32.832	1884.815	ug/L	457.679
	183	W	0.241770	34.480	1033.383	ug/L	253.338
	194	Pt	0.006746	18.949	108.668	ug/L	76.668
	195	Pt	0.005874	17.024	76.334	ug/L	48.001
	203	Tl	0.300486	43.384	3122.729	ug/L	780.029
	206	Pb	-0.018992	44.341	775.029	ug/L	888.037
	207	Pb	-0.019580	63.314	647.355	ug/L	745.027
>	45	Sc			462357.088	ug/L	467697.114
	47	Ti	-0.099301	25.047	576.684	ug/L	647.355
	86	Sr	0.002265	712.863	154.456	ug/L	151.307
	88	Sr	0.002123	32.226	1325.741	ug/L	1301.072
>	115	In			978082.268	ug/L	994304.053
	118	Sn	0.032355	24.842	514.348	ug/L	357.341

120 Sn	0.029601	27.068	681.421	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		1.125
B	10		216.576
Na	23		-0.177
Mg	24		-0.041
Al	27		-0.818
K	39		-2.079
Ca	44		-28.408
> Sc-1	45	98.858	
V	51		111.731
Cr	52		-106.315
Mn	55		-14.195
Fe	57		-2.762
Co	59		0.600
Ni	60		-0.274
Cu	65		-0.934
Zn	66		-54.069
> Ge-1	72	95.682	
As	75		62.055
Se	82		18.660
Mo	97		8.618
Ag	107		0.554
Cd	111		0.593
> In-1	115	98.369	
Sb	123		3.733
Ba	135		-0.427
> Ho-1	165	101.178	
Tl	205		28.737
Pb	208		-1.995
U	238		0.783
> Sc-2	45	98.858	
Cr	53		-7815.432
Fe	54		-4.722
Ni	61		-67.455
Cu	63		-0.610
Zn	67		-488.683
> Ge	72	95.682	
Se	77		-4926.340
Mo	98		9.224
Ag	109		2.365
> In-2	115	98.369	
Cd	114		1.213
Sb	121		3.535
Ba	137		-0.668
> Ho-2	165	101.178	
W	182		24.324
W	183		24.177
Pt	194		0.675
Pt	195		0.587
Tl	203		30.049
Pb	206		-1.899
Pb	207		-1.958
> Sc	45	98.858	
Tl	47		-9.930
Sr	86		0.226
Sr	88		0.212
> In	115	98.369	
Sn	118		3.236
Sn	120		2.960

QC Out Of Limits

Analyte	Mass	Out of Limits Message
B	10	Q
V	51	Q
Cr	52	Q
Cr	53	Q
Zn	67	Q
Se	77	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW3MLB
Sample Date/Time: Thursday, May 24, 2007 20:09:53
Autosampler Position: 74
Dataset File: D:\Elandata\Dataset\052407m1\JW3MLB.115

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.005362	118.292	4.000	ug/L	3.000
	10	B	1.069969	73.859	133.669	ug/L	90.668
	23	Na	2.435304	5.628	38077.059	ug/L	24909.622
	24	Mg	-0.394134	7.664	5252.685	ug/L	6273.773
	27	Al	-0.478658	12.802	13647.986	ug/L	15227.265
	39	K	-8.019367	18.842	683930.380	ug/L	707925.205
	44	Ca	-32.449217	6.263	42803.796	ug/L	48369.900
>	45	Sc-1			489938.440	ug/L	467697.114
	51	V	-1.229534	7.537	-28528.439	ug/L	-17188.401
	52	Cr	1.466542	14.327	56161.149	ug/L	43700.177
	55	Mn	-0.015778	14.166	3956.921	ug/L	3939.583
	57	Fe	-4.193049	11.828	6059.730	ug/L	6563.304
	59	Co	0.004205	17.714	106.001	ug/L	70.668
	60	Ni	0.044725	31.530	288.672	ug/L	205.004
	65	Cu	0.227664	5.820	661.355	ug/L	201.670
	66	Zn	-0.200186	52.472	3507.466	ug/L	3569.482
>	72	Ge-1			604961.723	ug/L	592936.498
	75	As	-0.551153	159.267	-1292.834	ug/L	-502.888
	82	Se	0.406771	66.423	-9.693	ug/L	-70.642
	97	Mo	0.029175	33.340	127.335	ug/L	69.001
	107	Ag	0.006953	65.307	171.336	ug/L	109.002
	111	Cd	-0.000681	494.816	36.000	ug/L	35.667
>	115	In-1			1038202.968	ug/L	994304.053
	123	Sb	0.019484	2.145	338.712	ug/L	235.401
	135	Ba	0.091789	25.188	353.675	ug/L	183.670
>	165	Ho-1			1350443.189	ug/L	1276105.159
	205	Tl	0.094272	32.529	3874.239	ug/L	1936.818
	208	Pb	-0.010366	18.256	3433.196	ug/L	3500.871
	238	U	0.001202	41.056	58.001	ug/L	35.667
>	45	Sc-2			489938.440	ug/L	467697.114
	53	Cr	56.815902	30.060	373452.150	ug/L	319041.768
	54	Fe	67.999871	6.523	79380.104	ug/L	42890.999
	61	Ni	0.862649	38.739	1184.394	ug/L	1069.051
	63	Cu	0.221114	3.518	1196.395	ug/L	321.674
	67	Zn	38.704636	19.308	30465.838	ug/L	21519.078
>	72	Ge			604961.723	ug/L	592936.498
	77	Se	-14.387798	44.880	12046.308	ug/L	13366.987
	98	Mo	0.031990	12.080	255.336	ug/L	95.062
	109	Ag	0.020470	19.714	295.006	ug/L	120.002
>	115	In-2			1038202.968	ug/L	994304.053
	114	Cd	0.004718	21.284	75.403	ug/L	53.748
	121	Sb	0.013556	14.425	427.677	ug/L	329.340
	137	Ba	0.083440	8.705	542.349	ug/L	281.339
>	165	Ho-2			1350443.189	ug/L	1276105.159
	182	W	0.092281	15.911	1049.383	ug/L	457.679
	183	W	0.081059	23.057	541.016	ug/L	253.338
	194	Pt	0.003626	70.109	98.668	ug/L	76.668
	195	Pt	0.002731	65.473	64.334	ug/L	48.001
	203	Tl	0.100415	28.679	1642.779	ug/L	780.029
	206	Pb	-0.010958	42.953	865.368	ug/L	888.037
	207	Pb	-0.006763	53.421	750.027	ug/L	745.027
>	45	Sc			489938.440	ug/L	467697.114
	47	Ti	0.057587	79.764	717.359	ug/L	647.355
	86	Sr	0.027647	29.077	221.810	ug/L	151.307
	88	Sr	-0.000984	165.445	1343.410	ug/L	1301.072
>	115	In			1038202.968	ug/L	994304.053
	118	Sn	0.146163	1.240	1153.058	ug/L	357.341

120 Sn	0.139925	8.486	1516.818	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	104.755	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	102.028	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	104.415	
Sb	123		
Ba	135		
Ho-1	165	105.825	
Tl	205		
Pb	208		
U	238		
Sc-2	45	104.755	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	102.028	
Se	77		
Mo	98		
Ag	109		
In-2	115	104.415	
Cd	114		
Sb	121		
Ba	137		
Ho-2	165	105.825	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	104.755	
Tl	47		
Sr	86		
Sr	88		
In	115	104.415	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW3MLC
Sample Date/Time: Thursday, May 24, 2007 20:15:56
Autosampler Position: 75
Dataset File: D:\Elandata\Dataset\052407m1\JW3MLC.116

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	472.988276	0.798	74939.817	ug/L	3.000
	10	B	956.719647	1.214	34504.301	ug/L	90.668
	23	Na	9952.848686	3.049	48500190.398	ug/L	24909.622
	24	Mg	10030.557395	2.419	33216368.443	ug/L	6273.773
	27	Al	500.662687	1.769	2396005.115	ug/L	15227.265
	39	K	9584.426876	2.159	68763404.381	ug/L	707925.205
	44	Ca	9837.009127	1.330	2407942.603	ug/L	48369.900
>	45	Sc-1			484706.021	ug/L	467697.114
	51	V	437.859571	1.920	3686072.055	ug/L	-17188.401
	52	Cr	458.513415	1.884	3255984.924	ug/L	43700.177
	55	Mn	469.790147	2.079	5016758.216	ug/L	3939.583
	57	Fe	497.842618	0.723	102486.460	ug/L	6563.304
	59	Co	452.194411	1.618	3407175.223	ug/L	70.668
	60	Ni	444.485229	0.685	729195.186	ug/L	205.004
	65	Cu	434.907845	1.207	851364.380	ug/L	201.670
	66	Zn	422.673953	0.474	484963.438	ug/L	3569.482
>	72	Ge-1			577544.846	ug/L	592936.498
	75	As	495.055152	1.281	670857.497	ug/L	-502.888
	82	Se	459.756292	1.196	67167.553	ug/L	-70.642
	97	Mo	495.797104	0.351	925515.568	ug/L	69.001
	107	Ag	121.871709	0.824	988180.697	ug/L	109.002
	111	Cd	475.437810	0.649	857520.923	ug/L	35.667
>	115	In-1			1021730.050	ug/L	994304.053
	123	Sb	444.306278	0.893	2085406.235	ug/L	235.401
	135	Ba	447.766490	0.743	765603.087	ug/L	183.670
>	165	Ho-1			1329135.059	ug/L	1276105.159
	205	Tl	463.795125	2.421	8829333.225	ug/L	1936.818
	208	Pb	469.595417	0.935	12108436.498	ug/L	3500.871
	238	U	982.072409	2.075	16262353.390	ug/L	35.667
>	45	Sc-2			484706.021	ug/L	467697.114
	53	Cr	571.273638	2.621	720473.500	ug/L	319041.768
	54	Fe	596.655829	0.940	343657.182	ug/L	42890.999
	61	Ni	456.427009	1.579	34964.421	ug/L	1069.051
	63	Cu	435.288973	1.140	1674772.109	ug/L	321.674
	67	Zn	450.913344	1.759	113498.567	ug/L	21519.078
>	72	Ge			577544.846	ug/L	592936.498
	77	Se	422.605388	1.469	57689.244	ug/L	13366.987
	98	Mo	470.414366	0.247	2258317.692	ug/L	95.062
	109	Ag	126.086611	1.380	1028237.953	ug/L	120.002
>	115	In-2			1021730.050	ug/L	994304.053
	114	Cd	463.490977	0.995	1862746.558	ug/L	53.748
	121	Sb	461.675996	0.576	2807620.603	ug/L	329.340
	137	Ba	440.863316	0.754	1272259.555	ug/L	281.339
>	165	Ho-2			1329135.059	ug/L	1276105.159
	182	W	929.584716	2.059	5600110.056	ug/L	457.679
	183	W	907.166062	1.238	3004726.214	ug/L	253.338
	194	Pt	875.514645	1.197	4158690.974	ug/L	76.668
	195	Pt	892.404432	1.381	4346032.454	ug/L	48.001
	203	Tl	450.857977	1.940	3609758.109	ug/L	780.029
	206	Pb	466.147786	0.539	3114294.718	ug/L	888.037
	207	Pb	476.313288	1.143	2660503.715	ug/L	745.027
>	45	Sc			484706.021	ug/L	467697.114
	47	Ti	962.579668	1.778	644109.816	ug/L	647.355
	86	Sr	468.262828	0.603	1064332.818	ug/L	151.307
	88	Sr	474.638329	0.424	9260727.843	ug/L	1301.072
>	115	In			1021730.050	ug/L	994304.053
	118	Sn	927.897561	0.251	4873318.300	ug/L	357.341

120	Sn	946.826397	0.688	6705747.900	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		
	B	10		
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	103.637	
	V	51		
	Cr	52		
	Mn	55		
	Fe	57		
	Co	59		
	Ni	60		
	Cu	65		
	Zn	66		
>	Ge-1	72	97.404	
	As	75		
	Se	82		
	Mo	97		
	Ag	107		
	Cd	111		
>	In-1	115	102.758	
	Sb	123		
	Ba	135		
>	Ho-1	165	104.156	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	103.637	
	Cr	53		
	Fe	54		
	Ni	61		
	Cu	63		
	Zn	67		
>	Ge	72	97.404	
	Se	77		
	Mo	98		
	Ag	109		
>	In-2	115	102.758	
	Cd	114		
	Sb	121		
	Ba	137		
>	Ho-2	165	104.156	
	W	182		
	W	183		
	Pt	194		
	Pt	195		
	Tl	203		
	Pb	206		
	Pb	207		
>	Sc	45	103.637	
	Ti	47		
	Sr	86		
	Sr	88		
>	In	115	102.758	
	Sn	118		
	Sn	120		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRGX
Sample Date/Time: Thursday, May 24, 2007 20:22:00
Autosampler Position: 76
Dataset File: D:\Elandata\Dataset\052407m1\JWRGX.117

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.000291	6066.770	3.000	ug/L	3.000
	10	B	200.617121	1.950	6961.766	ug/L	90.668
	23	Na	23518.756726	1.332	109136403.206	ug/L	24909.622
	24	Mg	4330.016104	1.867	13662706.321	ug/L	6273.773
	27	Al	0.116158	61.005	15555.955	ug/L	15227.265
	39	K	494.538871	2.426	4042393.146	ug/L	707925.205
	44	Ca	8734.065975	0.318	2041786.927	ug/L	48369.900
>	45	Sc-1			461667.568	ug/L	467697.114
	51	V	6.077366	16.297	31972.227	ug/L	-17188.401
	52	Cr	47.234667	0.491	358192.253	ug/L	43700.177
	55	Mn	1.180550	0.821	15887.322	ug/L	3939.583
	57	Fe	-22.583698	2.113	2344.122	ug/L	6563.304
	59	Co	0.047097	6.768	407.677	ug/L	70.668
	60	Ni	0.269893	7.871	624.020	ug/L	205.004
	65	Cu	0.171490	15.071	518.681	ug/L	201.670
	66	Zn	0.915771	11.747	4517.093	ug/L	3569.482
>	72	Ge-1			567279.152	ug/L	592936.498
	75	As	7.324652	2.527	9275.919	ug/L	-502.888
	82	Se	0.313947	59.159	-22.484	ug/L	-70.642
	97	Mo	1.007278	2.187	1853.472	ug/L	69.001
	107	Ag	0.009777	51.358	182.003	ug/L	109.002
	111	Cd	0.037043	21.092	98.335	ug/L	35.667
>	115	In-1			970530.078	ug/L	994304.053
	123	Sb	0.055208	18.836	476.047	ug/L	235.401
	135	Ba	0.811177	1.686	1534.098	ug/L	183.670
>	165	Ho-1			1292171.689	ug/L	1276105.159
	205	Tl	0.687889	44.756	14710.165	ug/L	1936.818
	208	Pb	-0.010253	55.808	3288.512	ug/L	3500.871
	238	U	2.033432	1.872	32777.235	ug/L	35.667
>	45	Sc-2			461667.568	ug/L	467697.114
	53	Cr	-47.547657	3.855	284020.120	ug/L	319041.768
	54	Fe	-1.427107	328.236	41650.888	ug/L	42890.999
	61	Ni	0.077611	306.233	1060.717	ug/L	1069.051
	63	Cu	0.208388	10.482	1080.718	ug/L	321.674
	67	Zn	-2.805062	43.246	20700.528	ug/L	21519.078
>	72	Ge			567279.152	ug/L	592936.498
	77	Se	-74.897837	5.298	5013.095	ug/L	13366.987
	98	Mo	1.053288	5.608	4896.475	ug/L	95.062
	109	Ag	0.037726	29.338	409.677	ug/L	120.002
>	115	In-2			970530.078	ug/L	994304.053
	114	Cd	0.039388	24.667	202.972	ug/L	53.748
	121	Sb	0.034976	24.261	523.682	ug/L	329.340
	137	Ba	0.832316	1.362	2619.600	ug/L	281.339
>	165	Ho-2			1292171.689	ug/L	1276105.159
	182	W	1.948430	9.510	11878.419	ug/L	457.679
	183	W	1.888471	9.117	6339.478	ug/L	253.338
	194	Pt	0.019017	70.961	165.669	ug/L	76.668
	195	Pt	0.021175	45.208	149.002	ug/L	48.001
	203	Tl	0.683500	45.474	6117.512	ug/L	780.029
	206	Pb	-0.004922	151.586	867.368	ug/L	888.037
	207	Pb	-0.004710	219.289	729.026	ug/L	745.027
>	45	Sc			461667.568	ug/L	467697.114
	47	Ti	0.308952	3.056	835.699	ug/L	647.355
	86	Sr	342.791280	0.340	742124.321	ug/L	151.307
	88	Sr	342.583267	0.190	6366943.749	ug/L	1301.072
>	115	In			970530.078	ug/L	994304.053
	118	Sn	0.069717	29.655	697.024	ug/L	357.341

└	120 Sn	0.068401	20.874	937.480	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
┌	Be	9		
│	B	10		
│	Na	23		
│	Mg	24		
│	Al	27		
│	K	39		
│	Ca	44		
│>	Sc-1	45	98.711	
│	V	51		
│	Cr	52		
│	Mn	55		
│	Fe	57		
│	Co	59		
│	Ni	60		
│	Cu	65		
└	Zn	66		
┌>	Ge-1	72	95.673	
│	As	75		
└	Se	82		
┌	Mo	97		
│	Ag	107		
│	Cd	111		
│>	In-1	115	97.609	
└	Sb	123		
┌	Ba	135		
│>	Ho-1	165	101.259	
│	Tl	205		
│	Pb	208		
└	U	238		
┌>	Sc-2	45	98.711	
│	Cr	53		
│	Fe	54		
│	Ni	61		
│	Cu	63		
└	Zn	67		
┌>	Ge	72	95.673	
└	Se	77		
┌	Mo	98		
│	Ag	109		
│>	In-2	115	97.609	
│	Cd	114		
└	Sb	121		
┌	Ba	137		
│>	Ho-2	165	101.259	
│	W	182		
│	W	183		
│	Pt	194		
│	Pt	195		
│	Tl	203		
│	Pb	206		
└	Pb	207		
┌>	Sc	45	98.711	
│	Tl	47		
│	Sr	86		
└	Sr	88		
┌>	In	115	97.609	
│	Sn	118		
└	Sn	120		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRGXS
Sample Date/Time: Thursday, May 24, 2007 20:28:05
Autosampler Position: 77
Dataset File: D:\Elandata\Dataset\052407m1\JWRGXS.118

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	1.127346	8.925	175.336	ug/L	3.000
	10	B	237.490349	1.570	8336.849	ug/L	90.668
	23	Na	24366.174145	2.483	114595697.512	ug/L	24909.622
	24	Mg	5403.123229	2.111	17277608.168	ug/L	6273.773
	27	Al	50.490525	2.364	246971.280	ug/L	15227.265
	39	K	1682.444904	0.965	12238006.711	ug/L	707925.205
	44	Ca	9603.808957	1.187	2270759.334	ug/L	48369.900
>	45	Sc-1			467963.525	ug/L	467697.114
	51	V	17.605168	2.776	126605.724	ug/L	-17188.401
	52	Cr	51.036293	0.622	388793.090	ug/L	43700.177
	55	Mn	12.897340	1.054	136811.743	ug/L	3939.583
	57	Fe	1.089759	46.892	6769.842	ug/L	6563.304
	59	Co	11.881109	1.685	86494.934	ug/L	70.668
	60	Ni	11.527207	1.586	18456.433	ug/L	205.004
	65	Cu	5.769349	0.829	11102.757	ug/L	201.670
	66	Zn	11.338536	3.433	16034.156	ug/L	3569.482
>	72	Ge-1			570427.930	ug/L	592936.498
	75	As	58.419938	0.793	77765.233	ug/L	-502.888
	82	Se	44.380419	0.197	6342.817	ug/L	-70.642
	97	Mo	25.798260	0.497	45571.032	ug/L	69.001
	107	Ag	1.413530	2.134	10950.972	ug/L	109.002
	111	Cd	1.302461	1.681	2254.534	ug/L	35.667
>	115	In-1			965551.254	ug/L	994304.053
	123	Sb	12.416767	2.542	55283.056	ug/L	235.401
	135	Ba	46.861803	0.373	76130.431	ug/L	183.670
>	165	Ho-1			1260172.685	ug/L	1276105.159
	205	Tl	47.393617	2.306	857052.100	ug/L	1936.818
	208	Pb	12.105689	1.507	299287.243	ug/L	3500.871
	238	U	50.631511	1.639	794918.932	ug/L	35.667
>	45	Sc-2			467963.525	ug/L	467697.114
	53	Cr	-30.697100	12.032	298985.360	ug/L	319041.768
	54	Fe	24.092292	24.065	54583.530	ug/L	42890.999
	61	Ni	13.293623	7.487	2021.830	ug/L	1069.051
	63	Cu	5.923106	2.185	22316.977	ug/L	321.674
	67	Zn	7.359488	6.612	22968.012	ug/L	21519.078
>	72	Ge			570427.930	ug/L	592936.498
	77	Se	-11.440522	34.702	11667.190	ug/L	13366.987
	98	Mo	25.694328	1.629	116634.938	ug/L	95.062
	109	Ag	1.932614	2.671	15010.706	ug/L	120.002
>	115	In-2			965551.254	ug/L	994304.053
	114	Cd	1.268987	2.132	4870.589	ug/L	53.748
	121	Sb	12.527908	2.256	72292.867	ug/L	329.340
	137	Ba	47.865783	1.081	131208.132	ug/L	281.339
>	165	Ho-2			1260172.685	ug/L	1276105.159
	182	W	50.259027	1.788	287474.201	ug/L	457.679
	183	W	49.935834	1.040	157050.125	ug/L	253.338
	194	Pt	49.844519	1.806	224525.637	ug/L	76.668
	195	Pt	50.065525	0.690	231222.315	ug/L	48.001
	203	Tl	47.067151	1.710	357956.595	ug/L	780.029
	206	Pb	12.094804	1.281	77456.523	ug/L	888.037
	207	Pb	12.165666	1.546	65141.849	ug/L	745.027
>	45	Sc			467963.525	ug/L	467697.114
	47	Ti	48.248348	1.140	31786.311	ug/L	647.355
	86	Sr	354.506889	0.435	777939.775	ug/L	151.307
	88	Sr	350.624883	1.598	6604558.071	ug/L	1301.072
>	115	In			965551.254	ug/L	994304.053
	118	Sn	49.232953	2.011	244629.543	ug/L	357.341

120	Sn	49.505902	1.592	331734.255	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	100.057	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	96.204	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	97.108	
Sb	123		
Ba	135		
Ho-1	165	98.751	
Tl	205		
Pb	208		
U	238		
Sc-2	45	100.057	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	96.204	
Se	77		
Mo	98		
Ag	109		
In-2	115	97.108	
Cd	114		
Sb	121		
Ba	137		
Ho-2	165	98.751	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	100.057	
Ti	47		
Sr	86		
Sr	88		
In	115	97.108	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRGXD
Sample Date/Time: Thursday, May 24, 2007 20:34:10
Autosampler Position: 78
Dataset File: D:\Elandata\Dataset\052407m1\JWRGXD.119

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	1.223615	1.789	191.337	ug/L	3.000
	10	B	239.100054	2.486	8441.911	ug/L	90.668
	23	Na	24339.796822	4.986	115111898.685	ug/L	24909.622
	24	Mg	5392.757132	3.252	17343789.269	ug/L	6273.773
	27	Al	51.313197	3.083	252211.968	ug/L	15227.265
	39	K	1688.021745	1.373	12349881.453	ug/L	707925.205
	44	Ca	9686.799240	2.398	2298723.938	ug/L	48369.900
>	45	Sc-1			470793.973	ug/L	467697.114
	51	V	16.795681	0.384	120711.865	ug/L	-17188.401
	52	Cr	50.513679	2.206	387494.195	ug/L	43700.177
	55	Mn	13.187348	2.056	140616.408	ug/L	3939.583
	57	Fe	-0.281030	198.358	6553.993	ug/L	6563.304
	59	Co	12.003675	2.569	87898.479	ug/L	70.668
	60	Ni	11.501676	2.584	18523.521	ug/L	205.004
	65	Cu	5.887186	3.312	11390.320	ug/L	201.670
	66	Zn	10.881158	3.727	15622.027	ug/L	3569.482
>	72	Ge-1			571756.404	ug/L	592936.498
	75	As	59.340166	2.297	79183.438	ug/L	-502.888
	82	Se	44.653352	1.284	6396.984	ug/L	-70.642
	97	Mo	25.358864	0.824	45840.890	ug/L	69.001
	107	Ag	1.408548	1.213	11169.477	ug/L	109.002
	111	Cd	1.293237	0.798	2290.873	ug/L	35.667
>	115	In-1			988035.102	ug/L	994304.053
	123	Sb	12.261866	0.814	55879.412	ug/L	235.401
	135	Ba	46.897648	1.835	77744.796	ug/L	183.670
>	165	Ho-1			1285917.077	ug/L	1276105.159
	205	Tl	47.228364	1.200	871697.434	ug/L	1936.818
	208	Pb	12.207296	0.694	307968.232	ug/L	3500.871
	238	U	51.263022	0.648	821379.200	ug/L	35.667
>	45	Sc-2			470793.973	ug/L	467697.114
	53	Cr	-30.289321	34.927	300997.688	ug/L	319041.768
	54	Fe	25.135134	12.083	55434.879	ug/L	42890.999
	61	Ni	13.665930	8.267	2061.170	ug/L	1069.051
	63	Cu	5.962540	2.006	22597.753	ug/L	321.674
	67	Zn	3.434935	72.106	22331.331	ug/L	21519.078
>	72	Ge			571756.404	ug/L	592936.498
	77	Se	-4.572765	78.446	12409.578	ug/L	13366.987
	98	Mo	25.481722	1.357	118380.629	ug/L	95.062
	109	Ag	1.884558	1.900	14978.666	ug/L	120.002
>	115	In-2			988035.102	ug/L	994304.053
	114	Cd	1.274015	3.571	5004.250	ug/L	53.748
	121	Sb	12.433970	0.424	73438.344	ug/L	329.340
	137	Ba	47.391861	1.168	132571.987	ug/L	281.339
>	165	Ho-2			1285917.077	ug/L	1276105.159
	182	W	49.895817	0.897	291270.701	ug/L	457.679
	183	W	49.723379	1.287	159587.080	ug/L	253.338
	194	Pt	49.110705	0.697	225774.111	ug/L	76.668
	195	Pt	49.410121	0.171	232864.203	ug/L	48.001
	203	Tl	47.578796	3.154	369268.852	ug/L	780.029
	206	Pb	12.088999	0.334	79009.341	ug/L	888.037
	207	Pb	12.171034	1.808	66505.469	ug/L	745.027
>	45	Sc			470793.973	ug/L	467697.114
	47	Ti	48.438433	2.785	32093.333	ug/L	647.355
	86	Sr	361.925316	0.594	798994.424	ug/L	151.307
	88	Sr	356.821202	1.726	6761370.244	ug/L	1301.072
>	115	In			988035.102	ug/L	994304.053
	118	Sn	49.217741	0.103	250304.625	ug/L	357.341

120 Sn	48.766468	1.452	334442.658	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	100.662	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	96.428	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	99.370	
Sb	123		
Ba	135		
> Ho-1	165	100.769	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	100.662	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	96.428	
Se	77		
Mo	98		
Ag	109		
> In-2	115	99.370	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	100.769	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	100.662	
Tl	47		
Sr	86		
Sr	88		
> In	115	99.370	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRGXV
Sample Date/Time: Thursday, May 24, 2007 20:40:15
Autosampler Position: 79
Dataset File: D:\Elandata\Dataset\052407m1\JWRGXV.120

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	-0.011042	89.388	1.333	ug/L	3.000
	10	B	45.448715	2.055	1695.118	ug/L	90.668
	23	Na	4787.444746	3.037	22888641.082	ug/L	24909.622
	24	Mg	880.185379	2.558	2864001.656	ug/L	6273.773
	27	Al	-0.906706	4.923	11245.871	ug/L	15227.265
	39	K	90.266083	3.482	1347593.121	ug/L	707925.205
	44	Ca	1824.057313	0.996	477853.277	ug/L	48369.900
>	45	Sc-1			475276.016	ug/L	467697.114
	51	V	1.771655	12.654	-2774.757	ug/L	-17188.401
	52	Cr	8.791984	1.651	104775.539	ug/L	43700.177
	55	Mn	0.106291	5.431	5115.634	ug/L	3939.583
	57	Fe	-8.075728	6.615	5147.219	ug/L	6563.304
	59	Co	0.005767	39.180	114.335	ug/L	70.668
	60	Ni	0.052080	17.155	292.006	ug/L	205.004
	65	Cu	0.005964	149.357	216.337	ug/L	201.670
	66	Zn	-0.549798	15.456	3013.015	ug/L	3569.482
>	72	Ge-1			577852.693	ug/L	592936.498
	75	As	1.947863	10.906	2156.119	ug/L	-502.888
	82	Se	0.282845	62.257	-27.507	ug/L	-70.642
	97	Mo	0.208885	5.767	450.678	ug/L	69.001
	107	Ag	0.001826	71.271	124.002	ug/L	109.002
	111	Cd	0.001618	241.026	38.667	ug/L	35.667
>	115	In-1			999085.633	ug/L	994304.053
	123	Sb	0.014266	31.925	302.027	ug/L	235.401
	135	Ba	0.147232	11.938	429.011	ug/L	183.670
>	165	Ho-1			1286629.735	ug/L	1276105.159
	205	Tl	0.242073	31.172	6422.558	ug/L	1936.818
	208	Pb	-0.030827	8.468	2760.132	ug/L	3500.871
	238	U	0.425316	0.587	6854.046	ug/L	35.667
>	45	Sc-2			475276.016	ug/L	467697.114
	53	Cr	-72.652444	10.106	275575.608	ug/L	319041.768
	54	Fe	-3.242493	185.539	41984.150	ug/L	42890.999
	61	Ni	0.174544	538.384	1098.720	ug/L	1069.051
	63	Cu	0.005912	201.534	349.008	ug/L	321.674
	67	Zn	-10.114208	15.390	19860.662	ug/L	21519.078
>	72	Ge			577852.693	ug/L	592936.498
	77	Se	-42.382138	10.353	8538.901	ug/L	13366.987
	98	Mo	0.207127	5.696	1067.966	ug/L	95.062
	109	Ag	0.006947	22.051	176.003	ug/L	120.002
>	115	In-2			999085.633	ug/L	994304.053
	114	Cd	0.002668	161.554	64.557	ug/L	53.748
	121	Sb	0.004427	124.978	357.341	ug/L	329.340
	137	Ba	0.164330	2.511	742.693	ug/L	281.339
>	165	Ho-2			1286629.735	ug/L	1276105.159
	182	W	0.449051	5.897	3081.030	ug/L	457.679
	183	W	0.427550	4.718	1626.442	ug/L	253.338
	194	Pt	-0.002182	138.574	67.334	ug/L	76.668
	195	Pt	0.002384	53.301	59.667	ug/L	48.001
	203	Tl	0.252134	31.648	2744.301	ug/L	780.029
	206	Pb	-0.029068	27.497	707.358	ug/L	888.037
	207	Pb	-0.029671	8.056	590.685	ug/L	745.027
>	45	Sc			475276.016	ug/L	467697.114
	47	Ti	-0.082099	24.188	604.019	ug/L	647.355
	86	Sr	71.717572	0.528	159963.345	ug/L	151.307
	88	Sr	70.230048	1.675	1344699.111	ug/L	1301.072
>	115	In			999085.633	ug/L	994304.053
	118	Sn	0.015565	8.582	439.011	ug/L	357.341

120 Sn	0.013060	62.403	581.632	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		
	B	10		
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	101.620	
	V	51		
	Cr	52		
	Mn	55		
	Fe	57		
	Co	59		
	Ni	60		
	Cu	65		
	Zn	66		
>	Ge-1	72	97.456	
	As	75		
	Se	82		
	Mo	97		
	Ag	107		
	Cd	111		
>	In-1	115	100.481	
	Sb	123		
	Ba	135		
>	Ho-1	165	100.825	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	101.620	
	Cr	53		
	Fe	54		
	Ni	61		
	Cu	63		
	Zn	67		
>	Ge	72	97.456	
	Se	77		
	Mo	98		
	Ag	109		
>	In-2	115	100.481	
	Cd	114		
	Sb	121		
	Ba	137		
>	Ho-2	165	100.825	
	W	182		
	W	183		
	Pt	194		
	Pt	195		
	Tl	203		
	Pb	206		
	Pb	207		
>	Sc	45	101.620	
	Ti	47		
	Sr	86		
	Sr	88		
>	In	115	100.481	
	Sn	118		
	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRG3
Sample Date/Time: Thursday, May 24, 2007 20:46:21
Autosampler Position: 80
Dataset File: D:\Elandata\Dataset\052407m1\JWRG3.121

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	-0.004222	235.762	2.333	ug/L	3.000
	10	B	196.373625	3.536	6807.690	ug/L	90.668
	23	Na	24098.681509	0.188	111711055.229	ug/L	24909.622
	24	Mg	4463.353435	0.546	14068190.907	ug/L	6273.773
	27	Al	-0.396554	12.050	13220.247	ug/L	15227.265
	39	K	504.362268	1.481	4104172.976	ug/L	707925.205
	44	Ca	8955.884096	1.089	2090199.626	ug/L	48369.900
>	45	Sc-1			461190.885	ug/L	467697.114
	51	V	4.799067	17.674	21624.805	ug/L	-17188.401
	52	Cr	48.557024	3.349	366539.459	ug/L	43700.177
	55	Mn	1.284961	3.391	16927.527	ug/L	3939.583
	57	Fe	-20.203591	8.371	2774.550	ug/L	6563.304
	59	Co	0.041458	3.490	367.008	ug/L	70.668
	60	Ni	0.303266	4.606	675.356	ug/L	205.004
	65	Cu	0.186984	14.236	547.349	ug/L	201.670
	66	Zn	-0.521831	13.154	2954.335	ug/L	3569.482
>	72	Ge-1			574858.731	ug/L	592936.498
	75	As	7.357038	6.417	9443.033	ug/L	-502.888
	82	Se	0.485250	55.133	2.082	ug/L	-70.642
	97	Mo	0.927152	1.164	1717.787	ug/L	69.001
	107	Ag	0.002048	22.959	122.668	ug/L	109.002
	111	Cd	-0.002490	26.391	30.667	ug/L	35.667
>	115	In-1			974268.837	ug/L	994304.053
	123	Sb	0.034543	9.883	385.268	ug/L	235.401
	135	Ba	0.802049	1.129	1509.428	ug/L	183.670
>	165	Ho-1			1284132.785	ug/L	1276105.159
	205	Tl	0.098649	27.823	3763.206	ug/L	1936.818
	208	Pb	-0.040303	7.981	2519.112	ug/L	3500.871
	238	U	2.031108	0.921	32535.004	ug/L	35.667
>	45	Sc-2			461190.885	ug/L	467697.114
	53	Cr	-3.692729	101.656	312186.122	ug/L	319041.768
	54	Fe	3.307282	235.025	43839.075	ug/L	42890.999
	61	Ni	2.076553	36.873	1200.396	ug/L	1069.051
	63	Cu	0.209079	2.870	1082.385	ug/L	321.674
	67	Zn	-4.244330	24.411	20401.094	ug/L	21519.078
>	72	Ge			574858.731	ug/L	592936.498
	77	Se	-38.632004	12.075	8891.421	ug/L	13366.987
	98	Mo	0.920503	2.241	4306.682	ug/L	95.062
	109	Ag	0.004084	20.690	149.336	ug/L	120.002
>	115	In-2			974268.837	ug/L	994304.053
	114	Cd	0.005440	12.356	73.518	ug/L	53.748
	121	Sb	0.018217	26.428	428.344	ug/L	329.340
	137	Ba	0.850066	4.367	2652.606	ug/L	281.339
>	165	Ho-2			1284132.785	ug/L	1276105.159
	182	W	1.460576	2.302	8961.901	ug/L	457.679
	183	W	1.429375	2.029	4828.531	ug/L	253.338
	194	Pt	0.000683	421.202	80.334	ug/L	76.668
	195	Pt	0.001993	34.727	57.667	ug/L	48.001
	203	Tl	0.102568	28.616	1578.104	ug/L	780.029
	206	Pb	-0.039121	18.628	641.021	ug/L	888.037
	207	Pb	-0.036536	22.212	552.683	ug/L	745.027
>	45	Sc			461190.885	ug/L	467697.114
	47	Ti	0.325917	28.311	845.367	ug/L	647.355
	86	Sr	350.451253	1.275	757857.520	ug/L	151.307
	88	Sr	344.241832	1.319	6390505.028	ug/L	1301.072
>	115	In			974268.837	ug/L	994304.053
	118	Sn	0.005626	69.793	378.342	ug/L	357.341

120	Sn	0.003873	164.553	504.968	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	98.609	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	96.951	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	97.985	
Sb	123		
Ba	135		
> Ho-1	165	100.629	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	98.609	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	96.951	
Se	77		
Mo	98		
Ag	109		
> In-2	115	97.985	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	100.629	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	98.609	
Ti	47		
Sr	86		
Sr	88		
> In	115	97.985	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRG3S
Sample Date/Time: Thursday, May 24, 2007 20:52:28
Autosampler Position: 81
Dataset File: D:\Elandata\Dataset\052407m1\JWRG3S.122

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	1.236315	8.037	197.337	ug/L	3.000
	10	B	240.326237	1.396	8664.380	ug/L	90.668
	23	Na	24163.770897	2.408	116723848.037	ug/L	24909.622
	24	Mg	5371.366670	1.920	17641742.760	ug/L	6273.773
	27	Al	50.586170	1.793	254142.285	ug/L	15227.265
	39	K	1659.580194	2.245	12408314.388	ug/L	707925.205
	44	Ca	9654.846310	0.842	2344524.799	ug/L	48369.900
>	45	Sc-1			480644.549	ug/L	467697.114
	51	V	16.688865	1.648	122332.798	ug/L	-17188.401
	52	Cr	51.353192	1.508	401494.525	ug/L	43700.177
	55	Mn	13.035490	1.538	141983.966	ug/L	3939.583
	57	Fe	1.443665	118.521	7019.370	ug/L	6563.304
	59	Co	11.796146	1.518	88208.052	ug/L	70.668
	60	Ni	11.531688	1.126	18964.770	ug/L	205.004
	65	Cu	5.911801	1.587	11679.890	ug/L	201.670
	66	Zn	10.834620	1.812	15900.670	ug/L	3569.482
>	72	Ge-1			582499.923	ug/L	592936.498
	75	As	58.612799	2.483	79682.024	ug/L	-502.888
	82	Se	44.929084	2.259	6558.418	ug/L	-70.642
	97	Mo	25.149105	0.887	46222.790	ug/L	69.001
	107	Ag	1.372423	0.918	11067.730	ug/L	109.002
	111	Cd	1.292036	2.586	2327.213	ug/L	35.667
>	115	In-1			1004555.729	ug/L	994304.053
	123	Sb	12.394302	0.293	57426.747	ug/L	235.401
	135	Ba	47.558723	1.641	79446.770	ug/L	183.670
>	165	Ho-1			1295980.925	ug/L	1276105.159
	205	Tl	47.469217	2.463	882805.701	ug/L	1936.818
	208	Pb	12.428650	1.246	315915.706	ug/L	3500.871
	238	U	52.011872	1.134	839837.074	ug/L	35.667
>	45	Sc-2			480644.549	ug/L	467697.114
	53	Cr	-13.056310	43.139	319020.297	ug/L	319041.768
	54	Fe	26.062876	26.986	57051.378	ug/L	42890.999
	61	Ni	14.198211	6.886	2143.182	ug/L	1069.051
	63	Cu	5.956175	0.572	23050.145	ug/L	321.674
	67	Zn	3.806426	33.235	22877.199	ug/L	21519.078
>	72	Ge			582499.923	ug/L	592936.498
	77	Se	14.893228	6.610	14719.599	ug/L	13366.987
	98	Mo	25.254554	0.737	119290.687	ug/L	95.062
	109	Ag	1.883718	1.759	15221.925	ug/L	120.002
>	115	In-2			1004555.729	ug/L	994304.053
	114	Cd	1.227521	1.363	4904.487	ug/L	53.748
	121	Sb	12.410599	1.218	74524.632	ug/L	329.340
	137	Ba	48.706445	1.305	137295.968	ug/L	281.339
>	165	Ho-2			1295980.925	ug/L	1276105.159
	182	W	50.764662	1.166	298639.686	ug/L	457.679
	183	W	50.794763	0.402	164302.529	ug/L	253.338
	194	Pt	49.270346	1.227	228264.952	ug/L	76.668
	195	Pt	49.886791	2.201	236910.432	ug/L	48.001
	203	Tl	48.033506	2.754	375629.020	ug/L	780.029
	206	Pb	12.363230	0.895	81408.109	ug/L	888.037
	207	Pb	12.476926	1.855	68683.069	ug/L	745.027
>	45	Sc			480644.549	ug/L	467697.114
	47	Ti	48.439602	1.972	32772.546	ug/L	647.355
	86	Sr	354.854923	1.406	799777.418	ug/L	151.307
	88	Sr	350.455597	1.989	6780317.420	ug/L	1301.072
>	115	In			1004555.729	ug/L	994304.053
	118	Sn	49.256803	0.698	254695.052	ug/L	357.341

120 Sn	49.699553	0.796	346554.112	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	102.768	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	98.240	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	101.031	
Sb	123		
Ba	135		
Ho-1	165	101.558	
Tl	205		
Pb	208		
U	238		
Sc-2	45	102.768	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	98.240	
Se	77		
Mo	98		
Ag	109		
In-2	115	101.031	
Cd	114		
Sb	121		
Ba	137		
Ho-2	165	101.558	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	102.768	
Ti	47		
Sr	86		
Sr	88		
In	115	101.031	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRG3D
Sample Date/Time: Thursday, May 24, 2007 20:58:34
Autosampler Position: 82
Dataset File: D:\Elandata\Dataset\052407m1\JWRG3D.123

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	1.288205	11.611	202.003	ug/L	3.000
	10	B	243.968451	2.802	8642.368	ug/L	90.668
	23	Na	24344.339861	1.916	115561865.913	ug/L	24909.622
	24	Mg	5449.160365	1.614	17587073.424	ug/L	6273.773
	27	Al	51.110668	1.562	252159.634	ug/L	15227.265
	39	K	1680.912882	1.047	12341610.200	ug/L	707925.205
	44	Ca	9769.198651	1.521	2330680.067	ug/L	48369.900
>	45	Sc-1			472320.998	ug/L	467697.114
	51	V	16.560879	2.505	119144.806	ug/L	-17188.401
	52	Cr	51.265569	1.868	393935.451	ug/L	43700.177
	55	Mn	13.311652	1.956	142389.643	ug/L	3939.583
	57	Fe	1.088729	106.980	6832.089	ug/L	6563.304
	59	Co	11.934531	0.409	87699.579	ug/L	70.668
	60	Ni	11.637966	2.001	18804.891	ug/L	205.004
	65	Cu	5.798570	2.011	11262.886	ug/L	201.670
	66	Zn	10.631175	0.062	15400.451	ug/L	3569.482
>	72	Ge-1			578566.653	ug/L	592936.498
	75	As	58.094777	1.987	78426.281	ug/L	-502.888
	82	Se	44.044648	3.843	6382.880	ug/L	-70.642
	97	Mo	25.318968	1.161	46410.735	ug/L	69.001
	107	Ag	1.389530	2.444	11173.147	ug/L	109.002
	111	Cd	1.297755	3.144	2330.547	ug/L	35.667
>	115	In-1			1002032.880	ug/L	994304.053
	123	Sb	12.193591	0.456	56354.787	ug/L	235.401
	135	Ba	46.534415	0.497	78387.589	ug/L	183.670
>	165	Ho-1			1306666.105	ug/L	1276105.159
	205	Tl	46.306967	2.198	868421.028	ug/L	1936.818
	208	Pb	12.061671	1.223	309234.793	ug/L	3500.871
	238	U	51.329291	0.728	835721.932	ug/L	35.667
>	45	Sc-2			472320.998	ug/L	467697.114
	53	Cr	-7.188620	100.506	317391.338	ug/L	319041.768
	54	Fe	28.764848	20.948	57383.889	ug/L	42890.999
	61	Ni	12.485791	1.779	1982.157	ug/L	1069.051
	63	Cu	6.010278	2.075	22852.160	ug/L	321.674
	67	Zn	3.858189	53.217	22490.249	ug/L	21519.078
>	72	Ge			578566.653	ug/L	592936.498
	77	Se	18.343926	3.746	14984.862	ug/L	13366.987
	98	Mo	25.723041	1.737	121169.511	ug/L	95.062
	109	Ag	1.867134	2.799	15047.406	ug/L	120.002
>	115	In-2			1002032.880	ug/L	994304.053
	114	Cd	1.237761	0.935	4932.083	ug/L	53.748
	121	Sb	12.459282	2.154	74608.733	ug/L	329.340
	137	Ba	47.861618	0.891	136046.139	ug/L	281.339
>	165	Ho-2			1306666.105	ug/L	1276105.159
	182	W	50.769681	2.135	301138.630	ug/L	457.679
	183	W	50.632669	1.221	165121.842	ug/L	253.338
	194	Pt	48.985410	1.084	228821.000	ug/L	76.668
	195	Pt	49.004219	1.236	234669.838	ug/L	48.001
	203	Tl	47.068362	3.414	371150.535	ug/L	780.029
	206	Pb	11.926933	1.708	79214.488	ug/L	888.037
	207	Pb	12.129088	1.236	67348.063	ug/L	745.027
>	45	Sc			472320.998	ug/L	467697.114
	47	Ti	48.065791	0.203	31964.040	ug/L	647.355
	86	Sr	363.204666	1.482	804406.117	ug/L	151.307
	88	Sr	356.448755	0.646	6777247.765	ug/L	1301.072
>	115	In			1002032.880	ug/L	994304.053
	118	Sn	49.348335	2.443	254437.393	ug/L	357.341

120 Sn	49.831686	2.774	346459.576	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	100.989	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	97.576	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	100.777	
Sb	123		
Ba	135		
> Ho-1	165	102.395	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	100.989	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	97.576	
Se	77		
Mo	98		
Ag	109		
> In-2	115	100.777	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	102.395	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	100.989	
Tl	47		
Sr	86		
Sr	88		
> In	115	100.777	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRG5
Sample Date/Time: Thursday, May 24, 2007 21:04:42
Autosampler Position: 83
Dataset File: D:\Elandata\Dataset\052407m1\JWRG5.124

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.001997	814.351	3.333	ug/L	3.000
	10	B	201.405359	1.741	7129.517	ug/L	90.668
	23	Na	23956.430850	0.705	113391934.093	ug/L	24909.622
	24	Mg	4386.297150	0.829	14116758.018	ug/L	6273.773
	27	Al	0.117262	24.684	15873.974	ug/L	15227.265
	39	K	496.818283	2.800	4139056.629	ug/L	707925.205
	44	Ca	8827.442532	1.317	2104518.875	ug/L	48369.900
>	45	Sc-1			470918.580	ug/L	467697.114
	51	V	4.383457	12.237	18729.407	ug/L	-17188.401
	52	Cr	48.171568	1.736	371759.796	ug/L	43700.177
	55	Mn	1.194070	1.657	16346.178	ug/L	3939.583
	57	Fe	-22.224403	5.002	2458.586	ug/L	6563.304
	59	Co	0.041874	4.339	377.675	ug/L	70.668
	60	Ni	0.276293	1.559	646.688	ug/L	205.004
	65	Cu	0.159359	11.050	506.014	ug/L	201.670
	66	Zn	-0.396488	8.692	3155.380	ug/L	3569.482
>	72	Ge-1			579247.539	ug/L	592936.498
	75	As	7.357713	0.697	9516.598	ug/L	-502.888
	82	Se	0.233052	59.088	-34.841	ug/L	-70.642
	97	Mo	0.950505	2.316	1775.795	ug/L	69.001
	107	Ag	0.002273	76.835	125.668	ug/L	109.002
	111	Cd	0.002594	291.940	39.667	ug/L	35.667
>	115	In-1			983131.752	ug/L	994304.053
	123	Sb	0.032078	22.118	377.619	ug/L	235.401
	135	Ba	0.845155	2.758	1581.437	ug/L	183.670
>	165	Ho-1			1284707.846	ug/L	1276105.159
	205	Tl	0.223389	45.282	6063.429	ug/L	1936.818
	208	Pb	-0.035790	3.251	2632.787	ug/L	3500.871
	238	U	2.046508	1.005	32795.265	ug/L	35.667
>	45	Sc-2			470918.580	ug/L	467697.114
	53	Cr	0.861521	437.915	321806.120	ug/L	319041.768
	54	Fe	3.498046	189.085	44897.397	ug/L	42890.999
	61	Ni	2.086756	24.099	1226.732	ug/L	1069.051
	63	Cu	0.170125	1.419	959.709	ug/L	321.674
	67	Zn	-7.719125	11.275	20150.069	ug/L	21519.078
>	72	Ge			579247.539	ug/L	592936.498
	77	Se	-22.802079	17.873	10640.400	ug/L	13366.987
	98	Mo	0.965646	0.997	4554.834	ug/L	95.062
	109	Ag	0.001419	125.317	129.669	ug/L	120.002
>	115	In-2			983131.752	ug/L	994304.053
	114	Cd	0.001280	168.636	58.058	ug/L	53.748
	121	Sb	0.014305	1.769	409.343	ug/L	329.340
	137	Ba	0.845526	1.947	2641.271	ug/L	281.339
>	165	Ho-2			1284707.846	ug/L	1276105.159
	182	W	1.526737	3.280	9351.155	ug/L	457.679
	183	W	1.525446	1.842	5138.642	ug/L	253.338
	194	Pt	0.001474	261.719	84.001	ug/L	76.668
	195	Pt	0.002981	59.538	62.334	ug/L	48.001
	203	Tl	0.225361	45.723	2530.598	ug/L	780.029
	206	Pb	-0.032431	10.174	684.690	ug/L	888.037
	207	Pb	-0.032434	8.613	575.017	ug/L	745.027
>	45	Sc			470918.580	ug/L	467697.114
	47	Ti	0.247198	16.144	812.365	ug/L	647.355
	86	Sr	348.013811	1.085	768547.937	ug/L	151.307
	88	Sr	341.949815	1.538	6482613.897	ug/L	1301.072
>	115	In			983131.752	ug/L	994304.053
	118	Sn	0.013196	51.940	420.344	ug/L	357.341

120 Sn	0.012050	24.308	565.412	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	100.689	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	97.691	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	98.876	
Sb	123		
Ba	135		
> Ho-1	165	100.674	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	100.689	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	97.691	
Se	77		
Mo	98		
Ag	109		
> In-2	115	98.876	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	100.674	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	100.689	
Tl	47		
Sr	86		
Sr	88		
> In	115	98.876	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 6
Sample Date/Time: Thursday, May 24, 2007 21:10:50
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 6.125

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	192.958852	2.074	28911.530	ug/L	3.000
	10	B	200.463959	2.516	6907.406	ug/L	90.668
	23	Na	1942.710189	3.388	8970361.200	ug/L	24909.622
	24	Mg	997.754309	0.361	3129986.087	ug/L	6273.773
	27	Al	1962.745547	2.092	8838068.123	ug/L	15227.265
	39	K	1908.442958	1.163	13502848.987	ug/L	707925.205
	44	Ca	1058.665237	0.283	287352.936	ug/L	48369.900
>	45	Sc-1			458320.745	ug/L	467697.114
	51	V	177.064681	3.021	1399308.317	ug/L	-17188.401
	52	Cr	188.870234	0.543	1293437.508	ug/L	43700.177
	55	Mn	186.495418	1.042	1885507.231	ug/L	3939.583
	57	Fe	2097.056144	0.564	387535.246	ug/L	6563.304
	59	Co	188.237846	1.066	1341202.847	ug/L	70.668
	60	Ni	183.689055	0.691	285060.155	ug/L	205.004
	65	Cu	185.095639	1.699	342710.665	ug/L	201.670
	66	Zn	188.058671	0.749	205963.824	ug/L	3569.482
>	72	Ge-1			559855.113	ug/L	592936.498
	75	As	197.416047	0.945	259043.588	ug/L	-502.888
	82	Se	195.186395	0.687	27604.744	ug/L	-70.642
	97	Mo	189.862639	0.927	337985.859	ug/L	69.001
	107	Ag	48.029983	1.762	371990.226	ug/L	109.002
	111	Cd	194.151519	1.316	333916.010	ug/L	35.667
>	115	In-1			974288.567	ug/L	994304.053
	123	Sb	190.481307	1.431	852565.620	ug/L	235.401
	135	Ba	181.803249	1.183	298166.500	ug/L	183.670
>	165	Ho-1			1274487.831	ug/L	1276105.159
	205	Tl	180.320389	0.609	3293139.479	ug/L	1936.818
	208	Pb	187.809975	1.119	4645556.156	ug/L	3500.871
	238	U	188.789282	0.617	2997953.072	ug/L	35.667
>	45	Sc-2			458320.745	ug/L	467697.114
	53	Cr	150.628658	2.734	409853.761	ug/L	319041.768
	54	Fe	2076.205530	0.330	1026539.110	ug/L	42890.999
	61	Ni	188.830743	1.600	14291.955	ug/L	1069.051
	63	Cu	184.858363	0.435	672702.205	ug/L	321.674
	67	Zn	178.648557	2.563	55251.198	ug/L	21519.078
>	72	Ge			559855.113	ug/L	592936.498
	77	Se	185.912249	1.903	31668.499	ug/L	13366.987
	98	Mo	187.840897	0.914	859914.709	ug/L	95.062
	109	Ag	47.278229	0.953	367720.040	ug/L	120.002
>	115	In-2			974288.567	ug/L	994304.053
	114	Cd	196.013968	1.584	751171.046	ug/L	53.748
	121	Sb	191.523256	0.892	1110826.650	ug/L	329.340
	137	Ba	186.289926	0.660	515659.754	ug/L	281.339
>	165	Ho-2			1274487.831	ug/L	1276105.159
	182	W	185.600018	1.440	1072544.626	ug/L	457.679
	183	W	187.149618	0.860	594611.985	ug/L	253.338
	194	Pt	188.881132	1.247	860348.084	ug/L	76.668
	195	Pt	188.904424	1.551	882222.632	ug/L	48.001
	203	Tl	181.508332	1.148	1393978.504	ug/L	780.029
	206	Pb	193.314228	2.960	1238767.945	ug/L	888.037
	207	Pb	189.308611	1.325	1014390.133	ug/L	745.027
>	45	Sc			458320.745	ug/L	467697.114
	47	Ti	195.556717	1.393	124239.844	ug/L	647.355
	86	Sr	192.141889	1.081	413026.468	ug/L	151.307
	88	Sr	187.098823	0.686	3452499.632	ug/L	1301.072
>	115	In			974288.567	ug/L	994304.053
	118	Sn	189.800326	1.496	950766.009	ug/L	357.341

120 Sn	190.147260	0.960	1284483.763	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		96.479
B	10		100.232
Na	23		97.136
Mg	24		99.775
Al	27		98.137
K	39		95.422
Ca	44		105.867
> Sc-1	45	97.995	
V	51		88.532
Cr	52		94.435
Mn	55		93.248
Fe	57		104.853
Co	59		94.119
Ni	60		91.845
Cu	65		92.548
Zn	66		94.029
> Ge-1	72	94.421	
As	75		98.708
Se	82		97.593
Mo	97		94.931
Ag	107		96.060
Cd	111		97.076
> In-1	115	97.987	
Sb	123		95.241
Ba	135		90.902
> Ho-1	165	99.873	
Tl	205		90.160
Pb	208		93.905
U	238		94.395
> Sc-2	45	97.995	
Cr	53		75.314
Fe	54		103.810
Ni	61		94.415
Cu	63		92.429
Zn	67		89.324
> Ge	72	94.421	
Se	77		92.956
Mo	98		93.920
Ag	109		94.558
> In-2	115	97.987	
Cd	114		98.007
Sb	121		95.762
Ba	137		93.145
> Ho-2	165	99.873	
W	182		92.809
W	183		93.575
Pt	194		94.441
Pt	195		94.452
Tl	203		90.754
Pb	206		96.657
Pb	207		94.654
> Sc	45	97.995	
Ti	47		97.778
Sr	86		96.071
Sr	88		93.549
> In	115	97.987	
Sn	118		94.900
Sn	120		95.074

QC Out Of Limits

Analyte	Mass	Out of Limits Message
V	51	Q
Cr	53	Q
Zn	67	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 7
Sample Date/Time: Thursday, May 24, 2007 21:17:27
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 7.126

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
⌈	9	Be	0.013627	146.507	5.000	ug/L	3.000
|	10	B	5.960934	6.135	293.006	ug/L	90.668
|	23	Na	-0.083846	73.478	24138.953	ug/L	24909.622
|	24	Mg	-0.038472	32.839	6056.344	ug/L	6273.773
|	27	Al	-0.570639	18.918	12416.190	ug/L	15227.265
|	39	K	-3.377835	16.040	674270.931	ug/L	707925.205
|	44	Ca	-26.463361	1.621	41600.566	ug/L	48369.900
|>	45	Sc-1			460520.337	ug/L	467697.114
|	51	V	0.829633	27.658	-10262.242	ug/L	-17188.401
|	52	Cr	-1.269917	1.869	34579.813	ug/L	43700.177
|	55	Mn	-0.144867	4.770	2410.561	ug/L	3939.583
|	57	Fe	-4.202663	18.143	5694.725	ug/L	6563.304
|	59	Co	0.005921	43.194	112.002	ug/L	70.668
|	60	Ni	0.000938	1046.064	203.337	ug/L	205.004
|	65	Cu	-0.013730	121.702	173.003	ug/L	201.670
⌊	66	Zn	-0.546450	11.445	2923.328	ug/L	3569.482
⌈>	72	Ge-1			567800.844	ug/L	592936.498
|	75	As	0.804429	23.705	592.272	ug/L	-502.888
⌊	82	Se	0.163147	127.771	-44.240	ug/L	-70.642
⌈	97	Mo	0.085373	49.016	223.337	ug/L	69.001
|	107	Ag	0.007632	28.648	168.669	ug/L	109.002
|	111	Cd	0.016660	44.913	64.667	ug/L	35.667
|>	115	In-1			990267.536	ug/L	994304.053
⌊	123	Sb	0.035610	23.669	396.502	ug/L	235.401
⌈	135	Ba	-0.004203	298.451	177.670	ug/L	183.670
|>	165	Ho-1			1282748.038	ug/L	1276105.159
|	205	Tl	0.347436	34.908	8326.957	ug/L	1936.818
|	208	Pb	-0.021086	31.240	2994.487	ug/L	3500.871
⌊	238	U	0.008855	24.900	177.336	ug/L	35.667
⌈>	45	Sc-2			460520.337	ug/L	467697.114
|	53	Cr	-80.187772	4.496	262144.966	ug/L	319041.768
|	54	Fe	-6.002210	71.011	39373.018	ug/L	42890.999
|	61	Ni	-0.016480	3347.033	1051.383	ug/L	1069.051
|	63	Cu	-0.012327	81.771	271.672	ug/L	321.674
⌊	67	Zn	-6.088804	4.570	20018.884	ug/L	21519.078
⌈>	72	Ge			567800.844	ug/L	592936.498
⌊	77	Se	-45.678009	5.515	8055.374	ug/L	13366.987
⌈	98	Mo	0.087007	37.498	499.817	ug/L	95.062
|	109	Ag	0.022114	19.190	294.339	ug/L	120.002
|>	115	In-2			990267.536	ug/L	994304.053
|	114	Cd	0.015030	22.107	112.104	ug/L	53.748
⌊	121	Sb	0.032847	24.411	521.681	ug/L	329.340
⌈	137	Ba	-0.004954	52.048	269.005	ug/L	281.339
|>	165	Ho-2			1282748.038	ug/L	1276105.159
|	182	W	0.265937	23.126	2005.830	ug/L	457.679
|	183	W	0.263387	21.435	1096.387	ug/L	253.338
|	194	Pt	0.003986	62.786	95.335	ug/L	76.668
|	195	Pt	0.008601	41.164	88.668	ug/L	48.001
|	203	Tl	0.352607	35.524	3507.154	ug/L	780.029
|	206	Pb	-0.023472	19.268	741.360	ug/L	888.037
⌊	207	Pb	-0.017048	47.244	657.022	ug/L	745.027
⌈>	45	Sc			460520.337	ug/L	467697.114
|	47	Ti	-0.117014	34.594	563.017	ug/L	647.355
|	86	Sr	0.007457	394.522	164.919	ug/L	151.307
⌊	88	Sr	-0.000753	224.676	1267.069	ug/L	1301.072
⌈>	115	In			990267.536	ug/L	994304.053
|	118	Sn	0.039157	33.010	555.350	ug/L	357.341

120 Sn	0.032736	9.949	711.391	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		1.363
B	10		586.093
Na	23		-0.084
Mg	24		-0.038
Al	27		-0.571
K	39		-3.378
Ca	44		-26.463
> Sc-1	45	98.466	
V	51		82.963
Cr	52		-126.992
Mn	55		-14.487
Fe	57		-4.203
Co	59		0.592
Ni	60		0.094
Cu	65		-1.373
Zn	66		-54.645
> Ge-1	72	95.761	
As	75		80.443
Se	82		16.315
Mo	97		8.537
Ag	107		0.763
Cd	111		1.666
> In-1	115	99.594	
Sb	123		3.561
Ba	135		-0.420
> Ho-1	165	100.521	
Tl	205		34.744
Pb	208		-2.109
U	238		0.885
> Sc-2	45	98.466	
Cr	53		-8018.777
Fe	54		-6.002
Ni	61		-1.648
Cu	63		-1.233
Zn	67		-608.880
> Ge	72	95.761	
Se	77		-4567.801
Mo	98		8.701
Ag	109		2.211
> In-2	115	99.594	
Cd	114		1.503
Sb	121		3.285
Ba	137		-0.495
> Ho-2	165	100.521	
W	182		26.594
W	183		26.339
Pt	194		0.399
Pt	195		0.860
Tl	203		35.261
Pb	206		-2.347
Pb	207		-1.705
> Sc	45	98.466	
Tl	47		-11.701
Sr	86		0.746
Sr	88		-0.075
> In	115	99.594	
Sn	118		3.916
Sn	120		3.274

QC Out Of Limits

Analyte	Mass	Out of Limits Message
B	10	Q
Cr	52	Q
Cr	53	Q
Zn	67	Q
Se	77	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRG7
Sample Date/Time: Thursday, May 24, 2007 21:24:04
Autosampler Position: 84
Dataset File: D:\Elandata\Dataset\052407m1\JWRG7.127

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.010740	92.846	4.667	ug/L	3.000
	10	B	22.621864	1.035	880.703	ug/L	90.668
	23	Na	17712.977737	3.297	83741654.531	ug/L	24909.622
	24	Mg	8631.160688	2.610	27737375.481	ug/L	6273.773
	27	Al	-0.718113	7.696	11999.826	ug/L	15227.265
	39	K	198.511877	7.459	2079241.594	ug/L	707925.205
	44	Ca	7618.634646	1.417	1820654.728	ug/L	48369.900
>	45	Sc-1			470328.908	ug/L	467697.114
	51	V	0.357616	152.622	-14347.342	ug/L	-17188.401
	52	Cr	-0.964560	6.340	37391.916	ug/L	43700.177
	55	Mn	14.736794	0.462	156553.043	ug/L	3939.583
	57	Fe	-13.955927	8.350	3997.587	ug/L	6563.304
	59	Co	0.021281	4.978	226.671	ug/L	70.668
	60	Ni	0.188841	10.348	506.681	ug/L	205.004
	65	Cu	0.042939	15.604	284.339	ug/L	201.670
	66	Zn	-0.592139	5.254	2935.331	ug/L	3569.482
>	72	Ge-1			575762.148	ug/L	592936.498
	75	As	2.714144	11.362	3181.557	ug/L	-502.888
	82	Se	0.120495	199.070	-50.954	ug/L	-70.642
	97	Mo	0.135539	3.262	310.673	ug/L	69.001
	107	Ag	0.001140	93.195	116.335	ug/L	109.002
	111	Cd	0.004143	64.136	42.334	ug/L	35.667
>	115	In-1			980061.787	ug/L	994304.053
	123	Sb	0.023420	22.399	337.502	ug/L	235.401
	135	Ba	0.442964	4.025	918.705	ug/L	183.670
>	165	Ho-1			1287263.460	ug/L	1276105.159
	205	Tl	0.110207	27.374	3989.272	ug/L	1936.818
	208	Pb	-0.034061	2.370	2681.125	ug/L	3500.871
	238	U	0.478366	2.364	7707.823	ug/L	35.667
>	45	Sc-2			470328.908	ug/L	467697.114
	53	Cr	-67.523249	10.744	276121.549	ug/L	319041.768
	54	Fe	4.901868	159.836	45518.845	ug/L	42890.999
	61	Ni	2.389640	6.153	1247.067	ug/L	1069.051
	63	Cu	0.110620	9.397	736.360	ug/L	321.674
	67	Zn	-9.048186	8.206	19864.333	ug/L	21519.078
>	72	Ge			575762.148	ug/L	592936.498
	77	Se	-31.618049	10.064	9649.230	ug/L	13366.987
	98	Mo	0.151832	3.488	792.794	ug/L	95.062
	109	Ag	0.011302	12.882	206.670	ug/L	120.002
>	115	In-2			980061.787	ug/L	994304.053
	114	Cd	0.004584	72.208	70.640	ug/L	53.748
	121	Sb	0.010977	19.988	388.676	ug/L	329.340
	137	Ba	0.447758	2.416	1535.098	ug/L	281.339
>	165	Ho-2			1287263.460	ug/L	1276105.159
	182	W	0.117998	17.129	1151.058	ug/L	457.679
	183	W	0.111055	7.737	612.019	ug/L	253.338
	194	Pt	-0.003201	51.600	62.667	ug/L	76.668
	195	Pt	0.000128	809.874	49.001	ug/L	48.001
	203	Tl	0.116888	29.334	1695.119	ug/L	780.029
	206	Pb	-0.030065	11.722	701.358	ug/L	888.037
	207	Pb	-0.033018	20.754	573.017	ug/L	745.027
>	45	Sc			470328.908	ug/L	467697.114
	47	Ti	-0.091926	33.010	591.351	ug/L	647.355
	86	Sr	239.967929	1.455	529323.747	ug/L	151.307
	88	Sr	234.169547	0.919	4434163.467	ug/L	1301.072
>	115	In			980061.787	ug/L	994304.053
	118	Sn	0.019082	14.083	448.345	ug/L	357.341

L	120 Sn	0.018708	31.693	608.806	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
⌈	Be	9		
|	B	10		
|	Na	23		
|	Mg	24		
|	Al	27		
|	K	39		
|	Ca	44		
|>	Sc-1	45	100.563	
|	V	51		
|	Cr	52		
|	Mn	55		
|	Fe	57		
|	Co	59		
|	Ni	60		
|	Cu	65		
L	Zn	66		
⌈>	Ge-1	72	97.104	
|	As	75		
L	Se	82		
⌈	Mo	97		
|	Ag	107		
|	Cd	111		
|>	In-1	115	98.568	
L	Sb	123		
⌈	Ba	135		
|>	Ho-1	165	100.874	
|	Tl	205		
|	Pb	208		
L	U	238		
⌈>	Sc-2	45	100.563	
|	Cr	53		
|	Fe	54		
|	Ni	61		
|	Cu	63		
L	Zn	67		
⌈>	Ge	72	97.104	
L	Se	77		
⌈	Mo	98		
|	Ag	109		
|>	In-2	115	98.568	
|	Cd	114		
L	Sb	121		
⌈	Ba	137		
|>	Ho-2	165	100.874	
|	W	182		
|	W	183		
|	Pt	194		
|	Pt	195		
|	Tl	203		
|	Pb	206		
L	Pb	207		
⌈>	Sc	45	100.563	
|	Tl	47		
|	Sr	86		
L	Sr	88		
⌈>	In	115	98.568	
|	Sn	118		
L	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRG8
Sample Date/Time: Thursday, May 24, 2007 21:30:12
Autosampler Position: 85
Dataset File: D:\Elandata\Dataset\052407m1\JWRG8.128

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.003940	246.945	3.667	ug/L	3.000
	10	B	20.732742	3.282	823.365	ug/L	90.668
	23	Na	17809.058712	2.301	85085394.919	ug/L	24909.622
	24	Mg	8611.381211	2.711	27964945.582	ug/L	6273.773
	27	Al	-1.082359	5.376	10427.910	ug/L	15227.265
	39	K	201.685150	2.871	2123287.283	ug/L	707925.205
	44	Ca	7553.764130	1.098	1824692.726	ug/L	48369.900
>	45	Sc-1			475319.301	ug/L	467697.114
	51	V	0.270377	119.426	-15218.058	ug/L	-17188.401
	52	Cr	-0.872276	8.875	38419.980	ug/L	43700.177
	55	Mn	14.750442	0.804	158351.370	ug/L	3939.583
	57	Fe	-11.126307	11.935	4573.192	ug/L	6563.304
	59	Co	0.021769	1.447	232.671	ug/L	70.668
	60	Ni	0.186774	4.793	508.681	ug/L	205.004
	65	Cu	0.040338	19.587	282.339	ug/L	201.670
	66	Zn	-0.718721	8.169	2824.974	ug/L	3569.482
>	72	Ge-1			576346.820	ug/L	592936.498
	75	As	2.283468	18.986	2606.659	ug/L	-502.888
	82	Se	0.130841	199.640	-49.726	ug/L	-70.642
	97	Mo	0.139047	10.430	319.673	ug/L	69.001
	107	Ag	0.000895	50.216	115.335	ug/L	109.002
	111	Cd	-0.006177	32.674	24.667	ug/L	35.667
>	115	In-1			987925.577	ug/L	994304.053
	123	Sb	0.018089	10.885	315.931	ug/L	235.401
	135	Ba	0.426079	6.834	889.370	ug/L	183.670
>	165	Ho-1			1285562.449	ug/L	1276105.159
	205	Tl	0.062988	25.378	3111.706	ug/L	1936.818
	208	Pb	-0.037497	6.570	2592.119	ug/L	3500.871
	238	U	0.453378	1.988	7298.271	ug/L	35.667
>	45	Sc-2			475319.301	ug/L	467697.114
	53	Cr	-54.634884	14.003	287658.084	ug/L	319041.768
	54	Fe	4.025218	184.532	45574.089	ug/L	42890.999
	61	Ni	3.167633	18.463	1317.074	ug/L	1069.051
	63	Cu	0.115968	3.067	764.361	ug/L	321.674
	67	Zn	-9.657627	18.107	19952.791	ug/L	21519.078
>	72	Ge			576346.820	ug/L	592936.498
	77	Se	-25.829586	11.425	10267.181	ug/L	13366.987
	98	Mo	0.133852	2.696	715.643	ug/L	95.062
	109	Ag	0.006254	40.921	168.669	ug/L	120.002
>	115	In-2			987925.577	ug/L	994304.053
	114	Cd	0.003461	57.468	66.826	ug/L	53.748
	121	Sb	0.003669	95.982	348.674	ug/L	329.340
	137	Ba	0.437408	1.669	1504.094	ug/L	281.339
>	165	Ho-2			1285562.449	ug/L	1276105.159
	182	W	0.091483	14.475	994.378	ug/L	457.679
	183	W	0.077829	19.939	504.681	ug/L	253.338
	194	Pt	-0.002809	30.523	64.334	ug/L	76.668
	195	Pt	-0.000647	224.819	45.334	ug/L	48.001
	203	Tl	0.067046	29.359	1305.407	ug/L	780.029
	206	Pb	-0.037917	2.744	649.688	ug/L	888.037
	207	Pb	-0.036830	8.658	551.683	ug/L	745.027
>	45	Sc			475319.301	ug/L	467697.114
	47	Ti	-0.128519	15.278	573.684	ug/L	647.355
	86	Sr	237.686100	1.499	529816.198	ug/L	151.307
	88	Sr	233.029886	1.600	4459221.082	ug/L	1301.072
>	115	In			987925.577	ug/L	994304.053
	118	Sn	-0.002548	146.482	342.008	ug/L	357.341

120	Sn	-0.001934	46.236	472.213	ug/L	486.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	101.630	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	97.202	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	99.358	
Sb	123		
Ba	135		
> Ho-1	165	100.741	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	101.630	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	97.202	
Se	77		
Mo	98		
Ag	109		
> In-2	115	99.358	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	100.741	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	101.630	
Tl	47		
Sr	86		
Sr	88		
> In	115	99.358	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRHC
Sample Date/Time: Thursday, May 24, 2007 21:36:17
Autosampler Position: 86
Dataset File: D:\Elandata\Dataset\052407m1\JWRHC.129

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	-0.006655	167.410	2.000	ug/L	3.000
	10	B	22.189413	6.994	864.702	ug/L	90.668
	23	Na	18564.237098	4.762	87666400.780	ug/L	24909.622
	24	Mg	9054.147548	3.211	29065852.891	ug/L	6273.773
	27	Al	-0.723297	4.176	11964.461	ug/L	15227.265
	39	K	210.751057	2.760	2161392.634	ug/L	707925.205
	44	Ca	7816.708214	1.275	1864967.755	ug/L	48369.900
>	45	Sc-1			469899.003	ug/L	467697.114
	51	V	0.066217	447.441	-16729.460	ug/L	-17188.401
	52	Cr	-0.807890	7.010	38419.645	ug/L	43700.177
	55	Mn	15.347789	1.624	162723.575	ug/L	3939.583
	57	Fe	-9.986768	5.248	4733.024	ug/L	6563.304
	59	Co	0.018430	14.251	205.670	ug/L	70.668
	60	Ni	0.211413	7.450	542.016	ug/L	205.004
	65	Cu	0.041482	27.051	281.339	ug/L	201.670
	66	Zn	-0.767615	2.937	2738.957	ug/L	3569.482
>	72	Ge-1			577503.965	ug/L	592936.498
	75	As	2.607823	11.126	3044.098	ug/L	-502.888
	82	Se	-0.287097	70.930	-110.915	ug/L	-70.642
	97	Mo	0.112813	8.008	268.005	ug/L	69.001
	107	Ag	0.000827	74.891	113.002	ug/L	109.002
	111	Cd	0.000833	576.425	36.334	ug/L	35.667
>	115	In-1			972530.012	ug/L	994304.053
	123	Sb	0.018746	12.291	314.027	ug/L	235.401
	135	Ba	0.442634	2.385	909.038	ug/L	183.670
>	165	Ho-1			1274484.308	ug/L	1276105.159
	205	Tl	0.038119	46.292	2631.938	ug/L	1936.818
	208	Pb	-0.028301	10.285	2796.468	ug/L	3500.871
	238	U	0.464086	1.364	7404.659	ug/L	35.667
>	45	Sc-2			469899.003	ug/L	467697.114
	53	Cr	-29.174903	14.364	301228.373	ug/L	319041.768
	54	Fe	3.947918	84.598	45019.388	ug/L	42890.999
	61	Ni	3.310265	14.108	1312.073	ug/L	1069.051
	63	Cu	0.117056	4.714	759.694	ug/L	321.674
	67	Zn	-7.149015	11.202	20217.832	ug/L	21519.078
>	72	Ge			577503.965	ug/L	592936.498
	77	Se	-18.786147	12.075	11033.847	ug/L	13366.987
	98	Mo	0.119660	3.998	639.859	ug/L	95.062
	109	Ag	0.002910	33.500	140.002	ug/L	120.002
>	115	In-2			972530.012	ug/L	994304.053
	114	Cd	0.001013	156.603	56.479	ug/L	53.748
	121	Sb	0.001142	194.394	328.674	ug/L	329.340
	137	Ba	0.455912	5.170	1542.099	ug/L	281.339
>	165	Ho-2			1274484.308	ug/L	1276105.159
	182	W	0.053394	26.053	756.028	ug/L	457.679
	183	W	0.046468	17.100	400.676	ug/L	253.338
	194	Pt	-0.000135	1167.320	76.001	ug/L	76.668
	195	Pt	-0.000267	467.696	46.667	ug/L	48.001
	203	Tl	0.040226	56.504	1088.720	ug/L	780.029
	206	Pb	-0.026868	23.394	714.692	ug/L	888.037
	207	Pb	-0.026083	9.418	604.352	ug/L	745.027
>	45	Sc			469899.003	ug/L	467697.114
	47	Ti	-0.085301	40.725	595.018	ug/L	647.355
	86	Sr	244.816555	1.819	539470.326	ug/L	151.307
	88	Sr	239.283670	1.775	4526416.677	ug/L	1301.072
>	115	In			972530.012	ug/L	994304.053
	118	Sn	-0.006385	45.691	317.673	ug/L	357.341

120 Sn	-0.006378	17.258	434.959	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	100.471	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	97.397	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	97.810	
Sb	123		
Ba	135		
> Ho-1	165	99.873	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	100.471	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	97.397	
Se	77		
Mo	98		
Ag	109		
> In-2	115	97.810	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	99.873	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	100.471	
Tl	47		
Sr	86		
Sr	88		
> In	115	97.810	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRHD
Sample Date/Time: Thursday, May 24, 2007 21:42:18
Autosampler Position: 87
Dataset File: D:\Elandata\Dataset\052407m1\JWRHD.130

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
⌜	9	Be	0.004527	166.110	3.667	ug/L	3.000
|	10	B	210.310057	1.502	7334.623	ug/L	90.668
|	23	Na	17222.818646	1.591	80360065.130	ug/L	24909.622
|	24	Mg	8010.790747	1.237	25407420.741	ug/L	6273.773
|	27	Al	1.848294	2.018	23528.930	ug/L	15227.265
|	39	K	490.339760	1.559	4035908.017	ug/L	707925.205
|	44	Ca	12451.911279	0.776	2906384.852	ug/L	48369.900
|>	45	Sc-1			464191.479	ug/L	467697.114
|	51	V	-1.291421	31.412	-27518.747	ug/L	-17188.401
|	52	Cr	94.005858	1.069	673850.891	ug/L	43700.177
|	55	Mn	0.333266	2.414	7315.613	ug/L	3939.583
|	57	Fe	-24.604953	3.258	1984.640	ug/L	6563.304
|	59	Co	0.029634	16.611	284.006	ug/L	70.668
|	60	Ni	0.369238	4.086	783.363	ug/L	205.004
|	65	Cu	0.132253	12.913	448.012	ug/L	201.670
⌞	66	Zn	-0.351728	9.429	3159.048	ug/L	3569.482
⌜>	72	Ge-1			572494.704	ug/L	592936.498
|	75	As	2.065645	3.823	2290.977	ug/L	-502.888
⌞	82	Se	0.100685	332.638	-53.516	ug/L	-70.642
⌜	97	Mo	0.399633	3.216	780.696	ug/L	69.001
|	107	Ag	0.009174	62.805	178.336	ug/L	109.002
|	111	Cd	-0.000996	308.808	33.334	ug/L	35.667
|>	115	In-1			976451.742	ug/L	994304.053
⌞	123	Sb	0.022729	35.304	333.222	ug/L	235.401
⌜	135	Ba	0.359146	4.593	768.028	ug/L	183.670
|>	165	Ho-1			1268088.238	ug/L	1276105.159
|	205	Tl	0.018259	82.983	2256.203	ug/L	1936.818
|	208	Pb	-0.037483	6.067	2556.782	ug/L	3500.871
⌞	238	U	2.088222	0.750	33029.139	ug/L	35.667
⌜>	45	Sc-2			464191.479	ug/L	467697.114
|	53	Cr	87.165288	3.375	373612.198	ug/L	319041.768
|	54	Fe	2.743708	135.075	43889.833	ug/L	42890.999
|	61	Ni	3.774630	9.721	1329.075	ug/L	1069.051
|	63	Cu	0.115567	3.787	745.027	ug/L	321.674
⌞	67	Zn	-6.957547	14.975	20009.537	ug/L	21519.078
⌜>	72	Ge			572494.704	ug/L	592936.498
⌞	77	Se	-15.304911	17.062	11303.292	ug/L	13366.987
⌜	98	Mo	0.409383	0.943	1971.475	ug/L	95.062
|	109	Ag	0.008491	12.610	184.003	ug/L	120.002
|>	115	In-2			976451.742	ug/L	994304.053
|	114	Cd	0.001536	133.890	58.696	ug/L	53.748
⌞	121	Sb	0.002447	45.985	337.674	ug/L	329.340
⌜	137	Ba	0.376763	5.611	1317.074	ug/L	281.339
|>	165	Ho-2			1268088.238	ug/L	1276105.159
|	182	W	0.176270	6.211	1467.423	ug/L	457.679
|	183	W	0.175483	8.500	806.364	ug/L	253.338
|	194	Pt	-0.002769	34.259	63.667	ug/L	76.668
|	195	Pt	-0.000661	161.861	44.667	ug/L	48.001
|	203	Tl	0.019430	67.038	923.373	ug/L	780.029
|	206	Pb	-0.030944	19.603	685.023	ug/L	888.037
⌞	207	Pb	-0.040112	5.073	526.682	ug/L	745.027
⌜>	45	Sc			464191.479	ug/L	467697.114
|	47	Ti	0.026133	175.748	659.355	ug/L	647.355
|	86	Sr	299.531146	1.437	652022.322	ug/L	151.307
⌞	88	Sr	294.230326	1.369	5498029.560	ug/L	1301.072
⌜>	115	In			976451.742	ug/L	994304.053
|	118	Sn	-0.005729	154.299	322.007	ug/L	357.341

└	120 Sn	-0.006778	63.212	433.874	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
┌	Be	9		
|	B	10		
|	Na	23		
|	Mg	24		
|	Al	27		
|	K	39		
|	Ca	44		
|>	Sc-1	45	99.250	
|	V	51		
|	Cr	52		
|	Mn	55		
|	Fe	57		
|	Co	59		
|	Ni	60		
|	Cu	65		
└	Zn	66		
┌>	Ge-1	72	96.552	
|	As	75		
└	Se	82		
┌	Mo	97		
|	Ag	107		
|	Cd	111		
|>	In-1	115	98.205	
└	Sb	123		
┌	Ba	135		
|>	Ho-1	165	99.372	
|	Tl	205		
|	Pb	208		
└	U	238		
┌>	Sc-2	45	99.250	
|	Cr	53		
|	Fe	54		
|	Ni	61		
|	Cu	63		
└	Zn	67		
┌>	Ge	72	96.552	
└	Se	77		
┌	Mo	98		
|	Ag	109		
|>	In-2	115	98.205	
|	Cd	114		
└	Sb	121		
┌	Ba	137		
|>	Ho-2	165	99.372	
|	W	182		
|	W	183		
|	Pt	194		
|	Pt	195		
|	Tl	203		
|	Pb	206		
└	Pb	207		
┌>	Sc	45	99.250	
|	Tl	47		
|	Sr	86		
└	Sr	88		
┌>	In	115	98.205	
|	Sn	118		
└	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRHH
Sample Date/Time: Thursday, May 24, 2007 21:48:20
Autosampler Position: 88
Dataset File: D:\Elandata\Dataset\052407m1\JWRHH.131

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
⌈	9	Be	0.028018	53.357	7.333	ug/L	3.000
|	10	B	211.525700	3.709	7480.033	ug/L	90.668
|	23	Na	17119.665515	3.084	81018361.216	ug/L	24909.622
|	24	Mg	7981.978317	2.645	25675945.017	ug/L	6273.773
|	27	Al	2.163869	4.344	25321.676	ug/L	15227.265
|	39	K	490.881333	1.601	4097433.282	ug/L	707925.205
|	44	Ca	12328.835014	0.957	2919396.188	ug/L	48369.900
|>	45	Sc-1			470861.408	ug/L	467697.114
|	51	V	-0.209550	397.389	-19072.445	ug/L	-17188.401
|	52	Cr	93.059464	2.634	676945.245	ug/L	43700.177
|	55	Mn	0.357205	4.257	7668.134	ug/L	3939.583
|	57	Fe	-25.371374	5.771	1870.865	ug/L	6563.304
|	59	Co	0.027016	7.770	269.005	ug/L	70.668
|	60	Ni	0.346793	5.513	758.694	ug/L	205.004
|	65	Cu	0.149762	11.452	487.680	ug/L	201.670
⌊	66	Zn	-0.522509	14.510	3015.015	ug/L	3569.482
⌈>	72	Ge-1			574346.052	ug/L	592936.498
|	75	As	2.434105	15.549	2794.404	ug/L	-502.888
⌊	82	Se	0.392894	14.106	-11.248	ug/L	-70.642
⌈	97	Mo	0.396787	2.433	772.695	ug/L	69.001
|	107	Ag	0.006430	39.757	156.336	ug/L	109.002
|	111	Cd	-0.000141	1604.799	34.667	ug/L	35.667
|>	115	In-1			972848.138	ug/L	994304.053
⌊	123	Sb	0.020956	8.610	323.962	ug/L	235.401
⌈	135	Ba	0.352811	3.437	764.028	ug/L	183.670
|>	165	Ho-1			1278445.336	ug/L	1276105.159
|	205	Tl	0.016274	103.459	2237.533	ug/L	1936.818
|	208	Pb	-0.040249	7.994	2509.112	ug/L	3500.871
⌊	238	U	2.028678	1.199	32349.912	ug/L	35.667
⌈>	45	Sc-2			470861.408	ug/L	467697.114
|	53	Cr	79.978898	9.774	374181.779	ug/L	319041.768
|	54	Fe	-0.130902	3126.517	43118.809	ug/L	42890.999
|	61	Ni	4.595481	26.601	1406.750	ug/L	1069.051
|	63	Cu	0.109162	6.390	731.693	ug/L	321.674
⌊	67	Zn	-7.299929	21.985	20227.846	ug/L	21519.078
⌈>	72	Ge			574346.052	ug/L	592936.498
⌊	77	Se	-17.595225	15.004	11097.169	ug/L	13366.987
⌈	98	Mo	0.396706	3.275	1906.209	ug/L	95.062
|	109	Ag	0.006050	35.647	164.336	ug/L	120.002
|>	115	In-2			972848.138	ug/L	994304.053
|	114	Cd	-0.000694	174.292	49.919	ug/L	53.748
⌊	121	Sb	0.001691	61.827	332.007	ug/L	329.340
⌈	137	Ba	0.372135	4.027	1314.407	ug/L	281.339
|>	165	Ho-2			1278445.336	ug/L	1276105.159
|	182	W	0.170511	2.557	1446.421	ug/L	457.679
|	183	W	0.166778	4.446	785.029	ug/L	253.338
|	194	Pt	-0.002211	117.802	66.667	ug/L	76.668
|	195	Pt	0.001551	95.074	55.334	ug/L	48.001
|	203	Tl	0.023386	73.783	961.042	ug/L	780.029
|	206	Pb	-0.035930	14.280	658.688	ug/L	888.037
⌊	207	Pb	-0.042293	12.820	519.348	ug/L	745.027
⌈>	45	Sc			470861.408	ug/L	467697.114
|	47	Ti	0.004498	1716.807	654.355	ug/L	647.355
|	86	Sr	294.875309	1.376	651062.216	ug/L	151.307
⌊	88	Sr	287.689327	1.443	5453014.381	ug/L	1301.072
⌈>	115	In			972848.138	ug/L	994304.053
|	118	Sn	-0.007193	53.996	313.673	ug/L	357.341

L	120 Sn	-0.005145	87.266	443.478	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
⌈	Be	9		
¦	B	10		
¦	Na	23		
¦	Mg	24		
¦	Al	27		
¦	K	39		
¦	Ca	44		
¦>	Sc-1	45	100.677	
¦	V	51		
¦	Cr	52		
¦	Mn	55		
¦	Fe	57		
¦	Co	59		
¦	Ni	60		
¦	Cu	65		
L	Zn	66		
⌈>	Ge-1	72	96.865	
¦	As	75		
L	Se	82		
⌈	Mo	97		
¦	Ag	107		
¦	Cd	111		
¦>	In-1	115	97.842	
L	Sb	123		
⌈	Ba	135		
¦>	Ho-1	165	100.183	
¦	Tl	205		
¦	Pb	208		
L	U	238		
⌈>	Sc-2	45	100.677	
¦	Cr	53		
¦	Fe	54		
¦	Ni	61		
¦	Cu	63		
L	Zn	67		
⌈>	Ge	72	96.865	
L	Se	77		
⌈	Mo	98		
¦	Ag	109		
¦>	In-2	115	97.842	
¦	Cd	114		
L	Sb	121		
⌈	Ba	137		
¦>	Ho-2	165	100.183	
¦	W	182		
¦	W	183		
¦	Pt	194		
¦	Pt	195		
¦	Tl	203		
¦	Pb	206		
L	Pb	207		
⌈>	Sc	45	100.677	
¦	Ti	47		
¦	Sr	88		
L	Sr	88		
⌈>	In	115	97.842	
¦	Sn	118		
L	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRHL
Sample Date/Time: Thursday, May 24, 2007 21:54:22
Autosampler Position: 89
Dataset File: D:\Elandata\Dataset\052407m1\JWRHL.132

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.008581	247.507	4.333	ug/L	3.000
	10	B	207.586243	1.849	7376.978	ug/L	90.668
	23	Na	17063.526637	3.145	81118674.834	ug/L	24909.622
	24	Mg	8053.383952	3.143	26024899.912	ug/L	6273.773
	27	Al	-0.759799	14.860	11872.722	ug/L	15227.265
	39	K	489.921434	2.253	4109272.608	ug/L	707925.205
	44	Ca	12572.012418	1.877	2989596.795	ug/L	48369.900
>	45	Sc-1			473035.581	ug/L	467697.114
	51	V	-0.855072	15.445	-24433.301	ug/L	-17188.401
	52	Cr	93.466643	2.017	682856.365	ug/L	43700.177
	55	Mn	-0.104053	5.683	2900.323	ug/L	3939.583
	57	Fe	-23.964051	3.620	2144.474	ug/L	6563.304
	59	Co	0.030560	10.053	296.006	ug/L	70.668
	60	Ni	0.358243	4.848	781.029	ug/L	205.004
	65	Cu	0.159911	3.297	509.348	ug/L	201.670
	66	Zn	-0.487068	0.771	3069.027	ug/L	3569.482
>	72	Ge-1			578622.959	ug/L	592936.498
	75	As	2.557961	6.942	2986.290	ug/L	-502.888
	82	Se	0.561829	37.849	13.208	ug/L	-70.642
	97	Mo	0.411068	2.939	807.698	ug/L	69.001
	107	Ag	0.002775	40.103	129.669	ug/L	109.002
	111	Cd	-0.001146	233.361	33.334	ug/L	35.667
>	115	In-1			984593.121	ug/L	994304.053
	123	Sb	0.017588	16.398	312.586	ug/L	235.401
	135	Ba	0.341271	7.284	752.694	ug/L	183.670
>	165	Ho-1			1291718.519	ug/L	1276105.159
	205	Tl	0.011370	135.598	2172.189	ug/L	1936.818
	208	Pb	-0.048895	5.646	2319.097	ug/L	3500.871
	238	U	2.061956	2.495	33219.253	ug/L	35.667
>	45	Sc-2			473035.581	ug/L	467697.114
	53	Cr	79.435853	13.756	375516.863	ug/L	319041.768
	54	Fe	-0.608450	974.579	43078.272	ug/L	42890.999
	61	Ni	4.516452	22.500	1407.750	ug/L	1069.051
	63	Cu	0.105236	5.551	720.359	ug/L	321.674
	67	Zn	-7.481164	28.723	20283.927	ug/L	21519.078
>	72	Ge			578622.959	ug/L	592936.498
	77	Se	-19.490966	2.963	10980.881	ug/L	13366.987
	98	Mo	0.396095	0.343	1926.505	ug/L	95.062
	109	Ag	0.001383	137.153	129.669	ug/L	120.002
>	115	In-2			984593.121	ug/L	994304.053
	114	Cd	0.001409	118.685	58.700	ug/L	53.748
	121	Sb	0.002151	134.646	338.674	ug/L	329.340
	137	Ba	0.358049	2.538	1288.738	ug/L	261.339
>	165	Ho-2			1291718.519	ug/L	1276105.159
	182	W	0.131669	6.667	1234.399	ug/L	457.679
	183	W	0.126215	1.458	662.689	ug/L	253.338
	194	Pt	-0.000928	270.577	73.334	ug/L	76.668
	195	Pt	-0.000339	331.554	47.001	ug/L	48.001
	203	Tl	0.016382	58.367	917.372	ug/L	780.029
	206	Pb	-0.047476	5.094	590.685	ug/L	888.037
	207	Pb	-0.044681	13.258	511.681	ug/L	745.027
>	45	Sc			473035.581	ug/L	467697.114
	47	Ti	0.039022	268.925	680.356	ug/L	647.355
	86	Sr	295.095995	1.840	654508.914	ug/L	151.307
	88	Sr	291.814024	2.352	5555833.360	ug/L	1301.072
>	115	In			984593.121	ug/L	994304.053
	118	Sn	-0.011221	26.297	297.006	ug/L	357.341

120 Sn	-0.008942	31.602	422.806	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Ba	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	101.141	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	97.586	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	99.023	
Sb	123		
Ba	135		
> Ho-1	165	101.224	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	101.141	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	97.586	
Se	77		
Mo	98		
Ag	109		
> In-2	115	99.023	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	101.224	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	101.141	
Ti	47		
Sr	86		
Sr	88		
> In	115	99.023	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRHR
Sample Date/Time: Thursday, May 24, 2007 22:00:25
Autosampler Position: 90
Dataset File: D:\Elandata\Dataset\052407m1\JWRHR.133

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.003901	502.865	3.667	ug/L	3.000
	10	B	210.864341	1.733	7544.735	ug/L	90.668
	23	Na	17123.505755	1.061	81973747.347	ug/L	24909.622
	24	Mg	8156.081058	2.209	26539149.232	ug/L	6273.773
	27	Al	-0.847928	7.966	11543.112	ug/L	15227.265
	39	K	488.426775	2.045	4127163.052	ug/L	707925.205
	44	Ca	12468.119390	1.098	2985561.406	ug/L	48369.900
>	45	Sc-1			476242.318	ug/L	467697.114
	51	V	-0.117243	188.884	-18472.229	ug/L	-17188.401
	52	Cr	93.233115	0.560	686017.191	ug/L	43700.177
	55	Mn	-0.101243	10.090	2950.334	ug/L	3939.583
	57	Fe	-25.720469	6.973	1827.493	ug/L	6563.304
	59	Co	0.030119	7.504	295.006	ug/L	70.668
	60	Ni	0.339577	6.352	756.028	ug/L	205.004
	65	Cu	0.138753	15.618	472.013	ug/L	201.670
	66	Zn	-0.521429	15.115	3051.357	ug/L	3569.482
>	72	Ge-1			575263.382	ug/L	592936.498
	75	As	2.655125	16.902	3096.616	ug/L	-502.888
	82	Se	0.552292	17.743	11.844	ug/L	-70.642
	97	Mo	0.396504	4.210	783.029	ug/L	69.001
	107	Ag	0.003120	44.555	132.669	ug/L	109.002
	111	Cd	-0.003839	94.854	28.667	ug/L	35.667
>	115	In-1			986475.189	ug/L	994304.053
	123	Sb	0.014810	28.172	300.537	ug/L	235.401
	135	Ba	0.344069	7.937	757.361	ug/L	183.670
>	165	Ho-1			1291961.190	ug/L	1276105.159
	205	Tl	0.001795	872.264	1996.829	ug/L	1936.818
	208	Pb	-0.046620	3.234	2376.101	ug/L	3500.871
	238	U	2.108241	2.211	33967.009	ug/L	35.667
>	45	Sc-2			476242.318	ug/L	467697.114
	53	Cr	75.401730	4.007	375422.025	ug/L	319041.768
	54	Fe	-2.249666	162.539	42573.526	ug/L	42890.999
	61	Ni	4.483668	9.645	1415.418	ug/L	1069.051
	63	Cu	0.110699	4.460	746.027	ug/L	321.674
	67	Zn	-8.453327	11.563	20231.518	ug/L	21519.078
>	72	Ge			575263.382	ug/L	592936.498
	77	Se	-17.844745	8.496	11090.813	ug/L	13366.987
	98	Mo	0.403352	2.944	1963.589	ug/L	95.062
	109	Ag	0.000887	175.469	126.002	ug/L	120.002
>	115	In-2			986475.189	ug/L	994304.053
	114	Cd	0.000636	211.188	55.765	ug/L	53.748
	121	Sb	-0.002958	65.415	309.340	ug/L	329.340
	137	Ba	0.367554	5.868	1315.074	ug/L	281.339
>	165	Ho-2			1291961.190	ug/L	1276105.159
	182	W	0.117597	6.039	1152.391	ug/L	457.679
	183	W	0.107723	14.119	603.019	ug/L	253.338
	194	Pt	-0.002070	68.327	68.001	ug/L	76.668
	195	Pt	0.000500	198.087	51.001	ug/L	48.001
	203	Tl	0.006222	153.787	838.700	ug/L	780.029
	206	Pb	-0.047117	6.548	593.018	ug/L	888.037
	207	Pb	-0.043316	9.451	519.348	ug/L	745.027
>	45	Sc			476242.318	ug/L	467697.114
	47	Ti	0.031838	234.425	680.023	ug/L	647.355
	86	Sr	294.989424	0.480	658841.843	ug/L	151.307
	88	Sr	290.364048	0.944	5566966.870	ug/L	1301.072
>	115	In			986475.189	ug/L	994304.053
	118	Sn	-0.009371	24.176	307.006	ug/L	357.341

L	120 Sn	-0.011162	17.232	408.432	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
⌈	Be	9		
|	B	10		
|	Na	23		
|	Mg	24		
|	Al	27		
|	K	39		
|	Ca	44		
|>	Sc-1	45	101.827	
|	V	51		
|	Cr	52		
|	Mn	55		
|	Fe	57		
|	Co	59		
|	Ni	60		
|	Cu	65		
L	Zn	66		
⌈>	Ge-1	72	97.019	
|	As	75		
L	Se	82		
⌈	Mo	97		
|	Ag	107		
|	Cd	111		
|>	In-1	115	99.213	
L	Sb	123		
⌈	Ba	135		
|>	Ho-1	165	101.243	
|	Tl	205		
|	Pb	208		
L	U	238		
⌈>	Sc-2	45	101.827	
|	Cr	53		
|	Fe	54		
|	Ni	61		
|	Cu	63		
L	Zn	67		
⌈>	Ge	72	97.019	
L	Se	77		
⌈	Mo	98		
|	Ag	109		
|>	In-2	115	99.213	
|	Cd	114		
L	Sb	121		
⌈	Ba	137		
|>	Ho-2	165	101.243	
|	W	182		
|	W	183		
|	Pt	194		
|	Pt	195		
|	Tl	203		
|	Pb	206		
L	Pb	207		
⌈>	Sc	45	101.827	
|	Tl	47		
|	Sr	86		
L	Sr	88		
⌈>	In	115	99.213	
|	Sn	118		
L	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRHW

Sample Date/Time: Thursday, May 24, 2007 22:06:28

Autosampler Position: 91

Dataset File: D:\Elandata\Dataset\052407m1\JWRHW.134

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.006518	199.825	4.000	ug/L	3.000
	10	B	215.626140	3.175	7579.087	ug/L	90.668
	23	Na	17287.752951	1.941	81332202.287	ug/L	24909.622
	24	Mg	8149.958568	1.964	26063320.839	ug/L	6273.773
	27	Al	-0.394674	16.905	13426.443	ug/L	15227.265
	39	K	484.588234	1.215	4029998.787	ug/L	707925.205
	44	Ca	12401.156429	1.177	2918718.307	ug/L	48369.900
>	45	Sc-1			468047.878	ug/L	467697.114
	51	V	-0.734528	75.276	-23215.856	ug/L	-17188.401
	52	Cr	91.678187	0.983	663670.697	ug/L	43700.177
	55	Mn	-0.094636	9.032	2967.338	ug/L	3939.583
	57	Fe	-25.935357	1.971	1754.794	ug/L	6563.304
	59	Co	0.030923	9.448	295.673	ug/L	70.668
	60	Ni	0.338226	7.367	740.693	ug/L	205.004
	65	Cu	0.129577	18.210	446.678	ug/L	201.670
	66	Zn	-0.435807	4.034	3093.032	ug/L	3569.482
>	72	Ge-1			574178.837	ug/L	592936.498
	75	As	2.059606	19.844	2287.475	ug/L	-502.888
	82	Se	0.440615	53.121	-4.496	ug/L	-70.642
	97	Mo	0.404088	5.492	794.363	ug/L	69.001
	107	Ag	0.002145	60.880	124.668	ug/L	109.002
	111	Cd	-0.002866	133.764	30.334	ug/L	35.667
>	115	In-1			983798.758	ug/L	994304.053
	123	Sb	0.016768	32.496	308.622	ug/L	235.401
	135	Ba	0.340190	0.785	746.027	ug/L	183.670
>	165	Ho-1			1283045.450	ug/L	1276105.159
	205	Tl	-0.001987	720.035	1909.148	ug/L	1936.818
	208	Pb	-0.041402	3.452	2489.443	ug/L	3500.871
	238	U	2.120363	2.261	33928.587	ug/L	35.667
>	45	Sc-2			468047.878	ug/L	467697.114
	53	Cr	78.659039	6.096	371107.460	ug/L	319041.768
	54	Fe	2.102127	305.357	43943.966	ug/L	42890.999
	61	Ni	4.233649	22.819	1373.080	ug/L	1069.051
	63	Cu	0.101863	8.757	700.358	ug/L	321.674
	67	Zn	-8.081942	3.456	19956.796	ug/L	21519.078
>	72	Ge			574178.837	ug/L	592936.498
	77	Se	-16.334094	12.324	11226.866	ug/L	13366.987
	98	Mo	0.390728	2.157	1900.057	ug/L	95.062
	109	Ag	0.000199	595.787	120.335	ug/L	120.002
>	115	In-2			983798.758	ug/L	994304.053
	114	Cd	-0.000395	389.793	51.635	ug/L	53.748
	121	Sb	0.000948	315.468	331.340	ug/L	329.340
	137	Ba	0.356731	4.955	1276.070	ug/L	281.339
>	165	Ho-2			1283045.450	ug/L	1276105.159
	182	W	0.112719	1.619	1115.721	ug/L	457.679
	183	W	0.112931	3.915	615.686	ug/L	253.338
	194	Pt	-0.001897	81.094	68.334	ug/L	76.668
	195	Pt	-0.001543	43.340	41.000	ug/L	48.001
	203	Tl	0.003389	387.978	810.031	ug/L	780.029
	206	Pb	-0.039043	12.791	641.354	ug/L	886.037
	207	Pb	-0.039464	20.888	536.015	ug/L	745.027
>	45	Sc			468047.878	ug/L	467697.114
	47	Ti	-0.024534	44.356	632.020	ug/L	647.355
	86	Sr	297.591131	0.663	653197.786	ug/L	151.307
	88	Sr	289.858835	1.682	5461458.336	ug/L	1301.072
>	115	In			983798.758	ug/L	994304.053
	118	Sn	-0.013168	13.045	287.006	ug/L	357.341

120 Sn	-0.010335	40.664	413.108	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	100.075	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	96.836	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	98.943	
Sb	123		
Ba	135		
Ho-1	165	100.544	
Tl	205		
Pb	208		
U	238		
Sc-2	45	100.075	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	96.836	
Se	77		
Mo	98		
Ag	109		
In-2	115	98.943	
Cd	114		
Sb	121		
Ba	137		
Ho-2	166	100.544	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	100.075	
Tl	47		
Sr	86		
Sr	88		
In	115	98.943	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRHX
Sample Date/Time: Thursday, May 24, 2007 22:12:32
Autosampler Position: 92
Dataset File: D:\Elandata\Dataset\052407m1\JWRHX.135

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
⌈	9	Be	0.011375	119.447	4.667	ug/L	3.000
|	10	B	216.993942	0.408	7491.706	ug/L	90.668
|	23	Na	17322.626976	3.914	80033708.924	ug/L	24909.622
|	24	Mg	8272.549737	2.901	25981623.594	ug/L	6273.773
|	27	Al	0.011981	352.581	15020.710	ug/L	15227.265
|	39	K	493.100543	1.974	4015388.467	ug/L	707925.205
|	44	Ca	12668.324889	1.330	2927391.202	ug/L	48369.900
|>	45	Sc-1			459719.042	ug/L	467697.114
|	51	V	-0.568636	63.510	-21440.924	ug/L	-17188.401
|	52	Cr	93.914888	0.735	666740.718	ug/L	43700.177
|	55	Mn	-0.035796	33.412	3510.800	ug/L	3939.583
|	57	Fe	-24.702682	5.179	1949.021	ug/L	6563.304
|	59	Co	0.032564	17.273	302.006	ug/L	70.668
|	60	Ni	0.358981	7.213	759.694	ug/L	205.004
|	65	Cu	0.136912	11.980	452.345	ug/L	201.670
⌊	66	Zn	-0.303684	15.041	3180.386	ug/L	3569.482
⌈>	72	Ge-1			571205.758	ug/L	592936.498
|	75	As	1.806795	22.483	1946.773	ug/L	-502.888
⌊	82	Se	0.115738	382.634	-52.121	ug/L	-70.642
⌈	97	Mo	0.403536	2.963	770.695	ug/L	69.001
|	107	Ag	0.003671	42.007	132.669	ug/L	109.002
|	111	Cd	-0.007682	33.982	21.334	ug/L	35.667
|>	115	In-1			955450.601	ug/L	994304.053
⌊	123	Sb	0.018216	12.189	306.125	ug/L	235.401
⌈	135	Ba	0.352581	4.472	748.027	ug/L	183.670
|>	165	Ho-1			1252344.601	ug/L	1276105.159
|	205	Tl	-0.001141	1135.053	1883.478	ug/L	1936.818
|	208	Pb	-0.041635	4.505	2424.105	ug/L	3500.871
⌊	238	U	2.119454	0.675	33106.996	ug/L	35.667
⌈>	45	Sc-2			459719.042	ug/L	467697.114
|	53	Cr	91.369094	3.688	372727.839	ug/L	319041.768
|	54	Fe	1.445284	388.365	42857.933	ug/L	42890.999
|	61	Ni	3.365466	12.960	1287.738	ug/L	1069.051
|	63	Cu	0.105530	7.731	701.358	ug/L	321.674
⌊	67	Zn	-6.064779	20.446	19987.172	ug/L	21519.078
⌈>	72	Ge			571205.758	ug/L	592936.498
⌊	77	Se	-15.001065	10.638	11306.569	ug/L	13366.987
⌈	98	Mo	0.420294	2.557	1978.292	ug/L	95.062
|	109	Ag	0.001917	112.931	130.002	ug/L	120.002
|>	115	In-2			955450.601	ug/L	994304.053
|	114	Cd	0.000331	566.845	52.885	ug/L	53.748
⌊	121	Sb	-0.000131	2489.722	315.673	ug/L	329.340
⌈	137	Ba	0.385746	0.559	1324.741	ug/L	281.339
|>	165	Ho-2			1252344.601	ug/L	1276105.159
|	182	W	0.126983	8.214	1170.060	ug/L	457.679
|	183	W	0.127390	6.196	646.354	ug/L	253.338
|	194	Pt	0.001822	386.914	83.334	ug/L	76.668
|	195	Pt	0.000549	105.377	49.667	ug/L	48.001
|	203	Tl	0.002429	652.634	785.363	ug/L	780.029
|	206	Pb	-0.039746	8.171	621.686	ug/L	888.037
⌊	207	Pb	-0.041628	14.596	512.014	ug/L	745.027
⌈>	45	Sc			459719.042	ug/L	467697.114
|	47	Ti	-0.020843	148.215	623.020	ug/L	647.355
|	86	Sr	298.457472	1.098	643475.372	ug/L	151.307
⌊	88	Sr	293.615729	0.578	5433860.317	ug/L	1301.072
⌈>	115	In			955450.601	ug/L	994304.053
|	118	Sn	-0.013379	1.165	277.672	ug/L	357.341

L	120 Sn	-0.015329	22.125	368.124	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
⌈	Be	9		
|	B	10		
|	Na	23		
|	Mg	24		
|	Al	27		
|	K	39		
|	Ca	44		
|>	Sc-1	45	98.294	
|	V	51		
|	Cr	52		
|	Mn	55		
|	Fe	57		
|	Co	59		
|	Ni	60		
|	Cu	65		
L	Zn	66		
⌈>	Ge-1	72	96.336	
|	As	75		
L	Se	82		
⌈	Mo	97		
|	Ag	107		
|	Cd	111		
|>	In-1	115	96.092	
L	Sb	123		
⌈	Ba	135		
|>	Ho-1	165	98.138	
|	Tl	205		
|	Pb	208		
L	U	238		
⌈>	Sc-2	45	98.294	
|	Cr	53		
|	Fe	54		
|	Ni	61		
|	Cu	63		
L	Zn	67		
⌈>	Ge	72	96.335	
L	Se	77		
⌈	Mo	98		
|	Ag	109		
|>	In-2	115	96.092	
|	Cd	114		
L	Sb	121		
⌈	Ba	137		
|>	Ho-2	165	98.138	
|	W	182		
|	W	183		
|	Pt	194		
|	Pt	195		
|	Tl	203		
|	Pb	206		
L	Pb	207		
⌈>	Sc	45	98.294	
|	Ti	47		
|	Sr	86		
L	Sr	88		
⌈>	In	115	96.092	
|	Sn	118		
L	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRH0
Sample Date/Time: Thursday, May 24, 2007 22:18:36
Autosampler Position: 93
Dataset File: D:\Elandata\Dataset\052407m1\JWRH0.136

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.020839	33.258	6.000	ug/L	3.000
	10	B	191.868718	2.078	6551.568	ug/L	90.668
	23	Na	25238.130183	2.154	115141935.008	ug/L	24909.622
	24	Mg	3973.457950	1.682	12326738.017	ug/L	6273.773
	27	Al	2.762796	3.872	27079.916	ug/L	15227.265
	39	K	298.139559	1.893	2668931.213	ug/L	707925.205
	44	Ca	11497.488000	0.629	2627974.949	ug/L	48369.900
>	45	Sc-1			453939.412	ug/L	467697.114
	51	V	0.531141	65.945	-12486.774	ug/L	-17188.401
	52	Cr	30.478710	1.321	242299.385	ug/L	43700.177
	55	Mn	0.631848	1.472	10138.365	ug/L	3939.583
	57	Fe	-18.323574	4.336	3072.233	ug/L	6563.304
	59	Co	0.026833	13.402	258.005	ug/L	70.668
	60	Ni	0.342883	3.702	725.692	ug/L	205.004
	65	Cu	0.184843	16.215	534.349	ug/L	201.670
	66	Zn	-0.695367	10.621	2722.620	ug/L	3569.482
>	72	Ge-1			557265.221	ug/L	592936.498
	75	As	3.378646	10.086	3949.318	ug/L	-502.888
	82	Se	0.295379	27.560	-24.656	ug/L	-70.642
	97	Mo	0.754944	1.187	1373.746	ug/L	69.001
	107	Ag	0.001779	86.080	117.335	ug/L	109.002
	111	Cd	-0.002799	68.302	29.334	ug/L	35.667
>	115	In-1			948366.553	ug/L	994304.053
	123	Sb	0.016479	28.724	296.215	ug/L	235.401
	135	Ba	0.244475	4.564	567.684	ug/L	183.670
>	165	Ho-1			1238528.513	ug/L	1276105.159
	205	Tl	-0.004426	401.864	1799.800	ug/L	1936.818
	208	Pb	-0.042825	7.129	2368.767	ug/L	3500.871
	238	U	1.221544	1.523	18884.330	ug/L	35.667
>	45	Sc-2			453939.412	ug/L	467697.114
	53	Cr	33.163387	25.460	330825.893	ug/L	319041.768
	54	Fe	4.597421	102.085	43798.764	ug/L	42890.999
	61	Ni	3.665025	13.716	1292.071	ug/L	1069.051
	63	Cu	0.156294	8.651	875.036	ug/L	321.674
	67	Zn	-4.865708	22.411	19963.807	ug/L	21519.078
>	72	Ge			557265.221	ug/L	592936.498
	77	Se	-7.583494	55.202	11787.594	ug/L	13366.987
	98	Mo	0.765288	1.566	3500.412	ug/L	95.062
	109	Ag	-0.000630	124.712	109.668	ug/L	120.002
>	115	In-2			948366.553	ug/L	994304.053
	114	Cd	-0.000562	129.781	49.158	ug/L	53.748
	121	Sb	0.002396	175.920	327.674	ug/L	329.340
	137	Ba	0.278192	1.676	1021.047	ug/L	281.339
>	165	Ho-2			1238528.513	ug/L	1276105.159
	182	W	0.031767	21.767	622.353	ug/L	457.679
	183	W	0.025136	35.303	323.340	ug/L	253.338
	194	Pt	0.001474	233.616	81.001	ug/L	76.668
	195	Pt	0.004144	68.952	65.334	ug/L	48.001
	203	Tl	-0.002574	597.285	737.360	ug/L	780.029
	206	Pb	-0.039331	14.102	617.020	ug/L	888.037
	207	Pb	-0.042793	11.491	500.347	ug/L	745.027
>	45	Sc			453939.412	ug/L	467697.114
	47	Ti	0.127443	57.195	708.025	ug/L	647.355
	86	Sr	257.200040	0.902	547526.777	ug/L	151.307
	88	Sr	251.918506	0.700	4603745.016	ug/L	1301.072
>	115	In			948366.553	ug/L	994304.053
	118	Sn	-0.009943	18.652	292.339	ug/L	357.341

120 Sn	-0.010520	32.056	396.836	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	97.058	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	93.984	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	95.380	
Sb	123		
Ba	135		
> Ho-1	165	97.055	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	97.058	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	93.984	
Se	77		
Mo	98		
Ag	109		
> In-2	115	95.380	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	97.055	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	97.058	
Ti	47		
Sr	86		
Sr	88		
> In	115	95.380	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 6
Sample Date/Time: Thursday, May 24, 2007 22:24:43
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 6.137

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	184.859220	0.817	27474.670	ug/L	3.000
	10	B	187.240772	1.779	6405.834	ug/L	90.668
	23	Na	1920.821698	0.853	8800486.297	ug/L	24909.622
	24	Mg	983.496472	1.043	3060875.918	ug/L	6273.773
	27	Al	1935.370663	0.895	8646243.678	ug/L	15227.265
	39	K	1847.884381	2.238	12992551.933	ug/L	707925.205
	44	Ca	1040.054947	1.604	280875.745	ug/L	48369.900
>	45	Sc-1			454674.470	ug/L	467697.114
	51	V	173.911268	1.600	1363342.784	ug/L	-17188.401
	52	Cr	187.518449	1.392	1274235.824	ug/L	43700.177
	55	Mn	185.882117	2.184	1864310.104	ug/L	3939.583
	57	Fe	2078.020752	0.202	381031.257	ug/L	6563.304
	59	Co	187.324614	0.928	1324094.560	ug/L	70.668
	60	Ni	182.422911	0.692	280854.513	ug/L	205.004
	65	Cu	182.072729	0.762	334461.780	ug/L	201.670
	66	Zn	183.891559	1.667	199881.547	ug/L	3569.482
>	72	Ge-1			549130.772	ug/L	592936.498
	75	As	192.769767	0.620	248102.570	ug/L	-502.888
	82	Se	193.712564	2.079	26871.566	ug/L	-70.642
	97	Mo	190.561046	3.067	331161.899	ug/L	69.001
	107	Ag	47.984805	0.690	362916.216	ug/L	109.002
	111	Cd	191.001418	0.979	320758.672	ug/L	35.667
>	115	In-1			951388.839	ug/L	994304.053
	123	Sb	188.677878	2.129	824526.405	ug/L	235.401
	135	Ba	184.281113	0.415	292687.685	ug/L	183.670
>	165	Ho-1			1234179.158	ug/L	1276105.159
	205	Tl	180.066088	1.602	3184560.708	ug/L	1936.818
	208	Pb	187.090193	0.385	4481646.614	ug/L	3500.871
	238	U	190.828147	1.137	2934600.097	ug/L	35.667
>	45	Sc-2			454674.470	ug/L	467697.114
	53	Cr	160.323989	9.242	412763.555	ug/L	319041.768
	54	Fe	2039.881692	0.900	1001263.507	ug/L	42890.999
	61	Ni	183.175606	1.011	13785.787	ug/L	1069.051
	63	Cu	182.938631	0.510	660429.282	ug/L	321.674
	67	Zn	173.059995	2.456	53755.840	ug/L	21519.078
>	72	Ge			549130.772	ug/L	592936.498
	77	Se	194.246282	3.666	31900.123	ug/L	13366.987
	98	Mo	189.085681	1.832	845129.904	ug/L	95.052
	109	Ag	47.386266	1.303	359844.332	ug/L	120.002
>	115	In-2			951388.839	ug/L	994304.053
	114	Cd	195.453898	0.500	731437.377	ug/L	53.748
	121	Sb	191.040160	2.331	1081684.159	ug/L	329.340
	137	Ba	187.723688	0.909	503195.828	ug/L	281.339
>	165	Ho-2			1234179.158	ug/L	1276105.159
	182	W	187.511021	0.883	1049399.146	ug/L	457.679
	183	W	187.083916	0.646	575612.345	ug/L	253.338
	194	Pt	188.361130	0.452	830868.348	ug/L	76.668
	195	Pt	191.144661	0.885	864447.865	ug/L	48.001
	203	Tl	183.133097	0.938	1362014.801	ug/L	780.029
	206	Pb	193.366878	0.680	1200022.075	ug/L	888.037
	207	Pb	188.444604	0.373	977848.051	ug/L	745.027
>	45	Sc			454674.470	ug/L	467697.114
	47	Ti	193.218696	0.649	121788.816	ug/L	647.355
	86	Sr	187.642618	1.540	400142.716	ug/L	151.307
	88	Sr	182.553006	1.510	3341809.252	ug/L	1301.072
>	115	In			951388.839	ug/L	994304.053
	118	Sn	190.354335	1.603	931022.871	ug/L	357.341

L	120 Sn	189.195435	1.676	1247878.322	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
⌈	Be	9		92.430
|	B	10		93.620
|	Na	23		96.041
|	Mg	24		98.350
|	Al	27		96.769
|	K	39		92.394
|	Ca	44		104.005
|>	Sc-1	45	97.216	
|	V	51		86.956
|	Cr	52		93.759
|	Mn	55		92.941
|	Fe	57		103.901
|	Co	59		93.662
|	Ni	60		91.211
|	Cu	65		91.036
L	Zn	66		91.946
⌈>	Ge-1	72	92.612	
|	As	75		96.385
L	Se	82		96.856
⌈	Mo	97		95.281
|	Ag	107		95.970
|	Cd	111		95.501
|>	In-1	115	95.684	
L	Sb	123		94.339
⌈	Ba	135		92.141
|>	Ho-1	165	96.715	
|	Tl	205		90.033
|	Pb	208		93.545
L	U	238		95.414
⌈>	Sc-2	45	97.216	
|	Cr	53		80.162
|	Fe	54		101.994
|	Ni	61		91.588
|	Cu	63		91.469
L	Zn	67		86.530
⌈>	Ge	72	92.612	
L	Se	77		97.123
⌈	Mo	98		94.543
|	Ag	109		94.773
|>	In-2	115	95.684	
|	Cd	114		97.727
L	Sb	121		95.520
⌈	Ba	137		93.862
|>	Ho-2	165	96.715	
|	W	182		93.756
|	W	183		93.542
|	Pt	194		94.181
|	Pt	195		95.572
|	Tl	203		91.567
|	Pb	206		96.683
L	Pb	207		94.222
⌈>	Sc	45	97.216	
|	Ti	47		96.609
|	Sr	86		93.821
L	Sr	88		91.277
⌈>	In	115	95.684	
|	Sn	118		95.177
L	Sn	120		94.598

QC Out Of Limits

Analyte	Mass	Out of Limits Message
V	51	Q
Cr	53	Q
Zn	67	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 7
Sample Date/Time: Thursday, May 24, 2007 22:31:20
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 7.138

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.013790	94.213	5.000	ug/L	3.000
	10	B	5.369424	21.063	270.005	ug/L	90.668
	23	Na	0.055549	192.702	24557.002	ug/L	24909.622
	24	Mg	0.041721	109.580	6250.763	ug/L	6273.773
	27	Al	-0.583454	13.065	12245.371	ug/L	15227.265
	39	K	-3.000979	13.035	670700.797	ug/L	707925.205
	44	Ca	-31.074254	2.849	40182.837	ug/L	48369.900
>	45	Sc-1			456359.843	ug/L	467697.114
	51	V	0.959532	133.413	-9169.983	ug/L	-17188.401
	52	Cr	-1.372546	4.691	33593.803	ug/L	43700.177
	55	Mn	-0.146731	8.568	2369.554	ug/L	3939.583
	57	Fe	-3.113370	20.763	5840.582	ug/L	6563.304
	59	Co	0.005471	33.396	107.668	ug/L	70.668
	60	Ni	0.000503	3133.108	200.670	ug/L	205.004
	65	Cu	-0.007836	31.583	182.336	ug/L	201.670
	66	Zn	-0.621794	5.530	2816.306	ug/L	3569.482
>	72	Ge-1			562940.025	ug/L	592936.498
	75	As	-0.238807	21.732	-793.004	ug/L	-502.688
	82	Se	0.044324	268.987	-60.665	ug/L	-70.642
	97	Mo	0.086801	31.242	220.337	ug/L	69.001
	107	Ag	0.005580	46.398	148.669	ug/L	109.002
	111	Cd	0.007051	53.732	46.667	ug/L	35.667
>	115	In-1			965439.538	ug/L	994304.053
	123	Sb	0.036849	30.060	392.163	ug/L	235.401
	135	Ba	-0.011386	67.057	164.336	ug/L	183.670
>	165	Ho-1			1271253.636	ug/L	1276105.159
	205	Tl	0.329942	35.482	7955.746	ug/L	1936.818
	208	Pb	-0.021237	25.533	2965.150	ug/L	3500.871
	238	U	0.008959	20.605	177.670	ug/L	35.667
>	45	Sc-2			456359.843	ug/L	467697.114
	53	Cr	-65.392603	2.094	269285.841	ug/L	319041.768
	54	Fe	-3.701044	138.507	40087.470	ug/L	42890.899
	61	Ni	0.636219	81.544	1087.386	ug/L	1069.051
	63	Cu	-0.008312	68.355	283.672	ug/L	321.674
	67	Zn	-7.772384	11.084	19516.184	ug/L	21519.076
>	72	Ge			562940.025	ug/L	592936.498
	77	Se	-33.749066	6.382	9212.721	ug/L	13366.987
	98	Mo	0.093131	39.644	515.595	ug/L	95.062
	109	Ag	0.025837	9.704	315.673	ug/L	120.002
>	115	In-2			965439.538	ug/L	994304.053
	114	Cd	0.013346	8.540	102.886	ug/L	53.748
	121	Sb	0.033872	33.589	514.681	ug/L	329.340
	137	Ba	-0.003991	107.531	269.339	ug/L	281.339
>	165	Ho-2			1271253.636	ug/L	1276105.159
	182	W	0.248973	21.983	1892.814	ug/L	457.679
	183	W	0.258489	33.270	1073.720	ug/L	253.338
	194	Pt	0.006151	11.396	104.335	ug/L	76.668
	195	Pt	0.007367	60.536	82.334	ug/L	48.001
	203	Tl	0.336834	28.761	3362.777	ug/L	780.029
	206	Pb	-0.019575	21.510	759.694	ug/L	888.037
	207	Pb	-0.018520	51.652	643.668	ug/L	745.027
>	45	Sc			456359.843	ug/L	467697.114
	47	Ti	-0.149655	26.825	537.349	ug/L	647.355
	86	Sr	-0.017383	145.484	110.335	ug/L	151.307
	88	Sr	0.002413	58.353	1313.740	ug/L	1301.072
>	115	In			965439.538	ug/L	994304.053
	118	Sn	0.031067	28.419	501.347	ug/L	357.341

120	Sn	0.033278	18.919	697.355	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		1.379
	B	10		536.942
	Na	23		0.056
	Mg	24		0.042
	Al	27		-0.583
	K	39		-3.001
	Ca	44		-31.074
>	Sc-1	45	97.576	
	V	51		95.953
	Cr	52		-137.255
	Mn	55		-14.673
	Fe	57		-3.113
	Co	59		0.547
	Ni	60		0.050
	Cu	65		-0.784
	Zn	66		-62.179
>	Ge-1	72	94.941	
	As	75		-23.881
	Se	82		4.432
	Mo	97		8.680
	Ag	107		0.558
	Cd	111		0.705
>	In-1	115	97.097	
	Sb	123		3.685
	Ba	135		-1.139
>	Ho-1	165	99.620	
	Tl	205		32.994
	Pb	208		-2.124
	U	238		0.896
>	Sc-2	45	97.576	
	Cr	53		-6539.260
	Fe	54		-3.701
	Ni	61		63.622
	Cu	63		-0.831
	Zn	67		-777.238
>	Ge	72	94.941	
	Se	77		-3374.907
	Mo	98		9.313
	Ag	109		2.584
>	In-2	115	97.097	
	Cd	114		1.335
	Sb	121		3.387
	Ba	137		-0.399
>	Ho-2	165	99.620	
	W	182		24.897
	W	183		25.849
	Pt	194		0.615
	Pt	195		0.737
	Tl	203		33.683
	Pb	206		-1.957
	Pb	207		-1.852
>	Sc	45	97.576	
	Ti	47		-14.966
	Sr	86		-1.738
	Sr	88		0.241
>	In	115	97.097	
	Sn	118		3.107
	Sn	120		3.328

QC Out Of Limits

Analyte	Mass	Out of Limits Message
B	10	Q
Cr	52	Q
Cr	53	Q
Zn	67	Q
Se	77	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRH1
Sample Date/Time: Thursday, May 24, 2007 22:37:55
Autosampler Position: 94
Dataset File: D:\Elandata\Dataset\052407m1\JWRH1.139

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
⌈	9	Be	0.002466	674.424	3.333	ug/L	3.000
|	10	B	189.647357	0.892	6601.591	ug/L	90.668
|	23	Na	25491.851355	2.818	118544126.247	ug/L	24909.622
|	24	Mg	4108.714579	2.655	12991055.886	ug/L	6273.773
|	27	Al	2.579062	1.714	26769.326	ug/L	15227.265
|	39	K	298.199964	1.021	2721029.254	ug/L	707925.205
|	44	Ca	11963.309735	0.808	2785231.485	ug/L	48369.900
|>	45	Sc-1			462720.230	ug/L	467697.114
|	51	V	5.217770	120.745	25156.144	ug/L	-17188.401
|	52	Cr	30.866001	1.836	249549.590	ug/L	43700.177
|	55	Mn	0.638376	4.824	10398.221	ug/L	3939.583
|	57	Fe	-26.013864	1.049	1720.388	ug/L	6563.304
|	59	Co	0.028588	13.411	275.339	ug/L	70.668
|	60	Ni	0.312686	4.844	692.357	ug/L	205.004
|	65	Cu	0.164275	15.996	506.347	ug/L	201.670
⌊	66	Zn	-0.781484	9.760	2681.278	ug/L	3569.482
⌈>	72	Ge-1			562135.023	ug/L	592936.498
|	75	As	4.628482	5.832	5630.401	ug/L	-502.888
⌊	82	Se	0.247885	46.219	-31.681	ug/L	-70.642
⌈	97	Mo	0.809610	3.303	1469.757	ug/L	69.001
|	107	Ag	0.002730	42.154	124.668	ug/L	109.002
|	111	Cd	0.001752	357.388	37.000	ug/L	35.667
|>	115	In-1			949216.770	ug/L	994304.053
⌊	123	Sb	0.026393	26.834	339.841	ug/L	235.401
⌈	135	Ba	0.253035	4.101	588.685	ug/L	183.670
|>	165	Ho-1			1254132.239	ug/L	1276105.159
|	205	Tl	0.093854	40.942	3587.163	ug/L	1936.818
|	208	Pb	-0.036890	14.996	2543.113	ug/L	3500.871
⌊	238	U	1.296592	2.918	20292.944	ug/L	35.667
⌈>	45	Sc-2			462720.230	ug/L	467697.114
|	53	Cr	-25.921263	26.100	298729.929	ug/L	319041.768
|	54	Fe	-0.932226	633.317	41982.524	ug/L	42890.999
|	61	Ni	2.935467	20.228	1265.735	ug/L	1069.051
|	63	Cu	0.171128	6.778	946.374	ug/L	321.674
⌊	67	Zn	-8.471380	9.021	19653.374	ug/L	21519.078
⌈>	72	Ge			562135.023	ug/L	592936.498
⌊	77	Se	-30.726860	3.614	9511.217	ug/L	13366.987
⌈	98	Mo	0.815207	1.582	3726.359	ug/L	95.062
|	109	Ag	0.010088	23.678	191.003	ug/L	120.002
|>	115	In-2			949216.770	ug/L	994304.053
|	114	Cd	0.001239	183.673	55.927	ug/L	53.748
⌊	121	Sb	0.012902	69.381	387.343	ug/L	329.340
⌈	137	Ba	0.272913	7.532	1019.047	ug/L	281.339
|>	165	Ho-2			1254132.239	ug/L	1276105.159
|	182	W	0.129730	4.687	1187.061	ug/L	457.679
|	183	W	0.120054	8.479	624.353	ug/L	253.338
|	194	Pt	0.004084	34.037	93.668	ug/L	76.668
|	195	Pt	0.004163	36.263	66.334	ug/L	48.001
|	203	Tl	0.097173	36.304	1499.762	ug/L	780.029
|	206	Pb	-0.034715	13.899	654.022	ug/L	888.037
⌊	207	Pb	-0.030224	6.957	573.017	ug/L	745.027
⌈>	45	Sc			462720.230	ug/L	467697.114
|	47	Ti	0.082385	46.766	693.024	ug/L	647.355
|	86	Sr	268.038700	1.833	581562.184	ug/L	151.307
⌊	88	Sr	262.041402	1.570	4880764.460	ug/L	1301.072
⌈>	115	In			949216.770	ug/L	994304.053
|	118	Sn	0.001951	140.093	350.674	ug/L	357.341

120 Sn	-0.001776	344.092	454.834	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	98.936	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	94.805	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	95.465	
Sb	123		
Ba	135		
> Ho-1	165	98.278	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	98.936	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	94.805	
Se	77		
Mo	98		
Ag	109		
> In-2	115	95.465	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	98.278	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	98.936	
Tl	47		
Sr	86		
Sr	88		
> In	115	95.465	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRH2
Sample Date/Time: Thursday, May 24, 2007 22:44:00
Autosampler Position: 95
Dataset File: D:\Elandata\Dataset\052407m1\JWRH2.140

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	-0.010584	37.217	1.333	ug/L	3.000
	10	B	189.337468	2.367	6431.179	ug/L	90.668
	23	Na	25753.904043	0.340	116882116.356	ug/L	24909.622
	24	Mg	4071.397399	0.972	12564028.797	ug/L	6273.773
	27	Al	-0.560938	2.616	12216.343	ug/L	15227.265
	39	K	304.142019	1.654	2694608.820	ug/L	707925.205
	44	Ca	11895.815242	0.327	2702996.489	ug/L	48369.900
>	45	Sc-1			451530.024	ug/L	467697.114
	51	V	1.300313	21.827	-6351.775	ug/L	-17188.401
	52	Cr	31.304496	1.013	246410.253	ug/L	43700.177
	55	Mn	0.551234	1.693	9282.775	ug/L	3939.583
	57	Fe	-26.921287	2.016	1515.968	ug/L	6563.304
	59	Co	0.027510	3.413	261.338	ug/L	70.668
	60	Ni	0.341818	6.962	720.025	ug/L	205.004
	65	Cu	0.172340	9.544	509.014	ug/L	201.670
	66	Zn	-0.693707	4.299	2710.284	ug/L	3569.482
>	72	Ge-1			550287.102	ug/L	592936.498
	75	As	4.449908	7.883	5284.303	ug/L	-502.888
	82	Se	0.122559	208.246	-48.557	ug/L	-70.642
	97	Mo	0.788534	0.668	1412.084	ug/L	69.001
	107	Ag	0.004027	92.389	132.335	ug/L	109.002
	111	Cd	-0.000533	281.066	32.667	ug/L	35.667
>	115	In-1			935160.831	ug/L	994304.053
	123	Sb	0.015516	68.795	287.888	ug/L	235.401
	135	Ba	0.211027	7.715	512.348	ug/L	183.670
>	165	Ho-1			1233301.470	ug/L	1276105.159
	205	Tl	0.030624	80.006	2415.233	ug/L	1936.818
	208	Pb	-0.045786	3.550	2288.428	ug/L	3500.871
	238	U	1.271116	1.053	19566.252	ug/L	35.667
>	45	Sc-2			451530.024	ug/L	467697.114
	53	Cr	1.478849	323.174	308944.375	ug/L	319041.768
	54	Fe	-1.887167	396.084	40519.302	ug/L	42890.999
	61	Ni	3.541195	12.336	1276.736	ug/L	1069.051
	63	Cu	0.177532	2.722	946.708	ug/L	321.674
	67	Zn	-5.571768	17.937	19724.805	ug/L	21519.078
>	72	Ge			550287.102	ug/L	592936.498
	77	Se	-21.703771	2.916	10219.855	ug/L	13366.987
	98	Mo	0.818687	1.089	3686.536	ug/L	95.062
	109	Ag	0.008611	46.379	177.003	ug/L	120.002
>	115	In-2			935160.831	ug/L	994304.053
	114	Cd	-0.000008	22297.425	50.521	ug/L	53.748
	121	Sb	0.000403	192.767	312.007	ug/L	329.340
	137	Ba	0.231616	2.579	892.037	ug/L	281.339
>	165	Ho-2			1233301.470	ug/L	1276105.159
	182	W	0.070926	10.296	839.033	ug/L	457.679
	183	W	0.070533	5.815	461.679	ug/L	253.338
	194	Pt	0.002093	96.390	83.334	ug/L	76.668
	195	Pt	0.003679	54.684	63.001	ug/L	48.001
	203	Tl	0.035561	49.932	1018.714	ug/L	780.029
	206	Pb	-0.046822	3.874	568.017	ug/L	888.037
	207	Pb	-0.038916	14.401	518.348	ug/L	745.027
>	45	Sc			451530.024	ug/L	467697.114
	47	Ti	-0.002658	1725.198	623.353	ug/L	647.355
	86	Sr	264.600596	1.530	560302.625	ug/L	151.307
	88	Sr	257.209874	0.864	4675463.299	ug/L	1301.072
>	115	In			935160.831	ug/L	994304.053
	118	Sn	-0.006734	31.247	303.673	ug/L	357.341

120	Sn	-0.011006	18.755	388.205	ug/L	488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	96.543	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
> Ge-1	72	92.807	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
> In-1	115	94.052	
Sb	123		
Ba	135		
> Ho-1	165	96.646	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	96.543	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
> Ge	72	92.807	
Se	77		
Mo	98		
Ag	109		
> In-2	115	94.052	
Cd	114		
Sb	121		
Ba	137		
> Ho-2	165	96.646	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
> Sc	45	96.543	
Ti	47		
Sr	86		
Sr	88		
> In	115	94.052	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRH3
Sample Date/Time: Thursday, May 24, 2007 22:50:06
Autosampler Position: 96
Dataset File: D:\Elandata\Dataset\052407m1\JWRH3.141

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.002872	273.249	3.333	ug/L	3.000
	10	B	197.700005	2.782	6742.992	ug/L	90.668
	23	Na	26646.857519	2.709	121503859.338	ug/L	24909.622
	24	Mg	4327.855298	2.226	13419138.495	ug/L	6273.773
	27	Al	-0.686735	2.992	11714.919	ug/L	15227.265
	39	K	313.656064	1.095	2770673.462	ug/L	707925.205
	44	Ca	12513.935631	1.326	2854395.332	ug/L	48369.900
>	45	Sc-1			453678.475	ug/L	467697.114
	51	V	1.360249	16.332	-5901.164	ug/L	-17188.401
	52	Cr	33.264818	0.769	260431.463	ug/L	43700.177
	55	Mn	0.620229	3.384	10015.610	ug/L	3939.583
	57	Fe	-28.046468	6.323	1322.091	ug/L	6563.304
	59	Co	0.032296	22.312	296.339	ug/L	70.668
	60	Ni	0.382254	2.022	785.696	ug/L	205.004
	65	Cu	0.189438	4.059	542.682	ug/L	201.670
	66	Zn	-0.697816	14.677	2718.619	ug/L	3569.482
>	72	Ge-1			559638.955	ug/L	592936.498
	75	As	4.264619	5.259	5128.815	ug/L	-502.888
	82	Se	0.040455	992.578	-61.062	ug/L	-70.642
	97	Mo	0.809249	2.763	1473.091	ug/L	69.001
	107	Ag	0.000743	211.694	110.002	ug/L	109.002
	111	Cd	-0.005238	27.896	25.334	ug/L	35.667
>	115	In-1			951790.337	ug/L	994304.053
	123	Sb	0.017254	29.058	300.670	ug/L	235.401
	135	Ba	0.219434	6.036	531.682	ug/L	183.670
>	165	Ho-1			1248077.638	ug/L	1276105.159
	205	Tl	0.016960	104.839	2193.859	ug/L	1936.818
	208	Pb	-0.046587	9.169	2295.095	ug/L	3500.871
	238	U	1.357513	2.341	21139.842	ug/L	35.667
>	45	Sc-2			453678.475	ug/L	467697.114
	53	Cr	6.529813	74.118	313644.236	ug/L	319041.768
	54	Fe	0.110943	7355.206	41659.151	ug/L	42890.999
	61	Ni	3.130581	40.072	1254.401	ug/L	1069.051
	63	Cu	0.185477	7.967	979.710	ug/L	321.674
	67	Zn	-7.477546	10.910	19458.438	ug/L	21519.078
>	72	Ge			559638.955	ug/L	592936.498
	77	Se	-18.251483	4.203	10747.040	ug/L	13366.987
	98	Mo	0.837684	1.152	3837.096	ug/L	95.062
	109	Ag	0.001811	129.630	128.669	ug/L	120.002
>	115	In-2			951790.337	ug/L	994304.053
	114	Cd	0.000811	267.900	54.492	ug/L	53.748
	121	Sb	0.002550	150.809	329.674	ug/L	329.340
	137	Ba	0.242198	5.777	931.040	ug/L	281.339
>	165	Ho-2			1248077.638	ug/L	1276105.159
	182	W	0.058052	9.079	776.029	ug/L	457.679
	183	W	0.060528	8.354	436.011	ug/L	253.338
	194	Pt	0.001277	148.766	80.668	ug/L	76.668
	195	Pt	0.004822	16.845	69.001	ug/L	48.001
	203	Tl	0.018659	113.195	901.371	ug/L	780.029
	206	Pb	-0.045250	12.295	584.351	ug/L	888.037
	207	Pb	-0.044677	16.137	494.014	ug/L	745.027
>	45	Sc			453678.475	ug/L	467697.114
	47	Ti	-0.047761	131.632	598.019	ug/L	647.355
	86	Sr	282.133871	0.883	600257.651	ug/L	151.307
	88	Sr	278.937825	0.723	5094499.952	ug/L	1301.072
>	115	In			951790.337	ug/L	994304.053
	118	Sn	-0.010165	5.428	292.339	ug/L	357.341

120 Sn	-0.008637	21.735	410.814	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	97.003	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	94.384	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	95.724	
Sb	123		
Ba	135		
Ho-1	165	97.804	
Tl	205		
Pb	208		
U	238		
Sc-2	45	97.003	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	94.384	
Se	77		
Mo	98		
Ag	109		
In-2	115	95.724	
Cd	114		
Sb	121		
Ba	137		
Ho-2	165	97.804	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	97.003	
Tl	47		
Sr	86		
Sr	88		
In	115	95.724	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRH5
Sample Date/Time: Thursday, May 24, 2007 22:56:12
Autosampler Position: 97
Dataset File: D:\Elandata\Dataset\052407m1\JWRH5.142

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.003260	120.343	3.333	ug/L	3.000
	10	B	186.892895	2.055	6266.771	ug/L	90.668
	23	Na	25351.741607	2.084	113524209.440	ug/L	24909.622
	24	Mg	4032.600598	2.627	12278276.457	ug/L	6273.773
	27	Al	0.395099	10.926	16233.381	ug/L	15227.265
	39	K	302.476792	2.617	2648107.020	ug/L	707925.205
	44	Ca	11647.553255	0.137	2612766.480	ug/L	48369.900
>	45	Sc-1			445602.335	ug/L	467697.114
	51	V	1.102243	25.741	-7823.220	ug/L	-17188.401
	52	Cr	30.939074	0.988	240818.903	ug/L	43700.177
	55	Mn	0.550052	3.518	9148.354	ug/L	3939.583
	57	Fe	-25.673934	5.703	1715.941	ug/L	6563.304
	59	Co	0.029815	6.975	274.005	ug/L	70.668
	60	Ni	0.319477	3.911	677.023	ug/L	205.004
	65	Cu	0.167029	10.803	492.347	ug/L	201.670
	66	Zn	-0.741097	5.069	2624.934	ug/L	3569.482
>	72	Ge-1			548338.288	ug/L	592936.498
	75	As	4.542362	10.804	5382.072	ug/L	-502.888
	82	Se	0.222873	45.509	-34.455	ug/L	-70.642
	97	Mo	0.773216	1.260	1378.080	ug/L	69.001
	107	Ag	0.001167	163.001	110.668	ug/L	109.002
	111	Cd	-0.003467	56.472	27.667	ug/L	35.667
>	115	In-1			929939.642	ug/L	994304.053
	123	Sb	0.016433	17.243	290.306	ug/L	235.401
	135	Ba	0.220766	3.733	520.015	ug/L	183.670
>	165	Ho-1			1215678.662	ug/L	1276105.159
	205	Tl	0.012828	136.163	2067.839	ug/L	1936.818
	208	Pb	-0.046038	8.995	2248.759	ug/L	3500.871
	238	U	1.275045	1.645	19344.616	ug/L	35.667
>	45	Sc-2			445602.335	ug/L	467697.114
	53	Cr	14.256308	83.482	312838.537	ug/L	319041.768
	54	Fe	1.578941	498.691	41619.443	ug/L	42890.999
	61	Ni	2.608145	23.115	1196.729	ug/L	1069.051
	63	Cu	0.156836	4.042	861.035	ug/L	321.674
	67	Zn	-6.136975	27.112	19358.301	ug/L	21519.078
>	72	Ge			548338.288	ug/L	592936.498
	77	Se	-12.893242	12.986	11067.450	ug/L	13366.987
	98	Mo	0.794467	0.478	3560.244	ug/L	95.062
	109	Ag	0.000818	122.871	118.335	ug/L	120.002
>	115	In-2			929939.642	ug/L	994304.053
	114	Cd	-0.001001	85.369	46.605	ug/L	53.748
	121	Sb	0.000525	805.002	311.007	ug/L	329.340
	137	Ba	0.236177	4.847	891.037	ug/L	281.339
>	165	Ho-2			1215678.662	ug/L	1276105.159
	182	W	0.049611	24.433	709.358	ug/L	457.679
	183	W	0.045860	26.750	380.009	ug/L	253.338
	194	Pt	0.005352	44.067	96.335	ug/L	76.668
	195	Pt	0.005828	24.764	71.668	ug/L	48.001
	203	Tl	0.011521	113.886	827.366	ug/L	780.029
	206	Pb	-0.041363	13.012	593.018	ug/L	888.037
	207	Pb	-0.049886	6.369	455.012	ug/L	745.027
>	45	Sc			445602.335	ug/L	467697.114
	47	Ti	0.007935	233.396	621.686	ug/L	647.355
	86	Sr	264.381733	0.641	552478.323	ug/L	151.307
	88	Sr	258.258296	2.031	4632088.797	ug/L	1301.072
>	115	In			929939.642	ug/L	994304.053
	118	Sn	-0.012266	26.593	275.672	ug/L	357.341

120 Sn	-0.011432	44.285	383.547	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		
	B	10		
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	95.276	
	V	51		
	Cr	52		
	Mn	55		
	Fe	57		
	Co	59		
	Ni	60		
	Cu	65		
	Zn	66		
>	Ge-1	72	92.478	
	As	75		
	Se	82		
	Mo	97		
	Ag	107		
	Cd	111		
>	In-1	115	93.527	
	Sb	123		
	Ba	135		
>	Ho-1	165	95.265	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	95.276	
	Cr	53		
	Fe	54		
	Ni	61		
	Cu	63		
	Zn	67		
>	Ge	72	92.478	
	Se	77		
	Mo	98		
	Ag	109		
>	In-2	115	93.527	
	Cd	114		
	Sb	121		
	Ba	137		
>	Ho-2	165	95.265	
	W	182		
	W	183		
	Pt	194		
	Pt	195		
	Tl	203		
	Pb	206		
	Pb	207		
>	Sc	45	95.276	
	Ti	47		
	Sr	86		
	Sr	88		
>	In	115	93.527	
	Sn	118		
	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRH6
Sample Date/Time: Thursday, May 24, 2007 23:02:18
Autosampler Position: 98
Dataset File: D:\Elandata\Dataset\052407m1\JWRH6.143

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.012672	86.689	4.667	ug/L	3.000
	10	B	193.389017	2.563	6452.856	ug/L	90.668
	23	Na	26560.822679	1.656	118432452.737	ug/L	24909.622
	24	Mg	4262.367950	2.156	12923202.446	ug/L	6273.773
	27	Al	1.257511	1.524	19914.070	ug/L	15227.265
	39	K	313.280592	1.910	2706531.609	ug/L	707925.205
	44	Ca	12315.528169	0.101	2747652.927	ug/L	48369.900
>	45	Sc-1			443609.388	ug/L	467697.114
	51	V	0.841271	59.601	-9749.975	ug/L	-17188.401
	52	Cr	32.841322	1.483	251905.441	ug/L	43700.177
	55	Mn	0.637343	5.153	9958.237	ug/L	3939.583
	57	Fe	-24.596730	7.210	1895.465	ug/L	6563.304
	59	Co	0.032447	14.325	290.673	ug/L	70.668
	60	Ni	0.335831	4.836	698.691	ug/L	205.004
	65	Cu	0.181194	6.078	516.014	ug/L	201.670
	66	Zn	-0.703997	9.332	2651.939	ug/L	3569.482
>	72	Ge-1			541647.692	ug/L	592936.498
	75	As	4.120517	6.069	4781.170	ug/L	-502.888
	82	Se	0.065040	338.576	-55.631	ug/L	-70.642
	97	Mo	0.798910	4.305	1399.749	ug/L	69.001
	107	Ag	0.000941	328.419	107.335	ug/L	109.002
	111	Cd	-0.003813	43.658	26.667	ug/L	35.667
>	115	In-1			915563.538	ug/L	994304.053
	123	Sb	0.015924	12.653	283.675	ug/L	235.401
	135	Ba	0.267879	4.226	585.018	ug/L	183.670
>	165	Ho-1			1197744.668	ug/L	1276105.159
	205	Tl	0.003965	430.628	1885.479	ug/L	1936.818
	208	Pb	-0.043912	6.449	2265.759	ug/L	3500.871
	238	U	1.335701	0.850	19967.479	ug/L	35.667
>	45	Sc-2			443609.388	ug/L	467697.114
	53	Cr	26.539893	19.000	319156.338	ug/L	319041.768
	54	Fe	1.486512	749.859	41320.639	ug/L	42890.999
	61	Ni	3.263869	26.059	1235.066	ug/L	1069.051
	63	Cu	0.179344	3.278	936.707	ug/L	321.674
	67	Zn	-4.675144	20.362	19544.892	ug/L	21519.078
>	72	Ge			541647.692	ug/L	592936.498
	77	Se	-9.479327	15.635	11271.357	ug/L	13366.987
	98	Mo	0.831745	1.415	3665.307	ug/L	95.062
	109	Ag	-0.000933	52.160	103.668	ug/L	120.002
>	115	In-2			915563.538	ug/L	994304.053
	114	Cd	-0.000333	1006.340	48.272	ug/L	53.748
	121	Sb	0.002817	129.136	318.673	ug/L	329.340
	137	Ba	0.257914	8.259	934.707	ug/L	281.339
>	165	Ho-2			1197744.668	ug/L	1276105.159
	182	W	0.048958	15.066	695.357	ug/L	457.679
	183	W	0.052453	15.714	394.343	ug/L	253.338
	194	Pt	0.005230	32.751	94.335	ug/L	76.668
	195	Pt	0.004320	40.683	64.001	ug/L	48.001
	203	Tl	0.013648	127.778	830.366	ug/L	780.029
	206	Pb	-0.038505	15.151	601.685	ug/L	888.037
	207	Pb	-0.043577	15.046	480.013	ug/L	745.027
>	45	Sc			443609.388	ug/L	467697.114
	47	Ti	0.074676	5.234	659.688	ug/L	647.355
	86	Sr	277.136124	1.901	576439.800	ug/L	151.307
	88	Sr	266.571605	0.348	4760586.058	ug/L	1301.072
>	115	In			915563.538	ug/L	994304.053
	118	Sn	-0.011346	16.352	275.672	ug/L	357.341

120 Sn	-0.012597	32.263	369.849	ug/L		488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		
	B	10		
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	94.850	
	V	51		
	Cr	52		
	Mn	55		
	Fe	57		
	Co	59		
	Ni	60		
	Cu	65		
	Zn	66		
>	Ge-1	72	91.350	
	As	75		
	Se	82		
	Mo	97		
	Ag	107		
	Cd	111		
>	In-1	115	92.081	
	Sb	123		
	Ba	135		
>	Ho-1	165	93.859	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	94.850	
	Cr	53		
	Fe	54		
	Ni	61		
	Cu	63		
	Zn	67		
>	Ge	72	91.350	
	Se	77		
	Mo	98		
	Ag	109		
>	In-2	115	92.081	
	Cd	114		
	Sb	121		
	Ba	137		
>	Ho-2	165	93.859	
	W	182		
	W	183		
	Pt	194		
	Pt	195		
	Tl	203		
	Pb	206		
	Pb	207		
>	Sc	45	94.850	
	Tl	47		
	Sr	86		
	Sr	88		
>	In	115	92.081	
	Sn	118		
	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRH8
Sample Date/Time: Thursday, May 24, 2007 23:08:25
Autosampler Position: 99
Dataset File: D:\Elandata\Dataset\052407m1\JWRH8.144

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.013477	51.011	5.000	ug/L	3.000
	10	B	7.298798	19.831	340.007	ug/L	90.668
	23	Na	388.029863	0.894	1828420.197	ug/L	24909.622
	24	Mg	106.165346	0.442	341715.687	ug/L	6273.773
	27	Al	40.029636	1.410	196720.906	ug/L	15227.265
	39	K	87.391334	1.615	1292343.154	ug/L	707925.205
	44	Ca	379.364212	1.777	134640.678	ug/L	48369.900
>	45	Sc-1			462609.842	ug/L	467697.114
	51	V	-3.249587	18.886	-43217.930	ug/L	-17188.401
	52	Cr	2.221785	9.713	58081.157	ug/L	43700.177
	55	Mn	24.650406	2.053	254918.359	ug/L	3939.583
	57	Fe	30.090677	7.289	12009.337	ug/L	6563.304
	59	Co	0.283109	2.485	2106.176	ug/L	70.668
	60	Ni	0.249795	13.858	593.685	ug/L	205.004
	65	Cu	0.667614	2.486	1446.421	ug/L	201.670
	66	Zn	17.043701	1.210	22051.226	ug/L	3569.482
>	72	Ge-1			579388.238	ug/L	592936.498
	75	As	-1.060773	74.163	-1930.705	ug/L	-502.888
	82	Se	0.338405	40.125	-19.337	ug/L	-70.642
	97	Mo	0.036436	9.313	131.335	ug/L	69.001
	107	Ag	0.005210	51.029	145.669	ug/L	109.002
	111	Cd	0.021991	38.503	72.001	ug/L	35.667
>	115	In-1			965603.357	ug/L	994304.053
	123	Sb	0.020692	21.402	320.239	ug/L	235.401
	135	Ba	1.848429	1.905	3178.052	ug/L	183.670
>	165	Ho-1			1260622.932	ug/L	1276105.159
	205	Tl	0.024481	45.977	2356.886	ug/L	1936.818
	208	Pb	0.601113	0.869	18154.353	ug/L	3500.871
	238	U	0.008492	4.247	168.669	ug/L	35.667
>	45	Sc-2			462609.842	ug/L	467697.114
	53	Cr	166.017517	14.253	423786.635	ug/L	319041.768
	54	Fe	106.433482	6.727	93348.460	ug/L	42890.999
	61	Ni	1.145699	35.746	1138.390	ug/L	1069.051
	63	Cu	0.666672	1.357	2765.629	ug/L	321.674
	67	Zn	57.819656	15.105	32456.240	ug/L	21519.078
>	72	Ge			579388.238	ug/L	592936.498
	77	Se	42.049647	20.006	17523.393	ug/L	13366.987
	98	Mo	0.035518	9.582	253.339	ug/L	95.062
	109	Ag	0.004265	30.343	149.336	ug/L	120.002
>	115	In-2			965603.357	ug/L	994304.053
	114	Cd	0.020696	14.277	130.742	ug/L	53.748
	121	Sb	0.014434	35.214	402.676	ug/L	329.340
	137	Ba	1.927649	0.601	5552.801	ug/L	281.339
>	165	Ho-2			1260622.932	ug/L	1276105.159
	182	W	0.007476	53.051	495.014	ug/L	457.679
	183	W	0.012297	36.959	289.006	ug/L	253.338
	194	Pt	0.003015	23.173	89.335	ug/L	76.668
	195	Pt	0.003934	54.836	65.667	ug/L	48.001
	203	Tl	0.027762	42.345	982.044	ug/L	780.029
	206	Pb	0.595715	3.329	4650.470	ug/L	888.037
	207	Pb	0.602992	1.326	3929.913	ug/L	745.027
>	45	Sc			462609.842	ug/L	467697.114
	47	Ti	1.390479	7.067	1527.764	ug/L	647.355
	86	Sr	2.240787	2.126	5010.433	ug/L	151.307
	88	Sr	2.254879	2.238	43267.200	ug/L	1301.072
>	115	In			965603.357	ug/L	994304.053
	118	Sn	0.139755	6.657	1041.048	ug/L	357.341

L	120 Sn	0.144717	4.893	1443.391	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
⌈	Be	9		
|	B	10		
|	Na	23		
|	Mg	24		
|	Al	27		
|	K	39		
|	Ca	44		
|>	Sc-1	45	98.912	
|	V	51		
|	Cr	52		
|	Mn	55		
|	Fe	57		
|	Co	59		
|	Ni	60		
|	Cu	65		
L	Zn	66		
⌈>	Ge-1	72	97.715	
|	As	75		
L	Se	82		
⌈	Mo	97		
|	Ag	107		
|	Cd	111		
|>	In-1	115	97.113	
L	Sb	123		
⌈	Ba	135		
|>	Ho-1	165	98.787	
|	Tl	205		
|	Pb	208		
L	U	238		
⌈>	Sc-2	45	98.912	
|	Cr	53		
|	Fe	54		
|	Ni	61		
|	Cu	63		
L	Zn	67		
⌈>	Ge	72	97.715	
L	Se	77		
⌈	Mo	98		
|	Ag	109		
|>	In-2	115	97.113	
|	Cd	114		
L	Sb	121		
⌈	Ba	137		
|>	Ho-2	165	98.787	
|	W	182		
|	W	183		
|	Pt	194		
|	Pt	195		
|	Tl	203		
|	Pb	206		
L	Pb	207		
⌈>	Sc	45	98.912	
|	Ti	47		
|	Sr	86		
L	Sr	88		
⌈>	In	115	97.113	
|	Sn	118		
L	Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRH9
Sample Date/Time: Thursday, May 24, 2007 23:14:33
Autosampler Position: 100
Dataset File: D:\Elandata\Dataset\052407m1\JWRH9.145

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.002191	166.970	3.333	ug/L	3.000
	10	B	4.270750	8.931	238.671	ug/L	90.668
	23	Na	388.126849	0.304	1847149.546	ug/L	24909.622
	24	Mg	39.984777	1.570	133891.018	ug/L	6273.773
	27	Al	1.475283	3.702	21971.436	ug/L	15227.265
	39	K	66.126204	4.330	1159589.735	ug/L	707925.205
	44	Ca	255.957638	1.365	107454.348	ug/L	48369.900
>	45	Sc-1			467210.611	ug/L	467697.114
	51	V	-1.470701	16.990	-29155.742	ug/L	-17188.401
	52	Cr	1.715822	16.752	55229.502	ug/L	43700.177
	55	Mn	4.835657	1.947	53669.168	ug/L	3939.583
	57	Fe	2.244191	27.593	6971.838	ug/L	6563.304
	59	Co	0.122964	2.845	963.709	ug/L	70.668
	60	Ni	0.220961	9.642	554.016	ug/L	205.004
	65	Cu	0.378502	4.312	915.372	ug/L	201.670
	66	Zn	10.883593	1.957	15509.904	ug/L	3569.482
>	72	Ge-1			575031.098	ug/L	592936.498
	75	As	-0.862398	37.256	-1652.869	ug/L	-502.888
	82	Se	-0.067681	116.394	-78.346	ug/L	-70.642
	97	Mo	0.028279	11.452	119.002	ug/L	69.001
	107	Ag	0.001054	80.312	116.002	ug/L	109.002
	111	Cd	0.012530	42.993	57.001	ug/L	35.667
>	115	In-1			983248.137	ug/L	994304.053
	123	Sb	0.034916	12.108	390.496	ug/L	235.401
	135	Ba	0.708882	6.625	1354.078	ug/L	183.670
>	165	Ho-1			1283401.716	ug/L	1276105.159
	205	Tl	0.025598	72.337	2415.230	ug/L	1936.818
	208	Pb	0.139492	4.163	6992.080	ug/L	3500.871
	238	U	0.004458	41.355	107.001	ug/L	35.667
>	45	Sc-2			467210.611	ug/L	467697.114
	53	Cr	115.955595	17.851	394946.765	ug/L	319041.768
	54	Fe	74.123043	8.144	78683.522	ug/L	42890.999
	61	Ni	1.122175	38.539	1148.058	ug/L	1069.051
	63	Cu	0.396087	4.896	1790.130	ug/L	321.674
	67	Zn	37.901518	16.802	28882.486	ug/L	21519.078
>	72	Ge			575031.098	ug/L	592936.498
	77	Se	38.459374	7.959	17012.984	ug/L	13366.987
	98	Mo	0.026383	8.018	215.848	ug/L	95.062
	109	Ag	0.001232	144.652	128.335	ug/L	120.002
>	115	In-2			983248.137	ug/L	994304.053
	114	Cd	0.022799	20.569	141.340	ug/L	53.748
	121	Sb	0.029994	33.088	501.014	ug/L	329.340
	137	Ba	0.701898	1.345	2238.198	ug/L	281.339
>	165	Ho-2			1283401.716	ug/L	1276105.159
	182	W	-0.002950	302.225	442.678	ug/L	457.679
	183	W	-0.003310	245.940	244.005	ug/L	253.338
	194	Pt	0.000711	161.807	80.334	ug/L	76.668
	195	Pt	0.001439	69.566	55.001	ug/L	48.001
	203	Tl	0.026966	63.145	991.711	ug/L	780.029
	206	Pb	0.133529	4.268	1754.459	ug/L	888.037
	207	Pb	0.138317	5.372	1494.760	ug/L	745.027
>	45	Sc			467210.611	ug/L	467697.114
	47	Ti	0.094963	59.381	708.025	ug/L	647.355
	86	Sr	2.072960	2.832	4691.613	ug/L	151.307
	88	Sr	2.099331	1.374	40775.188	ug/L	1301.072
>	115	In			983248.137	ug/L	994304.053
	118	Sn	0.094810	7.299	832.366	ug/L	357.341

120 Sn	0.095734	8.595	1135.720	ug/L		488.632

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Be	9		
B	10		
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
Sc-1	45	99.896	
V	51		
Cr	52		
Mn	55		
Fe	57		
Co	59		
Ni	60		
Cu	65		
Zn	66		
Ge-1	72	96.980	
As	75		
Se	82		
Mo	97		
Ag	107		
Cd	111		
In-1	115	98.888	
Sb	123		
Ba	135		
Ho-1	165	100.572	
Tl	205		
Pb	208		
U	238		
Sc-2	45	99.896	
Cr	53		
Fe	54		
Ni	61		
Cu	63		
Zn	67		
Ge	72	96.980	
Se	77		
Mo	98		
Ag	109		
In-2	115	98.888	
Cd	114		
Sb	121		
Ba	137		
Ho-2	165	100.572	
W	182		
W	183		
Pt	194		
Pt	195		
Tl	203		
Pb	206		
Pb	207		
Sc	45	99.896	
Tl	47		
Sr	86		
Sr	88		
In	115	98.888	
Sn	118		
Sn	120		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 6
Sample Date/Time: Thursday, May 24, 2007 23:20:42
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 6.146

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	185.981676	0.778	27626.297	ug/L	3.000
	10	B	184.857490	3.243	6322.463	ug/L	90.668
	23	Na	1920.251024	2.733	8791665.534	ug/L	24909.622
	24	Mg	983.602419	2.732	3059081.534	ug/L	6273.773
	27	Al	1923.688511	1.956	8589911.517	ug/L	15227.265
	39	K	1849.393637	1.140	12995122.615	ug/L	707925.205
	44	Ca	1037.822788	1.927	280194.602	ug/L	48369.900
>	45	Sc-1			454446.868	ug/L	467697.114
	51	V	172.359759	1.952	1350263.007	ug/L	-17188.401
	52	Cr	187.223147	1.933	1271494.790	ug/L	43700.177
	55	Mn	184.432541	0.888	1848878.765	ug/L	3939.583
	57	Fe	2062.932990	1.375	378069.743	ug/L	6563.304
	59	Co	186.017179	2.307	1313929.918	ug/L	70.668
	60	Ni	181.789484	2.198	279679.720	ug/L	205.004
	65	Cu	181.194308	2.917	332597.119	ug/L	201.670
	66	Zn	180.874556	2.195	196521.499	ug/L	3569.482
>	72	Ge-1			545906.736	ug/L	592936.498
	75	As	195.172887	1.132	249733.663	ug/L	-502.888
	82	Se	194.814837	0.344	26866.648	ug/L	-70.642
	97	Mo	192.729254	2.392	331008.500	ug/L	69.001
	107	Ag	47.895771	1.372	357941.692	ug/L	109.002
	111	Cd	194.218577	1.014	322317.270	ug/L	35.667
>	115	In-1			940154.108	ug/L	994304.053
	123	Sb	190.713790	1.293	823675.574	ug/L	235.401
	135	Ba	184.826841	1.570	290233.858	ug/L	183.670
>	165	Ho-1			1220421.694	ug/L	1276105.159
	205	Tl	181.880698	0.942	3180902.409	ug/L	1936.818
	208	Pb	191.306201	2.100	4530616.531	ug/L	3500.871
	238	U	187.896167	1.097	2857234.365	ug/L	35.667
>	45	Sc-2			454446.868	ug/L	467697.114
	53	Cr	157.012404	9.551	410395.290	ug/L	319041.768
	54	Fe	2037.846655	2.083	999653.709	ug/L	42890.999
	61	Ni	184.006794	2.760	13833.166	ug/L	1069.051
	63	Cu	183.332784	1.465	661435.043	ug/L	321.674
	67	Zn	172.146422	2.576	53546.701	ug/L	21519.078
>	72	Ge			545906.736	ug/L	592936.498
	77	Se	193.965594	2.717	31684.831	ug/L	13366.987
	98	Mo	192.120038	1.903	848557.128	ug/L	95.062
	109	Ag	47.737031	2.986	358181.138	ug/L	120.002
>	115	In-2			940154.108	ug/L	994304.053
	114	Cd	193.557825	2.378	715644.246	ug/L	53.748
	121	Sb	193.111164	1.471	1080613.046	ug/L	329.340
	137	Ba	189.429682	0.778	502108.531	ug/L	281.339
>	165	Ho-2			1220421.694	ug/L	1276105.159
	182	W	188.621749	0.577	1043852.490	ug/L	457.679
	183	W	189.858645	0.724	577617.713	ug/L	253.338
	194	Pt	191.459708	0.721	835118.512	ug/L	76.668
	195	Pt	190.743686	0.976	852956.291	ug/L	48.001
	203	Tl	185.877274	1.244	1367104.545	ug/L	780.029
	206	Pb	198.507458	2.174	1217938.945	ug/L	888.037
	207	Pb	192.438236	2.708	987191.933	ug/L	745.027
>	45	Sc			454446.868	ug/L	467697.114
	47	Ti	192.059192	1.573	120986.031	ug/L	647.355
	86	Sr	188.742523	2.057	402218.550	ug/L	151.307
	88	Sr	182.866047	0.888	3345749.764	ug/L	1301.072
>	115	In			940154.108	ug/L	994304.053
	118	Sn	191.684386	0.663	926585.122	ug/L	357.341

L	120 Sn	191.248461	1.628	1246522.769	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
⌈	Be	9		92.991
|	B	10		92.429
|	Na	23		96.013
|	Mg	24		98.360
|	Al	27		96.184
|	K	39		92.470
|	Ca	44		103.782
|>	Sc-1	45	97.167	
|	V	51		86.180
|	Cr	52		93.612
|	Mn	55		92.216
|	Fe	57		103.147
|	Co	59		93.009
|	Ni	60		90.895
|	Cu	65		90.597
L	Zn	66		90.437
⌈>	Ge-1	72	92.068	
|	As	75		97.586
L	Se	82		97.407
⌈	Mo	97		96.365
|	Ag	107		95.792
|	Cd	111		97.109
|>	In-1	115	94.554	
L	Sb	123		95.357
⌈	Ba	135		92.413
|>	Ho-1	165	95.636	
|	Tl	205		90.940
|	Pb	208		95.653
L	U	238		93.948
⌈>	Sc-2	45	97.167	
|	Cr	53		78.506
|	Fe	54		101.892
|	Ni	61		92.003
|	Cu	63		91.666
L	Zn	67		86.073
⌈>	Ge	72	92.068	
L	Se	77		96.983
⌈	Mo	98		96.060
|	Ag	109		95.474
|>	In-2	115	94.554	
|	Cd	114		96.779
L	Sb	121		96.556
⌈	Ba	137		94.715
|>	Ho-2	165	95.636	
|	W	182		94.311
|	W	183		94.929
|	Pt	194		95.730
|	Pt	195		95.372
|	Tl	203		92.939
|	Pb	206		99.254
L	Pb	207		96.219
⌈>	Sc	45	97.167	
|	Ti	47		96.030
|	Sr	86		94.371
L	Sr	88		91.433
⌈>	In	115	94.554	
|	Sn	118		95.842
L	Sn	120		95.624

QC Out Of Limits

Analyte	Mass	Out of Limits Message
V	51	Q
Cr	53	Q
Zn	67	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 7
Sample Date/Time: Thursday, May 24, 2007 23:27:19
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052407m1\QC Std 7.147

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	9	Be	0.018962	91.786	5.667	ug/L	3.000
	10	B	3.329003	28.916	198.670	ug/L	90.668
	23	Na	-0.222653	19.008	22976.693	ug/L	24909.622
	24	Mg	-0.016863	95.852	5989.315	ug/L	6273.773
	27	Al	-0.586675	8.860	12069.551	ug/L	15227.265
	39	K	-0.947091	178.312	675352.664	ug/L	707925.205
	44	Ca	-26.541966	7.203	40661.191	ug/L	48369.900
>	45	Sc-1			450338.450	ug/L	467697.114
	51	V	0.965411	18.442	-8969.197	ug/L	-17188.401
	52	Cr	-1.197655	8.810	34282.098	ug/L	43700.177
	55	Mn	-0.138526	5.801	2419.562	ug/L	3939.583
	57	Fe	-3.336204	6.794	5723.725	ug/L	6563.304
	59	Co	0.006390	53.546	112.668	ug/L	70.668
	60	Ni	0.005711	245.456	206.004	ug/L	205.004
	65	Cu	0.002446	151.479	198.670	ug/L	201.670
	66	Zn	-0.635847	8.889	2764.295	ug/L	3569.482
>	72	Ge-1			556059.103	ug/L	592936.498
	75	As	0.438407	39.869	101.278	ug/L	-502.888
	82	Se	0.005270	3541.575	-65.431	ug/L	-70.642
	97	Mo	0.092852	27.176	226.671	ug/L	69.001
	107	Ag	0.006468	40.722	152.669	ug/L	109.002
	111	Cd	0.012741	38.256	55.334	ug/L	35.667
>	115	In-1			947551.952	ug/L	994304.053
	123	Sb	0.040157	30.975	399.296	ug/L	235.401
	135	Ba	-0.006962	74.774	164.669	ug/L	183.670
>	165	Ho-1			1221057.898	ug/L	1276105.159
	205	Tl	0.306241	36.980	7243.686	ug/L	1936.818
	208	Pb	-0.019879	2.466	2879.143	ug/L	3500.871
	238	U	0.009642	8.277	181.003	ug/L	35.667
>	45	Sc-2			450338.450	ug/L	467697.114
	53	Cr	-66.753401	13.544	264844.038	ug/L	319041.768
	54	Fe	-3.802089	135.523	39530.893	ug/L	42890.999
	61	Ni	-0.256094	12.160	1011.713	ug/L	1069.051
	63	Cu	-0.002812	167.840	299.673	ug/L	321.674
	67	Zn	-5.077005	16.080	19765.529	ug/L	21519.078
>	72	Ge			556059.103	ug/L	592936.498
	77	Se	-37.041442	10.709	8767.550	ug/L	13366.987
	98	Mo	0.092272	26.559	501.854	ug/L	95.062
	109	Ag	0.024041	24.051	296.339	ug/L	120.002
>	115	In-2			947551.952	ug/L	994304.053
	114	Cd	0.014963	4.758	106.984	ug/L	53.748
	121	Sb	0.033634	19.531	503.681	ug/L	329.340
	137	Ba	0.000219	5354.211	270.339	ug/L	281.339
>	165	Ho-2			1221057.898	ug/L	1276105.159
	182	W	0.246442	24.490	1807.803	ug/L	457.679
	183	W	0.233777	25.600	957.043	ug/L	253.338
	194	Pt	0.004712	26.946	94.001	ug/L	76.668
	195	Pt	0.008690	47.885	85.001	ug/L	48.001
	203	Tl	0.310324	36.140	3043.041	ug/L	780.029
	206	Pb	-0.018039	4.944	739.027	ug/L	888.037
	207	Pb	-0.019289	13.712	614.019	ug/L	745.027
>	45	Sc			450338.450	ug/L	467697.114
	47	Ti	-0.129196	22.112	543.016	ug/L	647.355
	86	Sr	-0.006111	299.221	132.656	ug/L	151.307
	88	Sr	0.001168	367.174	1274.070	ug/L	1301.072
>	115	In			947551.952	ug/L	994304.053
	118	Sn	0.032246	28.958	497.680	ug/L	357.341

120	Sn	0.033124	22.417	683.403	ug/L	488.632

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Be	9		1.896
	B	10		332.900
	Na	23		-0.223
	Mg	24		-0.017
	Al	27		-0.587
	K	39		-0.947
	Ca	44		-26.542
>	Sc-1	45	96.288	
	V	51		96.541
	Cr	52		-119.766
	Mn	55		-13.853
	Fe	57		-3.336
	Co	59		0.639
	Ni	60		0.571
	Cu	65		0.245
	Zn	66		-63.585
>	Ge-1	72	93.781	
	As	75		43.841
	Se	82		0.527
	Mo	97		9.285
	Ag	107		0.647
	Cd	111		1.274
>	In-1	115	95.298	
	Sb	123		4.016
	Ba	135		-0.696
>	Ho-1	165	95.686	
	Tl	205		30.624
	Pb	208		-1.988
	U	238		0.964
>	Sc-2	45	96.288	
	Cr	53		-6675.340
	Fe	54		-3.802
	Ni	61		-25.609
	Cu	63		-0.281
	Zn	67		-507.700
>	Ge	72	93.781	
	Se	77		-3704.144
	Mo	98		8.227
	Ag	109		2.404
>	In-2	115	95.298	
	Cd	114		1.496
	Sb	121		3.363
	Ba	137		0.022
>	Ho-2	165	95.686	
	W	182		24.644
	W	183		23.378
	Pt	194		0.471
	Pt	195		0.869
	Tl	203		31.032
	Pb	206		-1.804
	Pb	207		-1.929
>	Sc	45	96.288	
	Ti	47		-12.920
	Sr	86		-0.611
	Sr	88		0.117
>	In	115	95.298	
	Sn	118		3.225
	Sn	120		3.312

QC Out Of Limits

Analyte	Mass	Out of Limits Message
B	10	Q
Cr	52	Q
Cr	53	Q
Zn	67	Q
Se	77	Q

5/29/07

File: 052507m1

Sample/Batch Report

STL ST. LOUIS - PERKIN ELMER ELAN 6100 - METHOD 6020 / 200.8 QUANTITATIVE ANALYSIS REP

User Name: stlmetals
Computer Name: SLICP03
Sample File: d:\Elandata\Sample\SW846 TEMP.sam
Report Date/Time: Friday, May 25, 2007 17:29:51
Method File: d:\Elandata\Method\epa temp.mth
Tuning File: d:\Elandata\Tuning\EPA TUNING.tun
Optimization File: d:\Elandata\Optimize\EPA.dac
Calibration File:
Calibration Type: External Calibration
Number of Replicates: 3
Number of Readings: 1
Number of Sweeps: 10
Dual Detector Mode: Dual

Stl. ns 052107

A/S Loc.	Batch ID	Sample ID	Description	Aliquot Vol.	Diluted Vol.
24	7134307	JWXAHB			
25	7134307	JWXAHC			
26	7134307	JWPA2	10X		
27	7134307	JWPA2S	10X		
28	7134307	JWPA2D	10X		
29	7134307	JWPA2V	50X		
30	7134307	JWPA3	10X		
31	7134307	JWPA3S	10X		
32	7134307	JWPA3D	10X		
33	7134307	JWPA4	10X		
34	7134307	JWPA5	50X		
35	7134307	JWPA6	50X		
36	7134307	JWPA7	50X		
37	7134307	JWPA8	25X		
38	7134307	JWPA9	25X		
39	7134307	JWPCA	25X		
40	7134307	JWPCD	50X		
41	7134307	JWPCF	50X		
42	7134307	JWPCG	50X		
43	7134307	JWPCK	50X		
44	7134307	JWPCN	50X		
45	7134307	JWPCP			
46	7136319	JW3MAB			
47	7136319	JW3MAC			
48	7136319	JWN8W	50X		
49	7136319	JWN8WS	50X		
50	7136319	JWN8WD	50X		
51	7136319	JWN8WV	250X		
52	7136319	JWN9G	50X		
53	7136319	JWN9J	50X		
54	7136319	JWN9K	50X		
55	7136319	JWN9L	50X		
56	7136319	JWN9T	50X		
57	7135271	JW057B			
58	7135271	JW057C			
59	7135271	JW0G7	50X		
60	7135271	JW0G7S	50X		
61	7135271	JW0G7D	50X		
62	7135271	JW0G7V	250X		
63	7135271	JW0G9	50X		
64	7135271	JW0HA	100X		

Zn, Tl — 10X

ccv — 10X

Zn — 50X

ccv — 50X

Zn, V — 50X

Zn, V — 50X

ccv — 50X

Zn, V, Ba, Tl — 50X

ccv — 50X

65	7135271	JW0HC	100X
66	7135271	JW0HD	100X
67	7135271	JW0HE	25X
68	7135271	JW0HF	25X
69	7135271	JW0HJ	25X
70	7135271	JW0HK	100X
71	7135271	JW0HL	100X
72	7135271	JW0HN	100X
73	7135271	JW0HP	
74	7136320	[redacted]	
75	7136320	JW3MLC	
76	7136320	JWRGX	20X
77	7136320	JWRGXS	20X
78	7136320	JWRGXD	20X
79	7136320	JWRGXV	100X
80	7136320	JWRG3	20X
81	7136320	JWRG3S	20X
82	7136320	JWRG3D	20X
83	7136320	JWRG5	20X
84	7136320	JWRG7	100X
85	7136320	JWRG8	100X
86	7136320	JWRHC	100X
87	7136320	JWRHD	50X
88	7136320	JWRHH	50X
89	7136320	JWRHL	50X
90	7136320	JWRHR	50X
91	7136320	JWRHW	50X
92	7136320	JWRHX	50X
93	7136320	JWRH0	50X
94	7136320	JWRH1	50X
95	7136320	JWRH2	50X
96	7136320	JWRH3	50X
97	7136320	JWRH5	50X
98	7136320	JWRH6	50X
99	7136320	JWRH8	
100	7136320	[redacted]	
7		CCV	
1		CCB	
~~24~~	~~7130443~~	~~JWPAFB~~	
25	7130443	JWPAFC	
26	7130443	JWDGX	
27	7130443	JWDG9D	
28	7130443	JWDG9S	
29	7130443	JWDG9D	
30	7130443	JWDG9V	5X
31	7138068	JW733B	2X
32	7138068	JW733C	2X
33	7138068	JWAVN	2X
34	7138068	JWAVNS	2X
35	7138068	JWAVND	2X
36	7138068	JWAVNV	2X
37	7138068	JWAWK	2X
38	7138068	JWAWN	2X
39	7136295	JW3CFB	2X
40	7136295	JW3CFC	2X
41	7136295	JV32Q	2X
42	7136295	JV32QS	2X
43	7136295	JV32QD	2X
44	7136295	JV32QV	2X
~~45~~	~~7137249~~	~~JW567B~~	2X

Zn, V, Ba, TL

- CCV

V, Ba, TL, Zn

- CCV

V, Zn

- CCV

- Real CCV

- CCV

AH

- CCV

- CCV

46	7137249	JW567C	2X
47	7137249	JWAWQ	2X
48	7137249	JWAWQS	2X
49	7137249	JWAWQD	2X
50	7137249	JWAWQV	2X
51	7137249	JWAW6	2X
52	7137249	JWAXA	2X
53	7137249	JWAXL	2X
54	7137249	JWAXP	2X
55	7137249	JWAXR	2X
56	7137249	JWDHC	2X
57	7137249	JWDHK	2X
58	7137249	JWDHN	2X
59	7137249	JWDHV	2X
60	7137249	JWDHW	2X
61	7134292	JWW9XB	
62	7134292	JWW9XC	
63	7134292	JWN2H	
64	7134292	JWN2HS	
65	7134292	JWN2HD	
66	7134292	JWN2HV	5X
67	7134292	JWN99	
68	7134292	JWN99S	
69	7134292	JWN99D	
70	7130363	JWNM9B	
71	7130363	JWNM9C	
72	7130363	JWHE8	
73	7130363	JWHE8S	
74	7130363	JWHE8D	
75	7130363	JWHE8V	5X
76	7130363	JWKRF	
77	7130363	JWKRL	
78	7130363	JWKRT	
101	7138070	JW737B	2X
102	7138070	JW737C	5X
103	7138070	JW6G4	2X
104	7138070	JW6G4S	2X
105	7138070	JW6G4D	2X
106	7138070	JW6G4V	10X
107	7138070	JW6HD	2X
108	7138070	JW6HE	2X
109	7138070	JW6HF	2X
110	7138070	JW6HG	2X
111	7138070	JW6HJ	2X
112	7138070	JW6HK	2X
113	7138070	JW6HL	2X
114	7138070	JW6HM	2X
115	7138070	JW6HN	2X

Quantitative Analysis Calibration Report

File Name: 052507M1.cal
File Path: D:\Elandata\System
Calibration Type: External Calibration

Analyte	Mass	Curve Type	Slope	Intercept	Corr. Coeff.
Na	22.990	Linear Thru Zero	0.009461	0.00	0.999998
Mg	23.985	Linear Thru Zero	0.007189	0.00	0.999989
Al	26.982	Linear Thru Zero	0.010326	0.00	1.000000
K	38.964	Linear Thru Zero	0.014775	0.00	0.999999
Ca	43.956	Linear Thru Zero	0.000515	0.00	0.999878
Sc-1	44.956	Linear Thru Zero	0.000000	0.00	0.000000
V	50.944	Linear Thru Zero	0.017903	0.00	0.999997
Fe	56.935	Linear Thru Zero	0.000410	0.00	0.999757
Zn	65.926	Linear Thru Zero	0.002395	0.00	0.999976
Ge-1	71.922	Linear Thru Zero	0.000000	0.00	0.000000
As	74.922	Linear Thru Zero	0.002480	0.00	0.999999
Ba	134.906	Linear Thru Zero	0.001351	0.00	0.999992
Ho-1	164.930	Linear Thru Zero	0.000000	0.00	0.000000
Tl	204.975	Linear Thru Zero	0.014698	0.00	0.999950
Pb	207.977	Linear Thru Zero	0.020207	0.00	0.999916
U	238.050	Linear Thru Zero	0.011444	0.00	0.999780
Sc-2	44.956	Linear Thru Zero	0.000000	0.00	0.000000
Fe	53.940	Linear Thru Zero	0.001058	0.00	0.999811
Zn	66.927	Linear Thru Zero	0.000430	0.00	0.999994
Ba	136.905	Linear Thru Zero	0.002333	0.00	0.999992
Ho-2	164.930	Linear Thru Zero	0.000000	0.00	0.000000
Tl	202.972	Linear Thru Zero	0.006384	0.00	0.999975
Pb	205.975	Linear Thru Zero	0.005258	0.00	0.999979
Pb	206.976	Linear Thru Zero	0.004460	0.00	0.999981

Quantitative Analysis Calibration Report

File Name: 052507M1A.cal
File Path: D:\Elandata\System
Calibration Type: External Calibration

Analyte	Mass	Curve Type	Slope	Intercept	Corr. Coeff.
Na	22.990	Linear Thru Zero	0.009782	0.00	0.999997
Mg	23.985	Linear Thru Zero	0.007260	0.00	0.999991
Al	26.982	Linear Thru Zero	0.010078	0.00	0.999997
K	38.964	Linear Thru Zero	0.014268	0.00	0.999985
Ca	43.956	Linear Thru Zero	0.000516	0.00	0.999844
Sc-1	44.956	Linear Thru Zero	0.000000	0.00	0.000000
V	50.944	Linear Thru Zero	0.017075	0.00	0.999929
Fe	56.935	Linear Thru Zero	0.000409	0.00	0.999900
Zn	65.926	Linear Thru Zero	0.002361	0.00	0.999944
Ge-1	71.922	Linear Thru Zero	0.000000	0.00	0.000000
As	74.922	Linear Thru Zero	0.002464	0.00	0.999999
Ba	134.906	Linear Thru Zero	0.001286	0.00	0.999984
Ho-1	164.930	Linear Thru Zero	0.000000	0.00	0.000000
Tl	204.975	Linear Thru Zero	0.014225	0.00	0.999843
Pb	207.977	Linear Thru Zero	0.019892	0.00	0.999823
U	238.050	Linear Thru Zero	0.011463	0.00	0.999443
Sc-2	44.956	Linear Thru Zero	0.000000	0.00	0.000000
Fe	53.940	Linear Thru Zero	0.001010	0.00	0.999781
Zn	66.927	Linear Thru Zero	0.000418	0.00	0.999995
Ba	136.905	Linear Thru Zero	0.002231	0.00	0.999978
Ho-2	164.930	Linear Thru Zero	0.000000	0.00	0.000000
Tl	202.972	Linear Thru Zero	0.006280	0.00	0.999979
Pb	205.975	Linear Thru Zero	0.005225	0.00	0.999925
Pb	206.976	Linear Thru Zero	0.004398	0.00	0.999947

Instrument Tuning Report

File Name: EPA TUNING.tun
File Path: d:\Elandata\Tuning
Sample ID: Sample
Sample Date/Time: Friday, May 25, 2007 10:25:05

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas. Pk. Width	Custom Res.
He	3.016	3.025	603	2081	0.624	
Mg	23.985	23.979	5682	2074	0.606	
Rh	102.905	102.878	24911	2051	0.696	
Ce	139.905	139.879	33936	2105	0.633	
Pb	207.977	207.978	50420	2289	0.640	

Replicates: 6

Meas. Intens. RSD	Mass
0.780	2.000
1.534	3.000
17.994	4.000
23.658	5.000
22.615	22.000
2.797	23.000
1.122	24.000
1.405	25.000
1.348	26.000
20.008	102.000
0.979	103.000
19.265	104.000
4.752	139.000
0.437	140.000
9.454	141.000
1.236	206.000
0.592	207.000
0.841	208.000
23.485	209.000

Report Date/Time: Friday, May 25, 2007 10:31:33
Page 1

Daily Performance Report

Sample ID: DAILY CHECK
Sample Date/Time: Friday, May 25, 2007 10:37:44
Sample Description:
Method File: d:\Elandata\Method\DAILY EPA.mth
Dataset File: d:\Elandata\Dataset\DAILY PEFORMANCE EPA\DAILY CHECK.702
Tuning File: d:\Elandata\Tuning\EPA TUNING.tun
Optimization File: d:\Elandata\Optimize\EPA.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 35
Current Dead Time (ns): 35

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	56350.9	56350.867	214.209	0.4
	Rh	102.9	276021.7	276021.664	1257.179	0.5
	Pb	208.0	224579.6	224579.570	890.001	0.4
⌈>	Ba	137.9	296105.5	296105.501	1730.759	0.6
⌊	Ba++	69.0	4875.1	0.016	0.000	2.0
⌈>	Ce	139.9	350017.7	350017.709	2012.665	0.6
⌊	CeO	155.9	8697.5	0.025	0.000	1.1
	Bkgd	220.0	6.0	6.000	0.919	15.3

Current Optimization File Data

Current Value	Description
0.86	Nebulizer Gas Flow
6.00	Lens Voltage
1150.00	ICP RF Power
-2187.50	Analog Stage Voltage
1200.00	Pulse Stage Voltage
70.00	Discriminator Threshold
-13.00	AC Rod Offset
60.00	Service DAC 1
0.00	Quadrupole Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	25	7.3	2548.2
Mg	24	25	7.3	69191.2
Co	59	25	8.3	132010.1
Rh	103	25	9.5	316182.7
In	115	25	9.8	371107.4
Ba	138	25	9.8	305646.1
Ce	140	25	9.8	359578.1
Pb	208	25	10.0	186299.9

QUANTITATIVE ANALYSIS REPORT

Sample ID: Blank
Sample Date/Time: Friday, May 25, 2007 10:59:06
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052507M1\Blank.001

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na			14340.338	ug/L	
	24	Mg			4546.769	ug/L	
	27	Al			7803.209	ug/L	
	39	K			787820.143	ug/L	
	44	Ca			72922.037	ug/L	
>	45	Sc-1			480857.849	ug/L	
	51	V			-3998.332	ug/L	
	57	Fe			6512.532	ug/L	
	66	Zn			1229.399	ug/L	
>	72	Ge-1			583818.267	ug/L	
	75	As			441.860	ug/L	
	135	Ba			109.668	ug/L	
>	165	Ho-1			1276414.382	ug/L	
	205	Tl			6961.439	ug/L	
	208	Pb			6900.385	ug/L	
	238	U			47.334	ug/L	
>	45	Sc-2			480857.849	ug/L	
	54	Fe			37101.824	ug/L	
	67	Zn			20205.161	ug/L	
	137	Ba			196.003	ug/L	
>	165	Ho-2			1276414.382	ug/L	
	203	Tl			2942.667	ug/L	
	206	Pb			1714.787	ug/L	
	207	Pb			1555.100	ug/L	

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45		
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72		
	As	75		
	Ba	135		
>	Ho-1	165		
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45		
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165		
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: Standard 1
Sample Date/Time: Friday, May 25, 2007 11:02:58
Autosampler Position: 2
Dataset File: D:\Elandata\Dataset\052507M1\Standard 1.002

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na			27100.955	ug/L	14340.338
	24	Mg			6862.717	ug/L	4546.769
	27	Al			15627.369	ug/L	7803.209
	39	K			790073.326	ug/L	787820.143
	44	Ca			75385.804	ug/L	72922.037
>	45	Sc-1			483962.446	ug/L	480857.849
	51	V	20.000000	0.767	170210.027	ug/L	-3998.332
	57	Fe			7366.000	ug/L	6512.532
	66	Zn	20.000000	2.277	25352.399	ug/L	1229.399
>	72	Ge-1			587595.771	ug/L	583818.267
	75	As	20.000000	1.428	29601.173	ug/L	441.860
	135	Ba	20.000000	1.105	35598.992	ug/L	109.668
>	165	Ho-1			1291583.267	ug/L	1276414.382
	205	Tl	20.000000	2.104	396029.117	ug/L	6961.439
	208	Pb	20.000000	1.513	556713.418	ug/L	6900.385
	238	U	20.000000	1.090	318355.379	ug/L	47.334
>	45	Sc-2			483962.446	ug/L	480857.849
	54	Fe			41252.573	ug/L	37101.824
	67	Zn	20.000000	21.132	24364.677	ug/L	20205.161
	137	Ba	20.000000	1.265	61401.304	ug/L	196.003
>	165	Ho-2			1291583.267	ug/L	1276414.382
	203	Tl	20.000000	1.730	165068.715	ug/L	2942.667
	206	Pb	20.000000	3.819	141695.956	ug/L	1714.787
	207	Pb	20.000000	0.623	118580.643	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45		
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72		
	As	75		
	Ba	135		
>	Ho-1	165		
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45		
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165		
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: Standard 2
Sample Date/Time: Friday, May 25, 2007 11:06:51
Autosampler Position: 3
Dataset File: D:\Elandata\Dataset\052507M1\Standard 2.003

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na			27101.622	ug/L	14340.338
	24	Mg			6405.500	ug/L	4546.769
	27	Al			10113.347	ug/L	7803.209
	39	K			781496.226	ug/L	787820.143
	44	Ca			75538.630	ug/L	72922.037
>	45	Sc-1			482509.053	ug/L	480857.849
	51	V	50.029851	1.451	432225.450	ug/L	-3998.332
	57	Fe			6487.260	ug/L	6512.532
	66	Zn	49.877638	1.305	60293.905	ug/L	1229.399
>	72	Ge-1			586604.799	ug/L	583818.267
	75	As	49.957416	0.987	72763.997	ug/L	441.860
	135	Ba	49.977995	0.076	87397.405	ug/L	109.668
>	165	Ho-1			1274719.116	ug/L	1276414.382
	205	Tl	50.095559	2.080	979966.530	ug/L	6961.439
	208	Pb	49.960811	0.817	1355761.312	ug/L	6900.385
	238	U	50.007659	0.566	786356.285	ug/L	47.334
>	45	Sc-2			482509.053	ug/L	480857.849
	54	Fe			39718.696	ug/L	37101.824
	67	Zn	50.159056	8.722	30564.640	ug/L	20205.161
	137	Ba	49.993131	1.512	151051.267	ug/L	196.003
>	165	Ho-2			1274719.116	ug/L	1276414.382
	203	Tl	50.302394	2.525	420994.029	ug/L	2942.667
	206	Pb	49.944711	1.539	344396.090	ug/L	1714.787
	207	Pb	50.055020	0.693	292590.446	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45		
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72		
	As	75		
	Ba	135		
>	Ho-1	165		
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45		
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165		
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: Standard 3
Sample Date/Time: Friday, May 25, 2007 11:10:45
Autosampler Position: 4
Dataset File: D:\Elandata\Dataset\052507M1\Standard 3.004

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	500.000000	1.290	2365871.059	ug/L	14340.338
	24	Mg	250.000000	0.961	913418.804	ug/L	4546.769
	27	Al	500.000000	1.064	2512018.832	ug/L	7803.209
	39	K	500.000000	2.475	4330787.030	ug/L	787820.143
	44	Ca	250.000000	1.192	151303.200	ug/L	72922.037
>	45	Sc-1			485013.766	ug/L	480857.849
	51	V	199.865395	2.174	1731306.453	ug/L	-3998.332
	57	Fe	500.000000	1.162	114932.858	ug/L	6512.532
	66	Zn	199.640800	2.233	233115.176	ug/L	1229.399
>	72	Ge-1			581471.806	ug/L	583818.267
	75	As	200.068361	1.476	288897.184	ug/L	441.860
	135	Ba	199.791841	0.725	346568.904	ug/L	109.668
>	165	Ho-1			1283876.426	ug/L	1276414.382
	205	Tl	199.466606	2.631	3770312.499	ug/L	6961.439
	208	Pb	199.302062	0.638	5177406.035	ug/L	6900.385
	238	U	198.870362	0.839	2921922.601	ug/L	47.334
>	45	Sc-2			485013.766	ug/L	480857.849
	54	Fe	500.000000	0.973	325452.183	ug/L	37101.824
	67	Zn	200.142595	0.881	62089.591	ug/L	20205.161
	137	Ba	199.786788	1.380	598582.963	ug/L	196.003
>	165	Ho-2			1283876.426	ug/L	1276414.382
	203	Tl	199.689038	1.584	1639435.432	ug/L	2942.667
	206	Pb	199.656955	1.166	1349539.984	ug/L	1714.787
	207	Pb	199.669565	1.157	1144701.164	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45		
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72		
	As	75		
	Ba	135		
>	Ho-1	165		
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45		
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165		
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: Standard 4
Sample Date/Time: Friday, May 25, 2007 11:14:40
Autosampler Position: 5
Dataset File: D:\Elandata\Dataset\052507M1\Standard 4.005

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	1997.894054	1.378	9271080.257	ug/L	14340.338
	24	Mg	998.730397	1.960	3569200.265	ug/L	4546.769
	27	Al	2000.187725	1.345	10058382.176	ug/L	7803.209
	39	K	2000.991187	1.244	15086214.046	ug/L	787820.143
	44	Ca	989.177066	1.074	336366.670	ug/L	72922.037
>	45	Sc-1			485840.828	ug/L	480857.849
	51	V	-0.158436	109.378	-5414.209	ug/L	-3998.332
	57	Fe	2001.765133	0.878	447399.569	ug/L	6512.532
	66	Zn	0.520521	6.332	1847.805	ug/L	1229.399
>	72	Ge-1			581088.983	ug/L	583818.267
	75	As	0.076388	369.243	550.549	ug/L	441.860
	135	Ba	0.122744	2.513	322.340	ug/L	109.668
>	165	Ho-1			1280579.185	ug/L	1276414.382
	205	Tl	0.462933	54.286	15703.646	ug/L	6961.439
	208	Pb	0.005025	244.677	7053.410	ug/L	6900.385
	238	U	0.006060	36.036	136.335	ug/L	47.334
>	45	Sc-2			485840.828	ug/L	480857.849
	54	Fe	1996.703579	0.777	1160013.365	ug/L	37101.824
	67	Zn	0.818379	308.907	20584.698	ug/L	20205.161
	137	Ba	0.116819	5.714	545.683	ug/L	196.003
>	165	Ho-2			1280579.185	ug/L	1276414.382
	203	Tl	0.444895	52.256	6591.672	ug/L	2942.667
	206	Pb	0.011824	116.148	1800.132	ug/L	1714.787
	207	Pb	0.004815	253.750	1587.771	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45		
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72		
	As	75		
	Ba	135		
>	Ho-1	165		
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45		
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165		
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: Standard 5
Sample Date/Time: Friday, May 25, 2007 11:18:36
Autosampler Position: 6
Dataset File: D:\Elandata\Dataset\052507M1\Standard 5.006

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	9996.631744	0.959	45620704.935	ug/L	14340.338
	24	Mg	4995.362847	2.833	17318160.384	ug/L	4546.769
	27	Al	9999.320334	2.565	49786316.075	ug/L	7803.209
	39	K	10002.177700	2.183	72039485.190	ug/L	787820.143
	44	Ca	4987.011878	0.217	1311967.565	ug/L	72922.037
>	45	Sc-1			482242.519	ug/L	480857.849
	51	V	-0.443557	99.132	-7805.114	ug/L	-3998.332
	57	Fe	9954.607162	1.516	1972196.283	ug/L	6512.532
	66	Zn	1.013916	1.981	2404.226	ug/L	1229.399
>	72	Ge-1			576413.093	ug/L	583818.267
	75	As	-0.110046	151.577	278.067	ug/L	441.860
	135	Ba	0.111913	11.529	306.006	ug/L	109.668
>	165	Ho-1			1291733.598	ug/L	1276414.382
	205	Tl	-0.045132	88.591	6197.424	ug/L	6961.439
	208	Pb	0.017396	31.338	7436.163	ug/L	6900.385
	238	U	0.004228	12.916	110.335	ug/L	47.334
>	45	Sc-2			482242.519	ug/L	480857.849
	54	Fe	9960.016159	1.335	5116611.775	ug/L	37101.824
	67	Zn	6.664515	10.920	21645.942	ug/L	20205.161
	137	Ba	0.116995	2.101	551.016	ug/L	196.003
>	165	Ho-2			1291733.598	ug/L	1276414.382
	203	Tl	-0.042362	83.596	2632.272	ug/L	2942.667
	206	Pb	0.019186	60.125	1864.807	ug/L	1714.787
	207	Pb	0.013150	63.357	1649.445	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45		
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72		
	As	75		
	Ba	135		
>	Ho-1	165		
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45		
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165		
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 1
Sample Date/Time: Friday, May 25, 2007 11:25:33
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 1.007

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	2030.632649	1.574	9195683.118	ug/L	14340.338
	24	Mg	1042.684240	0.925	3587002.505	ug/L	4546.769
	27	Al	2017.784534	1.299	9965175.311	ug/L	7803.209
	39	K	2037.315266	1.424	15167946.910	ug/L	787820.143
	44	Ca	1131.506767	0.768	351037.921	ug/L	72922.037
>	45	Sc-1			477932.259	ug/L	480857.849
	51	V	202.517187	0.788	1728842.979	ug/L	-3998.332
	57	Fe	2225.564184	2.030	442026.615	ug/L	6512.532
	66	Zn	202.009895	1.401	232426.867	ug/L	1229.399
>	72	Ge-1			571146.491	ug/L	583818.267
	75	As	204.428844	0.755	289938.115	ug/L	441.860
	135	Ba	200.898031	0.685	347267.605	ug/L	109.668
>	165	Ho-1			1279353.188	ug/L	1276414.382
	205	Tl	194.710994	1.626	3668007.470	ug/L	6961.439
	208	Pb	201.110716	0.424	5206078.157	ug/L	6900.385
	238	U	207.826233	1.325	3042642.307	ug/L	47.334
>	45	Sc-2			477932.259	ug/L	480857.849
	54	Fe	2197.021078	1.975	1147287.683	ug/L	37101.824
	67	Zn	195.418939	2.528	60207.209	ug/L	20205.161
	137	Ba	200.012715	1.335	597161.243	ug/L	196.003
>	165	Ho-2			1279353.188	ug/L	1276414.382
	203	Tl	194.134266	1.069	1588461.681	ug/L	2942.667
	206	Pb	204.988794	0.575	1380703.280	ug/L	1714.787
	207	Pb	198.456983	1.114	1133825.994	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		101.532
	Mg	24		104.268
	Al	27		100.689
	K	39		101.866
	Ca	44		113.151
>	Sc-1	45	99.392	
	V	51		101.259
	Fe	57		111.278
	Zn	66		101.005
>	Ge-1	72	97.829	
	As	75		102.214
	Ba	135		100.449
>	Ho-1	165	100.230	
	Tl	205		97.355
	Pb	208		100.555
	U	238		103.913
>	Sc-2	45	99.392	
	Fe	54		109.851
	Zn	67		97.709
	Ba	137		100.006
>	Ho-2	165	100.230	
	Tl	203		97.067
	Pb	206		102.494
	Pb	207		99.228

QC Out Of Limits

Analyte	Mass	Out of Limits Message
Ca	44	Q
Fe	57	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 2
Sample Date/Time: Friday, May 25, 2007 11:30:28
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 2.008

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	-0.034344	130.740	14029.360	ug/L	14340.338
	24	Mg	0.016071	76.452	4552.104	ug/L	4546.769
	27	Al	-0.022129	49.298	7609.436	ug/L	7803.209
	39	K	-1.292607	112.457	770131.539	ug/L	787820.143
	44	Ca	-28.911723	7.722	65043.729	ug/L	72922.037
>	45	Sc-1			475616.185	ug/L	480857.849
	51	V	-0.254986	215.040	-6139.365	ug/L	-3998.332
	57	Fe	-1.267630	25.204	6194.754	ug/L	6512.532
	66	Zn	-0.080428	5.440	1124.389	ug/L	1229.399
>	72	Ge-1			570503.535	ug/L	583818.267
	75	As	-0.195724	45.451	154.852	ug/L	441.860
	135	Ba	0.004627	71.611	116.668	ug/L	109.668
>	165	Ho-1			1266222.757	ug/L	1276414.382
	205	Tl	0.110862	67.828	8959.271	ug/L	6961.439
	208	Pb	-0.049389	13.893	5580.146	ug/L	6900.385
	238	U	0.000521	298.169	54.334	ug/L	47.334
>	45	Sc-2			475616.185	ug/L	480857.849
	54	Fe	2.067525	250.933	37739.099	ug/L	37101.824
	67	Zn	-1.333150	184.909	19712.795	ug/L	20205.161
	137	Ba	-0.000360	2763.163	193.337	ug/L	196.003
>	165	Ho-2			1266222.757	ug/L	1276414.382
	203	Tl	0.094204	92.033	3675.520	ug/L	2942.667
	206	Pb	-0.046363	18.070	1392.082	ug/L	1714.787
	207	Pb	-0.049187	23.767	1264.402	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		-0.034
	Mg	24		0.016
	Al	27		-0.022
	K	39		-1.293
	Ca	44		-28.912
>	Sc-1	45	98.910	
	V	51		-25.499
	Fe	57		-1.268
	Zn	66		-8.043
>	Ge-1	72	97.719	
	As	75		-19.572
	Ba	135		0.463
>	Ho-1	165	99.202	
	Tl	205		11.086
	Pb	208		-4.939
	U	238		0.052
>	Sc-2	45	98.910	
	Fe	54		2.068
	Zn	67		-133.315
	Ba	137		-0.036
>	Ho-2	165	99.202	
	Tl	203		9.420
	Pb	206		-4.636
	Pb	207		-4.919

QC Out Of Limits

Analyte	Mass	Out of Limits Message
Zn	67	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 3
Sample Date/Time: Friday, May 25, 2007 11:35:21
Autosampler Position: 160
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 3.009

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	4885.238054	0.831	22635472.414	ug/L	14340.338
	24	Mg	4911.427280	1.506	17285750.466	ug/L	4546.769
	27	Al	205.921032	1.002	1048560.973	ug/L	7803.209
	39	K	4948.385144	2.521	36584819.937	ug/L	787820.143
	44	Ca	5006.682649	0.379	1336425.302	ug/L	72922.037
>	45	Sc-1			489403.819	ug/L	480857.849
	51	V	49.424538	0.546	428989.352	ug/L	-3998.332
	57	Fe	97.629811	1.089	26195.345	ug/L	6512.532
	66	Zn	19.673176	0.603	24310.913	ug/L	1229.399
>	72	Ge-1			584128.178	ug/L	583818.267
	75	As	10.612928	1.908	15813.831	ug/L	441.860
	135	Ba	195.850965	0.834	343205.784	ug/L	109.668
>	165	Ho-1			1296995.489	ug/L	1276414.382
	205	Tl	9.891083	2.133	195647.629	ug/L	6961.439
	208	Pb	3.118307	2.206	88730.085	ug/L	6900.365
	238	U	21.938866	0.795	325662.417	ug/L	47.334
>	45	Sc-2			489403.819	ug/L	480857.849
	54	Fe	126.862885	5.940	103421.156	ug/L	37101.824
	67	Zn	19.040262	18.486	24566.694	ug/L	20205.161
	137	Ba	194.585130	0.283	589009.384	ug/L	196.003
>	165	Ho-2			1296995.489	ug/L	1276414.382
	203	Tl	9.508216	2.993	81725.795	ug/L	2942.667
	206	Pb	3.154020	3.398	23248.808	ug/L	1714.787
	207	Pb	2.968620	1.762	18749.150	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		97.705
	Mg	24		98.229
	Al	27		102.961
	K	39		98.968
	Ca	44		100.134
>	Sc-1	45	101.777	
	V	51		98.849
	Fe	57		97.630
	Zn	66		98.366
>	Ge-1	72	100.053	
	As	75		106.129
	Ba	135		97.925
>	Ho-1	165	101.612	
	Tl	205		98.911
	Pb	208		103.944
	U	238		109.694
>	Sc-2	45	101.777	
	Fe	54		126.863
	Zn	67		95.201
	Ba	137		97.293
>	Ho-2	165	101.612	
	Tl	203		95.082
	Pb	206		105.134
	Pb	207		98.954

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 4
Sample Date/Time: Friday, May 25, 2007 11:40:15
Autosampler Position: 158
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 4.010

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	1.433108	7.709	20386.408	ug/L	14340.338
	24	Mg	51542.157592	4.315	174114644.983	ug/L	4546.769
	27	Al	51234.338874	3.122	248601172.530	ug/L	7803.209
	39	K	-0.609638	155.577	765774.104	ug/L	787820.143
	44	Ca	49586.582561	2.308	12075101.973	ug/L	72922.037
>	45	Sc-1			470005.725	ug/L	480857.849
	51	V	-0.680141	26.970	-9620.937	ug/L	-3998.332
	57	Fe	20474.480447	2.403	3946756.847	ug/L	6512.532
	66	Zn	0.893023	5.306	2206.859	ug/L	1229.399
>	72	Ge-1			567972.885	ug/L	583818.267
	75	As	-0.175583	408.405	179.612	ug/L	441.860
	135	Ba	0.070529	12.609	233.671	ug/L	109.668
>	165	Ho-1			1289557.600	ug/L	1276414.382
	205	Tl	-0.118711	20.596	4783.187	ug/L	6961.439
	208	Pb	-0.023177	18.120	6367.281	ug/L	6900.385
	238	U	0.000192	291.873	50.667	ug/L	47.334
>	45	Sc-2			470005.725	ug/L	480857.849
	54	Fe	19994.347602	1.722	9974571.174	ug/L	37101.824
	67	Zn	1.284423	201.573	20012.220	ug/L	20205.161
	137	Ba	0.060373	9.887	379.676	ug/L	196.003
>	165	Ho-2			1289557.600	ug/L	1276414.382
	203	Tl	-0.114122	22.633	2033.499	ug/L	2942.667
	206	Pb	-0.016271	19.136	1622.108	ug/L	1714.787
	207	Pb	-0.027607	24.296	1412.417	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		1.433
	Mg	24		103.084
	Al	27		102.469
	K	39		-0.610
	Ca	44		99.173
>	Sc-1	45	97.743	
	V	51		-68.014
	Fe	57		102.372
	Zn	66		89.302
>	Ge-1	72	97.286	
	As	75		-17.558
	Ba	135		7.053
>	Ho-1	165	101.030	
	Tl	205		-11.871
	Pb	208		-2.318
	U	238		0.019
>	Sc-2	45	97.743	
	Fe	54		99.972
	Zn	67		128.442
	Ba	137		6.037
>	Ho-2	165	101.030	
	Tl	203		-11.412
	Pb	206		-1.627
	Pb	207		-2.761

QC Out Of Limits

Analyte	Mass	Out of Limits Message
Zn	67	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 5
Sample Date/Time: Friday, May 25, 2007 11:45:09
Autosampler Position: 159
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 5.011

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	2068.936822	2.027	9156639.145	ug/L	14340.338
	24	Mg	52420.180014	1.498	176026559.895	ug/L	4546.769
	27	Al	52038.211794	1.876	250979496.731	ug/L	7803.209
	39	K	2041.686392	2.964	14854343.215	ug/L	787820.143
	44	Ca	50834.141439	1.376	12301106.111	ug/L	72922.037
>	45	Sc-1			467063.752	ug/L	480857.849
	51	V	47.712165	1.323	395093.774	ug/L	-3998.332
	57	Fe	20942.426834	0.818	4012113.257	ug/L	6512.532
	66	Zn	92.955648	1.761	105173.176	ug/L	1229.399
>	72	Ge-1			564023.875	ug/L	583818.267
	75	As	96.619794	1.560	135555.197	ug/L	441.860
	135	Ba	47.269961	1.335	81740.673	ug/L	109.668
>	165	Ho-1			1278587.824	ug/L	1276414.382
	205	Tl	93.318539	0.945	1760678.760	ug/L	6961.439
	208	Pb	98.354815	0.900	2547993.677	ug/L	6900.385
	238	U	105.025532	0.881	1536683.514	ug/L	47.334
>	45	Sc-2			467063.752	ug/L	480857.849
	54	Fe	20084.417699	0.967	9957536.833	ug/L	37101.824
	67	Zn	86.879530	2.548	37061.050	ug/L	20205.161
	137	Ba	47.806157	2.077	142786.876	ug/L	196.003
>	165	Ho-2			1278587.824	ug/L	1276414.382
	203	Tl	92.991620	1.726	761968.318	ug/L	2942.667
	206	Pb	96.934667	0.988	653421.967	ug/L	1714.787
	207	Pb	98.266431	0.936	561876.403	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		103.447
	Mg	24		104.840
	Al	27		104.076
	K	39		102.084
	Ca	44		101.668
>	Sc-1	45	97.131	
	V	51		95.424
	Fe	57		104.712
	Zn	66		92.956
>	Ge-1	72	96.609	
	As	75		96.620
	Ba	135		94.540
>	Ho-1	165	100.170	
	Tl	205		93.319
	Pb	208		98.355
	U	238		105.026
>	Sc-2	45	97.131	
	Fe	54		100.422
	Zn	67		86.880
	Ba	137		95.612
>	Ho-2	165	100.170	
	Tl	203		92.992
	Pb	206		96.935
	Pb	207		98.266

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 6
Sample Date/Time: Friday, May 25, 2007 11:52:04
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 6.012

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	2005.135841	1.780	9284476.567	ug/L	14340.338
	24	Mg	1031.226456	2.027	3627239.450	ug/L	4546.769
	27	Al	2005.752844	1.539	10127880.717	ug/L	7803.209
	39	K	2015.918436	1.313	15354374.284	ug/L	787820.143
	44	Ca	1094.130846	0.668	349501.829	ug/L	72922.037
>	45	Sc-1			488629.518	ug/L	480857.849
	51	V	200.970884	0.855	1754042.631	ug/L	-3998.332
	57	Fe	2147.383496	0.803	436332.844	ug/L	6512.532
	66	Zn	199.184429	0.613	234347.221	ug/L	1229.399
>	72	Ge-1			584212.349	ug/L	583818.267
	75	As	201.766556	1.316	292732.597	ug/L	441.860
	135	Ba	195.802678	1.260	348807.493	ug/L	109.668
>	165	Ho-1			1318546.654	ug/L	1276414.382
	205	Tl	190.840642	2.070	3705964.839	ug/L	6961.439
	208	Pb	198.847933	0.607	5305080.549	ug/L	6900.385
	238	U	202.953974	0.906	3062229.072	ug/L	47.334
>	45	Sc-2			488629.518	ug/L	480857.849
	54	Fe	2130.681992	0.756	1138850.952	ug/L	37101.824
	67	Zn	189.777776	1.483	60378.268	ug/L	20205.161
	137	Ba	194.589910	0.542	598781.265	ug/L	196.003
>	165	Ho-2			1318546.654	ug/L	1276414.382
	203	Tl	189.936623	0.529	1601690.290	ug/L	2942.667
	206	Pb	203.615694	0.473	1413502.808	ug/L	1714.787
	207	Pb	195.508269	1.421	1151103.147	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		100.257
	Mg	24		103.123
	Al	27		100.288
	K	39		100.796
	Ca	44		109.413
>	Sc-1	45	101.616	
	V	51		100.485
	Fe	57		107.369
	Zn	66		99.592
>	Ge-1	72	100.068	
	As	75		100.883
	Ba	135		97.901
>	Ho-1	165	103.301	
	Tl	205		95.420
	Pb	208		99.424
	U	238		101.477
>	Sc-2	45	101.616	
	Fe	54		106.534
	Zn	67		94.889
	Ba	137		97.295
>	Ho-2	165	103.301	
	Tl	203		94.968
	Pb	206		101.808
	Pb	207		97.754

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 7
Sample Date/Time: Friday, May 25, 2007 11:56:58
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 7.013

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	-0.185149	11.890	13324.678	ug/L	14340.338
	24	Mg	0.047743	88.379	4651.137	ug/L	4546.769
	27	Al	0.022675	84.163	7813.881	ug/L	7803.209
	39	K	-7.207552	6.159	727180.835	ug/L	787820.143
	44	Ca	-29.292007	0.328	64824.060	ug/L	72922.037
>	45	Sc-1			474691.287	ug/L	480857.849
	51	V	0.288703	115.202	-1481.784	ug/L	-3998.332
	57	Fe	-2.442699	35.660	5953.466	ug/L	6512.532
	66	Zn	-0.063141	41.559	1141.724	ug/L	1229.399
>	72	Ge-1			572658.976	ug/L	583818.267
	75	As	-0.097298	56.532	295.171	ug/L	441.860
	135	Ba	0.007396	56.077	123.335	ug/L	109.668
>	165	Ho-1			1286211.368	ug/L	1276414.382
	205	Tl	0.100798	75.360	8927.597	ug/L	6961.439
	208	Pb	-0.076283	2.790	4970.383	ug/L	6900.385
	238	U	0.001693	47.900	72.668	ug/L	47.334
>	45	Sc-2			474691.287	ug/L	480857.849
	54	Fe	1.763696	300.132	37499.886	ug/L	37101.824
	67	Zn	-0.317310	583.752	19879.689	ug/L	20205.161
	137	Ba	-0.005511	45.523	181.003	ug/L	196.003
>	165	Ho-2			1286211.368	ug/L	1276414.382
	203	Tl	0.099444	83.609	3785.218	ug/L	2942.667
	206	Pb	-0.070438	6.304	1251.401	ug/L	1714.787
	207	Pb	-0.074766	8.398	1138.057	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		-0.185
	Mg	24		0.048
	Al	27		0.023
	K	39		-7.208
	Ca	44		-29.292
>	Sc-1	45	98.718	
	V	51		28.870
	Fe	57		-2.443
	Zn	66		-6.314
>	Ge-1	72	98.089	
	As	75		-9.730
	Ba	135		0.740
>	Ho-1	165	100.768	
	Tl	205		10.080
	Pb	208		-7.628
	U	238		0.169
>	Sc-2	45	98.718	
	Fe	54		1.764
	Zn	67		-31.731
	Ba	137		-0.551
>	Ho-2	165	100.768	
	Tl	203		9.944
	Pb	206		-7.044
	Pb	207		-7.477

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWXAHB

Sample Date/Time: Friday, May 25, 2007 12:01:50
Autosampler Position: 24
Dataset File: D:\Elandata\Dataset\052507M1\JWXAHB.014

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	4.188839	3.068	33706.726	ug/L	14340.338
	24	Mg	-0.140030	9.744	4100.963	ug/L	4546.769
	27	Al	1.412145	6.146	14949.636	ug/L	7803.209
	39	K	-8.390371	12.723	734955.411	ug/L	787820.143
	44	Ca	-25.550645	10.808	67210.406	ug/L	72922.037
>	45	Sc-1			485357.695	ug/L	480857.849
	51	V	-1.760948	28.570	-19306.429	ug/L	-3998.332
	57	Fe	0.246135	96.501	6622.152	ug/L	6512.532
	66	Zn	0.786402	4.409	2154.851	ug/L	1229.399
>	72	Ge-1			578371.569	ug/L	583818.267
	75	As	-0.336039	76.503	-44.572	ug/L	441.860
	135	Ba	0.083303	5.465	258.005	ug/L	109.668
>	165	Ho-1			1300188.882	ug/L	1276414.382
	205	Tl	0.003812	1578.714	7161.563	ug/L	6961.439
	208	Pb	0.093215	9.119	9478.319	ug/L	6900.385
	238	U	0.000412	80.816	54.334	ug/L	47.334
>	45	Sc-2			485357.695	ug/L	480857.849
	54	Fe	77.460473	8.722	77181.962	ug/L	37101.824
	67	Zn	38.571067	3.025	28440.575	ug/L	20205.161
	137	Ba	0.077574	7.458	435.011	ug/L	196.003
>	165	Ho-2			1300188.882	ug/L	1276414.382
	203	Tl	-0.002154	2684.999	2978.679	ug/L	2942.667
	206	Pb	0.091823	10.912	2374.555	ug/L	1714.787
	207	Pb	0.092482	10.402	2120.179	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	100.936	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	99.067	
	As	75		
	Ba	135		
>	Ho-1	165	101.863	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	100.936	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.863	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWXAHC
Sample Date/Time: Friday, May 25, 2007 12:06:10
Autosampler Position: 25
Dataset File: D:\Elandata\Dataset\052507M1\JWXAHC.015

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	10316.516019	2.930	49227092.884	ug/L	14340.338
	24	Mg	10130.839199	3.416	36724865.229	ug/L	4546.769
	27	Al	497.114474	3.836	2596030.120	ug/L	7803.209
	39	K	9867.556840	1.982	74334739.606	ug/L	787820.143
	44	Ca	9939.733884	2.678	2658032.924	ug/L	72922.037
>	45	Sc-1			504272.043	ug/L	480857.849
	51	V	478.039489	3.542	4310750.701	ug/L	-3998.332
	57	Fe	497.122138	1.040	109486.608	ug/L	6512.532
	66	Zn	430.088192	1.282	520676.857	ug/L	1229.399
>	72	Ge-1			582325.466	ug/L	583818.267
	75	As	491.453773	0.605	710058.752	ug/L	441.860
	135	Ba	466.124942	1.426	830510.031	ug/L	109.668
>	165	Ho-1			1319062.214	ug/L	1276414.382
	205	Tl	492.176255	0.971	9548893.028	ug/L	6961.439
	208	Pb	493.397817	1.513	13158318.134	ug/L	6900.385
	238	U	1055.816939	2.193	15936330.813	ug/L	47.334
>	45	Sc-2			504272.043	ug/L	480857.849
	54	Fe	602.668133	0.417	360351.509	ug/L	37101.824
	67	Zn	461.247481	1.499	121125.887	ug/L	20205.161
	137	Ba	463.982523	0.914	1427990.821	ug/L	196.003
>	165	Ho-2			1319062.214	ug/L	1276414.382
	203	Tl	470.135928	1.679	3961886.355	ug/L	2942.667
	206	Pb	484.598035	2.570	3362435.214	ug/L	1714.787
	207	Pb	489.625657	1.801	2881922.261	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	104.889	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	99.744	
	As	75		
	Ba	135		
>	Ho-1	165	103.341	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	104.869	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	103.341	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA2
Sample Date/Time: Friday, May 25, 2007 12:10:32
Autosampler Position: 26
Dataset File: D:\Elandata\Dataset\052507M1\JWPA2.016

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	32019.103090	1.482	149620148.350	ug/L	14340.338
	24	Mg	6345.212393	1.557	22533631.343	ug/L	4546.769
	27	Al	13.278981	1.847	75724.935	ug/L	7803.209
	39	K	726.668223	2.461	6110788.102	ug/L	787820.143
	44	Ca	14826.152490	1.301	3846496.582	ug/L	72922.037
>	45	Sc-1			493877.045	ug/L	480857.849
	51	V	18.696314	2.842	161176.055	ug/L	-3998.332
	57	Fe	-25.113139	8.907	1612.250	ug/L	6512.532
	66	Zn	2.701236	2.723	4457.740	ug/L	1229.399
>	72	Ge-1			584268.445	ug/L	583818.267
	75	As	9.469956	3.058	14160.071	ug/L	441.860
	135	Ba	2.854755	1.188	5120.302	ug/L	109.668
>	165	Ho-1			1298843.882	ug/L	1276414.382
	205	Tl	0.429265	50.528	15286.400	ug/L	6961.439
	208	Pb	-0.003164	377.949	6937.725	ug/L	6900.385
	238	U	2.966073	1.430	44134.523	ug/L	47.334
>	45	Sc-2			493877.045	ug/L	480857.849
	54	Fe	19.720878	37.543	48381.411	ug/L	37101.824
	67	Zn	5.979865	59.112	22016.178	ug/L	20205.161
	137	Ba	2.864870	0.292	8880.849	ug/L	196.003
>	165	Ho-2			1298843.882	ug/L	1276414.382
	203	Tl	0.414557	48.936	6434.580	ug/L	2942.667
	206	Pb	0.002452	276.768	1761.460	ug/L	1714.787
	207	Pb	-0.006929	89.681	1542.099	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	102.707	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	100.077	
	As	75		
	Ba	135		
>	Ho-1	165	101.757	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	102.707	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.757	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA2S
Sample Date/Time: Friday, May 25, 2007 12:14:54
Autosampler Position: 27
Dataset File: D:\Elandata\Dataset\052507M1\JWPA2S.017

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	34370.729409	1.420	161333417.259	ug/L	14340.338
	24	Mg	8850.340194	1.623	31568549.127	ug/L	4546.769
	27	Al	120.533943	1.374	625464.063	ug/L	7803.209
	39	K	3368.056067	0.497	25499032.313	ug/L	787820.143
	44	Ca	17173.580236	1.480	4463842.518	ug/L	72922.037
>	45	Sc-1			496085.803	ug/L	480857.849
	51	V	43.471486	2.264	381967.467	ug/L	-3998.332
	57	Fe	20.777413	5.675	10939.732	ug/L	6512.532
	66	Zn	27.125865	1.842	33495.897	ug/L	1229.399
>	72	Ge-1			580996.855	ug/L	583818.267
	75	As	119.319533	2.253	172329.538	ug/L	441.860
	135	Ba	104.856398	0.772	183964.398	ug/L	109.668
>	165	Ho-1			1298010.553	ug/L	1276414.382
	205	Tl	100.609411	0.564	1926406.737	ug/L	6961.439
	208	Pb	26.949193	0.907	713933.629	ug/L	6900.385
	238	U	111.652387	1.096	1658397.165	ug/L	47.334
>	45	Sc-2			496085.803	ug/L	480857.849
	54	Fe	73.233549	7.967	76703.068	ug/L	37101.824
	67	Zn	31.529396	3.975	27565.847	ug/L	20205.161
	137	Ba	104.336057	0.300	316153.753	ug/L	196.003
>	165	Ho-2			1298010.553	ug/L	1276414.382
	203	Tl	101.325110	1.060	842502.621	ug/L	2942.667
	206	Pb	26.463121	1.250	182380.047	ug/L	1714.787
	207	Pb	26.558715	1.367	155312.025	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	103.167	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	99.517	
	As	75		
	Ba	135		
>	Ho-1	165	101.692	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	103.167	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.692	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA2D

Sample Date/Time: Friday, May 25, 2007 12:19:16
Autosampler Position: 28
Dataset File: D:\Elandata\Dataset\052507M1\JWPA2D.018

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	35710.618865	0.465	163599879.168	ug/L	14340.338
	24	Mg	9037.419143	1.174	31462109.884	ug/L	4546.769
	27	Al	121.300222	0.694	614290.684	ug/L	7803.209
	39	K	3478.235080	1.387	25675081.239	ug/L	787820.143
	44	Ca	17400.566129	1.101	4413100.788	ug/L	72922.037
>	45	Sc-1			484162.736	ug/L	480857.849
	51	V	44.588574	0.816	382482.343	ug/L	-3998.332
	57	Fe	20.720045	6.441	10666.123	ug/L	6512.532
	66	Zn	27.601740	2.161	33246.324	ug/L	1229.399
>	72	Ge-1			574624.914	ug/L	583818.267
	75	As	120.224725	1.606	171739.456	ug/L	441.860
	135	Ba	105.502392	0.748	184635.378	ug/L	109.668
>	165	Ho-1			1294940.025	ug/L	1276414.382
	205	Tl	101.788276	2.197	1943988.256	ug/L	6961.439
	208	Pb	27.032163	2.026	714291.958	ug/L	6900.385
	238	U	112.127770	0.707	1661568.298	ug/L	47.334
>	45	Sc-2			484162.736	ug/L	480857.849
	54	Fe	75.859061	8.522	76213.704	ug/L	37101.824
	67	Zn	34.149535	6.610	27450.632	ug/L	20205.161
	137	Ba	105.634645	1.575	319288.476	ug/L	196.003
>	165	Ho-2			1294940.025	ug/L	1276414.382
	203	Tl	101.854375	2.862	844719.042	ug/L	2942.667
	206	Pb	26.622143	3.183	182986.519	ug/L	1714.787
	207	Pb	26.507223	2.407	154632.452	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	100.687	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	98.425	
	As	75		
	Ba	135		
>	Ho-1	165	101.451	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	100.687	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.451	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA2V
Sample Date/Time: Friday, May 25, 2007 12:23:39
Autosampler Position: 29
Dataset File: D:\Elandata\Dataset\052507M1\JWPA2V.019

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	6817.139950	3.331	30845803.546	ug/L	14340.338
	24	Mg	1324.028518	4.077	4554781.924	ug/L	4546.769
	27	Al	3.152853	3.897	23318.928	ug/L	7803.209
	39	K	141.121340	1.904	1779747.425	ug/L	787820.143
	44	Ca	3081.837531	5.362	831413.036	ug/L	72922.037
>	45	Sc-1			477976.449	ug/L	480857.849
	51	V	3.138640	11.767	22881.751	ug/L	-3998.332
	57	Fe	-5.905469	7.848	5317.473	ug/L	6512.532
	66	Zn	2.879586	0.087	4518.426	ug/L	1229.399
>	72	Ge-1			572751.893	ug/L	583818.267
	75	As	1.632358	11.850	2752.045	ug/L	441.860
	135	Ba	0.579654	3.045	1129.056	ug/L	109.668
>	165	Ho-1			1299217.693	ug/L	1276414.382
	205	Tl	0.104888	80.652	9101.726	ug/L	6961.439
	208	Pb	-0.053981	2.669	5606.146	ug/L	6900.385
	238	U	0.621974	4.894	9299.126	ug/L	47.334
>	45	Sc-2			477976.449	ug/L	480857.849
	54	Fe	9.271626	53.569	41575.649	ug/L	37101.824
	67	Zn	1.740553	147.179	20442.829	ug/L	20205.161
	137	Ba	0.564154	2.098	1909.813	ug/L	196.003
>	165	Ho-2			1299217.693	ug/L	1276414.382
	203	Tl	0.098733	88.035	3819.896	ug/L	2942.667
	206	Pb	-0.048912	6.043	1411.417	ug/L	1714.787
	207	Pb	-0.051235	12.155	1285.737	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.401	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	98.104	
	As	75		
	Ba	135		
>	Ho-1	165	101.787	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.401	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.787	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA3
Sample Date/Time: Friday, May 25, 2007 12:28:02
Autosampler Position: 30
Dataset File: D:\Elandata\Dataset\052507M1\JWPA3.020

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	33829.877116	1.169	151624905.954	ug/L	14340.338
	24	Mg	6473.382642	0.479	22048667.540	ug/L	4546.769
	27	Al	0.788341	6.722	11541.777	ug/L	7803.209
	39	K	740.874666	0.841	5960914.871	ug/L	787820.143
	44	Ca	14653.277937	1.183	3647274.303	ug/L	72922.037
>	45	Sc-1			473662.201	ug/L	480857.849
	51	V	18.336671	3.183	151572.680	ug/L	-3998.332
	57	Fe	-32.235616	9.209	163.974	ug/L	6512.532
	66	Zn	2.577113	4.399	4134.974	ug/L	1229.399
>	72	Ge-1			572001.473	ug/L	583818.267
	75	As	8.992582	5.819	13188.903	ug/L	441.860
	135	Ba	2.583072	0.981	4673.811	ug/L	109.668
>	165	Ho-1			1307360.637	ug/L	1276414.382
	205	Tl	-0.095254	34.656	5299.045	ug/L	6961.439
	208	Pb	-0.052666	8.211	5676.165	ug/L	6900.385
	238	U	2.842641	1.025	42577.452	ug/L	47.334
>	45	Sc-2			473662.201	ug/L	480857.849
	54	Fe	13.467340	45.542	43284.600	ug/L	37101.824
	67	Zn	5.578707	43.901	21036.692	ug/L	20205.161
	137	Ba	2.607402	0.688	8153.741	ug/L	196.003
>	165	Ho-2			1307360.637	ug/L	1276414.382
	203	Tl	-0.092527	36.175	2241.533	ug/L	2942.667
	206	Pb	-0.049291	14.599	1417.418	ug/L	1714.787
	207	Pb	-0.058663	13.215	1250.734	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.504	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.976	
	As	75		
	Ba	135		
>	Ho-1	165	102.424	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.504	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	102.424	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA3S
Sample Date/Time: Friday, May 25, 2007 12:32:26
Autosampler Position: 31
Dataset File: D:\Elandata\Dataset\052507M1\JWPA3S.021

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	37564.531382	1.346	170643727.505	ug/L	14340.338
	24	Mg	9616.477228	0.592	33197734.798	ug/L	4546.769
	27	Al	115.521536	2.070	580477.891	ug/L	7803.209
	39	K	3573.648766	1.181	26135455.798	ug/L	787820.143
	44	Ca	18239.786832	0.847	4583812.276	ug/L	72922.037
>	45	Sc-1			480108.839	ug/L	480857.849
	51	V	45.341044	0.975	385725.111	ug/L	-3998.332
	57	Fe	19.849566	16.756	10407.277	ug/L	6512.532
	66	Zn	29.025727	0.798	34602.872	ug/L	1229.399
>	72	Ge-1			569767.367	ug/L	583818.267
	75	As	124.582710	0.108	176444.967	ug/L	441.860
	135	Ba	110.004884	1.174	190637.924	ug/L	109.668
>	165	Ho-1			1282323.035	ug/L	1276414.382
	205	Tl	106.434613	1.945	2012817.073	ug/L	6961.439
	208	Pb	28.364133	1.386	741885.967	ug/L	6900.385
	238	U	119.068687	1.250	1747455.443	ug/L	47.334
>	45	Sc-2			480108.839	ug/L	480857.849
	54	Fe	73.991580	10.089	74608.836	ug/L	37101.824
	67	Zn	34.667255	7.897	27324.385	ug/L	20205.161
	137	Ba	108.930810	1.688	326091.861	ug/L	196.003
>	165	Ho-2			1282323.035	ug/L	1276414.382
	203	Tl	105.438716	3.350	865826.751	ug/L	2942.667
	206	Pb	27.826343	1.545	189347.383	ug/L	1714.787
	207	Pb	27.907996	1.670	161155.394	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.844	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.593	
	As	75		
	Ba	135		
>	Ho-1	165	100.463	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.844	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	100.463	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA3D
Sample Date/Time: Friday, May 25, 2007 12:36:50
Autosampler Position: 32
Dataset File: D:\Elandata\Dataset\052507M1\JWPA3D.022

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	36179.405516	0.834	167406804.456	ug/L	14340.338
	24	Mg	9049.711434	0.874	31822672.821	ug/L	4546.769
	27	Al	108.731258	1.133	556944.797	ug/L	7803.209
	39	K	3389.229359	1.415	25288567.808	ug/L	787820.143
	44	Ca	17204.147636	1.339	4408175.819	ug/L	72922.037
>	45	Sc-1			489022.082	ug/L	480857.849
	51	V	43.298440	2.475	375022.842	ug/L	-3998.332
	57	Fe	20.170180	6.220	10662.339	ug/L	6512.532
	66	Zn	27.565818	1.226	33535.323	ug/L	1229.399
>	72	Ge-1			569817.419	ug/L	583818.267
	75	As	119.436163	1.933	169178.873	ug/L	441.860
	135	Ba	104.807979	1.091	182856.542	ug/L	109.668
>	165	Ho-1			1290827.937	ug/L	1276414.382
	205	Tl	101.505808	0.585	1932754.205	ug/L	6961.439
	208	Pb	27.098051	0.725	713838.863	ug/L	6900.385
	238	U	114.634864	0.642	1693361.100	ug/L	47.334
>	45	Sc-2			489022.082	ug/L	480857.849
	54	Fe	66.458171	11.527	72095.931	ug/L	37101.824
	67	Zn	31.974986	5.875	27265.602	ug/L	20205.161
	137	Ba	104.976407	0.890	316345.864	ug/L	196.003
>	165	Ho-2			1290827.937	ug/L	1276414.382
	203	Tl	102.151964	1.143	844666.419	ug/L	2942.667
	206	Pb	26.473710	0.235	181425.268	ug/L	1714.787
	207	Pb	26.405988	1.547	153593.437	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	101.698	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.602	
	As	75		
	Ba	135		
>	Ho-1	165	101.129	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	101.698	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.129	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA4

Sample Date/Time: Friday, May 25, 2007 12:41:15

Autosampler Position: 33

Dataset File: D:\Elandata\Dataset\052507M1\JWPA4.023

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	34741.506723	2.072	158266037.548	ug/L	14340.338
	24	Mg	6472.377222	1.895	22409452.225	ug/L	4546.769
	27	Al	2.766062	2.805	21562.813	ug/L	7803.209
	39	K	739.167860	0.082	6046846.271	ug/L	787820.143
	44	Ca	14612.361676	0.458	3697026.882	ug/L	72922.037
>	45	Sc-1			481455.398	ug/L	480857.849
	51	V	17.857921	2.982	149922.949	ug/L	-3998.332
	57	Fe	-33.049654	4.123	5.572	ug/L	6512.532
	66	Zn	2.572460	2.883	4197.659	ug/L	1229.399
>	72	Ge-1			562664.239	ug/L	583818.267
	75	As	8.484474	7.156	12266.536	ug/L	441.860
	135	Ba	2.680104	1.048	4792.185	ug/L	109.668
>	165	Ho-1			1293134.001	ug/L	1276414.382
	205	Tl	0.082430	128.177	8611.770	ug/L	6961.439
	208	Pb	-0.054883	3.007	5556.476	ug/L	6900.385
	238	U	2.978961	2.849	44126.174	ug/L	47.334
>	45	Sc-2			481455.398	ug/L	480857.849
	54	Fe	13.738205	57.430	44118.159	ug/L	37101.824
	67	Zn	5.996143	49.176	21467.002	ug/L	20205.161
	137	Ba	2.695582	1.281	8330.512	ug/L	196.003
>	165	Ho-2			1293134.001	ug/L	1276414.382
	203	Tl	0.071475	148.848	3567.832	ug/L	2942.667
	206	Pb	-0.051836	10.211	1384.748	ug/L	1714.787
	207	Pb	-0.056644	7.092	1248.734	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	100.124	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.377	
	As	75		
	Ba	135		
>	Ho-1	165	101.310	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	100.124	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.310	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 6
Sample Date/Time: Friday, May 25, 2007 12:45:41
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 6.024

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	2151.730792	0.947	9574506.514	ug/L	14340.338
	24	Mg	1067.972943	0.920	3610182.145	ug/L	4546.769
	27	Al	2036.785761	0.506	9883452.798	ug/L	7803.209
	39	K	2023.929983	0.531	14812200.676	ug/L	787820.143
	44	Ca	1104.489880	1.651	338419.342	ug/L	72922.037
>	45	Sc-1			469590.863	ug/L	480857.849
	51	V	199.555164	1.042	1673784.373	ug/L	-3998.332
	57	Fe	2158.666802	1.501	421455.044	ug/L	6512.532
	66	Zn	198.840450	1.705	224810.171	ug/L	1229.399
>	72	Ge-1			562922.783	ug/L	583818.267
	75	As	198.654185	2.129	277711.837	ug/L	441.860
	135	Ba	191.790969	1.377	334639.398	ug/L	109.668
>	165	Ho-1			1291482.070	ug/L	1276414.382
	205	Tl	195.379267	0.650	3715895.176	ug/L	6961.439
	208	Pb	202.936124	1.037	5302661.285	ug/L	6900.385
	238	U	213.325185	1.252	3152525.935	ug/L	47.334
>	45	Sc-2			469590.863	ug/L	480857.849
	54	Fe	2113.517448	1.776	1085884.049	ug/L	37101.824
	67	Zn	193.771902	2.500	58824.452	ug/L	20205.161
	137	Ba	192.804236	1.729	581038.475	ug/L	196.003
>	165	Ho-2			1291482.070	ug/L	1276414.382
	203	Tl	192.855137	0.800	1592841.945	ug/L	2942.667
	206	Pb	207.467555	1.962	1410416.154	ug/L	1714.787
	207	Pb	200.093371	1.801	1153812.206	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		107.587
	Mg	24		106.797
	Al	27		101.839
	K	39		101.196
	Ca	44		110.449
>	Sc-1	45	97.657	
	V	51		99.778
	Fe	57		107.933
	Zn	66		99.420
>	Ge-1	72	96.421	
	As	75		99.327
	Ba	135		95.895
>	Ho-1	165	101.180	
	Tl	205		97.690
	Pb	208		101.468
	U	238		106.663
>	Sc-2	45	97.657	
	Fe	54		105.676
	Zn	67		96.886
	Ba	137		96.402
>	Ho-2	165	101.180	
	Tl	203		96.428
	Pb	206		103.734
	Pb	207		100.047

QC Out Of Limits

Analyte	Mass	Out of Limits Message
Ca	44	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 7
Sample Date/Time: Friday, May 25, 2007 12:50:35
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 7.025

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	0.769911	7.241	17029.652	ug/L	14340.338
	24	Mg	0.142998	22.560	4810.191	ug/L	4546.769
	27	Al	0.037223	87.211	7622.109	ug/L	7803.209
	39	K	-5.243765	35.723	716212.419	ug/L	787820.143
	44	Ca	-29.524373	12.248	62606.178	ug/L	72922.037
>	45	Sc-1			458894.348	ug/L	480857.849
	51	V	-0.548096	52.198	-8329.977	ug/L	-3998.332
	57	Fe	0.019615	4213.303	6217.818	ug/L	6512.532
	66	Zn	-0.072224	91.103	1093.386	ug/L	1229.399
>	72	Ge-1			547733.958	ug/L	583818.267
	75	As	0.038342	1440.138	464.455	ug/L	441.860
	135	Ba	0.003009	89.381	113.002	ug/L	109.668
>	165	Ho-1			1255959.236	ug/L	1276414.382
	205	Tl	0.135681	67.743	9344.542	ug/L	6961.439
	208	Pb	-0.099114	2.869	4273.959	ug/L	6900.385
	238	U	0.002398	44.146	81.001	ug/L	47.334
>	45	Sc-2			458894.348	ug/L	480857.849
	54	Fe	4.272222	148.841	37478.931	ug/L	37101.824
	67	Zn	2.150783	70.128	19705.781	ug/L	20205.161
	137	Ba	-0.003783	151.002	181.670	ug/L	196.003
>	165	Ho-2			1255959.236	ug/L	1276414.382
	203	Tl	0.132191	68.843	3950.597	ug/L	2942.667
	206	Pb	-0.092226	5.829	1078.051	ug/L	1714.787
	207	Pb	-0.105617	1.842	938.707	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		0.770
	Mg	24		0.143
	Al	27		0.037
	K	39		-5.244
	Ca	44		-29.524
>	Sc-1	45	95.432	
	V	51		-54.810
	Fe	57		0.020
	Zn	66		-7.222
>	Ge-1	72	93.819	
	As	75		3.834
	Ba	135		0.301
>	Ho-1	165	98.397	
	Tl	205		13.568
	Pb	208		-9.911
	U	238		0.240
>	Sc-2	45	95.432	
	Fe	54		4.272
	Zn	67		215.078
	Ba	137		-0.378
>	Ho-2	165	98.397	
	Tl	203		13.219
	Pb	206		-9.223
	Pb	207		-10.562

QC Out Of Limits

Analyte	Mass	Out of Limits Message
Zn	67	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA5
Sample Date/Time: Friday, May 25, 2007 12:55:29
Autosampler Position: 34
Dataset File: D:\Elandata\Dataset\052507M1\JWPA5.026

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	36716.796698	4.813	165202741.063	ug/L	14340.338
	24	Mg	8788.455892	3.154	30045802.700	ug/L	4546.769
	27	Al	52.107408	4.129	263560.438	ug/L	7803.209
	39	K	727.735326	3.753	5891082.682	ug/L	787820.143
	44	Ca	16155.915584	3.588	4029248.269	ug/L	72922.037
>	45	Sc-1			475463.380	ug/L	480857.849
	51	V	-5.229004	21.334	-48529.638	ug/L	-3998.332
	57	Fe	-2.892357	49.688	5877.936	ug/L	6512.532
	66	Zn	3.107167	2.879	4753.172	ug/L	1229.399
>	72	Ge-1			564868.067	ug/L	583818.267
	75	As	2.756522	18.622	4288.668	ug/L	441.860
	135	Ba	1.529356	7.522	2789.301	ug/L	109.668
>	165	Ho-1			1296970.786	ug/L	1276414.382
	205	Tl	-0.065457	75.618	5820.929	ug/L	6961.439
	208	Pb	-0.061050	9.659	5410.454	ug/L	6900.385
	238	U	0.485287	6.583	7247.915	ug/L	47.334
>	45	Sc-2			475463.380	ug/L	480857.849
	54	Fe	53.414583	18.042	63580.978	ug/L	37101.824
	67	Zn	2.944893	40.631	20581.693	ug/L	20205.161
	137	Ba	1.544510	4.501	4871.213	ug/L	196.003
>	165	Ho-2			1296970.786	ug/L	1276414.382
	203	Tl	-0.076483	58.965	2354.887	ug/L	2942.667
	206	Pb	-0.058821	13.637	1340.743	ug/L	1714.787
	207	Pb	-0.062821	7.908	1216.397	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.878	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.754	
	As	75		
	Ba	135		
>	Ho-1	165	101.610	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.878	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.610	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA6
Sample Date/Time: Friday, May 25, 2007 12:59:54
Autosampler Position: 35
Dataset File: D:\Elandata\Dataset\052507M1\JWPA6.027

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	34213.394473	4.300	150382067.079	ug/L	14340.338
	24	Mg	8321.499524	3.324	27797495.430	ug/L	4546.769
	27	Al	0.762779	3.684	11200.835	ug/L	7803.209
	39	K	712.583453	2.147	5653036.076	ug/L	787820.143
	44	Ca	15582.595478	2.570	3799844.447	ug/L	72922.037
>	45	Sc-1			464708.943	ug/L	480857.849
	51	V	-5.903649	15.001	-52916.286	ug/L	-3998.332
	57	Fe	-32.538720	5.783	104.049	ug/L	6512.532
	66	Zn	2.835843	2.154	4343.704	ug/L	1229.399
>	72	Ge-1			552285.688	ug/L	583818.267
	75	As	1.298460	55.904	2194.668	ug/L	441.860
	135	Ba	0.954379	4.756	1736.123	ug/L	109.668
>	165	Ho-1			1263153.459	ug/L	1276414.382
	205	Tl	-0.154709	16.649	4015.276	ug/L	6961.439
	208	Pb	-0.089895	3.881	4533.323	ug/L	6900.385
	238	U	0.456147	2.294	6639.276	ug/L	47.334
>	45	Sc-2			464708.943	ug/L	480857.849
	54	Fe	21.795540	32.254	46546.161	ug/L	37101.824
	67	Zn	1.118229	208.144	19745.836	ug/L	20205.161
	137	Ba	0.968350	3.468	3046.689	ug/L	196.003
>	165	Ho-2			1263153.459	ug/L	1276414.382
	203	Tl	-0.151739	17.566	1687.117	ug/L	2942.667
	206	Pb	-0.079357	3.805	1169.726	ug/L	1714.787
	207	Pb	-0.093554	7.033	1011.713	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	96.642	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	94.599	
	As	75		
	Ba	135		
>	Ho-1	165	98.961	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	96.642	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	98.961	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA7
Sample Date/Time: Friday, May 25, 2007 13:04:21
Autosampler Position: 36
Dataset File: D:\Elandata\Dataset\052507M1\JWPA7.028

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	35550.066463	2.166	157566106.819	ug/L	14340.338
	24	Mg	8577.888154	2.155	28891380.405	ug/L	4546.769
	27	Al	4.088980	3.180	27378.160	ug/L	7803.209
	39	K	730.236057	2.006	5821221.538	ug/L	787820.143
	44	Ca	16151.652207	1.827	3968336.581	ug/L	72922.037
>	45	Sc-1			468408.530	ug/L	480857.849
	51	V	-5.582310	26.943	-50687.744	ug/L	-3998.332
	57	Fe	-31.167933	10.486	363.071	ug/L	6512.532
	66	Zn	2.912156	1.287	4464.409	ug/L	1229.399
>	72	Ge-1			558757.361	ug/L	583818.267
	75	As	1.567620	14.655	2593.796	ug/L	441.860
	135	Ba	1.063596	0.949	1953.820	ug/L	109.668
>	165	Ho-1			1283200.237	ug/L	1276414.382
	205	Tl	-0.188825	9.907	3439.118	ug/L	6961.439
	208	Pb	-0.093871	3.819	4503.320	ug/L	6900.385
	238	U	0.471816	1.503	6976.440	ug/L	47.334
>	45	Sc-2			468408.530	ug/L	480857.849
	54	Fe	22.057578	54.382	47059.843	ug/L	37101.824
	67	Zn	0.343708	762.788	19750.513	ug/L	20205.161
	137	Ba	1.041521	0.269	3315.084	ug/L	196.003
>	165	Ho-2			1283200.237	ug/L	1276414.382
	203	Tl	-0.184815	12.488	1445.422	ug/L	2942.667
	206	Pb	-0.089766	7.855	1118.388	ug/L	1714.787
	207	Pb	-0.092742	3.323	1032.714	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	97.411	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	95.707	
	As	75		
	Ba	135		
>	Ho-1	165	100.532	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	97.411	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	100.532	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA8
Sample Date/Time: Friday, May 25, 2007 13:08:47
Autosampler Position: 37
Dataset File: D:\Elandata\Dataset\052507M1\JWPA8.029

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	26256.111927	2.250	117367094.048	ug/L	14340.338
	24	Mg	4137.466592	1.586	14057010.258	ug/L	4546.769
	27	Al	1.383214	1.674	14414.413	ug/L	7803.209
	39	K	586.986556	1.988	4871115.764	ug/L	787820.143
	44	Ca	10495.699456	0.785	2626031.014	ug/L	72922.037
>	45	Sc-1			472464.036	ug/L	480857.849
	51	V	0.333425	166.167	-1088.805	ug/L	-3998.332
	57	Fe	644.792768	1.286	131150.941	ug/L	6512.532
	66	Zn	3.114215	3.214	4731.164	ug/L	1229.399
>	72	Ge-1			567281.601	ug/L	583818.267
	75	As	1.839542	8.421	3017.102	ug/L	441.860
	135	Ba	0.732233	1.614	1389.081	ug/L	109.668
>	165	Ho-1			1292044.138	ug/L	1276414.382
	205	Tl	-0.199032	6.296	3268.408	ug/L	6961.439
	208	Pb	-0.081345	1.939	4860.704	ug/L	6900.385
	238	U	0.976259	1.883	14485.491	ug/L	47.334
>	45	Sc-2			472464.036	ug/L	480857.849
	54	Fe	672.662466	3.038	372548.458	ug/L	37101.824
	67	Zn	3.613243	55.441	20583.692	ug/L	20205.161
	137	Ba	0.728932	2.381	2396.225	ug/L	196.003
>	165	Ho-2			1292044.138	ug/L	1276414.382
	203	Tl	-0.192803	7.067	1389.415	ug/L	2942.667
	206	Pb	-0.076995	5.661	1212.397	ug/L	1714.787
	207	Pb	-0.082990	4.706	1096.053	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.254	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.167	
	As	75		
	Ba	135		
>	Ho-1	165	101.225	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.254	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.225	/
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPA9
Sample Date/Time: Friday, May 25, 2007 13:13:14
Autosampler Position: 38
Dataset File: D:\Elandata\Dataset\052507M1\JWPA9.030

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	25437.123300	1.571	113870314.019	ug/L	14340.338
	24	Mg	3891.436635	1.405	13239777.231	ug/L	4546.769
	27	Al	0.803227	4.025	11601.493	ug/L	7803.209
	39	K	537.385533	2.929	4531100.594	ug/L	787820.143
	44	Ca	8177.850784	1.446	2064663.484	ug/L	72922.037
>	45	Sc-1			473096.170	ug/L	480857.849
	51	V	-0.305669	118.295	-6529.405	ug/L	-3998.332
	57	Fe	-3.124420	54.453	5802.205	ug/L	6512.532
	66	Zn	3.035676	0.845	4649.136	ug/L	1229.399
>	72	Ge-1			564766.104	ug/L	583818.267
	75	As	0.826917	18.901	1585.395	ug/L	441.860
	135	Ba	0.411703	2.358	833.033	ug/L	109.668
>	165	Ho-1			1297618.185	ug/L	1276414.382
	205	Tl	-0.209518	7.310	3082.366	ug/L	6961.439
	208	Pb	-0.098202	1.542	4439.977	ug/L	6900.385
	238	U	1.048681	0.888	15620.693	ug/L	47.334
>	45	Sc-2			473096.170	ug/L	480857.849
	54	Fe	22.227054	32.048	47632.785	ug/L	37101.824
	67	Zn	4.414582	11.469	20776.639	ug/L	20205.161
	137	Ba	0.402930	0.413	1419.085	ug/L	196.003
>	165	Ho-2			1297618.185	ug/L	1276414.382
	203	Tl	-0.206811	9.290	1279.071	ug/L	2942.667
	206	Pb	-0.091695	5.945	1117.722	ug/L	1714.787
	207	Pb	-0.097484	2.989	1016.713	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.386	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.737	
	As	75		
	Ba	135		
>	Ho-1	165	101.661	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.386	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.661	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPCA
Sample Date/Time: Friday, May 25, 2007 13:17:42
Autosampler Position: 39
Dataset File: D:\Elandata\Dataset\052507M1\JWPCA.031

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	25776.498031	1.848	114919799.596	ug/L	14340.338
	24	Mg	3930.191929	1.459	13317572.814	ug/L	4546.769
	27	Al	1.107591	3.465	13034.742	ug/L	7803.209
	39	K	542.131536	0.945	4545991.950	ug/L	787820.143
	44	Ca	8439.363435	1.500	2119823.140	ug/L	72922.037
>	45	Sc-1			471172.393	ug/L	480857.849
	51	V	0.061229	1262.239	-3411.842	ug/L	-3998.332
	57	Fe	176.063041	1.536	40354.976	ug/L	6512.532
	66	Zn	1.922956	4.758	3374.766	ug/L	1229.399
>	72	Ge-1			564381.341	ug/L	583818.267
	75	As	2.449933	23.340	3859.250	ug/L	441.860
	135	Ba	0.440288	2.151	874.035	ug/L	109.668
>	165	Ho-1			1284147.178	ug/L	1276414.382
	205	Tl	-0.228965	7.316	2681.281	ug/L	6961.439
	208	Pb	-0.108235	1.788	4133.273	ug/L	6900.385
	238	U	1.034417	1.136	15247.619	ug/L	47.334
>	45	Sc-2			471172.393	ug/L	480857.849
	54	Fe	205.413933	4.743	138722.961	ug/L	37101.824
	67	Zn	2.605689	76.787	20325.991	ug/L	20205.161
	137	Ba	0.454202	4.775	1558.101	ug/L	196.003
>	165	Ho-2			1284147.178	ug/L	1276414.382
	203	Tl	-0.221217	5.379	1146.724	ug/L	2942.667
	206	Pb	-0.100658	3.282	1045.382	ug/L	1714.787
	207	Pb	-0.110430	2.334	932.040	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	97.986	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.671	
	As	75		
	Ba	135		
>	Ho-1	165	100.606	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	97.986	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	100.606	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPCD
Sample Date/Time: Friday, May 25, 2007 13:22:06
Autosampler Position: 40
Dataset File: D:\Elandata\Dataset\052507M1\JWPCD.032

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	20907.512687	1.719	94251317.262	ug/L	14340.338
	24	Mg	1582.487315	1.818	5424330.255	ug/L	4546.769
	27	Al	9.372515	1.704	53832.445	ug/L	7803.209
	39	K	327.952779	2.031	3088798.259	ug/L	787820.143
	44	Ca	2477.564649	1.721	680212.921	ug/L	72922.037
>	45	Sc-1			476400.851	ug/L	480857.849
	51	V	0.374192	99.741	-784.021	ug/L	-3998.332
	57	Fe	-1.183064	14.202	6221.377	ug/L	6512.532
	66	Zn	10.754143	2.961	13486.499	ug/L	1229.399
>	72	Ge-1			569777.256	ug/L	583818.267
	75	As	1.895721	48.208	3112.374	ug/L	441.860
	135	Ba	0.550998	0.985	1070.051	ug/L	109.668
>	165	Ho-1			1288938.724	ug/L	1276414.382
	205	Tl	-0.234034	6.549	2596.597	ug/L	6961.439
	208	Pb	-0.101830	1.352	4315.635	ug/L	6900.385
	238	U	0.256042	3.121	3823.883	ug/L	47.334
>	45	Sc-2			476400.851	ug/L	480857.849
	54	Fe	12.508611	42.114	43060.039	ug/L	37101.824
	67	Zn	9.617334	15.447	21985.793	ug/L	20205.161
	137	Ba	0.553748	2.665	1863.140	ug/L	196.003
>	165	Ho-2			1288938.724	ug/L	1276414.382
	203	Tl	-0.229297	12.546	1085.387	ug/L	2942.667
	206	Pb	-0.099359	5.012	1058.050	ug/L	1714.787
	207	Pb	-0.109479	2.978	941.040	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.073	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.595	
	As	75		
	Ba	135		
>	Ho-1	165	100.981	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.073	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	100.981	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPCF
Sample Date/Time: Friday, May 25, 2007 13:26:26
Autosampler Position: 41
Dataset File: D:\Elandata\Dataset\052507M1\JWPCF.033

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	20731.118727	1.864	93503150.838	ug/L	14340.338
	24	Mg	1551.684937	1.699	5321646.876	ug/L	4546.769
	27	Al	0.748827	7.349	11419.678	ug/L	7803.209
	39	K	320.318813	2.620	3036661.965	ug/L	787820.143
	44	Ca	2412.549388	0.903	664633.624	ug/L	72922.037
>	45	Sc-1			476654.524	ug/L	480857.849
	51	V	-0.126880	496.057	-5024.020	ug/L	-3998.332
	57	Fe	-7.152136	6.587	5058.999	ug/L	6512.532
	66	Zn	1.852418	2.183	3333.089	ug/L	1229.399
>	72	Ge-1			569438.109	ug/L	583818.267
	75	As	1.991840	14.839	3244.926	ug/L	441.860
	135	Ba	0.443269	2.333	890.037	ug/L	109.668
>	165	Ho-1			1300109.012	ug/L	1276414.382
	205	Tl	-0.238325	6.738	2535.252	ug/L	6961.439
	208	Pb	-0.116870	1.910	3958.249	ug/L	6900.385
	238	U	0.249683	1.273	3763.200	ug/L	47.334
>	45	Sc-2			476654.524	ug/L	480857.849
	54	Fe	7.992704	72.801	40805.253	ug/L	37101.824
	67	Zn	1.974139	110.155	20431.140	ug/L	20205.161
	137	Ba	0.441554	3.667	1538.765	ug/L	196.003
>	165	Ho-2			1300109.012	ug/L	1276414.382
	203	Tl	-0.235517	7.126	1042.049	ug/L	2942.667
	206	Pb	-0.105761	5.252	1023.714	ug/L	1714.787
	207	Pb	-0.116089	4.181	911.038	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.126	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.537	
	As	75		
	Ba	135		
>	Ho-1	165	101.856	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.126	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.856	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPCG
Sample Date/Time: Friday, May 25, 2007 13:30:48
Autosampler Position: 42
Dataset File: D:\Elandata\Dataset\052507M1\JWPCG.034

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	20729.210208	0.232	92758679.062	ug/L	14340.338
	24	Mg	1546.597135	0.202	5262467.765	ug/L	4546.769
	27	Al	3.307598	2.881	23820.749	ug/L	7803.209
	39	K	330.251832	0.557	3082221.243	ug/L	787820.143
	44	Ca	2385.349984	0.297	652760.694	ug/L	72922.037
>	45	Sc-1			472881.800	ug/L	480857.849
	51	V	0.283599	177.927	-1549.060	ug/L	-3998.332
	57	Fe	-3.670082	12.424	5693.804	ug/L	6512.532
	66	Zn	1.930318	2.471	3394.771	ug/L	1229.399
>	72	Ge-1			568380.516	ug/L	583818.267
	75	As	2.317905	5.085	3696.104	ug/L	441.860
	135	Ba	0.496227	4.918	980.710	ug/L	109.668
>	165	Ho-1			1296844.919	ug/L	1276414.382
	205	Tl	-0.238759	6.446	2520.249	ug/L	6961.439
	208	Pb	-0.114705	5.421	4003.923	ug/L	6900.385
	238	U	0.240209	0.642	3612.826	ug/L	47.334
>	45	Sc-2			472881.800	ug/L	480857.849
	54	Fe	10.450972	84.733	41680.204	ug/L	37101.824
	67	Zn	3.515030	97.413	20579.022	ug/L	20205.161
	137	Ba	0.461755	1.748	1596.105	ug/L	196.003
>	165	Ho-2			1296844.919	ug/L	1276414.382
	203	Tl	-0.234126	7.363	1050.716	ug/L	2942.667
	206	Pb	-0.106044	3.415	1019.047	ug/L	1714.787
	207	Pb	-0.116887	7.155	903.704	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.341	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.356	
	As	75		
	Ba	135		
>	Ho-1	165	101.601	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.341	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.601	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPCK
Sample Date/Time: Friday, May 25, 2007 13:35:09
Autosampler Position: 43
Dataset File: D:\Elandata\Dataset\052507M1\JWPCK.035

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	34037.223161	1.900	150159361.847	ug/L	14340.338
	24	Mg	5432.283817	0.688	18215181.266	ug/L	4546.769
	27	Al	1.253323	2.688	13600.607	ug/L	7803.209
	39	K	465.110863	1.023	3968881.565	ug/L	787820.143
	44	Ca	12004.891296	0.581	2954640.757	ug/L	72922.037
>	45	Sc-1			466326.742	ug/L	480857.849
	51	V	-2.959387	13.512	-28612.483	ug/L	-3998.332
	57	Fe	-27.025638	9.411	1157.659	ug/L	6512.532
	66	Zn	2.048968	2.079	3480.125	ug/L	1229.399
>	72	Ge-1			560529.203	ug/L	583818.267
	75	As	1.803342	30.673	2927.806	ug/L	441.860
	135	Ba	0.729324	1.985	1355.745	ug/L	109.668
>	165	Ho-1			1265785.439	ug/L	1276414.382
	205	Tl	-0.236840	8.570	2495.246	ug/L	6961.439
	208	Pb	-0.119486	0.828	3786.566	ug/L	6900.385
	238	U	0.584557	2.382	8513.622	ug/L	47.334
>	45	Sc-2			466326.742	ug/L	480857.849
	54	Fe	15.831656	62.589	43736.505	ug/L	37101.824
	67	Zn	4.362167	87.339	20460.517	ug/L	20205.161
	137	Ba	0.698907	1.860	2258.201	ug/L	196.003
>	165	Ho-2			1265785.439	ug/L	1276414.382
	203	Tl	-0.233398	8.541	1031.381	ug/L	2942.667
	206	Pb	-0.113767	2.814	943.374	ug/L	1714.787
	207	Pb	-0.121350	4.318	857.034	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	96.978	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.011	
	As	75		
	Ba	135		
>	Ho-1	165	99.167	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	96.978	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	99.167	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 6
Sample Date/Time: Friday, May 25, 2007 13:39:34
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 6.036

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	2127.208615	2.045	9388571.378	ug/L	14340.338
	24	Mg	1058.461872	2.245	3548834.058	ug/L	4546.769
	27	Al	2049.113284	1.944	9862857.503	ug/L	7803.209
	39	K	2026.441255	1.481	14709624.049	ug/L	787820.143
	44	Ca	1102.681253	0.712	335220.082	ug/L	72922.037
>	45	Sc-1			465801.868	ug/L	480857.849
	51	V	202.561595	1.695	1685352.229	ug/L	-3998.332
	57	Fe	2193.383772	0.833	424724.851	ug/L	6512.532
	66	Zn	200.215319	1.148	224551.499	ug/L	1229.399
>	72	Ge-1			558714.968	ug/L	583818.267
	75	As	200.682902	1.617	278438.729	ug/L	441.860
	135	Ba	193.858747	1.770	332446.176	ug/L	109.668
>	165	Ho-1			1269334.124	ug/L	1276414.382
	205	Tl	194.036738	2.821	3626186.696	ug/L	6961.439
	208	Pb	202.840858	1.416	5209217.097	ug/L	6900.385
	238	U	211.036094	2.345	3065024.746	ug/L	47.334
>	45	Sc-2			465801.868	ug/L	480857.849
	54	Fe	2136.077363	0.503	1088302.316	ug/L	37101.824
	67	Zn	195.492034	2.027	58699.276	ug/L	20205.161
	137	Ba	193.702743	1.670	573758.719	ug/L	196.003
>	165	Ho-2			1269334.124	ug/L	1276414.382
	203	Tl	194.431266	1.866	1578172.948	ug/L	2942.667
	206	Pb	207.458453	1.028	1386315.064	ug/L	1714.787
	207	Pb	199.360569	0.577	1130020.631	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		106.360
	Mg	24		105.846
	Al	27		102.456
	K	39		101.322
	Ca	44		110.268
>	Sc-1	45	96.869	
	V	51		101.281
	Fe	57		109.669
	Zn	66		100.108
>	Ge-1	72	95.700	
	As	75		100.341
	Ba	135		96.929
>	Ho-1	165	99.445	
	Tl	205		97.018
	Pb	208		101.420
	U	238		105.518
>	Sc-2	45	96.869	
	Fe	54		106.804
	Zn	67		97.746
	Ba	137		96.851
>	Ho-2	165	99.445	
	Tl	203		97.216
	Pb	206		103.729
	Pb	207		99.680

QC Out Of Limits

Analyte	Mass	Out of Limits Message
Ca	44	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 7
Sample Date/Time: Friday, May 25, 2007 13:44:28
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 7.037

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	1.202198	7.530	18857.631	ug/L	14340.338
	24	Mg	0.119052	7.585	4719.827	ug/L	4546.769
	27	Al	0.014363	132.010	7496.041	ug/L	7803.209
	39	K	-6.099545	32.508	708613.682	ug/L	787820.143
	44	Ca	-41.891812	6.033	59535.398	ug/L	72922.037
>	45	Sc-1			457735.152	ug/L	480857.849
	51	V	0.111287	77.107	-2890.330	ug/L	-3998.332
	57	Fe	-1.126089	61.311	5987.707	ug/L	6512.532
	66	Zn	-0.086177	16.536	1075.718	ug/L	1229.399
>	72	Ge-1			551710.611	ug/L	583818.267
	75	As	-0.330998	63.091	-34.173	ug/L	441.860
	135	Ba	0.007522	57.013	119.002	ug/L	109.668
>	165	Ho-1			1239255.868	ug/L	1276414.382
	205	Tl	0.106196	82.759	8688.119	ug/L	6961.439
	208	Pb	-0.113242	2.742	3863.908	ug/L	6900.385
	238	U	0.003301	45.979	92.668	ug/L	47.334
>	45	Sc-2			457735.152	ug/L	480857.849
	54	Fe	2.512216	223.063	36544.790	ug/L	37101.824
	67	Zn	1.029631	191.758	19437.415	ug/L	20205.161
	137	Ba	0.003508	148.586	200.337	ug/L	196.003
>	165	Ho-2			1239255.868	ug/L	1276414.382
	203	Tl	0.101904	74.394	3660.847	ug/L	2942.667
	206	Pb	-0.107442	3.417	964.709	ug/L	1714.787
	207	Pb	-0.115212	5.513	873.369	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		1.202
	Mg	24		0.119
	Al	27		0.014
	K	39		-6.100
	Ca	44		-41.892
>	Sc-1	45	95.191	
	V	51		11.129
	Fe	57		-1.126
	Zn	66		-8.618
>	Ge-1	72	94.600	
	As	75		-33.100
	Ba	135		0.752
>	Ho-1	165	97.089	
	Tl	205		10.620
	Pb	208		-11.324
	U	238		0.330
>	Sc-2	45	95.191	
	Fe	54		2.512
	Zn	67		102.963
	Ba	137		0.351
>	Ho-2	165	97.089	
	Tl	203		10.190
	Pb	206		-10.744
	Pb	207		-11.521

QC Out Of Limits

Analyte	Mass	Out of Limits Message
Zn	67	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPCN
Sample Date/Time: Friday, May 25, 2007 13:49:20
Autosampler Position: 44
Dataset File: D:\Elandata\Dataset\052507M1\JWPCN.038

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	34679.690544	1.289	153635205.532	ug/L	14340.338
	24	Mg	5679.585348	1.580	19121293.834	ug/L	4546.769
	27	Al	16.945001	1.167	89505.416	ug/L	7803.209
	39	K	470.347890	1.619	4020790.352	ug/L	787820.143
	44	Ca	12355.365011	1.024	3050879.228	ug/L	72922.037
>	45	Sc-1			468161.603	ug/L	480857.849
	51	V	-3.688824	45.048	-34738.269	ug/L	-3998.332
	57	Fe	-17.177899	13.244	3048.009	ug/L	6512.532
	66	Zn	1.949615	1.665	3383.101	ug/L	1229.399
>	72	Ge-1			561514.268	ug/L	583818.267
	75	As	1.921405	15.959	3099.954	ug/L	441.860
	135	Ba	0.897495	0.762	1653.446	ug/L	109.668
>	165	Ho-1			1273596.118	ug/L	1276414.382
	205	Tl	-0.096602	47.577	5139.327	ug/L	6961.439
	208	Pb	-0.111094	0.926	4026.262	ug/L	6900.385
	238	U	0.625485	0.926	9162.696	ug/L	47.334
>	45	Sc-2			468161.603	ug/L	480857.849
	54	Fe	26.772681	37.752	49345.309	ug/L	37101.824
	67	Zn	2.519672	134.023	20174.108	ug/L	20205.161
	137	Ba	0.887213	4.377	2832.643	ug/L	196.003
>	165	Ho-2			1273596.118	ug/L	1276414.382
	203	Tl	-0.094437	48.824	2169.190	ug/L	2942.667
	206	Pb	-0.101497	4.954	1031.048	ug/L	1714.787
	207	Pb	-0.119054	4.364	875.702	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	97.360	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	98.180	
	As	75		
	Ba	135		
>	Ho-1	165	99.779	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	97.360	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	99.779	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWPCP
Sample Date/Time: Friday, May 25, 2007 13:53:43
Autosampler Position: 45
Dataset File: D:\Elandata\Dataset\052507M1\JWPCP.039

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	505.014449	1.967	2329607.694	ug/L	14340.338
	24	Mg	131.751887	0.453	463567.046	ug/L	4546.769
	27	Al	70.987840	0.745	363042.051	ug/L	7803.209
	39	K	84.663435	3.827	1399919.753	ug/L	787820.143
	44	Ca	560.082691	2.593	213270.320	ug/L	72922.037
>	45	Sc-1			484578.120	ug/L	480857.849
	51	V	-2.014287	11.232	-21494.717	ug/L	-3998.332
	57	Fe	74.141241	1.677	21275.263	ug/L	6512.532
	66	Zn	13.823281	1.854	17279.951	ug/L	1229.399
>	72	Ge-1			580333.089	ug/L	583818.267
	75	As	-0.367709	81.699	-87.525	ug/L	441.860
	135	Ba	5.458336	0.264	9922.211	ug/L	109.668
>	165	Ho-1			1330278.607	ug/L	1276414.382
	205	Tl	-0.100769	34.647	5281.705	ug/L	6961.439
	208	Pb	0.260946	1.173	14205.919	ug/L	6900.385
	238	U	0.017962	7.296	322.674	ug/L	47.334
>	45	Sc-2			484578.120	ug/L	480857.849
	54	Fe	155.133216	3.114	116905.666	ug/L	37101.824
	67	Zn	53.663042	8.774	31529.080	ug/L	20205.161
	137	Ba	5.408335	0.519	16989.935	ug/L	196.003
>	165	Ho-2			1330278.607	ug/L	1276414.382
	203	Tl	-0.099980	31.272	2216.529	ug/L	2942.667
	206	Pb	0.249614	3.198	3533.472	ug/L	1714.787
	207	Pb	0.251162	0.515	3110.703	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	100.774	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	99.403	
	As	75		
	Ba	135		
>	Ho-1	165	104.220	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	100.774	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	104.220	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW3MAB
Sample Date/Time: Friday, May 25, 2007 13:58:06
Autosampler Position: 46
Dataset File: D:\Elandata\Dataset\052507M1\JW3MAB.040

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	4.773786	3.929	35825.895	ug/L	14340.338
	24	Mg	0.068506	94.541	4752.172	ug/L	4546.769
	27	Al	7.279805	0.957	43670.752	ug/L	7803.209
	39	K	-5.417090	15.885	744582.701	ug/L	787820.143
	44	Ca	-31.655786	11.596	64666.012	ug/L	72922.037
>	45	Sc-1			477839.518	ug/L	480857.849
	51	V	-1.983568	36.243	-20906.917	ug/L	-3998.332
	57	Fe	1.628699	34.214	6790.963	ug/L	6512.532
	66	Zn	2.658476	3.773	4263.679	ug/L	1229.399
>	72	Ge-1			572511.257	ug/L	583818.267
	75	As	-0.609229	68.820	-430.469	ug/L	441.860
	135	Ba	0.080773	10.871	251.338	ug/L	109.668
>	165	Ho-1			1288758.451	ug/L	1276414.382
	205	Tl	-0.166696	15.455	3870.235	ug/L	6961.439
	208	Pb	-0.072989	6.543	5066.068	ug/L	6900.385
	238	U	-0.000775	92.244	36.334	ug/L	47.334
>	45	Sc-2			477839.518	ug/L	480857.849
	54	Fe	76.202016	11.808	75346.203	ug/L	37101.824
	67	Zn	47.489795	4.507	29829.751	ug/L	20205.161
	137	Ba	0.067128	13.235	399.676	ug/L	196.003
>	165	Ho-2			1288758.451	ug/L	1276414.382
	203	Tl	-0.160720	13.580	1648.446	ug/L	2942.667
	206	Pb	-0.065949	17.414	1284.404	ug/L	1714.787
	207	Pb	-0.079576	7.719	1112.721	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.372	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	98.063	
	As	75		
	Ba	135		
>	Ho-1	165	100.967	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.372	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	100.967	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW3MAC
Sample Date/Time: Friday, May 25, 2007 14:02:29
Autosampler Position: 47
Dataset File: D:\Elandata\Dataset\052507M1\JW3MAC.041

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	10513.018037	2.275	48843465.162	ug/L	14340.338
	24	Mg	10347.107373	2.207	36523739.408	ug/L	4546.769
	27	Al	510.305953	2.353	2594672.310	ug/L	7803.209
	39	K	10031.893880	2.190	73567536.919	ug/L	787820.143
	44	Ca	10103.701098	1.960	2629472.259	ug/L	72922.037
>	45	Sc-1			490905.739	ug/L	480857.849
	51	V	483.876521	2.965	4248783.732	ug/L	-3998.332
	57	Fe	507.634362	2.568	108697.601	ug/L	6512.532
	66	Zn	435.160083	1.675	512858.629	ug/L	1229.399
>	72	Ge-1			571095.502	ug/L	583818.267
	75	As	491.100629	1.568	695881.181	ug/L	441.860
	135	Ba	470.278258	1.568	829836.890	ug/L	109.668
>	165	Ho-1			1306304.451	ug/L	1276414.382
	205	Tl	489.293508	3.281	9399431.442	ug/L	6961.439
	208	Pb	497.041519	1.966	13125887.803	ug/L	6900.385
	238	U	1075.882992	2.215	16081114.908	ug/L	47.334
>	45	Sc-2			490905.739	ug/L	480857.849
	54	Fe	618.272518	3.306	358870.556	ug/L	37101.824
	67	Zn	477.561574	1.344	121361.886	ug/L	20205.161
	137	Ba	461.742632	1.437	1407331.571	ug/L	196.003
>	165	Ho-2			1306304.451	ug/L	1276414.382
	203	Tl	474.353833	3.198	3957868.967	ug/L	2942.667
	206	Pb	487.972555	1.178	3353422.680	ug/L	1714.787
	207	Pb	491.928188	1.801	2867031.435	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	102.090	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.821	
	As	75		
	Ba	135		
>	Ho-1	165	102.342	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	102.090	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	102.342	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWN8W
Sample Date/Time: Friday, May 25, 2007 14:06:53
Autosampler Position: 48
Dataset File: D:\Elandata\Dataset\052507M1\JWN8W.042

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	30324.577860	1.312	134586621.531	ug/L	14340.338
	24	Mg	8503.917918	0.505	28681162.899	ug/L	4546.769
	27	Al	100.322034	1.287	493465.516	ug/L	7803.209
	39	K	509.191521	0.616	4297277.341	ug/L	787820.143
	44	Ca	12685.181671	1.093	3135979.372	ug/L	72922.037
>	45	Sc-1			469079.491	ug/L	480857.849
	51	V	0.486906	93.199	174.822	ug/L	-3998.332
	57	Fe	52.678043	5.559	16466.623	ug/L	6512.532
	66	Zn	2.794884	1.333	4338.702	ug/L	1229.399
>	72	Ge-1			560439.384	ug/L	583818.267
	75	As	1.629473	24.180	2686.360	ug/L	441.860
	135	Ba	1.531149	3.747	2772.964	ug/L	109.668
>	165	Ho-1			1287845.115	ug/L	1276414.382
	205	Tl	0.412464	45.676	14792.055	ug/L	6961.439
	208	Pb	-0.031809	32.169	6130.909	ug/L	6900.385
	238	U	1.061334	3.807	15681.761	ug/L	47.334
>	45	Sc-2			469079.491	ug/L	480857.849
	54	Fe	87.174618	16.482	79372.481	ug/L	37101.824
	67	Zn	6.475584	70.358	21005.315	ug/L	20205.161
	137	Ba	1.545554	2.654	4842.203	ug/L	196.003
>	165	Ho-2			1287845.115	ug/L	1276414.382
	203	Tl	0.391439	45.245	6170.436	ug/L	2942.667
	206	Pb	-0.027577	43.111	1542.432	ug/L	1714.787
	207	Pb	-0.038549	18.881	1347.077	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	97.551	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	95.996	
	As	75		
	Ba	135		
>	Ho-1	165	100.896	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	97.551	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	100.896	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWN8WS

Sample Date/Time: Friday, May 25, 2007 14:11:18

Autosampler Position: 49

Dataset File: D:\Elandata\Dataset\052507M1\JWN8WS.043

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	30290.313417	2.585	138273265.467	ug/L	14340.338
	24	Mg	8934.275913	2.861	30991116.231	ug/L	4546.769
	27	Al	136.923049	2.368	689903.766	ug/L	7803.209
	39	K	1019.152958	3.405	8054213.538	ug/L	787820.143
	44	Ca	13123.259778	3.526	3334179.253	ug/L	72922.037
>	45	Sc-1			482528.155	ug/L	480857.849
	51	V	5.428223	9.189	42870.629	ug/L	-3998.332
	57	Fe	50.349310	1.361	16484.552	ug/L	6512.532
	66	Zn	6.965325	2.623	9281.441	ug/L	1229.399
>	72	Ge-1			577913.947	ug/L	583818.267
	75	As	23.287604	1.855	33807.149	ug/L	441.860
	135	Ba	21.911278	1.506	38475.127	ug/L	109.668
>	165	Ho-1			1296365.310	ug/L	1276414.382
	205	Tl	20.070163	5.460	389338.186	ug/L	6961.439
	208	Pb	5.238072	1.949	144209.928	ug/L	6900.385
	238	U	24.287391	2.749	360289.840	ug/L	47.334
>	45	Sc-2			482528.155	ug/L	480857.849
	54	Fe	89.234375	12.078	82811.052	ug/L	37101.824
	67	Zn	6.690285	2.544	21662.296	ug/L	20205.161
	137	Ba	21.784317	2.301	66074.796	ug/L	196.003
>	165	Ho-2			1296365.310	ug/L	1276414.382
	203	Tl	19.446226	6.046	163852.152	ug/L	2942.667
	206	Pb	5.127238	0.796	36691.427	ug/L	1714.787
	207	Pb	5.195759	2.462	31612.592	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	100.347	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	98.989	
	As	75		
	Ba	135		
>	Ho-1	165	101.563	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	100.347	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.563	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWN8WD
Sample Date/Time: Friday, May 25, 2007 14:15:43
Autosampler Position: 50
Dataset File: D:\Elandata\Dataset\052507M1\JWN8WD.044

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	29957.418640	2.117	139735525.442	ug/L	14340.338
	24	Mg	8889.121232	2.412	31508011.807	ug/L	4546.769
	27	Al	127.672989	1.231	657922.401	ug/L	7803.209
	39	K	1006.730626	3.184	8139991.888	ug/L	787820.143
	44	Ca	13010.449874	2.208	3378620.346	ug/L	72922.037
>	45	Sc-1			493044.351	ug/L	480857.849
	51	V	5.539153	1.246	44789.616	ug/L	-3998.332
	57	Fe	45.487792	4.468	15859.420	ug/L	6512.532
	66	Zn	6.992396	2.098	9515.930	ug/L	1229.399
>	72	Ge-1			585637.058	ug/L	583818.267
	75	As	22.902497	0.979	33702.300	ug/L	441.860
	135	Ba	21.356421	1.585	38000.856	ug/L	109.668
>	165	Ho-1			1313543.184	ug/L	1276414.382
	205	Tl	20.014032	4.760	393513.286	ug/L	6961.439
	208	Pb	5.165572	0.629	144212.956	ug/L	6900.385
	238	U	24.145084	0.492	363002.963	ug/L	47.334
>	45	Sc-2			493044.351	ug/L	480857.849
	54	Fe	84.343368	14.183	82026.801	ug/L	37101.824
	67	Zn	3.549315	52.427	21467.335	ug/L	20205.161
	137	Ba	21.357882	0.650	65651.499	ug/L	196.003
>	165	Ho-2			1313543.184	ug/L	1276414.382
	203	Tl	19.516811	4.034	166659.674	ug/L	2942.667
	206	Pb	5.091532	0.949	36931.382	ug/L	1714.787
	207	Pb	5.049470	0.864	31180.307	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	102.534	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	100.312	
	As	75		
	Ba	135		
>	Ho-1	165	102.909	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	102.534	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	102.909	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWN8WV
Sample Date/Time: Friday, May 25, 2007 14:20:08
Autosampler Position: 51
Dataset File: D:\Elandata\Dataset\052507M1\JWN8WV.045

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	5964.343128	0.794	27336297.504	ug/L	14340.338
	24	Mg	1685.980562	1.515	5873086.699	ug/L	4546.769
	27	Al	20.340447	1.777	109545.208	ug/L	7803.209
	39	K	89.853401	2.239	1435999.091	ug/L	787820.143
	44	Ca	2553.524855	1.539	710287.715	ug/L	72922.037
>	45	Sc-1			484183.747	ug/L	480857.849
	51	V	-0.413482	50.555	-7604.631	ug/L	-3998.332
	57	Fe	7.815263	4.481	8107.053	ug/L	6512.532
	66	Zn	0.433232	8.347	1740.123	ug/L	1229.399
>	72	Ge-1			579136.426	ug/L	583818.267
	75	As	0.082081	473.281	555.951	ug/L	441.860
	135	Ba	0.307666	7.457	659.355	ug/L	109.668
>	165	Ho-1			1314809.373	ug/L	1276414.382
	205	Tl	-0.062964	79.020	5956.323	ug/L	6961.439
	208	Pb	-0.116101	3.064	4023.260	ug/L	6900.385
	238	U	0.204132	2.492	3120.039	ug/L	47.334
>	45	Sc-2			484183.747	ug/L	480857.849
	54	Fe	23.959377	51.755	49628.733	ug/L	37101.824
	67	Zn	-3.902668	47.036	19532.208	ug/L	20205.161
	137	Ba	0.319962	1.910	1183.394	ug/L	196.003
>	165	Ho-2			1314809.373	ug/L	1276414.382
	203	Tl	-0.066033	83.993	2477.912	ug/L	2942.667
	206	Pb	-0.106113	0.944	1032.714	ug/L	1714.787
	207	Pb	-0.121169	5.056	891.370	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	100.692	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	99.198	
	As	75		
	Ba	135		
>	Ho-1	165	103.008	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	100.692	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	103.008	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWN9G
Sample Date/Time: Friday, May 25, 2007 14:24:34
Autosampler Position: 52
Dataset File: D:\Elandata\Dataset\052507M1\JWN9G.046

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	30550.898300	1.750	136825168.314	ug/L	14340.338
	24	Mg	8576.906255	1.028	29190297.281	ug/L	4546.769
	27	Al	0.597481	8.844	10602.041	ug/L	7803.209
	39	K	469.602317	1.784	4059309.328	ug/L	787820.143
	44	Ca	12481.341400	1.099	3114941.233	ug/L	72922.037
>	45	Sc-1			473322.235	ug/L	480857.849
	51	V	-0.472997	22.524	-7946.465	ug/L	-3998.332
	57	Fe	-29.218571	3.331	746.502	ug/L	6512.532
	66	Zn	1.739692	4.826	3182.053	ug/L	1229.399
>	72	Ge-1			571726.663	ug/L	583818.267
	75	As	1.426127	20.534	2454.616	ug/L	441.860
	135	Ba	0.734409	5.509	1404.416	ug/L	109.668
>	165	Ho-1			1304047.432	ug/L	1276414.382
	205	Tl	-0.173575	11.341	3790.546	ug/L	6961.439
	208	Pb	-0.126071	2.781	3726.560	ug/L	6900.385
	238	U	1.026151	1.864	15357.071	ug/L	47.334
>	45	Sc-2			473322.235	ug/L	480857.849
	54	Fe	11.061072	112.108	42073.827	ug/L	37101.824
	67	Zn	-0.641718	279.494	19757.854	ug/L	20205.161
	137	Ba	0.730046	3.377	2420.563	ug/L	196.003
>	165	Ho-2			1304047.432	ug/L	1276414.382
	203	Tl	-0.172258	10.260	1574.437	ug/L	2942.667
	206	Pb	-0.117191	1.777	948.374	ug/L	1714.787
	207	Pb	-0.132576	8.400	817.032	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.433	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.929	
	As	75		
	Ba	135		
>	Ho-1	165	102.165	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.433	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	102.165	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWN9J
Sample Date/Time: Friday, May 25, 2007 14:29:00
Autosampler Position: 53
Dataset File: D:\Elandata\Dataset\052507M1\JWN9J.047

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	30123.362650	1.491	135356134.816	ug/L	14340.338
	24	Mg	8335.924189	0.872	28464958.186	ug/L	4546.769
	27	Al	5.902995	0.835	36652.327	ug/L	7803.209
	39	K	466.566257	1.051	4052033.245	ug/L	787820.143
	44	Ca	12335.986149	0.706	3090112.738	ug/L	72922.037
>	45	Sc-1			474915.555	ug/L	480857.849
	51	V	-0.353017	135.454	-6985.681	ug/L	-3998.332
	57	Fe	-24.043333	4.362	1754.058	ug/L	6512.532
	66	Zn	1.724769	4.679	3175.385	ug/L	1229.399
>	72	Ge-1			573060.594	ug/L	583818.267
	75	As	1.224863	15.100	2174.583	ug/L	441.860
	135	Ba	0.730676	5.134	1383.414	ug/L	109.668
>	165	Ho-1			1290370.935	ug/L	1276414.382
	205	Tl	-0.197207	12.687	3293.750	ug/L	6961.439
	208	Pb	-0.123744	5.776	3746.895	ug/L	6900.385
	238	U	1.016304	3.086	15046.406	ug/L	47.334
>	45	Sc-2			474915.555	ug/L	480857.849
	54	Fe	14.879043	95.765	44053.755	ug/L	37101.824
	67	Zn	0.328105	795.739	20017.884	ug/L	20205.161
	137	Ba	0.760139	5.801	2484.574	ug/L	196.003
>	165	Ho-2			1290370.935	ug/L	1276414.382
	203	Tl	-0.187924	12.080	1425.419	ug/L	2942.667
	206	Pb	-0.116698	7.390	941.374	ug/L	1714.787
	207	Pb	-0.127670	7.419	836.700	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.764	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	98.157	
	As	75		
	Ba	135		
>	Ho-1	165	101.093	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.764	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.093	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 6
Sample Date/Time: Friday, May 25, 2007 14:33:27
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 6.048

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	2037.478482	1.927	9378609.937	ug/L	14340.338
	24	Mg	1028.239256	2.083	3595435.875	ug/L	4546.769
	27	Al	1994.191632	1.290	10010487.168	ug/L	7803.209
	39	K	1962.150842	1.150	14878516.851	ug/L	787820.143
	44	Ca	1055.926224	0.230	337904.948	ug/L	72922.037
>	45	Sc-1			485784.686	ug/L	480857.849
	51	V	196.359256	1.142	1703679.896	ug/L	-3998.332
	57	Fe	2117.517275	0.620	427847.980	ug/L	6512.532
	66	Zn	193.686685	1.645	226576.423	ug/L	1229.399
>	72	Ge-1			577281.024	ug/L	583818.267
	75	As	199.653616	1.151	286240.100	ug/L	441.860
	135	Ba	191.947158	0.494	341315.216	ug/L	109.668
>	165	Ho-1			1316046.250	ug/L	1276414.382
	205	Tl	191.045238	3.080	3701673.453	ug/L	6961.439
	208	Pb	198.044977	1.028	5273549.612	ug/L	6900.385
	238	U	205.730496	2.367	3097737.542	ug/L	47.334
>	45	Sc-2			485784.686	ug/L	480857.849
	54	Fe	2104.750614	1.771	1118958.312	ug/L	37101.824
	67	Zn	182.978451	1.603	58605.889	ug/L	20205.161
	137	Ba	191.795861	1.116	589034.654	ug/L	196.003
>	165	Ho-2			1316046.250	ug/L	1276414.382
	203	Tl	189.544635	1.864	1595081.972	ug/L	2942.667
	206	Pb	202.375466	0.501	1402189.333	ug/L	1714.787
	207	Pb	196.841176	1.236	1156712.513	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		101.874
	Mg	24		102.824
	Al	27		99.710
	K	39		98.108
	Ca	44		105.593
>	Sc-1	45	101.025	
	V	51		98.180
	Fe	57		105.876
	Zn	66		96.843
>	Ge-1	72	98.880	
	As	75		99.827
	Ba	135		95.974
>	Ho-1	165	103.105	
	Tl	205		95.523
	Pb	208		99.022
	U	238		102.885
>	Sc-2	45	101.025	
	Fe	54		105.238
	Zn	67		91.489
	Ba	137		95.898
>	Ho-2	165	103.105	
	Tl	203		94.772
	Pb	206		101.188
	Pb	207		98.421

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 7
Sample Date/Time: Friday, May 25, 2007 14:38:22
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 7.049

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	0.815439	9.473	17291.967	ug/L	14340.338
	24	Mg	0.121472	35.244	4758.174	ug/L	4546.769
	27	Al	0.010333	156.600	7525.057	ug/L	7803.209
	39	K	-6.339839	11.429	711626.697	ug/L	787820.143
	44	Ca	-51.271635	2.119	57694.512	ug/L	72922.037
>	45	Sc-1			460682.424	ug/L	480857.849
	51	V	-0.372539	68.845	-6900.499	ug/L	-3998.332
	57	Fe	-0.686532	33.011	6109.689	ug/L	6512.532
	66	Zn	-0.139352	4.265	1024.047	ug/L	1229.399
>	72	Ge-1			553970.025	ug/L	583818.267
	75	As	0.160003	9.430	639.091	ug/L	441.860
	135	Ba	0.014039	33.246	133.669	ug/L	109.668
>	165	Ho-1			1274624.836	ug/L	1276414.382
	205	Tl	0.105464	76.279	8925.929	ug/L	6961.439
	208	Pb	-0.135121	3.104	3410.191	ug/L	6900.385
	238	U	0.003846	34.260	103.335	ug/L	47.334
>	45	Sc-2			460682.424	ug/L	480857.849
	54	Fe	4.709695	183.936	37827.100	ug/L	37101.824
	67	Zn	-0.224187	1636.152	19310.912	ug/L	20205.161
	137	Ba	-0.002605	119.146	188.003	ug/L	196.003
>	165	Ho-2			1274624.836	ug/L	1276414.382
	203	Tl	0.096639	84.322	3724.199	ug/L	2942.667
	206	Pb	-0.124374	5.412	878.703	ug/L	1714.787
	207	Pb	-0.139069	2.969	762.361	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		0.815
	Mg	24		0.121
	Al	27		0.010
	K	39		-6.340
	Ca	44		-51.272
>	Sc-1	45	95.804	
	V	51		-37.254
	Fe	57		-0.687
	Zn	66		-13.935
>	Ge-1	72	94.887	
	As	75		16.000
	Ba	135		1.404
>	Ho-1	165	99.860	
	Tl	205		10.546
	Pb	208		-13.512
	U	238		0.385
>	Sc-2	45	95.804	
	Fe	54		4.710
	Zn	67		-22.419
	Ba	137		-0.260
>	Ho-2	165	99.860	
	Tl	203		9.664
	Pb	206		-12.437
	Pb	207		-13.907

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWN9K

Sample Date/Time: Friday, May 25, 2007 14:43:16

Autosampler Position: 54

Dataset File: D:\Elandata\Dataset\052507M1\JWN9K.050

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	35820.075732	1.145	159828053.046	ug/L	14340.338
	24	Mg	6691.554531	2.884	22691294.472	ug/L	4546.769
	27	Al	2.153411	3.081	18136.019	ug/L	7803.209
	39	K	974.411945	2.393	7561541.281	ug/L	787820.143
	44	Ca	11465.936428	2.021	2856768.941	ug/L	72922.037
>	45	Sc-1			471598.151	ug/L	480857.849
	51	V	-3.149509	11.998	-30543.912	ug/L	-3998.332
	57	Fe	-26.900572	6.451	1188.722	ug/L	6512.532
	66	Zn	1.868082	3.118	3315.084	ug/L	1229.399
>	72	Ge-1			563216.006	ug/L	583818.267
	75	As	1.906845	7.528	3089.148	ug/L	441.860
	135	Ba	0.973684	2.685	1813.467	ug/L	109.668
>	165	Ho-1			1294505.491	ug/L	1276414.382
	205	Tl	-0.081215	57.437	5520.142	ug/L	6961.439
	208	Pb	-0.129037	1.260	3622.879	ug/L	6900.385
	238	U	1.064093	0.309	15811.571	ug/L	47.334
>	45	Sc-2			471598.151	ug/L	480857.849
	54	Fe	20.089979	63.954	46388.222	ug/L	37101.824
	67	Zn	-0.679383	425.123	19674.072	ug/L	20205.161
	137	Ba	0.985828	2.771	3175.718	ug/L	196.003
>	165	Ho-2			1294505.491	ug/L	1276414.382
	203	Tl	-0.083250	51.181	2298.544	ug/L	2942.667
	206	Pb	-0.116646	3.313	945.041	ug/L	1714.787
	207	Pb	-0.132263	2.508	813.698	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.074	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	98.471	
	As	75		
	Ba	135		
>	Ho-1	165	101.417	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.074	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.417	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWN9L
Sample Date/Time: Friday, May 25, 2007 14:47:39
Autosampler Position: 55
Dataset File: D:\Elandata\Dataset\052507M1\JWN9L.051

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	34593.393626	1.318	155930608.858	ug/L	14340.338
	24	Mg	6557.843556	1.783	22464445.834	ug/L	4546.769
	27	Al	0.847639	8.607	11900.744	ug/L	7803.209
	39	K	959.944107	1.807	7536974.679	ug/L	787820.143
	44	Ca	11466.924616	2.146	2886177.450	ug/L	72922.037
>	45	Sc-1			476417.018	ug/L	480857.849
	51	V	-2.905140	34.606	-28683.274	ug/L	-3998.332
	57	Fe	-27.225404	8.521	1138.480	ug/L	6512.532
	66	Zn	1.750045	1.500	3214.727	ug/L	1229.399
>	72	Ge-1			566249.048	ug/L	583818.267
	75	As	1.924399	15.217	3132.139	ug/L	441.860
	135	Ba	0.971678	2.235	1784.796	ug/L	109.668
>	165	Ho-1			1276403.440	ug/L	1276414.382
	205	Tl	-0.152476	22.552	4099.638	ug/L	6961.439
	208	Pb	-0.131710	0.648	3503.202	ug/L	6900.385
	238	U	1.080382	1.652	15828.257	ug/L	47.334
>	45	Sc-2			476417.018	ug/L	480857.849
	54	Fe	14.344933	35.560	43994.766	ug/L	37101.824
	67	Zn	-0.036388	7104.185	20010.879	ug/L	20205.161
	137	Ba	0.952579	1.712	3032.686	ug/L	196.003
>	165	Ho-2			1276403.440	ug/L	1276414.382
	203	Tl	-0.152005	18.426	1703.786	ug/L	2942.667
	206	Pb	-0.122002	4.073	896.037	ug/L	1714.787
	207	Pb	-0.137931	2.847	770.028	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.075	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.991	
	As	75		
	Ba	135		
>	Ho-1	165	99.999	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.076	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	99.999	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWN9T
Sample Date/Time: Friday, May 25, 2007 14:51:59
Autosampler Position: 56
Dataset File: D:\Elandata\Dataset\052507M1\JWN9T.052

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	35273.889606	1.024	159226851.549	ug/L	14340.338
	24	Mg	6613.050107	1.338	22685750.761	ug/L	4546.769
	27	Al	0.752404	4.731	11448.034	ug/L	7803.209
	39	K	984.600372	0.730	7721594.408	ug/L	787820.143
	44	Ca	11561.376759	1.207	2913545.317	ug/L	72922.037
>	45	Sc-1			477060.415	ug/L	480857.849
	51	V	-3.709041	55.187	-35632.280	ug/L	-3998.332
	57	Fe	-27.503916	5.731	1087.403	ug/L	6512.532
	66	Zn	0.449983	14.505	1733.789	ug/L	1229.399
>	72	Ge-1			570700.854	ug/L	583818.267
	75	As	2.092812	16.034	3393.332	ug/L	441.860
	135	Ba	0.973455	5.730	1820.134	ug/L	109.668
>	165	Ho-1			1299870.653	ug/L	1276414.382
	205	Tl	-0.194335	14.009	3373.104	ug/L	6961.439
	208	Pb	-0.145991	2.061	3192.171	ug/L	6900.385
	238	U	1.088968	2.253	16243.726	ug/L	47.334
>	45	Sc-2			477060.415	ug/L	480857.849
	54	Fe	17.053492	51.254	45411.648	ug/L	37101.824
	67	Zn	-1.079171	187.568	19824.281	ug/L	20205.161
	137	Ba	0.976750	0.686	3161.715	ug/L	196.003
>	165	Ho-2			1299870.653	ug/L	1276414.382
	203	Tl	-0.190822	14.126	1411.752	ug/L	2942.667
	206	Pb	-0.139509	4.638	792.363	ug/L	1714.787
	207	Pb	-0.148123	6.349	725.026	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.210	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.753	
	As	75		
	Ba	135		
>	Ho-1	165	101.838	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.210	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.838	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW057B
Sample Date/Time: Friday, May 25, 2007 14:56:20
Autosampler Position: 57
Dataset File: D:\Elandata\Dataset\052507M1\JW057B.053

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	6.054593	4.766	41931.554	ug/L	14340.338
	24	Mg	-0.085846	29.690	4255.010	ug/L	4546.769
	27	Al	1.645706	4.530	15992.441	ug/L	7803.209
	39	K	-7.665819	9.402	734272.150	ug/L	787820.143
	44	Ca	-51.664210	3.979	60199.175	ug/L	72922.037
>	45	Sc-1			481480.035	ug/L	480857.849
	51	V	-2.137510	32.723	-22470.606	ug/L	-3998.332
	57	Fe	2.713084	11.111	7055.589	ug/L	6512.532
	66	Zn	0.617786	4.530	1943.152	ug/L	1229.399
>	72	Ge-1			569493.753	ug/L	583818.267
	75	As	-0.845275	30.387	-763.106	ug/L	441.860
	135	Ba	0.073060	8.056	242.338	ug/L	109.668
>	165	Ho-1			1312224.502	ug/L	1276414.382
	205	Tl	-0.172446	16.756	3824.556	ug/L	6961.439
	208	Pb	-0.095033	2.883	4573.332	ug/L	6900.385
	238	U	0.001420	7.277	70.001	ug/L	47.334
>	45	Sc-2			481480.035	ug/L	480857.849
	54	Fe	76.463470	11.117	76061.855	ug/L	37101.824
	67	Zn	32.280903	4.184	26911.265	ug/L	20205.161
	137	Ba	0.071455	10.108	420.010	ug/L	196.003
>	165	Ho-2			1312224.502	ug/L	1276414.382
	203	Tl	-0.169411	16.702	1603.440	ug/L	2942.667
	206	Pb	-0.087452	1.429	1159.392	ug/L	1714.787
	207	Pb	-0.102671	4.305	997.711	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	100.129	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.546	
	As	75		
	Ba	135		
>	Ho-1	165	102.806	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	100.129	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	102.806	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW057C
Sample Date/Time: Friday, May 25, 2007 15:00:40
Autosampler Position: 58
Dataset File: D:\Elandata\Dataset\052507M1\JW057C.054

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	10871.536359	2.967	49890282.382	ug/L	14340.338
	24	Mg	11000.393400	3.600	38348728.937	ug/L	4546.769
	27	Al	546.079616	3.537	2741705.863	ug/L	7803.209
	39	K	10282.250003	4.011	74448575.754	ug/L	787820.143
	44	Ca	10677.579295	2.715	2740552.135	ug/L	72922.037
>	45	Sc-1			484994.066	ug/L	480857.849
	51	V	511.319577	3.780	4433957.089	ug/L	-3998.332
	57	Fe	544.588715	2.442	114706.306	ug/L	6512.532
	66	Zn	460.912786	2.598	536451.801	ug/L	1229.399
>	72	Ge-1			567184.254	ug/L	583818.267
	75	As	515.866102	1.047	725917.930	ug/L	441.860
	135	Ba	490.939510	0.770	865593.343	ug/L	109.668
>	165	Ho-1			1305163.474	ug/L	1276414.382
	205	Tl	502.166409	1.935	9639754.856	ug/L	6961.439
	208	Pb	517.448394	1.467	13654070.783	ug/L	6900.385
	238	U	1136.885618	2.896	16979657.050	ug/L	47.334
>	45	Sc-2			484994.066	ug/L	480857.849
	54	Fe	662.493773	1.804	377197.151	ug/L	37101.824
	67	Zn	492.663157	3.164	123012.606	ug/L	20205.161
	137	Ba	480.411803	1.092	1463066.847	ug/L	196.003
>	165	Ho-2			1305163.474	ug/L	1276414.382
	203	Tl	484.035952	2.513	4035624.686	ug/L	2942.667
	206	Pb	502.733084	1.880	3452007.705	ug/L	1714.787
	207	Pb	510.845027	1.240	2974909.245	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	100.860	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.151	
	As	75		
	Ba	135		
>	Ho-1	165	102.252	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	100.860	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	102.252	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0G7
Sample Date/Time: Friday, May 25, 2007 15:05:02
Autosampler Position: 59
Dataset File: D:\Elandata\Dataset\052507M1\JW0G7.055

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	17985.614125	1.162	80367647.318	ug/L	14340.338
	24	Mg	727.768354	2.139	2475117.795	ug/L	4546.769
	27	Al	1.732316	2.093	16108.905	ug/L	7803.209
	39	K	374.709237	2.053	3387870.472	ug/L	787820.143
	44	Ca	903.072538	1.100	291279.913	ug/L	72922.037
>	45	Sc-1			472212.419	ug/L	480857.849
	51	V	2.137634	31.226	14162.121	ug/L	-3998.332
	57	Fe	-3.835286	17.203	5653.235	ug/L	6512.532
	66	Zn	0.820277	6.430	2134.848	ug/L	1229.399
>	72	Ge-1			569576.961	ug/L	583818.267
	75	As	4.510430	5.030	6801.215	ug/L	441.860
	135	Ba	0.220390	4.630	497.680	ug/L	109.668
>	165	Ho-1			1297293.244	ug/L	1276414.382
	205	Tl	0.443464	43.028	15524.886	ug/L	6961.439
	208	Pb	-0.111943	1.871	4078.599	ug/L	6900.385
	238	U	0.318800	2.096	4780.848	ug/L	47.334
>	45	Sc-2			472212.419	ug/L	480857.849
	54	Fe	6.521506	143.183	39683.390	ug/L	37101.824
	67	Zn	2.626281	137.350	20373.398	ug/L	20205.161
	137	Ba	0.228575	7.986	891.037	ug/L	196.003
>	165	Ho-2			1297293.244	ug/L	1276414.382
	203	Tl	0.429164	49.243	6541.966	ug/L	2942.667
	206	Pb	-0.101747	4.029	1048.716	ug/L	1714.787
	207	Pb	-0.115890	2.355	910.038	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.202	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.561	
	As	75		
	Ba	135		
>	Ho-1	165	101.636	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.202	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.636	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0G7S
Sample Date/Time: Friday, May 25, 2007 15:09:24
Autosampler Position: 60
Dataset File: D:\Elandata\Dataset\052507M1\JW0G7S.056

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	18704.788948	0.677	82827257.267	ug/L	14340.338
	24	Mg	1199.355240	1.650	4039286.135	ug/L	4546.769
	27	Al	20.724509	0.802	107731.102	ug/L	7803.209
	39	K	879.314395	1.151	6846057.102	ug/L	787820.143
	44	Ca	1414.751428	0.337	411991.753	ug/L	72922.037
>	45	Sc-1			467944.825	ug/L	480857.849
	51	V	6.082849	10.546	47062.242	ug/L	-3998.332
	57	Fe	5.375453	7.621	7367.698	ug/L	6512.532
	66	Zn	5.158066	0.500	6977.106	ug/L	1229.399
>	72	Ge-1			567092.507	ug/L	583818.267
	75	As	24.684226	1.597	35138.195	ug/L	441.860
	135	Ba	18.921638	0.942	32974.676	ug/L	109.668
>	165	Ho-1			1285900.299	ug/L	1276414.382
	205	Tl	19.032533	3.446	366724.247	ug/L	6961.439
	208	Pb	4.906390	1.679	134435.641	ug/L	6900.385
	238	U	21.709154	1.297	319494.156	ug/L	47.334
>	45	Sc-2			467944.825	ug/L	480857.849
	54	Fe	17.769279	55.721	44896.447	ug/L	37101.824
	67	Zn	5.901353	37.188	20849.082	ug/L	20205.161
	137	Ba	18.768012	2.856	56498.446	ug/L	196.003
>	165	Ho-2			1285900.299	ug/L	1276414.382
	203	Tl	18.545124	3.792	155201.233	ug/L	2942.667
	206	Pb	4.865964	1.774	34627.600	ug/L	1714.787
	207	Pb	4.789882	1.503	29033.767	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	97.315	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.135	
	As	75		
	Ba	135		
>	Ho-1	165	100.743	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	97.315	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	100.743	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0G7D
Sample Date/Time: Friday, May 25, 2007 15:13:46
Autosampler Position: 61
Dataset File: D:\Elandata\Dataset\052507M1\JW0G7D.057

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	19263.932786	1.645	85870211.243	ug/L	14340.338
	24	Mg	1248.921990	1.384	4234074.801	ug/L	4546.769
	27	Al	21.888136	1.061	114116.495	ug/L	7803.209
	39	K	887.009874	1.513	6945279.038	ug/L	787820.143
	44	Ca	1459.575050	1.170	425621.940	ug/L	72922.037
>	45	Sc-1			471086.767	ug/L	480857.849
	51	V	7.195073	9.793	56771.146	ug/L	-3998.332
	57	Fe	5.442773	8.563	7430.329	ug/L	6512.532
	66	Zn	5.425741	1.634	7325.618	ug/L	1229.399
>	72	Ge-1			564408.280	ug/L	583818.267
	75	As	25.838305	1.406	36586.864	ug/L	441.860
	135	Ba	19.536454	0.368	33978.701	ug/L	109.668
>	165	Ho-1			1283469.964	ug/L	1276414.382
	205	Tl	19.753017	3.696	379676.829	ug/L	6961.439
	208	Pb	5.072990	0.746	138505.946	ug/L	6900.385
	238	U	23.187512	0.317	340614.588	ug/L	47.334
>	45	Sc-2			471086.767	ug/L	480857.849
	54	Fe	17.463480	51.950	45066.121	ug/L	37101.824
	67	Zn	4.611155	37.631	20729.241	ug/L	20205.161
	137	Ba	19.651411	1.692	59042.381	ug/L	196.003
>	165	Ho-2			1283469.964	ug/L	1276414.382
	203	Tl	18.943984	4.115	158195.229	ug/L	2942.667
	206	Pb	4.975126	1.514	35298.577	ug/L	1714.787
	207	Pb	5.001225	1.100	30188.165	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	97.968	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.675	
	As	75		
	Ba	135		
>	Ho-1	165	100.553	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	97.968	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	100.553	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0G7V
Sample Date/Time: Friday, May 25, 2007 15:18:09
Autosampler Position: 62
Dataset File: D:\Elandata\Dataset\052507M1\JW0G7V.058

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	3753.378758	0.760	16827047.998	ug/L	14340.338
	24	Mg	157.463644	1.547	540442.573	ug/L	4546.769
	27	Al	0.475596	2.868	10007.938	ug/L	7803.209
	39	K	71.773715	3.353	1277692.504	ug/L	787820.143
	44	Ca	146.528356	3.155	107529.594	ug/L	72922.037
>	45	Sc-1			473436.163	ug/L	480857.849
	51	V	0.480526	80.187	135.899	ug/L	-3998.332
	57	Fe	-2.004905	10.844	6023.174	ug/L	6512.532
	66	Zn	0.067858	18.596	1287.404	ug/L	1229.399
>	72	Ge-1			567823.938	ug/L	583818.267
	75	As	0.535952	78.527	1183.040	ug/L	441.860
	135	Ba	0.050333	6.636	201.337	ug/L	109.668
>	165	Ho-1			1308125.982	ug/L	1276414.382
	205	Tl	-0.047889	107.881	6216.772	ug/L	6961.439
	208	Pb	-0.142923	2.415	3293.848	ug/L	6900.385
	238	U	0.059841	1.756	944.374	ug/L	47.334
>	45	Sc-2			473436.163	ug/L	480857.849
	54	Fe	6.850718	147.635	39959.828	ug/L	37101.824
	67	Zn	-1.786538	149.862	19529.542	ug/L	20205.161
	137	Ba	0.038958	23.212	319.673	ug/L	196.003
>	165	Ho-2			1308125.982	ug/L	1276414.382
	203	Tl	-0.044675	109.194	2643.942	ug/L	2942.667
	206	Pb	-0.133182	2.297	841.367	ug/L	1714.787
	207	Pb	-0.151182	4.356	711.692	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.457	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.260	
	As	75		
	Ba	135		
>	Ho-1	165	102.484	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.457	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	102.484	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0G9
Sample Date/Time: Friday, May 25, 2007 15:22:32
Autosampler Position: 63
Dataset File: D:\Elandata\Dataset\052507M1\JW0G9.059

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	19635.633768	1.120	89222899.961	ug/L	14340.338
	24	Mg	795.668351	1.104	2751596.502	ug/L	4546.769
	27	Al	1.769007	3.969	16562.762	ug/L	7803.209
	39	K	396.187268	1.454	3597660.730	ug/L	787820.143
	44	Ca	995.705887	0.756	319133.184	ug/L	72922.037
>	45	Sc-1			480224.727	ug/L	480857.849
	51	V	2.415959	10.522	16776.105	ug/L	-3998.332
	57	Fe	128.567870	2.019	31785.893	ug/L	6512.532
	66	Zn	0.630850	2.940	1953.486	ug/L	1229.399
>	72	Ge-1			574386.336	ug/L	583818.267
	75	As	6.047437	5.173	9048.903	ug/L	441.860
	135	Ba	0.302993	0.591	648.021	ug/L	109.668
>	165	Ho-1			1308659.655	ug/L	1276414.382
	205	Tl	-0.148475	19.436	4282.692	ug/L	6961.439
	208	Pb	-0.143720	1.435	3274.178	ug/L	6900.385
	238	U	0.317311	1.370	4800.521	ug/L	47.334
>	45	Sc-2			480224.727	ug/L	480857.849
	54	Fe	139.660969	8.062	107958.370	ug/L	37101.824
	67	Zn	0.406234	521.030	20259.894	ug/L	20205.161
	137	Ba	0.282576	3.845	1063.717	ug/L	196.003
>	165	Ho-2			1308659.655	ug/L	1276414.382
	203	Tl	-0.146650	21.153	1792.465	ug/L	2942.667
	206	Pb	-0.135304	1.061	827.032	ug/L	1714.787
	207	Pb	-0.146274	1.357	740.693	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.868	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	98.384	
	As	75		
	Ba	135		
>	Ho-1	165	102.526	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.868	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	102.526	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 6
Sample Date/Time: Friday, May 25, 2007 15:26:57
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 6.060

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	2051.933378	1.635	9180750.579	ug/L	14340.338
	24	Mg	1040.619922	2.149	3536873.502	ug/L	4546.769
	27	Al	2004.898545	2.526	9782161.627	ug/L	7803.209
	39	K	1990.790525	2.518	14661822.795	ug/L	787820.143
	44	Ca	1079.328652	1.631	334137.344	ug/L	72922.037
>	45	Sc-1			472202.809	ug/L	480857.849
	51	V	196.319233	2.243	1655603.457	ug/L	-3998.332
	57	Fe	2171.682594	0.562	426359.110	ug/L	6512.532
	66	Zn	197.551148	1.581	224605.894	ug/L	1229.399
>	72	Ge-1			561624.210	ug/L	583818.267
	75	As	202.472432	0.552	282389.791	ug/L	441.860
	135	Ba	192.657370	1.008	335587.621	ug/L	109.668
>	165	Ho-1			1289149.059	ug/L	1276414.382
	205	Tl	192.040005	2.083	3645515.285	ug/L	6961.439
	208	Pb	198.973912	1.265	5190100.527	ug/L	6900.385
	238	U	206.073053	1.485	3040017.101	ug/L	47.334
>	45	Sc-2			472202.809	ug/L	480857.849
	54	Fe	2142.139036	0.571	1106297.272	ug/L	37101.824
	67	Zn	190.661747	1.259	58526.564	ug/L	20205.161
	137	Ba	192.867925	1.238	580256.920	ug/L	196.003
>	165	Ho-2			1289149.059	ug/L	1276414.382
	203	Tl	189.757141	1.735	1564463.033	ug/L	2942.667
	206	Pb	205.784599	0.854	1396659.869	ug/L	1714.787
	207	Pb	196.636233	0.834	1132013.541	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		102.587
	Mg	24		104.062
	Al	27		100.245
	K	39		99.540
	Ca	44		107.933
>	Sc-1	45	98.200	
	V	51		98.160
	Fe	57		108.584
	Zn	66		98.776
>	Ge-1	72	98.198	
	As	75		101.236
	Ba	135		96.329
>	Ho-1	165	100.998	
	Tl	205		96.020
	Pb	208		99.487
	U	238		103.037
>	Sc-2	45	98.200	
	Fe	54		107.107
	Zn	67		95.331
	Ba	137		96.434
>	Ho-2	165	100.998	
	Tl	203		94.879
	Pb	206		102.892
	Pb	207		98.318

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 7
Sample Date/Time: Friday, May 25, 2007 15:31:52
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 7.061

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	0.864456	3.958	17548.950	ug/L	14340.338
	24	Mg	0.122212	19.411	4771.511	ug/L	4546.769
	27	Al	0.077797	43.548	7863.910	ug/L	7803.209
	39	K	-5.588230	40.263	718306.333	ug/L	787820.143
	44	Ca	-55.542757	6.628	56808.966	ug/L	72922.037
>	45	Sc-1			461770.580	ug/L	480857.849
	51	V	0.110133	81.582	-2926.112	ug/L	-3998.332
	57	Fe	-0.926813	39.982	6078.530	ug/L	6512.532
	66	Zn	-0.086189	31.771	1085.052	ug/L	1229.399
>	72	Ge-1			554446.204	ug/L	583818.267
	75	As	0.052736	179.141	491.735	ug/L	441.880
	135	Ba	0.004611	53.753	116.335	ug/L	109.668
>	165	Ho-1			1262614.565	ug/L	1276414.382
	205	Tl	0.141654	55.704	9526.998	ug/L	6961.439
	208	Pb	-0.137993	0.948	3304.848	ug/L	6900.385
	238	U	0.006520	22.187	141.335	ug/L	47.334
>	45	Sc-2			461770.580	ug/L	480857.849
	54	Fe	3.738377	200.370	37468.715	ug/L	37101.824
	67	Zn	0.352301	395.116	19474.130	ug/L	20205.161
	137	Ba	0.000434	906.660	195.003	ug/L	196.003
>	165	Ho-2			1262614.565	ug/L	1276414.382
	203	Tl	0.137136	56.379	4021.617	ug/L	2942.667
	206	Pb	-0.130438	1.862	830.032	ug/L	1714.787
	207	Pb	-0.140709	2.825	746.027	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		0.864
	Mg	24		0.122
	Al	27		0.078
	K	39		-5.588
	Ca	44		-55.543
>	Sc-1	45	96.031	
	V	51		11.013
	Fe	57		-0.927
	Zn	66		-8.619
>	Ge-1	72	94.869	
	As	75		5.274
	Ba	135		0.461
>	Ho-1	165	98.919	
	Tl	205		14.165
	Pb	208		-13.799
	U	238		0.652
>	Sc-2	45	96.031	
	Fe	54		3.738
	Zn	67		35.230
	Ba	137		0.043
>	Ho-2	165	98.919	
	Tl	203		13.714
	Pb	206		-13.044
	Pb	207		-14.071

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HA
Sample Date/Time: Friday, May 25, 2007 15:36:45
Autosampler Position: 64
Dataset File: D:\Elandata\Dataset\052507M1\JW0HA.062

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	19639.182512	2.285	88023575.840	ug/L	14340.338
	24	Mg	3722.225073	0.655	12678608.196	ug/L	4546.769
	27	Al	1.393542	0.955	14500.501	ug/L	7803.209
	39	K	358.210328	2.215	3282720.949	ug/L	787820.143
	44	Ca	7194.658173	0.949	1827059.823	ug/L	72922.037
>	45	Sc-1			473610.860	ug/L	480857.849
	51	V	-2.924846	27.923	-28738.163	ug/L	-3998.332
	57	Fe	-17.673020	3.777	2986.087	ug/L	6512.532
	66	Zn	0.451811	11.397	1723.455	ug/L	1229.399
>	72	Ge-1			571270.350	ug/L	583818.267
	75	As	1.071207	28.773	1952.635	ug/L	441.860
	135	Ba	0.404971	7.295	824.699	ug/L	109.668
>	165	Ho-1			1302618.828	ug/L	1276414.382
	205	Tl	-0.093849	45.343	5311.391	ug/L	6961.439
	208	Pb	-0.140919	1.132	3332.517	ug/L	6900.385
	238	U	0.268981	2.823	4057.617	ug/L	47.334
>	45	Sc-2			473610.860	ug/L	480857.849
	54	Fe	13.624076	77.666	43352.249	ug/L	37101.824
	67	Zn	-0.504306	649.760	19795.912	ug/L	20205.161
	137	Ba	0.402601	2.542	1423.418	ug/L	196.003
>	165	Ho-2			1302618.828	ug/L	1276414.382
	203	Tl	-0.094098	43.222	2222.198	ug/L	2942.667
	206	Pb	-0.135094	2.783	824.699	ug/L	1714.787
	207	Pb	-0.141245	4.557	766.362	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.493	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.851	
	As	75		
	Ba	135		
>	Ho-1	165	102.053	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.493	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	102.053	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HC
Sample Date/Time: Friday, May 25, 2007 15:41:09
Autosampler Position: 65
Dataset File: D:\Elandata\Dataset\052507M1\JW0HC.063

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	20240.994127	1.710	89665231.550	ug/L	14340.338
	24	Mg	3935.162946	1.551	13248816.944	ug/L	4546.769
	27	Al	1.002668	3.490	12445.211	ug/L	7803.209
	39	K	375.581687	1.941	3364797.142	ug/L	787820.143
	44	Ca	7541.412789	0.699	1889707.577	ug/L	72922.037
>	45	Sc-1			468173.324	ug/L	480857.849
	51	V	-2.549725	34.202	-25233.787	ug/L	-3998.332
	57	Fe	-18.884369	4.470	2720.329	ug/L	6512.532
	66	Zn	0.453711	5.067	1705.786	ug/L	1229.399
>	72	Ge-1			561917.366	ug/L	583818.267
	75	As	0.930721	86.131	1727.215	ug/L	441.860
	135	Ba	0.418351	2.637	834.366	ug/L	109.668
>	165	Ho-1			1281667.092	ug/L	1276414.382
	205	Tl	-0.165511	22.387	3871.908	ug/L	6961.439
	208	Pb	-0.147644	0.628	3104.828	ug/L	6900.385
	238	U	0.292096	2.679	4331.033	ug/L	47.334
>	45	Sc-2			468173.324	ug/L	480857.849
	54	Fe	13.537193	87.893	42852.203	ug/L	37101.824
	67	Zn	-0.383649	292.979	19595.963	ug/L	20205.161
	137	Ba	0.422326	2.444	1459.756	ug/L	196.003
>	165	Ho-2			1281667.092	ug/L	1276414.382
	203	Tl	-0.165242	16.806	1802.774	ug/L	2942.667
	206	Pb	-0.135187	1.156	810.698	ug/L	1714.787
	207	Pb	-0.154628	1.095	677.690	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	97.362	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.249	
	As	75		
	Ba	135		
>	Ho-1	165	100.412	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	97.362	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	100.412	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HD
Sample Date/Time: Friday, May 25, 2007 15:45:34
Autosampler Position: 66
Dataset File: D:\Elandata\Dataset\052507M1\JW0HD.064

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	20631.226133	0.586	91548476.254	ug/L	14340.338
	24	Mg	4005.933687	0.774	13510608.282	ug/L	4546.769
	27	Al	0.803711	4.347	11501.077	ug/L	7803.209
	39	K	381.412983	1.146	3411191.991	ug/L	787820.143
	44	Ca	7637.950950	1.327	1916043.162	ug/L	72922.037
>	45	Sc-1			468949.229	ug/L	480857.849
	51	V	-3.668082	23.038	-34743.048	ug/L	-3998.332
	57	Fe	-18.173352	2.841	2861.204	ug/L	6512.532
	66	Zn	0.366286	15.865	1610.440	ug/L	1229.399
>	72	Ge-1			564121.900	ug/L	583818.267
	75	As	1.206236	4.891	2114.351	ug/L	441.860
	135	Ba	0.423274	8.488	844.033	ug/L	109.668
>	165	Ho-1			1283763.783	ug/L	1276414.382
	205	Tl	-0.188360	18.058	3449.461	ug/L	6961.439
	208	Pb	-0.152225	1.384	2991.151	ug/L	6900.385
	238	U	0.293308	1.403	4356.374	ug/L	47.334
>	45	Sc-2			468949.229	ug/L	480857.849
	54	Fe	15.055595	66.621	43613.709	ug/L	37101.824
	67	Zn	0.221868	1100.389	19745.836	ug/L	20205.161
	137	Ba	0.414188	2.202	1437.753	ug/L	196.003
>	165	Ho-2			1283763.783	ug/L	1276414.382
	203	Tl	-0.188441	14.594	1416.086	ug/L	2942.667
	206	Pb	-0.143924	4.728	753.027	ug/L	1714.787
	207	Pb	-0.154300	1.210	680.690	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	97.523	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.628	
	As	75		
	Ba	135		
>	Ho-1	165	100.576	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	97.523	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	100.576	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HE
Sample Date/Time: Friday, May 25, 2007 15:49:59
Autosampler Position: 67
Dataset File: D:\Elandata\Dataset\052507M1\JW0HE.065

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	24389.856646	2.018	110409454.188	ug/L	14340.338
	24	Mg	7486.115755	1.538	25752309.716	ug/L	4546.769
	27	Al	7.851316	0.897	46548.851	ug/L	7803.209
	39	K	651.203982	2.959	5386766.212	ug/L	787820.143
	44	Ca	11612.197775	1.308	2934242.656	ug/L	72922.037
>	45	Sc-1			478408.445	ug/L	480857.849
	51	V	1.616229	24.442	9859.370	ug/L	-3998.332
	57	Fe	-23.215233	1.716	1931.000	ug/L	6512.532
	66	Zn	0.544528	8.669	1847.138	ug/L	1229.399
>	72	Ge-1			566207.582	ug/L	583818.267
	75	As	7.603937	4.335	11102.135	ug/L	441.860
	135	Ba	1.380495	1.490	2525.248	ug/L	109.668
>	165	Ho-1			1294626.873	ug/L	1276414.382
	205	Tl	-0.208524	13.164	3090.371	ug/L	6961.439
	208	Pb	-0.147352	4.649	3143.165	ug/L	6900.385
	238	U	1.638014	0.783	24315.922	ug/L	47.334
>	45	Sc-2			478408.445	ug/L	480857.849
	54	Fe	13.123353	88.448	43554.669	ug/L	37101.824
	67	Zn	0.560089	250.614	20217.166	ug/L	20205.161
	137	Ba	1.368384	0.771	4332.033	ug/L	196.003
>	165	Ho-2			1294626.873	ug/L	1276414.382
	203	Tl	-0.203025	13.839	1305.741	ug/L	2942.667
	206	Pb	-0.133946	9.520	827.032	ug/L	1714.787
	207	Pb	-0.154409	3.389	685.690	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.491	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.984	
	As	75		
	Ba	135		
>	Ho-1	165	101.427	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.491	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.427	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HF
Sample Date/Time: Friday, May 25, 2007 15:54:24
Autosampler Position: 68
Dataset File: D:\Elandata\Dataset\052507M1\JW0HF.066

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	24197.380480	1.115	108739267.578	ug/L	14340.338
	24	Mg	7418.315421	1.833	25332983.446	ug/L	4546.769
	27	Al	0.673557	4.770	11009.017	ug/L	7803.209
	39	K	648.503625	1.922	5328499.643	ug/L	787820.143
	44	Ca	11448.940796	0.328	2872861.330	ug/L	72922.037
>	45	Sc-1			474900.254	ug/L	480857.849
	51	V	1.564042	16.791	9352.753	ug/L	-3998.332
	57	Fe	-26.869746	3.504	1206.264	ug/L	6512.532
	66	Zn	0.509842	5.433	1794.131	ug/L	1229.399
>	72	Ge-1			563968.318	ug/L	583818.267
	75	As	6.934203	8.934	10122.335	ug/L	441.860
	135	Ba	1.386541	2.046	2518.914	ug/L	109.668
>	165	Ho-1			1286075.907	ug/L	1276414.382
	205	Tl	-0.212864	12.768	2989.349	ug/L	6961.439
	208	Pb	-0.155210	3.583	2918.479	ug/L	6900.385
	238	U	1.544997	1.425	22784.717	ug/L	47.334
>	45	Sc-2			474900.254	ug/L	480857.849
	54	Fe	10.022128	129.784	41662.564	ug/L	37101.824
	67	Zn	0.322281	414.560	20019.886	ug/L	20205.161
	137	Ba	1.394580	0.868	4381.716	ug/L	196.003
>	165	Ho-2			1286075.907	ug/L	1276414.382
	203	Tl	-0.207301	13.440	1262.403	ug/L	2942.667
	206	Pb	-0.146922	6.510	734.026	ug/L	1714.787
	207	Pb	-0.159052	1.786	654.688	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.761	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.600	
	As	75		
	Ba	135		
>	Ho-1	165	100.757	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.761	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	100.757	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HJ
Sample Date/Time: Friday, May 25, 2007 15:58:50
Autosampler Position: 69
Dataset File: D:\Elandata\Dataset\052507M1\JW0HJ.067

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	24251.200914	0.912	108952120.412	ug/L	14340.338
	24	Mg	7354.964551	1.338	25109017.538	ug/L	4546.769
	27	Al	1.851806	4.780	16780.352	ug/L	7803.209
	39	K	653.028325	1.715	5358733.233	ug/L	787820.143
	44	Ca	11271.595111	1.927	2828586.480	ug/L	72922.037
>	45	Sc-1			474820.213	ug/L	480857.849
	51	V	0.851851	72.545	3244.621	ug/L	-3998.332
	57	Fe	-24.813761	7.506	1602.276	ug/L	6512.532
	66	Zn	0.455039	8.973	1731.789	ug/L	1229.399
>	72	Ge-1			567601.980	ug/L	583818.267
	75	As	6.854837	3.104	10075.994	ug/L	441.860
	135	Ba	1.353088	2.811	2482.241	ug/L	109.668
>	165	Ho-1			1297214.848	ug/L	1276414.382
	205	Tl	-0.218869	12.748	2898.662	ug/L	6961.439
	208	Pb	-0.157835	3.440	2874.474	ug/L	6900.385
	238	U	1.488255	1.684	22139.031	ug/L	47.334
>	45	Sc-2			474820.213	ug/L	480857.849
	54	Fe	11.622070	116.361	42430.027	ug/L	37101.824
	67	Zn	3.204975	54.104	20602.385	ug/L	20205.161
	137	Ba	1.343921	1.851	4267.013	ug/L	196.003
>	165	Ho-2			1297214.848	ug/L	1276414.382
	203	Tl	-0.208765	9.337	1261.069	ug/L	2942.667
	206	Pb	-0.149946	3.403	719.692	ug/L	1714.787
	207	Pb	-0.159013	3.412	660.355	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.744	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.222	
	As	75		
	Ba	135		
>	Ho-1	165	101.630	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.744	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.630	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HK
Sample Date/Time: Friday, May 25, 2007 16:03:17
Autosampler Position: 70
Dataset File: D:\Elandata\Dataset\052507M1\JW0HK.068

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	22982.712004	2.020	102150271.586	ug/L	14340.338
	24	Mg	188.031486	1.274	639420.013	ug/L	4546.769
	27	Al	5.659688	2.432	35072.356	ug/L	7803.209
	39	K	439.877663	2.151	3822288.570	ug/L	787820.143
	44	Ca	477.829560	1.945	186858.088	ug/L	72922.037
>	45	Sc-1			469739.768	ug/L	480857.849
	51	V	-0.567611	127.120	-8685.400	ug/L	-3998.332
	57	Fe	18.071508	7.249	9837.629	ug/L	6512.532
	66	Zn	0.523045	2.726	1789.463	ug/L	1229.399
>	72	Ge-1			567799.569	ug/L	583818.267
	75	As	6.704010	5.947	9872.013	ug/L	441.860
	135	Ba	0.217305	0.745	488.013	ug/L	109.668
>	165	Ho-1			1286200.797	ug/L	1276414.382
	205	Tl	-0.224110	12.234	2782.306	ug/L	6961.439
	208	Pb	-0.145877	0.534	3161.834	ug/L	6900.385
	238	U	0.415612	3.388	6163.391	ug/L	47.334
>	45	Sc-2			469739.768	ug/L	480857.849
	54	Fe	31.111632	32.651	51712.533	ug/L	37101.824
	67	Zn	2.585760	64.054	20260.897	ug/L	20205.161
	137	Ba	0.223110	5.057	866.702	ug/L	196.003
>	165	Ho-2			1286200.797	ug/L	1276414.382
	203	Tl	-0.218520	10.859	1172.394	ug/L	2942.667
	206	Pb	-0.132649	4.386	830.699	ug/L	1714.787
	207	Pb	-0.154554	4.707	680.690	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	97.688	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.256	
	As	75		
	Ba	135		
>	Ho-1	165	100.767	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	97.688	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	100.767	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte	Mass	Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HL
Sample Date/Time: Friday, May 25, 2007 16:07:40
Autosampler Position: 71
Dataset File: D:\Elandata\Dataset\052507M1\JW0HL.069

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	22784.935702	1.695	102031427.043	ug/L	14340.338
	24	Mg	182.792215	0.958	626410.759	ug/L	4546.769
	27	Al	0.648151	35.416	10848.590	ug/L	7803.209
	39	K	431.148760	0.970	3790392.112	ug/L	787820.143
	44	Ca	471.398099	0.776	186696.572	ug/L	72922.037
>	45	Sc-1			473285.003	ug/L	480857.849
	51	V	0.008061	3754.903	-3881.857	ug/L	-3998.332
	57	Fe	1.781693	32.583	6754.603	ug/L	6512.532
	66	Zn	0.423425	6.877	1689.784	ug/L	1229.399
>	72	Ge-1			570223.991	ug/L	583818.267
	75	As	6.470435	7.313	9583.400	ug/L	441.860
	135	Ba	0.167521	5.227	404.010	ug/L	109.668
>	165	Ho-1			1294289.417	ug/L	1276414.382
	205	Tl	-0.232301	10.709	2637.941	ug/L	6961.439
	208	Pb	-0.158357	2.977	2854.806	ug/L	6900.385
	238	U	0.412301	1.923	6154.387	ug/L	47.334
>	45	Sc-2			473285.003	ug/L	480857.849
	54	Fe	11.276544	73.898	42137.048	ug/L	37101.824
	67	Zn	3.314402	110.119	20556.325	ug/L	20205.161
	137	Ba	0.155353	8.398	667.689	ug/L	196.003
>	165	Ho-2			1294289.417	ug/L	1276414.382
	203	Tl	-0.229864	8.346	1084.053	ug/L	2942.667
	206	Pb	-0.151054	1.902	710.691	ug/L	1714.787
	207	Pb	-0.161364	3.231	645.354	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.425	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.671	
	As	75		
	Ba	135		
>	Ho-1	165	101.400	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.425	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.400	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HN
Sample Date/Time: Friday, May 25, 2007 16:12:00
Autosampler Position: 72
Dataset File: D:\Elandata\Dataset\052507M1\JW0HN.070

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	23698.339019	1.126	105177215.416	ug/L	14340.338
	24	Mg	193.279428	2.041	656128.035	ug/L	4546.769
	27	Al	3.876075	3.828	26380.605	ug/L	7803.209
	39	K	447.947372	4.410	3872133.249	ug/L	787820.143
	44	Ca	493.753102	2.464	190419.309	ug/L	72922.037
>	45	Sc-1			469055.844	ug/L	480857.849
	51	V	-0.282004	263.965	-6298.270	ug/L	-3998.332
	57	Fe	6.922439	12.935	7681.331	ug/L	6512.532
	66	Zn	0.452497	13.080	1707.119	ug/L	1229.399
>	72	Ge-1			567728.353	ug/L	583818.267
	75	As	6.987627	2.578	10265.554	ug/L	441.860
	135	Ba	0.213275	8.470	476.346	ug/L	109.668
>	165	Ho-1			1273958.134	ug/L	1276414.382
	205	Tl	-0.236122	10.536	2527.254	ug/L	6961.439
	208	Pb	-0.149186	1.860	3046.822	ug/L	6900.385
	238	U	0.438874	2.575	6444.852	ug/L	47.334
>	45	Sc-2			469055.844	ug/L	480857.849
	54	Fe	17.493636	47.426	44886.938	ug/L	37101.824
	67	Zn	3.405497	72.436	20396.094	ug/L	20205.161
	137	Ba	0.206623	5.538	809.698	ug/L	196.003
>	165	Ho-2			1273958.134	ug/L	1276414.382
	203	Tl	-0.232087	10.389	1049.717	ug/L	2942.667
	206	Pb	-0.138458	2.200	784.029	ug/L	1714.787
	207	Pb	-0.151563	0.523	691.024	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	97.546	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.244	
	As	75		
	Ba	135		
>	Ho-1	165	99.808	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	97.546	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	99.808	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW0HP
Sample Date/Time: Friday, May 25, 2007 16:16:20
Autosampler Position: 73
Dataset File: D:\Elandata\Dataset\052507M1\JW0HP.071

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	1646.568609	1.295	7609261.128	ug/L	14340.338
	24	Mg	184.590106	2.206	651521.476	ug/L	4546.769
	27	Al	49.779702	0.845	258480.609	ug/L	7803.209
	39	K	513.731462	1.237	4498860.807	ug/L	787820.143
	44	Ca	732.471230	0.843	257850.467	ug/L	72922.037
>	45	Sc-1			487476.532	ug/L	480857.849
	51	V	-0.940599	15.909	-12266.877	ug/L	-3998.332
	57	Fe	40.543421	2.084	14697.216	ug/L	6512.532
	66	Zn	82.165015	1.434	97176.440	ug/L	1229.399
>	72	Ge-1			575708.738	ug/L	583818.267
	75	As	-0.247233	75.975	81.636	ug/L	441.860
	135	Ba	3.576693	2.575	6373.485	ug/L	109.668
>	165	Ho-1			1296491.687	ug/L	1276414.382
	205	Tl	-0.190869	15.926	3433.121	ug/L	6961.439
	208	Pb	0.607004	3.738	22906.711	ug/L	6900.385
	238	U	0.014349	3.817	261.005	ug/L	47.334
>	45	Sc-2			487476.532	ug/L	480857.849
	54	Fe	118.047403	6.200	98461.145	ug/L	37101.824
	67	Zn	107.874235	2.854	43079.634	ug/L	20205.161
	137	Ba	3.535308	1.478	10892.594	ug/L	196.003
>	165	Ho-2			1296491.687	ug/L	1276414.382
	203	Tl	-0.186857	13.772	1442.088	ug/L	2942.667
	206	Pb	0.599051	2.382	5824.912	ug/L	1714.787
	207	Pb	0.599492	5.556	5043.941	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	101.376	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	98.611	
	As	75		
	Ba	135		
>	Ho-1	165	101.573	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	101.376	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.573	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 6
Sample Date/Time: Friday, May 25, 2007 16:20:44
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 6.072

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	2071.790976	2.106	9403837.463	ug/L	14340.338
	24	Mg	1025.337190	2.096	3535608.843	ug/L	4546.769
	27	Al	1969.042530	2.055	9747013.109	ug/L	7803.209
	39	K	1945.646900	2.375	14554753.941	ug/L	787820.143
	44	Ca	1055.755838	1.231	333177.155	ug/L	72922.037
>	45	Sc-1			479065.510	ug/L	480857.849
	51	V	191.421236	2.445	1637598.078	ug/L	-3998.332
	57	Fe	2126.933132	1.352	423751.154	ug/L	6512.532
	66	Zn	194.097300	1.815	223903.357	ug/L	1229.399
>	72	Ge-1			566669.917	ug/L	583818.267
	75	As	197.485074	2.381	277880.003	ug/L	441.860
	135	Ba	191.132596	0.846	336293.213	ug/L	109.668
>	165	Ho-1			1302220.922	ug/L	1276414.382
	205	Tl	187.133316	2.592	3588425.967	ug/L	6961.439
	208	Pb	196.105538	1.094	5167234.843	ug/L	6900.385
	238	U	207.194790	1.980	3087452.644	ug/L	47.334
>	45	Sc-2			479065.510	ug/L	480857.849
	54	Fe	2112.122823	0.250	1107156.603	ug/L	37101.824
	67	Zn	187.559275	1.358	58738.434	ug/L	20205.161
	137	Ba	190.695777	0.765	579546.889	ug/L	196.003
>	165	Ho-2			1302220.922	ug/L	1276414.382
	203	Tl	187.081419	2.308	1558033.440	ug/L	2942.667
	206	Pb	202.474004	0.950	1388136.946	ug/L	1714.787
	207	Pb	194.366475	1.873	1130263.933	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		103.590
	Mg	24		102.534
	Al	27		98.452
	K	39		97.282
	Ca	44		105.576
>	Sc-1	45	99.627	
	V	51		95.711
	Fe	57		106.347
	Zn	66		97.049
>	Ge-1	72	97.063	
	As	75		98.743
	Ba	135		95.566
>	Ho-1	165	102.022	
	Tl	205		93.567
	Pb	208		98.053
	U	238		103.597
>	Sc-2	45	99.627	
	Fe	54		105.606
	Zn	67		93.780
	Ba	137		95.348
>	Ho-2	165	102.022	
	Tl	203		93.541
	Pb	206		101.237
	Pb	207		97.183

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 7
Sample Date/Time: Friday, May 25, 2007 16:25:38
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 7.073

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	0.817302	13.577	17555.959	ug/L	14340.338
	24	Mg	0.169341	22.617	4989.588	ug/L	4546.769
	27	Al	0.069702	40.499	7922.942	ug/L	7803.209
	39	K	-6.685224	8.873	719838.412	ug/L	787820.143
	44	Ca	-58.822733	3.657	56732.661	ug/L	72922.037
>	45	Sc-1			467540.171	ug/L	480857.849
	51	V	0.577556	88.879	938.360	ug/L	-3998.332
	57	Fe	-0.541560	35.802	6228.337	ug/L	6512.532
	66	Zn	-0.121054	16.185	1059.717	ug/L	1229.399
>	72	Ge-1			560267.785	ug/L	583818.267
	75	As	0.163284	304.949	649.273	ug/L	441.860
	135	Ba	0.024037	8.618	150.669	ug/L	109.668
>	165	Ho-1			1272560.626	ug/L	1276414.382
	205	Tl	0.126392	80.577	9292.524	ug/L	6961.439
	208	Pb	-0.146489	4.782	3111.495	ug/L	6900.385
	238	U	0.009289	16.403	182.336	ug/L	47.334
>	45	Sc-2			467540.171	ug/L	480857.849
	54	Fe	3.598890	257.953	37831.061	ug/L	37101.824
	67	Zn	2.114692	170.866	20066.625	ug/L	20205.161
	137	Ba	0.003050	230.134	204.337	ug/L	196.003
>	165	Ho-2			1272560.626	ug/L	1276414.382
	203	Tl	0.131439	68.918	3996.944	ug/L	2942.667
	206	Pb	-0.134593	5.037	808.698	ug/L	1714.787
	207	Pb	-0.151626	4.673	689.690	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		0.817
	Mg	24		0.169
	Al	27		0.070
	K	39		-6.685
	Ca	44		-58.823
>	Sc-1	45	97.230	
	V	51		57.756
	Fe	57		-0.542
	Zn	66		-12.105
>	Ge-1	72	95.966	
	As	75		16.328
	Ba	135		2.404
>	Ho-1	165	99.698	
	Tl	205		12.639
	Pb	208		-14.649
	U	238		0.929
>	Sc-2	45	97.230	
	Fe	54		3.599
	Zn	67		211.469
	Ba	137		0.305
>	Ho-2	165	99.698	
	Tl	203		13.144
	Pb	206		-13.459
	Pb	207		-15.163

QC Out Of Limits

Analyte	Mass	Out of Limits Message
Zn	67	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW3MLB
Sample Date/Time: Friday, May 25, 2007 16:30:30
Autosampler Position: 74
Dataset File: D:\Elandata\Dataset\052507M1\JW3MLB.074

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	4.418863	5.283	34300.486	ug/L	14340.338
	24	Mg	-0.045161	84.019	4372.380	ug/L	4546.769
	27	Al	0.978016	2.907	12608.021	ug/L	7803.209
	39	K	-5.528153	8.837	745562.464	ug/L	787820.143
	44	Ca	-43.582058	3.469	61878.015	ug/L	72922.037
>	45	Sc-1			478932.882	ug/L	480857.849
	51	V	-1.975404	28.814	-20933.636	ug/L	-3998.332
	57	Fe	1.348562	35.082	6751.051	ug/L	6512.532
	66	Zn	1.040374	2.238	2417.895	ug/L	1229.399
>	72	Ge-1			565687.342	ug/L	583818.267
	75	As	-0.689865	30.979	-541.508	ug/L	441.860
	135	Ba	0.110508	2.514	304.340	ug/L	109.668
>	165	Ho-1			1294133.494	ug/L	1276414.382
	205	Tl	-0.002215	3190.258	7022.842	ug/L	6961.439
	208	Pb	-0.112871	1.777	4044.261	ug/L	6900.365
	238	U	0.000898	64.486	61.334	ug/L	47.334
>	45	Sc-2			478932.882	ug/L	480857.849
	54	Fe	70.848067	9.166	72826.240	ug/L	37101.824
	67	Zn	46.557158	8.048	29709.849	ug/L	20205.161
	137	Ba	0.101246	5.124	504.347	ug/L	196.003
>	165	Ho-2			1294133.494	ug/L	1276414.382
	203	Tl	-0.005712	1261.083	2939.341	ug/L	2942.667
	206	Pb	-0.103634	2.215	1033.381	ug/L	1714.787
	207	Pb	-0.114638	4.593	915.038	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.600	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.894	
	As	75		
	Ba	135		
>	Ho-1	165	101.388	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.600	
	Fe	54		
	Zn	67	-	
	Ba	137		
>	Ho-2	165	101.388	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JW3MLC
Sample Date/Time: Friday, May 25, 2007 16:34:51
Autosampler Position: 75
Dataset File: D:\Elandata\Dataset\052507M1\JW3MLC.075

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	10270.773288	2.252	48063483.705	ug/L	14340.338
	24	Mg	10035.935712	2.688	35680430.152	ug/L	4546.769
	27	Al	492.615204	3.603	2523131.534	ug/L	7803.209
	39	K	9671.100126	3.040	71462627.130	ug/L	787820.143
	44	Ca	9871.579477	3.446	2589370.125	ug/L	72922.037
>	45	Sc-1			494453.581	ug/L	480857.849
	51	V	467.407883	2.778	4133537.995	ug/L	-3998.332
	57	Fe	489.959847	0.344	105911.571	ug/L	6512.532
	66	Zn	428.412722	1.045	508595.756	ug/L	1229.399
>	72	Ge-1			564908.172	ug/L	583818.267
	75	As	494.948253	0.832	693729.668	ug/L	441.860
	135	Ba	465.798918	3.251	819309.403	ug/L	109.668
>	165	Ho-1			1302198.602	ug/L	1276414.382
	205	Tl	484.269145	3.038	9275241.499	ug/L	6961.439
	208	Pb	489.637330	2.099	12891174.688	ug/L	6900.385
	238	U	1052.819388	0.977	15688504.537	ug/L	47.334
>	45	Sc-2			494453.581	ug/L	480857.849
	54	Fe	602.456176	1.058	353215.304	ug/L	37101.824
	67	Zn	462.566986	2.548	119057.390	ug/L	20205.161
	137	Ba	459.675942	1.911	1396658.388	ug/L	196.003
>	165	Ho-2			1302198.602	ug/L	1276414.382
	203	Tl	462.272650	3.381	3845364.850	ug/L	2942.667
	206	Pb	478.530920	2.094	3278356.625	ug/L	1714.787
	207	Pb	481.432458	1.985	2797417.977	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	102.827	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.761	
	As	75		
	Ba	135		
>	Ho-1	165	102.020	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	102.827	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	102.020	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRGX
Sample Date/Time: Friday, May 25, 2007 16:39:12
Autosampler Position: 76
Dataset File: D:\Elandata\Dataset\052507M1\JWRGX.076

Sample Result Summary

Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
23	Na	23592.376911	0.725	107390515.431	ug/L	14340.338
24	Mg	4245.830738	0.615	14688334.951	ug/L	4546.769
27	Al	1.645871	1.048	15981.427	ug/L	7803.209
39	K	491.623839	0.997	4282257.753	ug/L	787820.143
44	Ca	8634.760532	1.142	2212653.616	ug/L	72922.037
> 45	Sc-1			481046.546	ug/L	480857.849
51	V	5.600325	5.267	44226.916	ug/L	-3998.332
57	Fe	-21.878250	6.472	2204.378	ug/L	6512.532
66	Zn	1.843841	1.712	3354.094	ug/L	1229.399
> 72	Ge-1			568119.280	ug/L	583818.267
75	As	6.852788	5.770	10083.085	ug/L	441.860
135	Ba	0.859903	4.592	1614.107	ug/L	109.668
> 165	Ho-1			1294260.791	ug/L	1276414.382
205	Tl	0.484014	51.954	16259.942	ug/L	6961.439
208	Pb	-0.121456	5.053	3819.903	ug/L	6900.385
238	U	2.295497	1.394	34044.191	ug/L	47.334
> 45	Sc-2			481046.546	ug/L	480857.849
54	Fe	8.214533	108.851	41294.556	ug/L	37101.824
67	Zn	4.537214	63.504	21150.531	ug/L	20205.161
137	Ba	0.855099	3.106	2780.298	ug/L	196.003
> 165	Ho-2			1294260.791	ug/L	1276414.382
203	Tl	0.447603	49.421	6679.372	ug/L	2942.667
206	Pb	-0.112684	6.905	971.709	ug/L	1714.787
207	Pb	-0.124799	3.925	856.368	ug/L	1555.100

Internal Standard And QC Recoveries

Analyte	Mass	Int Std % Recovery	QC Std % Recovery
Na	23		
Mg	24		
Al	27		
K	39		
Ca	44		
> Sc-1	45	100.039	
V	51		
Fe	57		
Zn	66		
> Ge-1	72	97.311	
As	75		
Ba	135		
> Ho-1	165	101.398	
Tl	205		
Pb	208		
U	238		
> Sc-2	45	100.039	
Fe	54		
Zn	67		
Ba	137		
> Ho-2	165	101.398	
Tl	203		
Pb	206		
Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRGXS
Sample Date/Time: Friday, May 25, 2007 16:43:34
Autosampler Position: 77
Dataset File: D:\Elandata\Dataset\052507M1\JWRGXS.077

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	24455.929031	1.325	111889982.150	ug/L	14340.338
	24	Mg	5250.698155	1.359	18256125.034	ug/L	4546.769
	27	Al	50.157189	1.012	258249.097	ug/L	7803.209
	39	K	1690.549980	1.775	12869656.312	ug/L	787820.143
	44	Ca	9595.260581	1.690	2463353.253	ug/L	72922.037
>	45	Sc-1			483494.154	ug/L	480857.849
	51	V	16.795559	0.306	141363.082	ug/L	-3998.332
	57	Fe	-0.193563	823.406	6508.166	ug/L	6512.532
	66	Zn	12.305866	1.081	15486.546	ug/L	1229.399
>	72	Ge-1			568629.837	ug/L	583818.267
	75	As	57.650502	1.689	81714.766	ug/L	441.860
	135	Ba	46.042199	1.680	82211.715	ug/L	109.668
>	165	Ho-1			1320195.872	ug/L	1276414.382
	205	Tl	46.793247	3.515	915141.377	ug/L	6961.439
	208	Pb	12.088167	1.249	329608.615	ug/L	6900.385
	238	U	54.565383	1.127	824392.788	ug/L	47.334
>	45	Sc-2			483494.154	ug/L	480857.849
	54	Fe	33.306142	31.514	54310.589	ug/L	37101.824
	67	Zn	13.835282	24.062	23186.372	ug/L	20205.161
	137	Ba	46.372863	1.008	143029.555	ug/L	196.003
>	165	Ho-2			1320195.872	ug/L	1276414.382
	203	Tl	46.893160	3.069	398237.824	ug/L	2942.667
	206	Pb	11.959648	1.472	84796.129	ug/L	1714.787
	207	Pb	11.914716	1.696	71752.813	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	100.548	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.398	
	As	75		
	Ba	135		
>	Ho-1	165	103.430	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	100.548	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	103.430	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRGXD
Sample Date/Time: Friday, May 25, 2007 16:47:56
Autosampler Position: 78
Dataset File: D:\Elandata\Dataset\052507M1\JWRGXD.078

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	24845.463494	2.210	114114160.853	ug/L	14340.338
	24	Mg	5443.996552	2.206	19002017.436	ug/L	4546.769
	27	Al	53.485729	1.129	275953.697	ug/L	7803.209
	39	K	1716.615771	1.436	13105911.819	ug/L	787820.143
	44	Ca	9748.700034	0.464	2511260.528	ug/L	72922.037
>	45	Sc-1			485407.198	ug/L	480857.849
	51	V	17.076406	3.709	144375.220	ug/L	-3998.332
	57	Fe	2.184521	56.210	7008.299	ug/L	6512.532
	66	Zn	12.294867	2.015	15533.597	ug/L	1229.399
>	72	Ge-1			572415.129	ug/L	583818.267
	75	As	58.788583	1.106	83878.000	ug/L	441.860
	135	Ba	47.915969	0.818	84960.084	ug/L	109.668
>	165	Ho-1			1310955.811	ug/L	1276414.382
	205	Tl	48.533580	2.049	942245.355	ug/L	6961.439
	208	Pb	12.541814	0.536	339329.488	ug/L	6900.385
	238	U	55.609859	0.627	834304.624	ug/L	47.334
>	45	Sc-2			485407.198	ug/L	480857.849
	54	Fe	35.537281	28.569	55692.627	ug/L	37101.824
	67	Zn	13.002818	11.301	23108.241	ug/L	20205.161
	137	Ba	48.127918	0.216	147400.003	ug/L	196.003
>	165	Ho-2			1310955.811	ug/L	1276414.382
	203	Tl	47.982786	2.844	404547.122	ug/L	2942.667
	206	Pb	12.312613	1.251	86634.779	ug/L	1714.787
	207	Pb	12.412362	1.878	74160.092	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	100.946	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	98.047	
	As	75		
	Ba	135		
>	Ho-1	165	102.706	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	100.946	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	102.706	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRGXV
Sample Date/Time: Friday, May 25, 2007 16:52:19
Autosampler Position: 79
Dataset File: D:\Elandata\Dataset\052507M1\JWRGXV.079

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	5012.624980	0.793	22471676.308	ug/L	14340.338
	24	Mg	907.684492	1.996	3094727.934	ug/L	4546.769
	27	Al	0.639363	5.550	10809.863	ug/L	7803.209
	39	K	100.005011	1.731	1475523.883	ug/L	787820.143
	44	Ca	1864.553437	1.504	526608.986	ug/L	72922.037
>	45	Sc-1			473526.223	ug/L	480857.849
	51	V	0.985809	14.966	4419.066	ug/L	-3998.332
	57	Fe	-5.912777	3.943	5266.758	ug/L	6512.532
	66	Zn	0.510512	6.307	1789.463	ug/L	1229.399
>	72	Ge-1			567045.572	ug/L	583818.267
	75	As	1.035510	37.200	1881.441	ug/L	441.860
	135	Ba	0.193458	7.591	450.345	ug/L	109.668
>	165	Ho-1			1296709.367	ug/L	1276414.382
	205	Tl	0.036832	206.670	7777.579	ug/L	6961.439
	208	Pb	-0.148252	1.987	3125.497	ug/L	6900.385
	238	U	0.459997	0.006	6874.056	ug/L	47.334
>	45	Sc-2			473526.223	ug/L	480857.849
	54	Fe	6.845559	182.611	39936.301	ug/L	37101.824
	67	Zn	0.660016	364.249	20029.569	ug/L	20205.161
	137	Ba	0.178669	4.966	739.693	ug/L	196.003
>	165	Ho-2			1296709.367	ug/L	1276414.382
	203	Tl	0.035564	202.402	3285.086	ug/L	2942.667
	206	Pb	-0.138693	0.891	796.363	ug/L	1714.787
	207	Pb	-0.152478	6.074	698.024	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.475	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.127	
	As	75		
	Ba	135		
>	Ho-1	165	101.590	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.475	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.590	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRG3
Sample Date/Time: Friday, May 25, 2007 16:56:43
Autosampler Position: 80
Dataset File: D:\Elandata\Dataset\052507M1\JWRG3.080

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	24204.015478	0.925	109860593.552	ug/L	14340.338
	24	Mg	4338.354857	1.043	14965503.156	ug/L	4546.769
	27	Al	1.089085	3.270	13178.542	ug/L	7803.209
	39	K	498.549813	1.145	4319200.727	ug/L	787820.143
	44	Ca	8799.832407	1.252	2247136.713	ug/L	72922.037
>	45	Sc-1			479679.664	ug/L	480857.849
	51	V	5.330184	1.212	41786.655	ug/L	-3998.332
	57	Fe	-21.596441	5.109	2253.923	ug/L	6512.532
	66	Zn	0.513666	5.620	1816.467	ug/L	1229.399
>	72	Ge-1			567800.126	ug/L	583818.267
	75	As	7.112249	3.208	10442.260	ug/L	441.860
	135	Ba	0.894514	3.463	1685.450	ug/L	109.668
>	165	Ho-1			1302429.964	ug/L	1276414.382
	205	Tl	-0.132312	35.531	4571.129	ug/L	6961.439
	208	Pb	-0.158117	2.201	2879.808	ug/L	6900.385
	238	U	2.203665	1.599	32894.500	ug/L	47.334
>	45	Sc-2			479679.664	ug/L	480857.849
	54	Fe	9.594360	111.306	41883.879	ug/L	37101.824
	67	Zn	2.164595	54.573	20602.052	ug/L	20205.161
	137	Ba	0.863612	1.818	2824.307	ug/L	196.003
>	165	Ho-2			1302429.964	ug/L	1276414.382
	203	Tl	-0.133418	29.314	1893.814	ug/L	2942.667
	206	Pb	-0.148811	3.803	730.693	ug/L	1714.787
	207	Pb	-0.161861	1.066	646.688	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.755	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.256	
	As	75		
	Ba	135		
>	Ho-1	165	102.038	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.755	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	102.038	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRG3S
Sample Date/Time: Friday, May 25, 2007 17:01:07
Autosampler Position: 81
Dataset File: D:\Elandata\Dataset\052507M1\JWRG3S.081

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	25419.685686	2.109	115027765.450	ug/L	14340.338
	24	Mg	5527.428287	2.452	19008233.321	ug/L	4546.769
	27	Al	52.988606	1.187	269415.078	ug/L	7803.209
	39	K	1733.210575	2.268	13029597.754	ug/L	787820.143
	44	Ca	9867.806672	0.953	2503388.890	ug/L	72922.037
>	45	Sc-1			478207.931	ug/L	480857.849
	51	V	17.055955	5.504	142054.698	ug/L	-3998.332
	57	Fe	2.895284	21.873	7043.637	ug/L	6512.532
	66	Zn	12.257902	1.397	15261.301	ug/L	1229.399
>	72	Ge-1			569922.325	ug/L	583818.267
	75	As	57.985156	0.164	82376.107	ug/L	441.860
	135	Ba	48.199802	1.054	84624.094	ug/L	109.668
>	165	Ho-1			1298112.481	ug/L	1276414.382
	205	Tl	49.298099	3.549	947667.331	ug/L	6961.439
	208	Pb	12.732845	0.740	341017.075	ug/L	6900.385
	238	U	56.224041	0.815	835258.236	ug/L	47.334
>	45	Sc-2			478207.931	ug/L	480857.849
	54	Fe	36.895492	35.217	55550.525	ug/L	37101.824
	67	Zn	15.632851	18.139	23304.899	ug/L	20205.161
	137	Ba	48.712806	1.465	147722.705	ug/L	196.003
>	165	Ho-2			1298112.481	ug/L	1276414.382
	203	Tl	48.719774	3.022	406721.471	ug/L	2942.667
	206	Pb	12.623905	1.532	87911.911	ug/L	1714.787
	207	Pb	12.564475	0.290	74318.224	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.449	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.620	
	As	75		
	Ba	135		
>	Ho-1	165	101.700	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.449	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.700	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRG3D
Sample Date/Time: Friday, May 25, 2007 17:05:31
Autosampler Position: 82
Dataset File: D:\Elandata\Dataset\052507M1\JWRG3D.082

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	25206.959954	1.568	114884700.430	ug/L	14340.338
	24	Mg	5499.895477	1.676	19049298.357	ug/L	4546.769
	27	Al	52.247122	0.884	267664.364	ug/L	7803.209
	39	K	1724.436686	2.627	13060633.822	ug/L	787820.143
	44	Ca	9744.854192	2.235	2490874.896	ug/L	72922.037
>	45	Sc-1			481658.293	ug/L	480857.849
	51	V	17.554879	0.806	147376.451	ug/L	-3998.332
	57	Fe	1.018232	70.409	6724.362	ug/L	6512.532
	66	Zn	12.316844	1.792	15439.828	ug/L	1229.399
>	72	Ge-1			570914.904	ug/L	583818.267
	75	As	57.893718	1.530	82387.213	ug/L	441.860
	135	Ba	48.722914	1.806	85492.248	ug/L	109.668
>	165	Ho-1			1297497.018	ug/L	1276414.382
	205	Tl	49.011655	3.649	941520.476	ug/L	6961.439
	208	Pb	12.681035	1.987	339459.894	ug/L	6900.385
	238	U	57.533305	1.129	854252.042	ug/L	47.334
>	45	Sc-2			481658.293	ug/L	480857.849
	54	Fe	36.198056	33.233	55606.612	ug/L	37101.824
	67	Zn	13.942648	11.846	23124.602	ug/L	20205.161
	137	Ba	48.644888	1.626	147437.407	ug/L	196.003
>	165	Ho-2			1297497.018	ug/L	1276414.382
	203	Tl	47.964446	4.105	400163.386	ug/L	2942.667
	206	Pb	12.439364	1.770	86603.252	ug/L	1714.787
	207	Pb	12.466354	1.212	73709.742	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	100.166	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.790	
	As	75		
	Ba	135		
>	Ho-1	165	101.652	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	100.166	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.652	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRG5
Sample Date/Time: Friday, May 25, 2007 17:09:56
Autosampler Position: 83
Dataset File: D:\Elandata\Dataset\052507M1\JWRG5.083

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	24498.370154	1.067	111792073.951	ug/L	14340.338
	24	Mg	4395.505691	1.730	15243939.486	ug/L	4546.769
	27	Al	1.604451	2.196	15814.574	ug/L	7803.209
	39	K	492.553409	0.725	4299585.501	ug/L	787820.143
	44	Ca	8857.391089	0.558	2273453.088	ug/L	72922.037
>	45	Sc-1			482238.773	ug/L	480857.849
	51	V	4.995528	20.265	39137.652	ug/L	-3998.332
	57	Fe	-21.127232	1.710	2358.706	ug/L	6512.532
	66	Zn	0.634580	3.127	1965.822	ug/L	1229.399
>	72	Ge-1			566254.502	ug/L	583818.267
	75	As	7.183674	4.494	10515.398	ug/L	441.860
	135	Ba	0.846927	0.905	1601.106	ug/L	109.668
>	165	Ho-1			1301802.893	ug/L	1276414.382
	205	Tl	-0.011449	610.642	6878.098	ug/L	6961.439
	208	Pb	-0.158999	1.601	2854.806	ug/L	6900.385
	238	U	2.237374	0.907	33379.956	ug/L	47.334
>	45	Sc-2			482238.773	ug/L	480857.849
	54	Fe	9.945731	124.289	42266.969	ug/L	37101.824
	67	Zn	1.886441	106.624	20653.128	ug/L	20205.161
	137	Ba	0.861792	1.437	2817.306	ug/L	196.003
>	165	Ho-2			1301802.893	ug/L	1276414.382
	203	Tl	-0.014722	464.975	2877.659	ug/L	2942.667
	206	Pb	-0.151665	0.940	710.691	ug/L	1714.787
	207	Pb	-0.160144	1.607	656.355	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	100.287	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.992	
	As	75		
	Ba	135		
>	Ho-1	165	101.989	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	100.287	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.989	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 6
Sample Date/Time: Friday, May 25, 2007 17:14:22
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 6.084

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	2074.791573	2.436	9376958.250	ug/L	14340.338
	24	Mg	1026.991176	3.051	3526000.900	ug/L	4546.769
	27	Al	1969.181261	2.288	9705903.473	ug/L	7803.209
	39	K	1954.020503	2.496	14551084.876	ug/L	787820.143
	44	Ca	1060.774081	1.740	332978.995	ug/L	72922.037
>	45	Sc-1			477030.409	ug/L	480857.849
	51	V	192.164422	1.299	1637066.327	ug/L	-3998.332
	57	Fe	2138.623243	0.626	424259.567	ug/L	6512.532
	66	Zn	195.576870	2.702	224618.293	ug/L	1229.399
>	72	Ge-1			560059.159	ug/L	583818.267
	75	As	200.717906	0.933	279153.180	ug/L	441.860
	135	Ba	190.278303	1.829	334629.413	ug/L	109.668
>	165	Ho-1			1301673.703	ug/L	1276414.382
	205	Tl	190.247393	1.787	3646984.304	ug/L	6961.439
	208	Pb	199.549824	0.524	5255742.716	ug/L	6900.385
	238	U	205.620716	2.603	3063030.272	ug/L	47.334
>	45	Sc-2			477030.409	ug/L	480857.849
	54	Fe	2089.845227	0.611	1091185.420	ug/L	37101.824
	67	Zn	189.518790	2.259	58885.368	ug/L	20205.161
	137	Ba	191.580783	1.261	581969.288	ug/L	196.003
>	165	Ho-2			1301673.703	ug/L	1276414.382
	203	Tl	190.024443	1.623	1581981.979	ug/L	2942.667
	206	Pb	204.302820	0.213	1400110.961	ug/L	1714.787
	207	Pb	198.251138	1.126	1152353.283	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		103.740
	Mg	24		102.899
	Al	27		98.459
	K	39		97.701
	Ca	44		106.077
>	Sc-1	45	99.204	
	V	51		96.082
	Fe	57		106.931
	Zn	66		97.788
>	Ge-1	72	95.930	
	As	75		100.359
	Ba	135		95.139
>	Ho-1	165	101.979	
	Tl	205		95.124
	Pb	208		99.775
	U	238		102.810
>	Sc-2	45	99.204	
	Fe	54		104.492
	Zn	67		94.759
	Ba	137		95.790
>	Ho-2	165	101.979	
	Tl	203		95.012
	Pb	206		102.151
	Pb	207		99.126

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 7
Sample Date/Time: Friday, May 25, 2007 17:19:17
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 7.085

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	1.205440	5.893	19003.822	ug/L	14340.338
	24	Mg	0.100267	23.436	4691.150	ug/L	4546.769
	27	Al	-0.009769	155.669	7434.675	ug/L	7803.209
	39	K	-7.810835	1.857	702106.989	ug/L	787820.143
	44	Ca	-60.153246	3.841	55622.631	ug/L	72922.037
>	45	Sc-1			461011.409	ug/L	480857.849
	51	V	0.063308	392.324	-3294.087	ug/L	-3998.332
	57	Fe	0.183755	978.117	6280.406	ug/L	6512.532
	66	Zn	-0.104830	15.109	1063.050	ug/L	1229.399
>	72	Ge-1			555054.347	ug/L	583818.267
	75	As	0.261391	176.777	779.218	ug/L	441.860
	135	Ba	0.006820	189.570	123.002	ug/L	109.668
>	165	Ho-1			1294009.439	ug/L	1276414.382
	205	Tl	0.120496	66.171	9353.544	ug/L	6961.439
	208	Pb	-0.156538	2.221	2902.478	ug/L	6900.385
	238	U	0.004910	23.646	120.668	ug/L	47.334
>	45	Sc-2			461011.409	ug/L	480857.849
	54	Fe	0.505026	1498.932	35787.299	ug/L	37101.824
	67	Zn	1.681629	227.951	19698.107	ug/L	20205.161
	137	Ba	-0.007756	67.765	175.336	ug/L	196.003
>	165	Ho-2			1294009.439	ug/L	1276414.382
	203	Tl	0.113912	62.315	3925.920	ug/L	2942.667
	206	Pb	-0.148414	3.757	728.693	ug/L	1714.787
	207	Pb	-0.162642	2.184	638.021	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		1.205
	Mg	24		0.100
	Al	27		-0.010
	K	39		-7.811
	Ca	44		-60.153
>	Sc-1	45	95.873	
	V	51		6.331
	Fe	57		0.184
	Zn	66		-10.483
>	Ge-1	72	95.073	
	As	75		26.139
	Ba	135		0.682
>	Ho-1	165	101.378	
	Tl	205		12.050
	Pb	208		-15.654
	U	238		0.491
>	Sc-2	45	95.873	
	Fe	54		0.505
	Zn	67		168.163
	Ba	137		-0.776
>	Ho-2	165	101.378	
	Tl	203		11.391
	Pb	206		-14.841
	Pb	207		-16.264

QC Out Of Limits

Analyte	Mass	Out of Limits Message
Zn	67	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRG7
Sample Date/Time: Friday, May 25, 2007 17:36:08
Autosampler Position: 84
Dataset File: D:\Elandata\Dataset\052507M1\JWRG7.086

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	18694.889286	1.723	84047722.990	ug/L	14340.338
	24	Mg	8705.750929	2.322	29740455.120	ug/L	4546.769
	27	Al	0.812379	3.088	11694.568	ug/L	7803.209
	39	K	197.155740	5.677	2162394.561	ug/L	787820.143
	44	Ca	7761.070871	1.703	1971411.744	ug/L	72922.037
>	45	Sc-1			475104.168	ug/L	480857.849
	51	V	-0.314568	105.369	-6611.976	ug/L	-3998.332
	57	Fe	-10.790676	14.544	4334.671	ug/L	6512.532
	66	Zn	0.477114	6.715	1757.792	ug/L	1229.399
>	72	Ge-1			585388.101	ug/L	583818.267
	75	As	2.497495	5.041	3930.216	ug/L	441.860
	135	Ba	0.465285	1.374	928.706	ug/L	109.668
>	165	Ho-1			1300109.957	ug/L	1276414.382
	205	Tl	-0.209897	7.327	3081.032	ug/L	6961.439
	208	Pb	-0.158746	1.123	2858.142	ug/L	6900.385
	238	U	0.531087	1.997	7948.957	ug/L	47.334
>	45	Sc-2			475104.168	ug/L	480857.849
	54	Fe	14.701059	80.995	44037.211	ug/L	37101.824
	67	Zn	3.258940	90.899	20626.091	ug/L	20205.161
	137	Ba	0.447324	0.571	1556.434	ug/L	196.003
>	165	Ho-2			1300109.957	ug/L	1276414.382
	203	Tl	-0.205128	6.190	1295.405	ug/L	2942.667
	206	Pb	-0.151780	2.111	709.025	ug/L	1714.787
	207	Pb	-0.167989	2.046	610.019	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.803	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.843	
	As	75		
	Ba	135		
>	Ho-1	165	101.856	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.803	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.856	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRG8
Sample Date/Time: Friday, May 25, 2007 17:40:33
Autosampler Position: 85
Dataset File: D:\Elandata\Dataset\052507M1\JWRG8.087

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	18555.460637	1.442	84302448.513	ug/L	14340.338
	24	Mg	8672.866451	1.108	29940472.199	ug/L	4546.769
	27	Al	0.397076	4.464	9759.430	ug/L	7803.209
	39	K	195.824586	1.874	2175689.233	ug/L	787820.143
	44	Ca	7653.966311	1.967	1965627.991	ug/L	72922.037
>	45	Sc-1			480100.580	ug/L	480857.849
	51	V	-0.793346	66.197	-10824.036	ug/L	-3998.332
	57	Fe	-12.044631	1.526	4134.059	ug/L	6512.532
	66	Zn	0.322644	7.592	1598.439	ug/L	1229.399
>	72	Ge-1			569922.300	ug/L	583818.267
	75	As	2.463307	14.842	3915.120	ug/L	441.860
	135	Ba	0.468338	4.976	931.373	ug/L	109.668
>	165	Ho-1			1296912.064	ug/L	1276414.382
	205	Tl	-0.233331	6.341	2622.268	ug/L	6961.439
	208	Pb	-0.157490	4.403	2881.808	ug/L	6900.385
	238	U	0.521423	1.445	7787.534	ug/L	47.334
>	45	Sc-2			480100.580	ug/L	480857.849
	54	Fe	15.121326	80.003	44707.456	ug/L	37101.824
	67	Zn	0.996822	323.576	20377.067	ug/L	20205.161
	137	Ba	0.445359	3.768	1546.099	ug/L	196.003
>	165	Ho-2			1296912.064	ug/L	1276414.382
	203	Tl	-0.227515	8.808	1104.388	ug/L	2942.667
	206	Pb	-0.149415	3.205	723.026	ug/L	1714.787
	207	Pb	-0.159764	6.370	655.355	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.843	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.620	
	As	75		
	Ba	135		
>	Ho-1	165	101.606	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.843	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.606	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRHC
Sample Date/Time: Friday, May 25, 2007 17:44:56
Autosampler Position: 86
Dataset File: D:\Elandata\Dataset\052507M1\JWRHC.088

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	19304.946105	1.284	87468557.456	ug/L	14340.338
	24	Mg	9099.703933	0.530	31328173.836	ug/L	4546.769
	27	Al	0.798981	6.009	11717.588	ug/L	7803.209
	39	K	206.086507	0.488	2242319.781	ug/L	787820.143
	44	Ca	7907.958990	0.976	2023085.938	ug/L	72922.037
>	45	Sc-1			478782.773	ug/L	480857.849
	51	V	-0.387870	102.791	-7319.027	ug/L	-3998.332
	57	Fe	-8.863562	8.821	4747.474	ug/L	6512.532
	66	Zn	0.323719	8.100	1595.105	ug/L	1229.399
>	72	Ge-1			572488.463	ug/L	583818.267
	75	As	2.227476	12.324	3592.584	ug/L	441.860
	135	Ba	0.484786	9.375	961.375	ug/L	109.668
>	165	Ho-1			1297787.103	ug/L	1276414.382
	205	Tl	-0.242788	4.588	2445.568	ug/L	6961.439
	208	Pb	-0.147238	0.423	3154.499	ug/L	6900.385
	238	U	0.511837	2.742	7648.124	ug/L	47.334
>	45	Sc-2			478782.773	ug/L	480857.849
	54	Fe	14.253645	51.781	44129.120	ug/L	37101.824
	67	Zn	4.276327	92.003	20990.960	ug/L	20205.161
	137	Ba	0.470187	3.309	1623.109	ug/L	196.003
>	165	Ho-2			1297787.103	ug/L	1276414.382
	203	Tl	-0.239703	3.069	1005.712	ug/L	2942.667
	206	Pb	-0.136877	2.390	809.364	ug/L	1714.787
	207	Pb	-0.150058	0.393	712.692	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.568	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	98.059	
	As	75		
	Ba	135		
>	Ho-1	165	101.674	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.568	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.674	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRHD
Sample Date/Time: Friday, May 25, 2007 17:49:15
Autosampler Position: 87
Dataset File: D:\Elandata\Dataset\052507M1\JWRHD.089

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	17809.453383	1.595	80694213.239	ug/L	14340.338
	24	Mg	8043.072691	1.023	27690169.193	ug/L	4546.769
	27	Al	3.361406	2.856	24383.370	ug/L	7803.209
	39	K	499.355410	0.377	4316727.107	ug/L	787820.143
	44	Ca	12589.227855	0.538	3177515.357	ug/L	72922.037
>	45	Sc-1			478761.084	ug/L	480857.849
	51	V	-1.394456	6.402	-15932.735	ug/L	-3998.332
	57	Fe	-23.536595	12.558	1867.541	ug/L	6512.532
	66	Zn	0.722120	3.972	2052.168	ug/L	1229.399
>	72	Ge-1			571415.356	ug/L	583818.267
	75	As	2.119802	9.170	3433.958	ug/L	441.860
	135	Ba	0.379491	7.389	786.696	ug/L	109.668
>	165	Ho-1			1314522.707	ug/L	1276414.382
	205	Tl	-0.243976	4.941	2454.903	ug/L	6961.439
	208	Pb	-0.160011	2.477	2855.805	ug/L	6900.385
	238	U	2.217118	0.683	33401.004	ug/L	47.334
>	45	Sc-2			478761.084	ug/L	480857.849
	54	Fe	11.868564	67.017	42924.061	ug/L	37101.824
	67	Zn	5.086891	63.248	21159.208	ug/L	20205.161
	137	Ba	0.374864	2.947	1351.411	ug/L	196.003
>	165	Ho-2			1314522.707	ug/L	1276414.382
	203	Tl	-0.240582	5.728	1011.380	ug/L	2942.667
	206	Pb	-0.149811	4.244	730.359	ug/L	1714.787
	207	Pb	-0.162864	4.825	646.688	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.564	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.876	
	As	75		
	Ba	135		
>	Ho-1	165	102.986	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.564	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	102.986	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRHH
Sample Date/Time: Friday, May 25, 2007 17:53:34
Autosampler Position: 88
Dataset File: D:\Elandata\Dataset\052507M1\JWRHH.090

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	17924.513088	2.341	80586042.126	ug/L	14340.338
	24	Mg	8100.982560	1.939	27676864.287	ug/L	4546.769
	27	Al	3.591967	2.056	25330.361	ug/L	7803.209
	39	K	495.469567	2.029	4256652.893	ug/L	787820.143
	44	Ca	12490.103746	0.746	3128968.044	ug/L	72922.037
>	45	Sc-1			475093.992	ug/L	480857.849
	51	V	-0.173501	714.851	-5371.038	ug/L	-3998.332
	57	Fe	-24.102912	5.916	1743.485	ug/L	6512.532
	66	Zn	0.537344	9.406	1826.468	ug/L	1229.399
>	72	Ge-1			569723.131	ug/L	583818.267
	75	As	1.804307	24.561	2983.423	ug/L	441.860
	135	Ba	0.380033	1.601	784.363	ug/L	109.668
>	165	Ho-1			1308971.371	ug/L	1276414.382
	205	Tl	-0.258951	4.826	2157.519	ug/L	6961.439
	208	Pb	-0.160944	1.889	2819.136	ug/L	6900.385
	238	U	2.251696	0.661	33776.888	ug/L	47.334
>	45	Sc-2			475093.992	ug/L	480857.849
	54	Fe	11.027884	75.550	42175.735	ug/L	37101.824
	67	Zn	4.599684	70.073	20897.821	ug/L	20205.161
	137	Ba	0.384254	3.127	1374.413	ug/L	196.003
>	165	Ho-2			1308971.371	ug/L	1276414.382
	203	Tl	-0.249317	5.366	934.374	ug/L	2942.667
	206	Pb	-0.152621	0.595	708.025	ug/L	1714.787
	207	Pb	-0.163788	2.510	638.687	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.801	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.586	
	As	75		
	Ba	135		
>	Ho-1	165	102.551	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.801	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	102.551	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRHL
Sample Date/Time: Friday, May 25, 2007 17:57:54
Autosampler Position: 89
Dataset File: D:\Elandata\Dataset\052507M1\JWRHL.091

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	17733.039969	1.752	79518493.821	ug/L	14340.338
	24	Mg	8104.420596	1.979	27615218.225	ug/L	4546.769
	27	Al	0.741316	5.020	11317.596	ug/L	7803.209
	39	K	497.886996	1.929	4262410.884	ug/L	787820.143
	44	Ca	12648.538047	0.619	3159357.390	ug/L	72922.037
>	45	Sc-1			473858.984	ug/L	480857.849
	51	V	0.492371	118.803	258.628	ug/L	-3998.332
	57	Fe	-27.458292	4.142	1088.349	ug/L	6512.532
	66	Zn	0.562510	3.159	1849.805	ug/L	1229.399
>	72	Ge-1			569626.370	ug/L	583818.267
	75	As	2.199895	26.158	3539.089	ug/L	441.860
	135	Ba	0.391728	2.333	797.030	ug/L	109.668
>	165	Ho-1			1295945.560	ug/L	1276414.382
	205	Tl	-0.258448	3.666	2145.517	ug/L	6961.439
	208	Pb	-0.164996	0.985	2685.125	ug/L	6900.385
	238	U	2.346419	1.596	34845.130	ug/L	47.334
>	45	Sc-2			473858.984	ug/L	480857.849
	54	Fe	8.256829	102.327	40687.022	ug/L	37101.824
	67	Zn	4.490539	70.425	20823.381	ug/L	20205.161
	137	Ba	0.374559	2.737	1331.409	ug/L	196.003
>	165	Ho-2			1295945.560	ug/L	1276414.382
	203	Tl	-0.250671	4.265	914.039	ug/L	2942.667
	206	Pb	-0.155364	2.586	682.356	ug/L	1714.787
	207	Pb	-0.171455	1.701	588.018	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.545	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.569	
	As	75		
	Ba	135		
>	Ho-1	165	101.530	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.545	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.530	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRHR
Sample Date/Time: Friday, May 25, 2007 18:02:14
Autosampler Position: 90
Dataset File: D:\Elandata\Dataset\052507M1\JWRHR.092

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	18138.444227	2.386	81426780.034	ug/L	14340.338
	24	Mg	8254.270356	2.236	28155397.386	ug/L	4546.769
	27	Al	0.690276	5.568	11079.406	ug/L	7803.209
	39	K	502.464890	2.852	4299072.577	ug/L	787820.143
	44	Ca	12818.488693	2.735	3204633.859	ug/L	72922.037
>	45	Sc-1			474418.053	ug/L	480857.849
	51	V	-0.700678	92.564	-9907.296	ug/L	-3998.332
	57	Fe	-26.211606	6.174	1332.961	ug/L	6512.532
	66	Zn	0.606463	8.317	1901.812	ug/L	1229.399
>	72	Ge-1			565596.023	ug/L	583818.267
	75	As	2.153006	15.887	3447.616	ug/L	441.860
	135	Ba	0.379157	4.164	779.362	ug/L	109.668
>	165	Ho-1			1303308.077	ug/L	1276414.382
	205	Tl	-0.262122	3.621	2087.174	ug/L	6961.439
	208	Pb	-0.164227	1.385	2720.794	ug/L	6900.385
	238	U	2.348335	0.962	35071.682	ug/L	47.334
>	45	Sc-2			474418.053	ug/L	480857.849
	54	Fe	8.298260	85.086	40771.723	ug/L	37101.824
	67	Zn	3.786368	100.087	20706.885	ug/L	20205.161
	137	Ba	0.369749	0.372	1324.408	ug/L	196.003
>	165	Ho-2			1303308.077	ug/L	1276414.382
	203	Tl	-0.253056	3.860	899.371	ug/L	2942.667
	206	Pb	-0.155050	0.721	688.357	ug/L	1714.787
	207	Pb	-0.166068	1.064	622.686	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.661	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.879	
	As	75		
	Ba	135		
>	Ho-1	165	102.107	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.661	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	102.107	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRHW
Sample Date/Time: Friday, May 25, 2007 18:06:35
Autosampler Position: 91
Dataset File: D:\Elandata\Dataset\052507M1\JWRHW.093

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	17817.515642	1.645	80486491.861	ug/L	14340.338
	24	Mg	8079.747803	1.227	27735184.123	ug/L	4546.769
	27	Al	1.063464	2.743	12988.699	ug/L	7803.209
	39	K	495.272611	1.279	4275916.518	ug/L	787820.143
	44	Ca	12333.227964	0.228	3105544.308	ug/L	72922.037
>	45	Sc-1			477425.455	ug/L	480857.849
	51	V	-0.549891	114.301	-8660.619	ug/L	-3998.332
	57	Fe	-26.225626	0.995	1338.478	ug/L	6512.532
	66	Zn	0.565112	6.068	1867.141	ug/L	1229.399
>	72	Ge-1			570633.226	ug/L	583818.267
	75	As	1.798895	44.544	2984.241	ug/L	441.860
	135	Ba	0.361447	0.698	760.028	ug/L	109.668
>	165	Ho-1			1323783.556	ug/L	1276414.382
	205	Tl	-0.262753	4.837	2107.178	ug/L	6961.439
	208	Pb	-0.168156	0.929	2658.123	ug/L	6900.385
	238	U	2.257975	0.410	34255.365	ug/L	47.334
>	45	Sc-2			477425.455	ug/L	480857.849
	54	Fe	9.856288	88.813	41774.376	ug/L	37101.824
	67	Zn	3.686043	147.767	20807.367	ug/L	20205.161
	137	Ba	0.366817	3.321	1336.076	ug/L	196.003
>	165	Ho-2			1323783.556	ug/L	1276414.382
	203	Tl	-0.256325	4.573	885.703	ug/L	2942.667
	206	Pb	-0.159373	1.097	669.022	ug/L	1714.787
	207	Pb	-0.172635	0.914	593.685	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.286	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.742	
	As	75		
	Ba	135		
>	Ho-1	165	103.711	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.286	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	103.711	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRHX
Sample Date/Time: Friday, May 25, 2007 18:10:57
Autosampler Position: 92
Dataset File: D:\Elandata\Dataset\052507M1\JWRHX.094

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	17616.507869	1.809	80092601.225	ug/L	14340.338
	24	Mg	8106.748793	2.194	28006604.194	ug/L	4546.769
	27	Al	1.507780	4.552	15277.655	ug/L	7803.209
	39	K	488.872344	3.287	4257521.556	ug/L	787820.143
	44	Ca	12433.845501	1.973	3150297.109	ug/L	72922.037
>	45	Sc-1			480447.118	ug/L	480857.849
	51	V	-0.503123	46.116	-8312.616	ug/L	-3998.332
	57	Fe	-25.609220	4.183	1467.501	ug/L	6512.532
	66	Zn	0.753100	12.677	2094.508	ug/L	1229.399
>	72	Ge-1			569123.766	ug/L	583818.267
	75	As	2.527122	13.426	3999.173	ug/L	441.860
	135	Ba	0.395773	4.440	809.031	ug/L	109.668
>	165	Ho-1			1303621.103	ug/L	1276414.382
	205	Tl	-0.266509	4.159	2003.161	ug/L	6961.439
	208	Pb	-0.161568	1.666	2791.133	ug/L	6900.385
	238	U	2.319064	1.667	34642.636	ug/L	47.334
>	45	Sc-2			480447.118	ug/L	480857.849
	54	Fe	10.081456	105.564	42171.614	ug/L	37101.824
	67	Zn	2.909553	106.728	20785.323	ug/L	20205.161
	137	Ba	0.388704	1.780	1382.414	ug/L	196.003
>	165	Ho-2			1303621.103	ug/L	1276414.382
	203	Tl	-0.262732	4.547	819.032	ug/L	2942.667
	206	Pb	-0.152680	1.794	704.691	ug/L	1714.787
	207	Pb	-0.164010	5.628	634.687	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.915	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.483	
	As	75		
	Ba	135		
>	Ho-1	165	102.131	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.915	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	102.131	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRH0
Sample Date/Time: Friday, May 25, 2007 18:15:18
Autosampler Position: 93
Dataset File: D:\Elandata\Dataset\052507M1\JWRH0.095

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	26687.138837	1.128	119370414.844	ug/L	14340.338
	24	Mg	4074.150458	1.414	13850624.842	ug/L	4546.769
	27	Al	4.304779	1.047	28684.059	ug/L	7803.209
	39	K	297.582902	2.911	2852832.306	ug/L	787820.143
	44	Ca	11789.777709	2.041	2942500.811	ug/L	72922.037
>	45	Sc-1			472712.321	ug/L	480857.849
	51	V	0.307829	63.181	-1331.223	ug/L	-3998.332
	57	Fe	-21.128389	3.469	2312.226	ug/L	6512.532
	66	Zn	0.345934	11.319	1600.439	ug/L	1229.399
>	72	Ge-1			565234.685	ug/L	583818.267
	75	As	3.775977	2.267	5720.668	ug/L	441.860
	135	Ba	0.297048	2.771	632.687	ug/L	109.668
>	165	Ho-1			1298600.163	ug/L	1276414.382
	205	Tl	-0.271983	4.981	1889.812	ug/L	6961.439
	208	Pb	-0.165000	2.519	2689.791	ug/L	6900.385
	238	U	1.404650	0.964	20921.184	ug/L	47.334
>	45	Sc-2			472712.321	ug/L	480857.849
	54	Fe	13.437693	75.006	43181.620	ug/L	37101.824
	67	Zn	5.294040	43.117	20937.212	ug/L	20205.161
	137	Ba	0.273637	3.074	1028.381	ug/L	196.003
>	165	Ho-2			1298600.163	ug/L	1276414.382
	203	Tl	-0.264296	3.882	802.364	ug/L	2942.667
	206	Pb	-0.152624	6.653	702.024	ug/L	1714.787
	207	Pb	-0.171220	3.415	590.351	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.306	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.817	
	As	75		
	Ba	135		
>	Ho-1	165	101.738	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.306	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.738	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 6
Sample Date/Time: Friday, May 25, 2007 18:19:43
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 6.096

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	2092.829606	2.602	9492281.331	ug/L	14340.338
	24	Mg	1034.084539	2.985	3562887.364	ug/L	4546.769
	27	Al	1991.101143	3.484	9847590.418	ug/L	7803.209
	39	K	1989.056716	4.420	14847666.924	ug/L	787820.143
	44	Ca	1078.873290	3.174	338624.120	ug/L	72922.037
>	45	Sc-1			478858.535	ug/L	480857.849
	51	V	194.233280	2.942	1660653.202	ug/L	-3998.332
	57	Fe	2160.593831	1.978	430069.080	ug/L	6512.532
	66	Zn	195.768674	4.297	225596.047	ug/L	1229.399
>	72	Ge-1			567711.116	ug/L	583818.267
	75	As	198.180147	0.499	279405.987	ug/L	441.860
	135	Ba	192.626272	0.155	337854.469	ug/L	109.668
>	165	Ho-1			1298074.375	ug/L	1276414.382
	205	Tl	191.341668	2.047	3657602.882	ug/L	6961.439
	208	Pb	200.832153	0.355	5275009.315	ug/L	6900.385
	238	U	208.776097	1.134	3101396.920	ug/L	47.334
>	45	Sc-2			478858.535	ug/L	480857.849
	54	Fe	2152.837976	1.699	1127020.031	ug/L	37101.824
	67	Zn	190.825688	4.877	59357.999	ug/L	20205.161
	137	Ba	192.993078	0.330	584670.723	ug/L	196.003
>	165	Ho-2			1298074.375	ug/L	1276414.382
	203	Tl	191.546823	1.504	1590240.430	ug/L	2942.667
	206	Pb	207.045859	0.847	1414960.446	ug/L	1714.787
	207	Pb	199.683022	0.653	1157508.142	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		104.841
	Mg	24		103.408
	Al	27		99.555
	K	39		99.453
	Ca	44		107.887
>	Sc-1	45	99.584	
	V	51		97.117
	Fe	57		108.030
	Zn	66		97.884
>	Ge-1	72	97.241	
	As	75		99.090
	Ba	135		96.313
>	Ho-1	165	101.697	
	Tl	205		95.671
	Pb	208		100.416
	U	238		104.388
>	Sc-2	45	99.584	
	Fe	54		107.642
	Zn	67		95.413
	Ba	137		96.497
>	Ho-2	165	101.697	
	Tl	203		95.773
	Pb	206		103.523
	Pb	207		99.842

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: QC Std 7
Sample Date/Time: Friday, May 25, 2007 18:24:38
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052507M1\QC Std 7.097

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	0.813569	12.609	17386.083	ug/L	14340.338
	24	Mg	0.125903	21.286	4801.188	ug/L	4546.769
	27	Al	0.104442	144.207	8023.347	ug/L	7803.209
	39	K	-6.217086	4.889	716718.790	ug/L	787820.143
	44	Ca	-61.752956	1.714	55536.307	ug/L	72922.037
>	45	Sc-1			463442.777	ug/L	480857.849
	51	V	0.115693	571.936	-2870.812	ug/L	-3998.332
	57	Fe	-0.177947	38.430	6242.960	ug/L	6512.532
	66	Zn	-0.120617	40.180	1051.049	ug/L	1229.399
>	72	Ge-1			557193.590	ug/L	583818.267
	75	As	-0.522678	78.403	-299.059	ug/L	441.860
	135	Ba	0.010351	74.244	129.335	ug/L	109.668
>	165	Ho-1			1293939.508	ug/L	1276414.382
	205	Tl	0.106533	87.668	9073.372	ug/L	6961.439
	208	Pb	-0.161215	3.261	2779.131	ug/L	6900.385
	238	U	0.004688	37.584	117.335	ug/L	47.334
>	45	Sc-2			463442.777	ug/L	480857.849
	54	Fe	2.859390	245.408	37144.266	ug/L	37101.824
	67	Zn	3.781218	101.286	20223.851	ug/L	20205.161
	137	Ba	-0.002115	97.844	192.337	ug/L	196.003
>	165	Ho-2			1293939.508	ug/L	1276414.382
	203	Tl	0.092619	91.409	3744.205	ug/L	2942.667
	206	Pb	-0.152644	3.352	699.691	ug/L	1714.787
	207	Pb	-0.160588	5.842	649.688	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		0.814
	Mg	24		0.126
	Al	27		0.104
	K	39		-6.217
	Ca	44		-61.753
>	Sc-1	45	96.378	
	V	51		11.569
	Fe	57		-0.178
	Zn	66		-12.062
>	Ge-1	72	95.440	
	As	75		-52.268
	Ba	135		1.035
>	Ho-1	165	101.373	
	Tl	205		10.653
	Pb	208		-16.122
	U	238		0.469
>	Sc-2	45	96.378	
	Fe	54		2.859
	Zn	67		378.122
	Ba	137		-0.212
>	Ho-2	165	101.373	
	Tl	203		9.262
	Pb	206		-15.264
	Pb	207		-16.059

QC Out Of Limits

Analyte	Mass	Out of Limits Message
Zn	67	Q

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRH1
Sample Date/Time: Friday, May 25, 2007 18:29:30
Autosampler Position: 94
Dataset File: D:\Elandata\Dataset\052507M1\JWRH1.098

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	27491.101032	0.950	120747082.116	ug/L	14340.338
	24	Mg	4261.013628	1.639	14224544.657	ug/L	4546.769
	27	Al	4.130771	0.286	27330.058	ug/L	7803.209
	39	K	308.295942	2.029	2874933.561	ug/L	787820.143
	44	Ca	12221.504251	0.894	2992702.249	ug/L	72922.037
>	45	Sc-1			464160.198	ug/L	480857.849
	51	V	1.216025	44.672	6223.808	ug/L	-3998.332
	57	Fe	-26.245517	1.937	1296.933	ug/L	6512.532
	66	Zn	0.221890	19.308	1433.420	ug/L	1229.399
>	72	Ge-1			556544.724	ug/L	583818.267
	75	As	3.932308	13.560	5849.740	ug/L	441.860
	135	Ba	0.306527	3.188	643.354	ug/L	109.668
>	165	Ho-1			1286991.238	ug/L	1276414.382
	205	Tl	-0.121897	31.691	4710.168	ug/L	6961.439
	208	Pb	-0.166429	2.234	2628.787	ug/L	6900.385
	238	U	1.441524	0.889	21277.380	ug/L	47.334
>	45	Sc-2			464160.198	ug/L	480857.849
	54	Fe	11.679459	110.172	41515.577	ug/L	37101.824
	67	Zn	4.770270	66.464	20451.839	ug/L	20205.161
	137	Ba	0.292710	8.056	1076.385	ug/L	196.003
>	165	Ho-2			1286991.238	ug/L	1276414.382
	203	Tl	-0.122497	32.795	1959.156	ug/L	2942.667
	206	Pb	-0.155866	3.667	674.023	ug/L	1714.787
	207	Pb	-0.170926	2.899	587.018	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	96.528	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	95.328	
	As	75		
	Ba	135		
>	Ho-1	165	100.829	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	96.528	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	100.829	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRH2
Sample Date/Time: Friday, May 25, 2007 18:33:53
Autosampler Position: 95
Dataset File: D:\Elandata\Dataset\052507M1\JWRH2.099

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	27168.532655	2.692	119492133.003	ug/L	14340.338
	24	Mg	4098.796815	1.139	13701897.481	ug/L	4546.769
	27	Al	0.884774	6.631	11787.980	ug/L	7803.209
	39	K	301.681189	2.006	2833506.634	ug/L	787820.143
	44	Ca	11910.629337	1.886	2922377.013	ug/L	72922.037
>	45	Sc-1			464855.148	ug/L	480857.849
	51	V	1.394105	11.101	7730.695	ug/L	-3998.332
	57	Fe	-28.007504	1.522	964.212	ug/L	6512.532
	66	Zn	0.318627	8.660	1543.432	ug/L	1229.399
>	72	Ge-1			554280.306	ug/L	583818.267
	75	As	4.266399	10.987	6280.952	ug/L	441.860
	135	Ba	0.253168	7.425	543.682	ug/L	109.668
>	165	Ho-1			1270676.611	ug/L	1276414.382
	205	Tl	-0.202358	10.796	3151.050	ug/L	6961.439
	208	Pb	-0.167516	2.026	2568.115	ug/L	6900.385
	238	U	1.433336	1.695	20889.808	ug/L	47.334
>	45	Sc-2			464855.148	ug/L	480857.849
	54	Fe	8.847205	132.892	40179.629	ug/L	37101.824
	67	Zn	1.933685	264.222	19911.414	ug/L	20205.161
	137	Ba	0.240472	7.139	908.038	ug/L	196.003
>	165	Ho-2			1270676.611	ug/L	1276414.382
	203	Tl	-0.193874	12.311	1356.746	ug/L	2942.867
	206	Pb	-0.158613	3.071	647.355	ug/L	1714.787
	207	Pb	-0.171378	3.588	577.017	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	96.672	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	94.941	
	As	75		
	Ba	135		
>	Ho-1	165	99.550	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	96.672	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	99.550	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRH3
Sample Date/Time: Friday, May 25, 2007 18:38:16
Autosampler Position: 96
Dataset File: D:\Elandata\Dataset\052507M1\JWRH3.100

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	27332.761368	1.058	122490751.191	ug/L	14340.338
	24	Mg	4296.045541	1.367	14630482.866	ug/L	4546.769
	27	Al	0.803162	8.881	11609.499	ug/L	7803.209
	39	K	310.612605	2.075	2948964.285	ug/L	787820.143
	44	Ca	12561.749566	0.296	3136286.922	ug/L	72922.037
>	45	Sc-1			473583.491	ug/L	480857.849
	51	V	1.223583	47.514	6469.956	ug/L	-3998.332
	57	Fe	-30.091344	4.399	576.803	ug/L	6512.532
	66	Zn	0.366857	3.387	1626.776	ug/L	1229.399
>	72	Ge-1			562574.519	ug/L	583818.267
	75	As	4.116940	4.324	6168.291	ug/L	441.860
	135	Ba	0.269423	4.150	585.351	ug/L	109.668
>	165	Ho-1			1300748.383	ug/L	1276414.382
	205	Tl	-0.230230	7.522	2686.615	ug/L	6961.439
	208	Pb	-0.163340	1.935	2737.462	ug/L	6900.385
	238	U	1.465807	2.285	21860.933	ug/L	47.334
>	45	Sc-2			473583.491	ug/L	480857.849
	54	Fe	8.912963	145.207	40954.970	ug/L	37101.824
	67	Zn	1.098099	238.640	20118.359	ug/L	20205.161
	137	Ba	0.259754	3.453	988.044	ug/L	196.003
>	165	Ho-2			1300748.383	ug/L	1276414.382
	203	Tl	-0.222240	8.775	1151.392	ug/L	2942.667
	206	Pb	-0.154516	4.704	690.024	ug/L	1714.787
	207	Pb	-0.165750	2.055	623.353	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.487	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.361	
	As	75		
	Ba	135		
>	Ho-1	165	101.906	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.487	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	101.906	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRH5
Sample Date/Time: Friday, May 25, 2007 18:42:40
Autosampler Position: 97
Dataset File: D:\Elandata\Dataset\052507M1\JWRH5.101

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	26500.231316	2.690	117864229.598	ug/L	14340.338
	24	Mg	4103.195502	2.762	13870013.970	ug/L	4546.769
	27	Al	1.995078	0.332	17312.992	ug/L	7803.209
	39	K	305.304633	3.098	2890432.981	ug/L	787820.143
	44	Ca	11936.399022	2.375	2961469.216	ug/L	72922.037
>	45	Sc-1			470097.468	ug/L	480857.849
	51	V	0.794093	32.570	2786.271	ug/L	-3998.332
	57	Fe	-26.210209	2.037	1321.095	ug/L	6512.532
	66	Zn	0.317981	10.278	1559.767	ug/L	1229.399
>	72	Ge-1			564128.613	ug/L	583818.267
	75	As	3.874648	7.435	5849.141	ug/L	441.860
	135	Ba	0.247250	4.555	537.349	ug/L	109.668
>	165	Ho-1			1279684.737	ug/L	1276414.382
	205	Tl	-0.237482	5.696	2512.914	ug/L	6961.439
	208	Pb	-0.167705	2.572	2581.451	ug/L	6900.385
	238	U	1.404131	0.415	20610.063	ug/L	47.334
>	45	Sc-2			470097.468	ug/L	480857.849
	54	Fe	11.504559	102.068	42020.012	ug/L	37101.824
	67	Zn	3.357917	17.855	20431.806	ug/L	20205.161
	137	Ba	0.257298	5.807	964.709	ug/L	196.003
>	165	Ho-2			1279684.737	ug/L	1276414.382
	203	Tl	-0.234629	7.381	1033.715	ug/L	2942.667
	206	Pb	-0.162159	2.789	628.020	ug/L	1714.787
	207	Pb	-0.171208	2.344	582.018	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	97.762	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.627	
	As	75		
	Ba	135		
>	Ho-1	165	100.256	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	97.762	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	100.256	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRH6
Sample Date/Time: Friday, May 25, 2007 18:47:04
Autosampler Position: 98
Dataset File: D:\Elandata\Dataset\052507M1\JWRH6.102

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	28053.997485	0.827	124767270.755	ug/L	14340.338
	24	Mg	4322.119351	1.548	14609763.247	ug/L	4546.769
	27	Al	2.820708	1.867	21315.771	ug/L	7803.209
	39	K	308.687018	2.252	2913696.589	ug/L	787820.143
	44	Ca	12604.486309	0.907	3123099.642	ug/L	72922.037
>	45	Sc-1			470009.109	ug/L	480857.849
	51	V	0.889154	75.518	3575.542	ug/L	-3998.332
	57	Fe	-26.487389	5.470	1268.188	ug/L	6512.532
	66	Zn	0.395485	4.118	1646.778	ug/L	1229.399
>	72	Ge-1			561490.839	ug/L	583818.267
	75	As	4.548117	9.723	6758.950	ug/L	441.860
	135	Ba	0.279414	4.101	595.018	ug/L	109.668
>	165	Ho-1			1284095.426	ug/L	1276414.382
	205	Tl	-0.250089	5.685	2283.540	ug/L	6961.439
	208	Pb	-0.166421	2.243	2623.453	ug/L	6900.385
	238	U	1.467083	0.976	21605.542	ug/L	47.334
>	45	Sc-2			470009.109	ug/L	480857.849
	54	Fe	10.741713	116.222	41584.759	ug/L	37101.824
	67	Zn	1.984069	124.386	20148.404	ug/L	20205.161
	137	Ba	0.288051	7.762	1060.383	ug/L	196.003
>	165	Ho-2			1284095.426	ug/L	1276414.382
	203	Tl	-0.247998	5.840	927.706	ug/L	2942.667
	206	Pb	-0.159612	1.985	647.354	ug/L	1714.787
	207	Pb	-0.168180	1.830	601.352	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	97.744	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.176	
	As	75		
	Ba	135		
>	Ho-1	165	100.602	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	97.744	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	100.602	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRH8
Sample Date/Time: Friday, May 25, 2007 18:51:28
Autosampler Position: 99
Dataset File: D:\Elandata\Dataset\052507M1\JWRH8.103

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	411.324932	0.382	1878969.591	ug/L	14340.338
	24	Mg	106.900264	0.372	372773.979	ug/L	4546.769
	27	Al	40.225000	1.203	206767.314	ug/L	7803.209
	39	K	86.035311	0.734	1394057.559	ug/L	787820.143
	44	Ca	339.999846	0.734	156579.399	ug/L	72922.037
>	45	Sc-1			479138.325	ug/L	480857.849
	51	V	-2.483101	31.951	-25244.880	ug/L	-3998.332
	57	Fe	32.649093	1.324	12895.351	ug/L	6512.532
	66	Zn	18.421372	1.016	22365.723	ug/L	1229.399
>	72	Ge-1			563516.658	ug/L	583818.267
	75	As	-1.573652	22.151	-1773.484	ug/L	441.860
	135	Ba	1.894219	1.897	3449.451	ug/L	109.668
>	165	Ho-1			1304362.385	ug/L	1276414.382
	205	Tl	-0.224568	6.943	2807.306	ug/L	6961.439
	208	Pb	0.513529	1.728	20588.351	ug/L	6900.385
	238	U	0.007452	14.849	159.669	ug/L	47.334
>	45	Sc-2			479138.325	ug/L	480857.849
	54	Fe	109.695107	12.383	92525.301	ug/L	37101.824
	67	Zn	58.575135	6.765	32190.563	ug/L	20205.161
	137	Ba	1.867100	0.444	5882.270	ug/L	196.003
>	165	Ho-2			1304362.385	ug/L	1276414.382
	203	Tl	-0.214369	7.313	1221.731	ug/L	2942.667
	206	Pb	0.506046	1.225	5223.340	ug/L	1714.787
	207	Pb	0.494028	2.881	4463.409	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.642	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	96.523	
	As	75		
	Ba	135		
>	Ho-1	165	102.190	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.642	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	102.190	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: JWRH9
Sample Date/Time: Friday, May 25, 2007 18:55:54
Autosampler Position: 100
Dataset File: D:\Elandata\Dataset\052507M1\JWRH9.104

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	417.867074	0.870	1909720.687	ug/L	14340.338
	24	Mg	41.476699	0.304	147486.895	ug/L	4546.769
	27	Al	2.970880	0.587	22486.576	ug/L	7803.209
	39	K	65.913571	1.310	1252338.123	ug/L	787820.143
	44	Ca	233.128986	1.512	130275.297	ug/L	72922.037
>	45	Sc-1			479411.701	ug/L	480857.849
	51	V	-2.452572	4.407	-25036.343	ug/L	-3998.332
	57	Fe	5.056386	16.703	7485.491	ug/L	6512.532
	66	Zn	12.043054	1.917	15053.413	ug/L	1229.399
>	72	Ge-1			570325.854	ug/L	583818.267
	75	As	-0.534805	91.338	-320.791	ug/L	441.860
	135	Ba	0.726317	1.549	1411.417	ug/L	109.668
>	165	Ho-1			1322917.610	ug/L	1276414.382
	205	Tl	-0.228546	6.936	2772.633	ug/L	6961.439
	208	Pb	0.038237	12.871	8174.336	ug/L	6900.385
	238	U	0.004290	2.610	114.002	ug/L	47.334
>	45	Sc-2			479411.701	ug/L	480857.849
	54	Fe	80.140986	14.666	77604.350	ug/L	37101.824
	67	Zn	45.747181	6.841	29570.215	ug/L	20205.161
	137	Ba	0.706815	1.013	2384.556	ug/L	196.003
>	165	Ho-2			1322917.610	ug/L	1276414.382
	203	Tl	-0.225865	6.391	1143.058	ug/L	2942.667
	206	Pb	0.040311	21.396	2057.836	ug/L	1714.787
	207	Pb	0.024984	8.277	1759.126	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	99.699	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	97.689	
	As	75		
	Ba	135		
>	Ho-1	165	103.643	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	99.699	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	103.643	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: CCV
Sample Date/Time: Friday, May 25, 2007 19:00:20
Autosampler Position: 7
Dataset File: D:\Elandata\Dataset\052507M1\CCV.105

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	2085.141565	2.562	9340345.304	ug/L	14340.338
	24	Mg	1028.022391	3.211	3498476.377	ug/L	4546.769
	27	Al	1953.223385	2.436	9542086.797	ug/L	7803.209
	39	K	1934.217432	3.019	14284922.561	ug/L	787820.143
	44	Ca	1061.234474	0.447	330103.820	ug/L	72922.037
>	45	Sc-1			472702.914	ug/L	480857.849
	51	V	186.654237	1.121	1575773.114	ug/L	-3998.332
	57	Fe	2152.655853	0.805	423117.599	ug/L	6512.532
	66	Zn	194.468224	0.544	221374.395	ug/L	1229.399
>	72	Ge-1			559222.823	ug/L	583818.267
	75	As	198.987944	0.739	276348.561	ug/L	441.860
	135	Ba	190.727739	0.906	331118.068	ug/L	109.668
>	165	Ho-1			1284903.380	ug/L	1276414.382
	205	Tl	186.624964	2.461	3531544.857	ug/L	6961.439
	208	Pb	198.461558	1.709	5159856.351	ug/L	6900.385
	238	U	204.810892	1.165	3011577.368	ug/L	47.334
>	45	Sc-2			472702.914	ug/L	480857.849
	54	Fe	2128.106811	0.457	1100450.767	ug/L	37101.824
	67	Zn	189.456023	1.927	58342.144	ug/L	20205.161
	137	Ba	189.369423	0.242	567876.682	ug/L	196.003
>	165	Ho-2			1284903.380	ug/L	1276414.382
	203	Tl	190.388623	1.685	1564694.480	ug/L	2942.667
	206	Pb	204.628546	1.683	1384213.470	ug/L	1714.787
	207	Pb	197.607249	1.767	1133900.428	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	98.304	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	95.787	
	As	75		
	Ba	135		
>	Ho-1	165	100.665	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	98.304	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	100.665	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

QUANTITATIVE ANALYSIS REPORT

Sample ID: CCB
Sample Date/Time: Friday, May 25, 2007 19:04:45
Autosampler Position: 1
Dataset File: D:\Elandata\Dataset\052507M1\CCB.106

Sample Result Summary

	Mass	Analyte	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
	23	Na	0.797544	7.239	17053.344	ug/L	14340.338
	24	Mg	0.112248	18.251	4683.148	ug/L	4546.769
	27	Al	0.023157	96.076	7514.718	ug/L	7803.209
	39	K	-6.220270	11.579	705759.303	ug/L	787820.143
	44	Ca	-62.839039	1.365	54437.074	ug/L	72922.037
>	45	Sc-1			456388.085	ug/L	480857.849
	51	V	0.047027	1322.295	-3403.924	ug/L	-3998.332
	57	Fe	-0.116492	409.701	6159.792	ug/L	6512.532
	66	Zn	-0.110277	27.159	1046.049	ug/L	1229.399
>	72	Ge-1			549574.640	ug/L	583818.267
	75	As	-0.495655	68.908	-259.569	ug/L	441.860
	135	Ba	0.008152	29.301	123.335	ug/L	109.668
>	165	Ho-1			1272383.155	ug/L	1276414.382
	205	Tl	0.181688	64.108	10357.317	ug/L	6961.439
	208	Pb	-0.156826	2.087	2847.139	ug/L	6900.385
	238	U	0.004460	37.692	112.335	ug/L	47.334
>	45	Sc-2			456388.085	ug/L	480857.849
	54	Fe	2.556362	301.335	36426.540	ug/L	37101.824
	67	Zn	2.962428	95.696	19754.517	ug/L	20205.161
	137	Ba	-0.005052	44.234	180.336	ug/L	196.003
>	165	Ho-2			1272383.155	ug/L	1276414.382
	203	Tl	0.175828	57.148	4369.063	ug/L	2942.667
	206	Pb	-0.151615	3.844	695.357	ug/L	1714.787
	207	Pb	-0.158962	1.904	648.355	ug/L	1555.100

Internal Standard And QC Recoveries

	Analyte	Mass	Int Std % Recovery	QC Std % Recovery
	Na	23		
	Mg	24		
	Al	27		
	K	39		
	Ca	44		
>	Sc-1	45	94.911	
	V	51		
	Fe	57		
	Zn	66		
>	Ge-1	72	94.135	
	As	75		
	Ba	135		
>	Ho-1	165	99.684	
	Tl	205		
	Pb	208		
	U	238		
>	Sc-2	45	94.911	
	Fe	54		
	Zn	67		
	Ba	137		
>	Ho-2	165	99.684	
	Tl	203		
	Pb	206		
	Pb	207		

QC Out Of Limits

Analyte Mass Out of Limits Message

Analytical Runlog for Mercury Analysis											
Run #: AA0517E											
Instrument ID:											
Seq	Sample ID	Run Date/Time		Instr Conc.	Dilution	Final Conc.		QC Expected		% Recovery
1	S0	5/17/2007	14:35:44		1					
2	S0.2	5/17/2007	14:38:13		1					
3	S0.5	5/17/2007	14:41:31		1					
4	S1	5/17/2007	14:43:33		1					
5	S5	5/17/2007	14:45:36		1					
6	S10	5/17/2007	14:47:38		1					
7	ICV	5/17/2007	14:49:59	2.57	1	2.57	ppb	2.5	ppb	102.8%
8	CCB	5/17/2007	14:52:07	0.141	1	0.141	ppb	<0.2	ppb	
9	CRA	5/17/2007	14:54:14	0.187	1	0.187	ppb	0.2	ppb	93.5%
10	CCV	5/17/2007	14:56:17	4.99	1	4.99	ppb	5	ppb	99.8%
11	CCB	5/17/2007	14:58:49	0.007	1	0.007	ppb	<0.2	ppb	✓
12	JW5NRB	5/17/2007	15:00:53	-0.093	1	-0.093	ppb			
13	JW5NRC	5/17/2007	15:03:16	0.877	1	0.877	ppb	1		87.7
14	JW280	5/17/2007	15:05:20	0.045	1	0.045	ppb			
15	JW280S	5/17/2007	15:07:35	1.12	1	1.12	ppb	1		112
16	JW280D	5/17/2007	15:10:11	0.952	1	0.952	ppb	1		95.2
17	JW280V	5/17/2007	15:12:26	-0.137	5	-0.685	ppb			
18	JW5N0B	5/17/2007	15:15:19	0.059	1	0.059	ppb			
19	JW5N0C	5/17/2007	15:17:52	0.994	1	0.994	ppb	1		99.4
20	JW2N7	5/17/2007	15:20:31	0.034	1	0.034	ppb			
21	JW2N7S	5/17/2007	15:22:37	1.09	1	1.09	ppb	1		109
22	CCV	5/17/2007	15:24:40	5	1	5	ppb	5	ppb	100.0%
23	CCB	5/17/2007	15:26:44	-0.13	1	-0.13	ppb	<0.2	ppb	✓
24	JW2N7D	5/17/2007	15:29:09	1.11	1	1.11	ppb	1		111
25	JW2N7V	5/17/2007	15:31:38	-0.016	5	-0.08	ppb			
26	JW2P3	5/17/2007	15:33:46	-0.009	1	-0.009	ppb			
27	JW5N5B	5/17/2007	15:35:51	-0.024	1	-0.024	ppb			
28	JW5N5C	5/17/2007	15:39:38	1.02	1	1.02	ppb	1		102
29	JW0G7	5/17/2007	15:42:43	0.144	1	0.144	ppb			
30	JW0G7S	5/17/2007	15:45:27	1.23	1	1.23	ppb	1		108.6
31	JW0G7D	5/17/2007	15:47:35	1.22	1	1.22	ppb	1		107.6
32	JW0G7V	5/17/2007	15:49:44	-0.063	5	-0.315	ppb			
33	JW0G9	5/17/2007	15:51:48	0.108	1	0.108	ppb			
34	CCV	5/17/2007	15:53:51	4.95	1	4.95	ppb	5	ppb	99.0%
35	CCB	5/17/2007	15:55:54	0.038	1	0.038	ppb	<0.2	ppb	✓
36	JW0HA	5/17/2007	15:58:41	0.08	1	0.08	ppb			
37	JW0HC	5/17/2007	16:00:45	-0.043	1	-0.043	ppb			
38	JW0HD	5/17/2007	16:02:51	0.06	1	0.06	ppb			
39	JW0HE	5/17/2007	16:04:54	0.024	1	0.024	ppb			
40	JW0HF	5/17/2007	16:06:59	0.098	1	0.098	ppb			
41	JW0HJ	5/17/2007	16:09:14	0.088	1	0.088	ppb			
42	JW0HK	5/17/2007	16:11:27	-0.035	1	-0.035	ppb			
43	JW0HL	5/17/2007	16:13:41	0.027	1	0.027	ppb			
44	JW0HN	5/17/2007	16:15:48	-0.023	1	-0.023	ppb			
45	JW0HP	5/17/2007	16:18:23	0.039	1	0.039	ppb			
46	CCV	5/17/2007	16:20:30	4.8	1	4.8	ppb	5	ppb	96.0%
47	CCB	5/17/2007	16:22:37	-0.025	1	-0.025	ppb	<0.2	ppb	✓

Analyst: C Buffington 5/18/07 Page 1 of 3 Reviewed by: FC 5/18/07

Analytical Runlog for Mercury Analysis

Run #: AA0517E

Instrument ID:

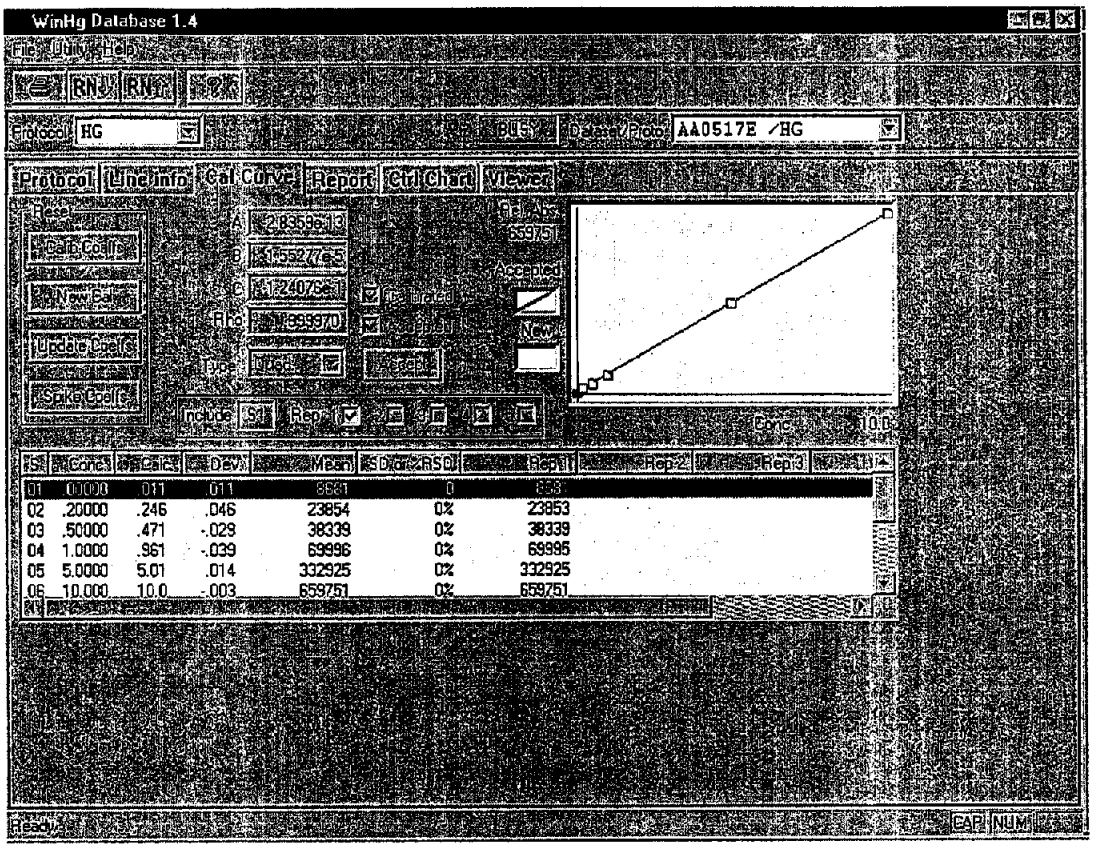
Seq	Sample ID	Run Date/Time		Instr Conc.	Dilution	Final Conc.		QC Expected		% Recovery
48	[redacted]	5/17/2007	16:24:43	0.01	1	0.01	ppb			
49	[redacted]W5N9C	5/17/2007	16:27:00	1.04	1	1.04	ppb	1		104
50	[redacted]WRGX	5/17/2007	16:29:19	0.008	1	0.008	ppb			
51	[redacted]WRGXS	5/17/2007	16:32:16	1.1	1	1.1	ppb	1		110
52	[redacted]WRGXD	5/17/2007	16:34:22	1.13	1	1.13	ppb	1		113
53	[redacted]WRGXV	5/17/2007	16:36:51	-0.12	5	-0.6	ppb			
54	[redacted]WRG3	5/17/2007	16:39:01	0.035	1	0.035	ppb			
55	[redacted]WRG3S	5/17/2007	16:41:05	1.21	1	1.21	ppb	1		121
56	[redacted]WRG3D	5/17/2007	16:43:07	1.07	1	1.07	ppb	1		107
57	[redacted]WRG5	5/17/2007	16:45:10	0.075	1	0.075	ppb			
58	[redacted]CCV	5/17/2007	16:47:29	4.87	1	4.87	ppb	5	ppb	97.4%
59	[redacted]CCB	5/17/2007	16:49:33	0.029	1	0.029	ppb	<0.2	ppb	✓
60	[redacted]WRG7	5/17/2007	16:51:40	0.161	1	0.161	ppb			
61	[redacted]WRG8	5/17/2007	16:53:55	-0.041	1	-0.041	ppb			
62	[redacted]WRHC	5/17/2007	16:56:03	0.055	1	0.055	ppb			
63	[redacted]WRHD	5/17/2007	16:58:59	0.279	1	0.279	ppb			
64	[redacted]CCV	5/17/2007	17:01:16	4.85	1	4.85	ppb	5	ppb	97.0%
65	[redacted]CCB	5/17/2007	17:03:21	-0.011	1	-0.011	ppb	<0.2	ppb	✓
66	[redacted]WRHH	5/17/2007	17:05:23	0.243	1	0.243	ppb			
67	[redacted]WRHL	5/17/2007	17:07:29	0.156	1	0.156	ppb			
68	[redacted]WRHR	5/17/2007	17:09:32	0.077	1	0.077	ppb			
69	[redacted]WRHW	5/17/2007	17:11:40	0.134	1	0.134	ppb			
70	[redacted]WRHX	5/17/2007	17:13:44	0.138	1	0.138	ppb			
71	[redacted]WRH0	5/17/2007	17:15:47	-0.027	1	-0.027	ppb			
72	[redacted]WRH1	5/17/2007	17:18:31	0.006	1	0.006	ppb			
73	[redacted]WRH2	5/17/2007	17:21:30	0.018	1	0.018	ppb			
74	[redacted]WRH3	5/17/2007	17:23:45	-0.023	1	-0.023	ppb			
75	[redacted]WRH5	5/17/2007	17:25:49	0.059	1	0.059	ppb			
76	[redacted]CCV	5/17/2007	17:27:53	4.89	1	4.89	ppb	5	ppb	97.8%
77	[redacted]CCB	5/17/2007	17:29:58	-0.042	1	-0.042	ppb	<0.2	ppb	✓
78	[redacted]WRH6	5/17/2007	17:32:02	0.01	1	0.01	ppb			
79	[redacted]WRH8	5/17/2007	17:34:49	0.058	1	0.058	ppb			
80	[redacted]	5/17/2007	17:36:53	0.014	1	0.014	ppb			
81	JWQGNB	5/17/2007	17:39:09	0.007	1	0.007	ppb			
82	JW5PCC	5/17/2007	17:41:15	5.27	1	5.27	ppb	5		105.4
83	JWJ22	5/17/2007	17:43:20	0.012	1	0.012	ppb			
84	JWJ22S	5/17/2007	17:45:43	4.72	1	4.72	ppb	5		94.4
85	JWJ22D	5/17/2007	17:47:57	4.74	1	4.74	ppb	5		94.8
86	JWJ22V	5/17/2007	17:50:01	-0.118	5	-0.59	ppb			
87	JWJ3A	5/17/2007	17:52:19	0.025	1	0.025	ppb			
88	CCV	5/17/2007	17:54:45	4.87	1	4.87	ppb	5	ppb	97.4%
89	CCB	5/17/2007	17:56:57	0.023	1	0.023	ppb	<0.2	ppb	✓
90	JWJ3G	5/17/2007	17:59:26	0.55	1	0.55	ppb			
91	JWJ3H	5/17/2007	18:01:32	-0.087	1	-0.087	ppb			
92	JWRMV	5/17/2007	18:03:37	0.043	1	0.043	ppb			
93	JWRM3	5/17/2007	18:05:51	-0.088	1	-0.088	ppb			
94	JWVFK	5/17/2007	18:08:17	0.028	1	0.028	ppb			

Analyst: CRuffington 5/18/07

Reviewed by: [illegible] 5/18/07

Analytical Runlog for Mercury Analysis										
Run #: AA0517E										
Instrument ID:										
Seq	Sample ID	Run Date/Time		Instr Conc.	Dilution	Final Conc.		QC Expected		% Recovery
95	JWVFT	5/17/2007	18:10:23	0.064	1	0.064	ppb			
96	JWW7DB	5/17/2007	18:12:34	0.019	1	0.019	ppb			
97	JW5PLC	5/17/2007	18:14:39	5.29	1	5.29	ppb	5		105.8
98	JV9XA	5/17/2007	18:17:05	-0.06	1	-0.06	ppb			
99	JV9XAS	5/17/2007	18:19:43	5.1	1	5.1	ppb	5		102
100	CCV	5/17/2007	18:21:47	4.65	1	4.65	ppb	5	ppb	93.0%
101	CCB	5/17/2007	18:23:54	-0.033	1	-0.033	ppb	<0.2	ppb	✓
102	JV9XAX	5/17/2007	18:25:59	0.03	1	0.03	ppb			
103	JV9XAV	5/17/2007	18:28:14	-0.003	5	-0.015	ppb			
104	JW1THB	5/17/2007	18:31:02	0.066	1	0.066	ppb			
105	JW5PNC	5/17/2007	18:33:10	5.22	1	5.22	ppb	5		104.4
106	JWGJF	5/17/2007	18:35:48	-0.028	1	-0.028	ppb			
107	JWGJFS	5/17/2007	18:38:12	5.1	1	5.1	ppb	5		102
108	JWGJFD	5/17/2007	18:40:20	4.85	1	4.85	ppb	5		97
109	JWGJFV	5/17/2007	18:42:25	-0.133	5	-0.665	ppb			
110	CCV	5/17/2007	18:44:31	4.76	1	4.76	ppb	5	ppb	95.2%
111	CCB	5/17/2007	18:46:33	0.033	1	0.033	ppb	<0.2	ppb	✓

Analyst: CBuffington 5/18/07 Page 3 of 3 Reviewed by: FL 5/18/07



C Buffington
7470A/245.2 5/17/07
Std. Hg051707

Folder: AA0517E Page 1
Protocol: HG
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 1		14:35:44 17 May 07	HG	
Hg	.000	ppb	8681					
*** Standard: 2 Rep: 1				Seq: 2		14:38:13 17 May 07	HG	
Hg	.200	ppb	23853					
*** Standard: 3 Rep: 1				Seq: 3		14:41:31 17 May 07	HG	
Hg	.500	ppb	38339					
*** Standard: 4 Rep: 1				Seq: 4		14:43:33 17 May 07	HG	
Hg	1.00	ppb	69995					
*** Standard: 5 Rep: 1				Seq: 5		14:45:36 17 May 07	HG	
Hg	5.00	ppb	332925					
*** Standard: 6 Rep: 1				Seq: 6		14:47:38 17 May 07	HG	
Hg	10.0	ppb	659751					

*** Check Standard: 4 Ck4ICV Seq: 7 14:49:59 17 May 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	2.57	2.50	ppb	.000 %

*** Check Standard: 1 Ck1CCB Seq: 8 14:52:07 17 May 07 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.141	.200	ppb	.000 %

*** Check Standard: 5 Ck5CRA Seq: 9 14:54:14 17 May 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		93.3	.187	.200	ppb	.000 %

*** Check Standard: 2 Ck2CCV Seq: 10 14:56:17 17 May 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.8	4.99	5.00	ppb	.000 %

*** Check Standard: 1 Ck1CCB Seq: 11 14:58:49 17 May 07 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.007	.200	ppb	.000 %

*** Sample ID: JW5NRB				Seq: 12	15:00:53 17 May 07	HG
Hg	-.093	ppb	.000 %	-.093		

CBuffington
7470A/245.2 5/18/07
Std. Hg 051707

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: JW5NRC				Seq: 13	15:03:16 17 May 07	HG		
Hg	.877	ppb	.000 %	.877				
*** Sample ID: JW280				Seq: 14	15:05:20 17 May 07	HG		
Hg	.045	ppb	.000 %	.045				
*** Sample ID: JW280S				Seq: 15	15:07:35 17 May 07	HG		
Hg	1.12	ppb	.000 %	1.12				
*** Sample ID: JW280D				Seq: 16	15:10:11 17 May 07	HG		
Hg	.952	ppb	.000 %	.952				
*** Sample ID: JW280V				Seq: 17	15:12:26 17 May 07	HG		
			5X					
Hg	-.137	ppb	.000 %	-.137				
*** Sample ID: JW5N0B				Seq: 18	15:15:19 17 May 07	HG		
Hg	.059	ppb	.000 %	.059				
*** Sample ID: JW5N0C				Seq: 19	15:17:52 17 May 07	HG		
Hg	.994	ppb	.000 %	.994				
*** Sample ID: JW2N7				Seq: 20	15:20:31 17 May 07	HG		
Hg	.034	ppb	.000 %	.034				
*** Sample ID: JW2N7S				Seq: 21	15:22:37 17 May 07	HG		
Hg	1.09	ppb	.000 %	1.09				

*** Check Standard: 2 Ck2CCV Seq: 22 15:24:40 17 May 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.	5.00	5.00	ppb	.000 %

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Check Standard: 1  Ck1CCB       Seq:  23      15:26:44 17 May 07   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg          -.130     .200     ppb        .000  %
                                                                              =
*** Sample ID: JW2N7D               Seq:  24      15:29:09 17 May 07   HG

Hg    1.11    ppb       .000  %   1.11
                                                                              =
===============================================================================
*** Sample ID: JW2N7V               Seq:  25      15:31:38 17 May 07   HG
                          5X
Hg    -.016   ppb       .000  %   -.016
                                                                              =
===============================================================================
*** Sample ID: JW2P3                Seq:  26      15:33:46 17 May 07   HG

Hg    -.009   ppb       .000  %   -.009
                                                                              =
===============================================================================
*** Sample ID: JW5N5B               Seq:  27      15:35:51 17 May 07   HG

Hg    -.024   ppb       .000  %   -.024
                                                                              =
===============================================================================
*** Sample ID: JW5N5C               Seq:  28      15:39:38 17 May 07   HG

Hg    1.02    ppb       .000  %   1.02
                                                                              =
===============================================================================
*** Sample ID: JW0G7                Seq:  29      15:42:43 17 May 07   HG

Hg    .144    ppb       .000  %   .144
                                                                              =
===============================================================================
*** Sample ID: JW0G7S               Seq:  30      15:45:27 17 May 07   HG

Hg    1.23    ppb       .000  %   1.23
                                                                              =
===============================================================================
*** Sample ID: JW0G7D               Seq:  31      15:47:35 17 May 07   HG

Hg    1.22    ppb       .000  %   1.22
                                                                              =
===============================================================================
*** Sample ID: JW0G7V               Seq:  32      15:49:44 17 May 07   HG
                          5X
Hg    -.063   ppb       .000  %   -.063
                                                                              =
===============================================================================
```

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Sample ID: JW0G9                 Seq:  33     15:51:48 17 May 07   HG

Hg    .108    ppb       .000  %   .108
                                                                          =
*** Check Standard: 2  Ck2CCV        Seq:  34     15:53:51 17 May 07   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          99.0     4.95    5.00  ppb         .000  %
                                                                          =
*** Check Standard: 1  Ck1CCB        Seq:  35     15:55:54 17 May 07   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg          .038     .200    ppb         .000  %
                                                                          =
*** Sample ID: JW0HA                 Seq:  36     15:58:41 17 May 07   HG

Hg    .080    ppb       .000  %   .080
                                                                          =
===============================================================================
*** Sample ID: JW0HC                 Seq:  37     16:00:45 17 May 07   HG

Hg   -.043    ppb       .000  %  -.043
                                                                          =
===============================================================================
*** Sample ID: JW0HD                 Seq:  38     16:02:51 17 May 07   HG

Hg    .060    ppb       .000  %   .060
                                                                          =
===============================================================================
*** Sample ID: JW0HE                 Seq:  39     16:04:54 17 May 07   HG

Hg    .024    ppb       .000  %   .024
                                                                          =
===============================================================================
*** Sample ID: JW0HF                 Seq:  40     16:06:59 17 May 07   HG

Hg    .098    ppb       .000  %   .098
                                                                          =
===============================================================================
*** Sample ID: JW0HJ                 Seq:  41     16:09:14 17 May 07   HG

Hg    .088    ppb       .000  %   .088
                                                                          =
===============================================================================
*** Sample ID: JW0HK                 Seq:  42     16:11:27 17 May 07   HG

Hg   -.035    ppb       .000  %  -.035
                                                                          =
===============================================================================
```

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: JW0HL				Seq: 43	16:13:41 17 May 07	HG		
Hg	.027	ppb	.000 %	.027				
*** Sample ID: JW0HN				Seq: 44	16:15:48 17 May 07	HG		
Hg	-.023	ppb	.000 %	-.023				
*** Sample ID: JW0HP				Seq: 45	16:18:23 17 May 07	HG		
Hg	.039	ppb	.000 %	.039				

*** Check Standard: 2 Ck2CCV				Seq: 46	16:20:30 17 May 07	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.0	4.80	5.00	ppb	.000 %

*** Check Standard: 1 Ck1CCB				Seq: 47	16:22:37 17 May 07	HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD	
Hg		-.025	.200	ppb	.000 %	

*** Sample ID: JW5N9B				Seq: 48	16:24:43 17 May 07	HG		
Hg	.010	ppb	.000 %	.010				
*** Sample ID: JW5N9C				Seq: 49	16:27:00 17 May 07	HG		
Hg	1.04	ppb	.000 %	1.04				
*** Sample ID: JWRGX				Seq: 50	16:29:19 17 May 07	HG		
Hg	.008	ppb	.000 %	.008				
*** Sample ID: JWRGXS				Seq: 51	16:32:16 17 May 07	HG		
Hg	1.10	ppb	.000 %	1.10				
*** Sample ID: JWRGXD				Seq: 52	16:34:22 17 May 07	HG		
Hg	1.13	ppb	.000 %	1.13				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: JWRGXV				Seq: 53	16:36:51 17 May 07	HG		
			5X					
Hg	-.120	ppb	.000 %	-.120				
*** Sample ID: JWRG3				Seq: 54	16:39:01 17 May 07	HG		
Hg	.035	ppb	.000 %	.035				
*** Sample ID: JWRG3S				Seq: 55	16:41:05 17 May 07	HG		
Hg	1.21	ppb	.000 %	1.21				
*** Sample ID: JWRG3D				Seq: 56	16:43:07 17 May 07	HG		
Hg	1.07	ppb	.000 %	1.07				
*** Sample ID: JWRG5				Seq: 57	16:45:10 17 May 07	HG		
Hg	.075	ppb	.000 %	.075				

*** Check Standard: 2 Ck2CCV Seq: 58 16:47:29 17 May 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.4	4.87	5.00	ppb	.000 %

*** Check Standard: 1 Ck1CCB Seq: 59 16:49:33 17 May 07 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.029	.200	ppb	.000 %

*** Sample ID: JWRG7				Seq: 60	16:51:40 17 May 07	HG		
Hg	.161	ppb	.000 %	.161				
*** Sample ID: JWRG8				Seq: 61	16:53:55 17 May 07	HG		
Hg	-.041	ppb	.000 %	-.041				
*** Sample ID: JWRHC				Seq: 62	16:56:03 17 May 07	HG		
Hg	.055	ppb	.000 %	.055				

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: JWRHD				Seq: 63	16:58:59 17 May 07	HG		
Hg	.279	ppb	.000 %	.279				
*** Check Standard: 2 Ck2CCV				Seq: 64	17:01:16 17 May 07	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		97.0	4.85	5.00	ppb	.000 %		
*** Check Standard: 1 Ck1CCB				Seq: 65	17:03:21 17 May 07	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.011	.200	ppb	.000 %			
*** Sample ID: JWRHH				Seq: 66	17:05:23 17 May 07	HG		
Hg	.243	ppb	.000 %	.243				
*** Sample ID: JWRHL				Seq: 67	17:07:29 17 May 07	HG		
Hg	.156	ppb	.000 %	.156				
*** Sample ID: JWRHR				Seq: 68	17:09:32 17 May 07	HG		
Hg	.077	ppb	.000 %	.077				
*** Sample ID: JWRHW				Seq: 69	17:11:40 17 May 07	HG		
Hg	.134	ppb	.000 %	.134				
*** Sample ID: JWRHX				Seq: 70	17:13:44 17 May 07	HG		
Hg	.138	ppb	.000 %	.138				
*** Sample ID: JWRH0				Seq: 71	17:15:47 17 May 07	HG		
Hg	-.027	ppb	.000 %	-.027				
*** Sample ID: JWRH1				Seq: 72	17:18:31 17 May 07	HG		
Hg	.006	ppb	.000 %	.006				

Protocol: HG

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: JWRH2				Seq: 73	17:21:30 17 May 07	HG		
Hg	.018	ppb	.000 %	.018				
*** Sample ID: JWRH3				Seq: 74	17:23:45 17 May 07	HG		
Hg	-.023	ppb	.000 %	-.023				
*** Sample ID: JWRH5				Seq: 75	17:25:49 17 May 07	HG		
Hg	.059	ppb	.000 %	.059				
*** Check Standard: 2 Ck2CCV				Seq: 76	17:27:53 17 May 07	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		97.9	4.89	5.00	ppb	.000 %		
*** Check Standard: 1 Ck1CCB				Seq: 77	17:29:58 17 May 07	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.042	.200	ppb	.000 %			
*** Sample ID: JWRH6				Seq: 78	17:32:02 17 May 07	HG		
Hg	.010	ppb	.000 %	.010				
*** Sample ID: JWRH8				Seq: 79	17:34:49 17 May 07	HG		
Hg	.058	ppb	.000 %	.058				
*** Sample ID: JWRH9				Seq: 80	17:36:53 17 May 07	HG		
Hg	.014	ppb	.000 %	.014				
*** Sample ID: JWQGNB				Seq: 81	17:39:09 17 May 07	HG		
Hg	.007	ppb	.000 %	.007				
*** Sample ID: JW5PCC				Seq: 82	17:41:15 17 May 07	HG		
Hg	5.27	ppb	.000 %	5.27				

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: JWJ22				Seq: 83	17:43:20 17 May 07	HG		
Hg	.012	ppb	.000 %	.012				
*** Sample ID: JWJ22S				Seq: 84	17:45:43 17 May 07	HG		
Hg	4.72	ppb	.000 %	4.72				
*** Sample ID: JWJ22D				Seq: 85	17:47:57 17 May 07	HG		
Hg	4.74	ppb	.000 %	4.74				
*** Sample ID: JWJ22V				Seq: 86	17:50:01 17 May 07	HG		
			5X					
Hg	-.118	ppb	.000 %	-.118				
*** Sample ID: JWJ3A				Seq: 87	17:52:19 17 May 07	HG		
Hg	.025	ppb	.000 %	.025				

*** Check Standard: 2 Ck2CCV Seq: 88 17:54:45 17 May 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.4	4.87	5.00	ppb	.000 %

*** Check Standard: 1 Ck1CCB Seq: 89 17:56:57 17 May 07 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.023	.200	ppb	.000 %

*** Sample ID: JWJ3G				Seq: 90	17:59:26 17 May 07	HG		
Hg	.550	ppb	.000 %	.550				
*** Sample ID: JWJ3H				Seq: 91	18:01:32 17 May 07	HG		
Hg	-.087	ppb	.000 %	-.087				
*** Sample ID: JWRMV				Seq: 92	18:03:37 17 May 07	HG		
Hg	.043	ppb	.000 %	.043				

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: JWRM3				Seq: 93	18:05:51 17 May 07	HG		
Hg	-.088	ppb	.000 %	-.088				
*** Sample ID: JWVFK				Seq: 94	18:08:17 17 May 07	HG		
Hg	.028	ppb	.000 %	.028				
*** Sample ID: JWVFT				Seq: 95	18:10:23 17 May 07	HG		
Hg	.064	ppb	.000 %	.064				
*** Sample ID: JWW7DB				Seq: 96	18:12:34 17 May 07	HG		
Hg	.019	ppb	.000 %	.019				
*** Sample ID: JW5PLC				Seq: 97	18:14:39 17 May 07	HG		
Hg	5.29	ppb	.000 %	5.29				
*** Sample ID: JV9XA				Seq: 98	18:17:05 17 May 07	HG		
Hg	-.060	ppb	.000 %	-.060				
*** Sample ID: JV9XAS				Seq: 99	18:19:43 17 May 07	HG		
Hg	5.10	ppb	.000 %	5.10				

*** Check Standard: 2 Ck2CCV Seq: 100 18:21:47 17 May 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		93.0	4.65	5.00	ppb	.000 %

*** Check Standard: 1 Ck1CCB Seq: 101 18:23:54 17 May 07 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.033	.200	ppb	.000 %

*** Sample ID: JV9XAX				Seq: 102	18:25:59 17 May 07	HG		
Hg	.030	ppb	.000 %	.030				

Protocol: HG

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: JV9XAV				Seq: 103	18:28:14 17 May 07	HG		
			5X					
Hg	-.003	ppb	.000 %	-.003				
*** Sample ID: JW1THB				Seq: 104	18:31:02 17 May 07	HG		
Hg	.066	ppb	.000 %	.066				
*** Sample ID: JW5PNC				Seq: 105	18:33:10 17 May 07	HG		
Hg	5.22	ppb	.000 %	5.22				
*** Sample ID: JWGJF				Seq: 106	18:35:48 17 May 07	HG		
Hg	-.028	ppb	.000 %	-.028				
*** Sample ID: JWGJFS				Seq: 107	18:38:12 17 May 07	HG		
Hg	5.10	ppb	.000 %	5.10				
*** Sample ID: JWGJFD				Seq: 108	18:40:20 17 May 07	HG		
Hg	4.85	ppb	.000 %	4.85				
*** Sample ID: JWGJFV				Seq: 109	18:42:25 17 May 07	HG		
			5X					
Hg	-.133	ppb	.000 %	-.133				

*** Check Standard: 2 Ck2CCV			Seq: 110	18:44:31 17 May 07	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD	
Hg		95.2	4.76	5.00	ppb	.000 %	

*** Check Standard: 1 Ck1CCB			Seq: 111	18:46:33 17 May 07	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD		
Hg		.033	.200	ppb	.000 %		

METALS MISCELLANEOUS DATA

SEVERN TRENT **STL**

Metals Prep Report for Batch # 7136320

STL St. Louis
13715 Rider Trail North
Earth City, MO 63045

Prep Method: SW-846 6020, Water 2% **SOP Number:** STL-IP-0013, Rev 6

Extraction Code: GJ **Extraction:** TOTAL **Matrix:** WATER **Prep Date:** 5/16/2007

Standard Log Ref#: MET-05/07-H2O

Lot ID	Work Order #	Initial Wt/Vol	Final Volume	Lab Filtered	Due Date	Sample Location	Target List
F7E110218-001	JWRGX	50 mL	50 mL	☐	05/29/2007	METS	AG AL AS B BA BE CA CD CO CR CU FE K MG MN MO NA NI PB PT SB SE SN SR TI TL U V W ZN
F7E110218-001D	JWRGXD	50 mL	50 mL	☐		METS	
F7E110218-001S	JWRGXS	50 mL	50 mL	☐		METS	
F7E110218-002	JWRG3	50 mL	50 mL	☐	05/29/2007	METS	
F7E110218-002D	JWRG3D	50 mL	50 mL	☐		METS	
F7E110218-002S	JWRG3S	50 mL	50 mL	☐		METS	
F7E110218-003	JWRG5	50 mL	50 mL	☐	05/29/2007	METS	
F7E110218-004	JWRG7	50 mL	50 mL	☐	05/29/2007	METS	
F7E110218-005	JWRG8	50 mL	50 mL	☐	05/29/2007	METS	
F7E110218-006	JWRHC	50 mL	50 mL	☐	05/29/2007	METS	
F7E110218-007	JWRHD	50 mL	50 mL	☐	05/29/2007	METS	
F7E110218-008	JWRHH	50 mL	50 mL	☐	05/29/2007	METS	
F7E110218-009	JWRHL	50 mL	50 mL	☐	05/29/2007	METS	
F7E110218-010	JWRHR	50 mL	50 mL	☐	05/29/2007	METS	
F7E110218-011	JWRHW	50 mL	50 mL	☐	05/29/2007	METS	
F7E110218-012	JWRHX	50 mL	50 mL	☐	05/29/2007	METS	
F7E110218-013	JWRH0	50 mL	50 mL	☐	05/29/2007	METS	
F7E110218-014	JWRH1	50 mL	50 mL	☐	05/29/2007	METS	

QC Suffix: B=reagent blank, C=lab control sample, L=lab control sample duplicate, X=sample duplicate, S=matrix spike, D=matrix spike duplicate

PrepSheet Generator 1.22, updated 8/21/2006

F7E110218-015	JWRH2		50 mL	50 mL	☐	05/29/2007	METS
F7E110218-016	JWRH3		50 mL	50 mL	☐	05/29/2007	METS
F7E110218-017	JWRH5		50 mL	50 mL	☐	05/29/2007	METS
F7E110218-018	JWRH6		50 mL	50 mL	☐	05/29/2007	METS
F7E110218-019	JWRH8		50 mL	50 mL	☐	05/29/2007	METS
F7E110218-020	JWRH9		50 mL	50 mL	☐	05/29/2007	METS
F7E160000-320B	JW3MLB		50 mL	50 mL	☐		
F7E160000-320C	JW3MLC		50 mL	50 mL	☐		

Comments:

Chemical Lot Information

Chemical	Lot Number
Hydrochloric Acid	C42A22
Nitric Acid	E02054

Custody Information

Relinquished By: BS

Review/Received By: R

Date of Transfer: 5-17-07

QC Suffix: B=reagent blank, C=lab control sample, L=lab control sample duplicate, X=sample duplicate, S=matrix spike, D=matrix spike duplicate

PrepSheet Generator 1.22, updated 8/21/2006

SEVERN TRENT **STL** Mercury Prep Report for Batch # 7137176

STL St. Louis
13715 Rider Trail North
Earth City, MO 63045

Prep Method: SW-846 7470A **SOP Number:** STL-MT-0005, Rev 0

Extraction Code: 19 **Extraction:** TOTAL **Matrix:** WATER **Prep Date:** 5/17/2007

Time In: 12:15 **Temp In:** 95 C

Time Out: 14:15 **Temp Out:** 95 C **Standard Log Ref#:** Hg051707

Lot ID	Work Order #	Initial Wt/Vol	Final Volume	Lab Filtered	Due Date	Sample Location
F7E110218-001	JWRGX	30 mL	30 mL	☐	05/29/2007	METS
F7E110218-001D	JWRGXD	30 mL	30 mL	☐		METS
F7E110218-001S	JWRGXS	30 mL	30 mL	☐		METS
F7E110218-002	JWRG3	30 mL	30 mL	☐	05/29/2007	METS
F7E110218-002D	JWRG3D	30 mL	30 mL	☐		METS
F7E110218-002S	JWRG3S	30 mL	30 mL	☐		METS
F7E110218-003	JWRG5	30 mL	30 mL	☐	05/29/2007	METS
F7E110218-004	JWRG7	30 mL	30 mL	☐	05/29/2007	METS
F7E110218-005	JWRG8	30 mL	30 mL	☐	05/29/2007	METS
F7E110218-006	JWRHC	30 mL	30 mL	☐	05/29/2007	METS
F7E110218-007	JWRHD	30 mL	30 mL	☐	05/29/2007	METS
F7E110218-008	JWRHH	30 mL	30 mL	☐	05/29/2007	METS
F7E110218-009	JWRHL	30 mL	30 mL	☐	05/29/2007	METS
F7E110218-010	JWRHR	30 mL	30 mL	☐	05/29/2007	METS
F7E110218-011	JWRHW	30 mL	30 mL	☐	05/29/2007	METS
F7E110218-012	JWRHX	30 mL	30 mL	☐	05/29/2007	METS
F7E110218-013	JWRH0	30 mL	30 mL	☐	05/29/2007	METS

QC Suffix: B=reagent blank, C=lab control sample, L=lab control sample duplicate, X=sample duplicate, S=matrix spike, D=matrix spike duplicate

PrepSheet Generator 1.16, updated 2/7/2005

F7E110218-014	JWRH1		30 mL	30 mL	☐	05/29/2007	METS
F7E110218-015	JWRH2		30 mL	30 mL	☐	05/29/2007	METS
F7E110218-016	JWRH3		30 mL	30 mL	☐	05/29/2007	METS
F7E110218-017	JWRH5		30 mL	30 mL	☐	05/29/2007	METS
F7E110218-018	JWRH6		30 mL	30 mL	☐	05/29/2007	METS
F7E110218-019	JWRH8		30 mL	30 mL	☐	05/29/2007	METS
F7E110218-020	JWRH9		30 mL	30 mL	☐	05/29/2007	METS
F7E170000-176B	JW5N9B		30 mL	30 mL	☐		
F7E170000-176C	JW5N9C		30 mL	30 mL	☐		

Comments:

Custody Information

Relinquished By: CB

Review/Received By: CB

Date of Transfer: 5/17/07

QC Suffix: B=reagent blank, C=lab control sample, L=lab control sample duplicate, X=sample duplicate, S=matrix spike, D=matrix spike duplicate

PrepSheet Generator 1.16, updated 2/7/2005

WET CHEMISTRY

(ALPHABETICALLY BY ANALYSIS)

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705
phone 714-258-8610 fax 714-258-0921

Chain of Custody Record

FTE110199

Severn Trent Laboratories, Inc.

Client Contact	Project Manager: Robert Kennedy	Site Contact: Brian Ho	Date: 5-10-07	COC No: 05007-3
ENSR	Tel/Fax: (978) 589-3324	Lab Contact: ~~Melania Harris~~ Jerry Everett	Carrier: FED EX	1 of 2 COCs
2 Technology Park Dr.	Analysis Turnaround Time			Job No. 04020-023-401
Westford/MA/01886-3140	Calendar (C) or Work Days (W)			SDG No.
(978) 589-3324 Phone	TAT if different from Below 21 DAYS			
(978) 589-3282 FAX	☐ 2 weeks			
Project Name: Source Area Investigation	☐ 1 week			
Site: Henderson, NV	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Hexavalent Chromium (7199)	Sample Specific Notes:
M48-L	5/10/07	1405		W	1		X	
M48-F		1407		W	1	X	X	
M48-Z		1409		W	1		X	
M5A-L		1450		W	1		X	
M5A-F		1455		W	1	X	X	
M5A-Z		1457		W	1		X	
M39-L		1200		W	1		X	
M39-LD		—		W	1		X	
M39-F		1230		W	1	X	X	
M39-FD		—		W	1	X	X	
M39-Z		1240		W	1		X	
M39-ZD		—		W	1		X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
Coordinate sample reception with ~~Melania Harris~~ (STL - St. Louis)
Jerry Everett

Short Hold Time !!

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
ZOE DIERMIER	ENSR	5/10/07 16:25		STL LA	5/11/07 0915
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

3.0-0.2=2.8°C

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705
phone 714-258-8610 fax 714-258-0921

Chain of Custody Record

F7E110199

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

Client Contact	Project Manager: Robert Kennedy	Site Contact: Brian Hu	Date: 5-10-07	COC No: 051007-4
ENSR	Tel/Fax: (978) 589-3324	Lab Contact: ~~Melania Harris~~	Carrier: FEX EX	2 of 2 COCs
2 Technology Park Dr.	Analysis Turnaround Time	Jerry Everett		Job No. 04020-023-401
Westford/MA/01886-3140	Calendar (C) or Work Days (W)			SDG No.
(978) 589-3324 Phone	TAT if different from Below 21 DAYS			
(978) 589-3282 FAX	☐ 2 weeks			
Project Name: Source Area Investigation	☐ 1 week			
Site: Henderson, NV	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Hexavalent Chromium (7199)	Sample Specific Notes:
EB051007-2	5/10/07	1600		W	1		X	
EB051007-F		1615		W	1	X	X	
M95-L		1445		W	1		X	
M95-LD		—		W	1		X	
M95-F		1530		W	1	X	X	
M95-FD		—		W	1	X	X	
M95-2		1545		W	1		X	
M95-2D	↓	—		W	1		X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
Coordinate sample reception with ~~Melania Harris~~ (STL - St. Louis)
Jerry Everett

Short Hold Time!!

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
ZOE DIERMIER	ENSR	5/11/07 1625		STL LA	5/11/07 0915
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

STL LOS ANGELES - PROJECT RECEIPT CHECKLIST Date: 5-11-07

Single Cooler Only

LIMS Lot #: F7E110199 Quote #:

Client Name: ENSR Project: HENDERSON NV

Received by: K FREITAG Date/Time Received: 5-11-07 0915

Delivered by : ☐ Client ☐ STL ☐ DHL ☑ Fed Ex ☐ UPS ☐ Other

********** Initial / Date

Custody Seal Status Cooler: ☑ Intact ☐ Broken ☐ None ..... (B) 5/11

Custody Seal Status Samples: ☐ Intact ☐ Broken ☑ None .....

Custody Seal #(s): ☑ No Seal #.....

Sampler Signature on COC ☑ Yes ☐ No ☐ N/A.....

IR Gun # B Correction Factor -.2 °C IR passed daily verification ☑ Yes ☐ No .....

Temperature - **BLANK** 3.0 °C - .2 CF = 2.8 °C ...**Cooler #1 ID**.....

Temperature – **COOLER** (°C °C °C °C) = avg °C - .2 CF = N/A °C.....

Samples outside temperature criteria but received within 6 hours of final sampling ☐ Yes ☒ N/A...

Sample Container(s): ☐ STL-LA ☒ Client .....

pH measured: ☐ Yes ☐ Anomaly (if checked, notify lab and file NCM) ☐ N/A..

Anomalies: ☐ No ☒ Yes – complete CUR and Create NCM .....

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times. ☐ Yes ☒ No.....

Labeled by: LAB .....

****

Turn Around Time: ☐ RUSH–24HR ☐ RUSH–48HR ☐ RUSH–72HR ☒ NORMAL..... (B) 5/11

********** LEAVE NO BLANK SPACES ; USE N/A **********

Headspace Anomaly ☐ YES ☒ N/A GR5/11/07

Lab ID	Container(s) #	Headspace	Lab ID	Container(s) #	Headspace
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm

LIMS Lot # F7E110199

PROJECT RECEIPT CHECKLIST Cont'd

Fraction	1/20													
VOAH														
250 PB	1													

GL 5/11/07

H: HCL, S: H2SO4, N: HNO3, V: VOA, SL, Sleeve, E: Encore, PB: Poly Bottle, CGB: Clear Glass Bottle, AGJ: Amber Glass Jar, T: Terracore
AGB: Amber Glass Bottle, n/f/l:HNO3-Lab filtered, n/f:HNO3-Field filtered, znna: Zinc Acetate/Sodium Hydroxide, Na2s2o3: sodium thiosulfate

Condition Upon Receipt Anomaly Form

Anomalies ☒ YES ☐ N/A GL 5/11/07

- **COOLERS**
  - ☐ Not Received (received COC only)
  - ☐ Leaking
  - ☐ Other:
- **TEMPERATURE (SPECS 4 ± 2°C)**
  - ☐ Cooler Temp(s)
  - ☐ Temperature Blank(s)
- **CONTAINERS**
  - ☐ Leaking ☐ Voa Vials with Bubbles > 6mm
  - ☐ Broken
  - ☐ Extra
  - ☐ Without Labels
  - ☒ Other:
- **SAMPLES**
  - ☐ Samples NOT RECEIVED but listed on COC
  - ☐ Samples received but NOT LISTED on COC
  - ☐ Logged based on Label Information
  - ☐ Logged based on info from other samples on COC
  - ☐ Logged according to Work Plan
  - ☐ Logged on HOLD UNTIL FURTHER NOTICE
- **CUSTODY SEALS (COOLER(S))** / **CONTAINER(S)**
  - ☐ None / ☐ None
  - ☐ Not Intact / ☐ Not Intact
  - ☐ Other / ☐ Other
- **CHAIN OF CUSTODY (COC)**
  - ☐ Not relinquished by Client; No date/time relinquished
  - ☐ Incomplete information provided
  - ☐ Other ☐ COC not received – notify PM
- **LABELS**
  - ☐ Not the same ID/info as in COC
  - ☐ Incomplete Information
  - ☐ Markings/Info illegible
  - ☐ Torn
- ☐ Will be noted on COC--Client to send samples with new COC
- ☐ Mislabeled as to tests, preservatives, etc.
- ☐ Holding time expired – list sample ID and test
- ☐ Improper container used
- ☐ Not preserved/Improper preservative used
- ☐ Improper pH _____ Lab to preserve sample and document
- ☐ Insufficient quantities for analysis ☐ Other

Comments:
<50% HT Remaining on all Samples

☐ Corrective Action Implemented:
☐ Client Informed: verbally on _____ By: _____ ☐ In writing on _____ By: _____
☐ Sample(s) on hold until: _____ ☐ Sample(s) processed "as is."

Logged by/Date: Logged in by other STL ☒ 5/11/07

PM Review/Date: Quant 5-14-07

STL

STL LA Raw Data

STL

Classical Chemistry
Extended Raw Data

Lot ID: F7E110199

I certify that, to the best of my knowledge, the attached package is a complete and accurate representation of the original data.

Signature / Date: 06/01/07

STL

Classical Chemistry

Preparation Notes
Initial Calibration
Sample Raw Data

STL Los Angeles

Hexavalent Chromium by Ion Chromatography

SOP: SANA-WC-0009

Analytical Method: 7199 ✓

218.6

IC File: CrVI051107

Calibration Check Standards (ug/L)

ICV 7.5

CCV 15

Analyst: YZ

Reviewer/Date:

Batch(s): 7131418 7131531

				For Soil Sample Data Reduction			EPA 218.6	SW 7199 Water	SW 7199 Soil		
Date/Time Collected	Dilution Factor	Injection Number	Sample Name	Beaker Number	Sample Name	Wet Sample Weight (g)	Cr+6 ug/L	Average Cr+6 mg/L	Total Cr+6 mg/Kg	RPD <20% for 7199	Calibration Check % Recovery ICV/CCV
5/11/07 07:38	1	1	ICV/LCS 7.50 ppb		#N/A	#N/A	7.499746819				100.0
5/11/07 07:47	1	2	ICB/MB 051107		#N/A	#N/A		0.00375	#N/A	100.00000	
5/11/07 07:57	1	3	JWTL0		#N/A	#N/A					
5/11/07 08:06	1	4	JWTL0		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/11/07 08:16	1	5	JWTGA		#N/A	#N/A	0.653005051				
5/11/07 08:25	1	6	JWTGA		#N/A	#N/A	0.638793062	0.00065	#N/A	2.20034	
5/11/07 08:34	1	7	JWTKN REF.		#N/A	#N/A					
5/11/07 08:44	1	8	JWTKN REF.		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/11/07 08:53	1	9	JWTKD REF.		#N/A	#N/A					
5/11/07 09:03	1	10	JWTKD REF.		#N/A	#N/A	0.142064083	0.00007	#N/A	100.00000	
5/11/07 09:12	1	11	JWTLL REF.		#N/A	#N/A					
5/11/07 09:22	1	12	JWTLL REF.		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/11/07 09:31	1	13	CCV 15.0 ppb		#N/A	#N/A	14.48936208				96.6
5/11/07 09:41	1	14	CCB		#N/A	#N/A		0.00724	#N/A	100.00000	
5/11/07 09:50	1	15	JWTL3		#N/A	#N/A					
5/11/07 09:59	1	16	JWTL3		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/11/07 10:09	1	17	JWTKDX REF.		#N/A	#N/A					
5/11/07 10:18	1	18	JWTKDX REF.		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/11/07 10:28	1	19	LCS 7.50 ppb		#N/A	#N/A	7.495374178				
5/11/07 10:37	1	20	MB 051107		#N/A	#N/A		0.00375	#N/A	100.00000	
5/11/07 10:57	5	21	JWTKDS REF.		#N/A	#N/A					
5/11/07 11:06	5	22	JWTKDS REF.		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/11/07 11:16	250	23	JWRAE		#N/A	#N/A	4683.939612				
5/11/07 11:25	250	24	JWRAE		#N/A	#N/A	4824.720995	4.75433	#N/A	2.96112	
5/11/07 11:35	1	25	CCV 15.0 ppb		#N/A	#N/A	14.79309312				98.6
5/11/07 11:44	1	26	CCB		#N/A	#N/A		0.00740	#N/A	100.00000	
5/11/07 11:54	250	27	JWRAG		#N/A	#N/A	4805.145054				

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STL Los Angeles

Hexavalent Chromium by Ion Chromatography

SOP: SANA-WC-0009

Analytical Method: 7199 ✓

218.6

IC File: CrVI051107

Calibration Check Standards (ug/L)

ICV 7.5

CCV 15

Analyst: YZ

Reviewer/Date:

Batch(s): 7131418 7131531

				For Soil Sample Data Reduction			EPA 218.6	SW 7199 Water	SW 7199 Soil		
Date/Time Collected	Dilution Factor	Injection Number	Sample Name	Beaker Number	Sample Name	Wet Sample Weight (g)	Cr+6 ug/L	Average Cr+6 mg/L	Total Cr+6 mg/Kg	RPD <20% for 7199	Calibration Check % Recovery ICV/CCV
5/11/07 12:03	250	28	JWRAG		#N/A	#N/A	4832.972037	4.81906	#N/A	0.57744	
5/11/07 12:13	250	29	JWRAL		#N/A	#N/A	4685.146425				
5/11/07 12:22	250	30	JWRAL		#N/A	#N/A	4844.583312	4.76486	#N/A	3.34609	
5/11/07 12:31	250	31	JWRAR		#N/A	#N/A	4704.169057				
5/11/07 12:41	250	32	JWRAR		#N/A	#N/A	4535.31544	4.61974	#N/A	3.65504	
5/11/07 12:50	250	33	JWRAX		#N/A	#N/A	4728.350926				
5/11/07 13:00	250	34	JWRAX		#N/A	#N/A	4720.603845	4.72448	#N/A	0.16398	
5/11/07 13:09	250	35	JWRA0		#N/A	#N/A	4546.612674				
5/11/07 13:21	250	36	JWRA0		#N/A	#N/A	4727.061864	4.63684	#N/A	3.89164	
5/11/07 13:30	1	37	CCV 15.0 ppb		#N/A	#N/A	15.10735199				100.7
5/11/07 13:39	1	38	CCB		#N/A	#N/A		0.00755	#N/A	100.00000	
5/11/07 13:50	100	39	JWQ9W		#N/A	#N/A	1237.315354				
5/11/07 13:59	100	40	JWQ9W		#N/A	#N/A	1152.109875	1.19471	#N/A	7.13188	
5/11/07 14:09	100	41	JWQ93		#N/A	#N/A	1127.575233				
5/11/07 14:18	100	42	JWQ93		#N/A	#N/A	1104.411005	1.11599	#N/A	2.07566	
5/11/07 14:27	100	43	JWQ94		#N/A	#N/A	1063.589323				
5/11/07 14:37	100	44	JWQ94		#N/A	#N/A	1024.242137	1.04392	#N/A	3.76919	
5/11/07 14:46	1	45	JWQ97 REF.		#N/A	#N/A					
5/11/07 14:56	1	46	JWQ97 REF.		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/11/07 15:05	1	47	JWQ98 REF.		#N/A	#N/A					
5/11/07 15:15	1	48	JWQ98 REF.		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/11/07 15:24	1	49	CCV 15.0 ppb		#N/A	#N/A	15.01591535				100.1
5/11/07 15:34	1	50	CCB		#N/A	#N/A		0.00751	#N/A	100.00000	
5/11/07 15:43	5	51	JWRAA		#N/A	#N/A					
5/11/07 15:52	5	52	JWRAA		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/11/07 16:02	200	53	JWRA2		#N/A	#N/A	1544.266765				
5/11/07 16:11	200	54	JWRA2		#N/A	#N/A	1612.01159	1.57814	#N/A	4.29270	

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STL Los Angeles

Hexavalent Chromium by Ion Chromatography

SOP: SANA-WC-0809

Analytical Method: 7199 ✓

218.6____

IC File: CrVI051107

Calibration Check Standards (ug/L)

ICV 7.5

CCV 15

Analyst: YZ

Reviewer/Date:

Batch(s): 7131418 7131531

				For Soil Sample Data Reduction			EPA 218.6	SW 7199 Water	SW 7199 Soil		
Date/Time Collected	Dilution Factor	Injection Number	Sample Name	Beaker Number	Sample Name	Wet Sample Weight (g)	Cr+6 ug/L	Average Cr+6 mg/L	Total Cr+6 mg/Kg	RPD <20% for 7199	Calibration Check % Recovery ICV/CCV
5/11/07 16:21	200	55	JWRA4		#N/A	#N/A	1641.078584				
5/11/07 16:30	200	56	JWRA4		#N/A	#N/A	1644.786057	1.64293	#N/A	0.22566	
5/11/07 16:40	200	57	JWRA7		#N/A	#N/A	1568.310905				
5/11/07 16:49	200	58	JWRA7		#N/A	#N/A	1464.885093	1.51660	#N/A	6.81959	
5/11/07 16:58	200	59	JWRA8		#N/A	#N/A	1549.836947				
5/11/07 17:08	200	60	JWRA8		#N/A	#N/A	1321.544428	1.43569	#N/A	15.90123	
5/11/07 17:17	1	61	CCV 15.0 ppb		#N/A	#N/A	15.02998436				100.2
5/11/07 17:27	1	62	CCB		#N/A	#N/A		0.00751	#N/A	100.00000	
5/11/07 17:36	200	63	JWRCA		#N/A	#N/A	1644.742989				
5/11/07 17:46	200	64	JWRCA		#N/A	#N/A	1644.947564	1.64485	#N/A	0.01244	
5/11/07 17:55	200	65	JWRCD		#N/A	#N/A	1625.211462				
5/11/07 18:04	200	66	JWRCD		#N/A	#N/A	1669.696351	1.64745	#N/A	2.70022	
5/11/07 18:14	1	67	JWRCE		#N/A	#N/A	0.644594746				
5/11/07 18:23	1	68	JWRCE		#N/A	#N/A	0.622247023	0.00063	#N/A	3.52810	
5/11/07 18:33	1	69	JWRCH		#N/A	#N/A	0.481359464				
5/11/07 18:42	1	70	JWRCH		#N/A	#N/A	0.469629302	0.00048	#N/A	2.46694	
5/11/07 19:14	100	71	JWQ9WX		#N/A	#N/A	1033.779399				
5/11/07 19:23	100	72	JWQ9WX		#N/A	#N/A	965.9137428	0.99985	#N/A	6.78761	
5/11/07 19:33	1	73	CCV 15.0 ppb		#N/A	#N/A	15.20804834				101.4
5/11/07 19:42	1	74	CCB		#N/A	#N/A		0.00760	#N/A	100.00000	
5/11/07 19:51	100	75	JWQ93X		#N/A	#N/A	1031.775521				
5/11/07 20:01	100	76	JWQ93X		#N/A	#N/A	1062.502743	1.04714	#N/A	2.93440	
5/11/07 20:10	100	77	JWQ94X		#N/A	#N/A	1201.040382				
5/11/07 20:20	100	78	JWQ94X		#N/A	#N/A	1269.607993	1.23532	#N/A	5.55058	
5/11/07 20:29	100	79	JWQ9WS ✓ X 5/14/07		#N/A	#N/A	985.1862612				
5/11/07 20:39	100	80	JWQ9WS ✓ X 5/14/07		#N/A	#N/A	993.4574909	0.98932	#N/A	0.83605	
5/11/07 20:48	100	81	JWQ93S		#N/A	#N/A	2019.619052				

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STL Los Angeles

Hexavalent Chromium by Ion Chromatography

SOP: SANA-WC-0009

Analytical Method: 7199 ✓

218.6____

IC File: CrVI051107

Calibration Check Standards (ug/L)

ICV 7.5

CCV 15

Analyst: YZ

Reviewer/Date:

Batch(s): 7131418 7131531

				For Soil Sample Data Reduction			EPA 218.6	SW 7199 Water	SW 7199 Soil		
Date/Time Collected	Dilution Factor	Injection Number	Sample Name	Beaker Number	Sample Name	Wet Sample Weight (g)	Cr+6 ug/L	Average Cr+6 mg/L	Total Cr+6 mg/Kg	RPD <20% for 7199	Calibration Check % Recovery ICV/CCV
5/11/07 20:57	100	82	JWQ93S		#N/A	#N/A	2022.943695	2.02128	#N/A	0.16448	
5/11/07 21:07	100	83	JWQ94S		#N/A	#N/A	2171.530032				
5/11/07 21:16	100	84	JWQ94S		#N/A	#N/A	2178.051607	2.17479	#N/A	0.29987	
5/11/07 21:26	1	85	CCV 15.0 ppb		#N/A	#N/A	14.33823381				95.6
5/11/07 21:35	1	86	CCB		#N/A	#N/A		0.00717	#N/A	100.00000	
5/11/07 21:45	10	87	JWTKN		#N/A	#N/A					
5/11/07 21:54	10	88	JWTKN		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/11/07 22:03	10	89	JWTKN spkd 5 ppb		#N/A	#N/A	47.80305283				
5/11/07 22:13	10	90	JWTKN spkd 5 ppb		#N/A	#N/A	49.00074364	0.04840	#N/A	2.47447	
5/11/07 22:22	10	91	JWTKD		#N/A	#N/A					
5/11/07 22:32	10	92	JWTKD		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/11/07 22:41	10	93	JWTKD spkd 5 ppb		#N/A	#N/A					
5/11/07 22:51	10	94	JWTKD spkd 5 ppb		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/11/07 23:00	10	95	JWTLL		#N/A	#N/A					
5/11/07 23:10	10	96	JWTLL		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/11/07 23:19	10	97	JWTLL spkd 5 ppb		#N/A	#N/A					
5/11/07 23:28	10	98	JWTLL spkd 5 ppb		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/11/07 23:38	1	99	CCV 15.0 ppb		#N/A	#N/A	14.17171755				94.5
5/11/07 23:47	1	100	CCB		#N/A	#N/A		0.00709	#N/A	100.00000	
5/11/07 23:57	10	101	JWTL3 REF.		#N/A	#N/A					
5/12/07 00:06	10	102	JWTL3 REF.		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/12/07 00:16	10	103	JWTL3 spkd 5 ppb REF.		#N/A	#N/A					
5/12/07 00:25	10	104	JWTL3 spkd 5 ppb REF.		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/12/07 00:34	1	105	JWTGAX REF.		#N/A	#N/A	0.810707238				
5/12/07 00:44	1	106	JWTGAX REF.		#N/A	#N/A	0.8183459	0.00081	#N/A	0.93780	
5/12/07 00:53	1	107	JWTGAS REF.		#N/A	#N/A	10.66186887				
5/12/07 01:03	1	108	JWTGAS REF.		#N/A	#N/A	10.34335699	0.01050	#N/A	3.03269	

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STL Los Angeles

Hexavalent Chromium by Ion Chromatography

SOP: SANA-WC-0009

Analytical Method: 7199____

218.6____

IC File: CrVI051107

Calibration Check Standards (ug/L)

ICV 7.5

CCV 15

Analyst: YZ

Reviewer/Date:

Batch(s): 7131418 7131531

				For Soil Sample Data Reduction			EPA 218.6	SW 7199 Water	SW 7199 Soil		
Date/Time Collected	Dilution Factor	Injection Number	Sample Name	Beaker Number	Sample: Name	Wet Sample Weight (g)	Cr+6 ug/L	Average Cr+6 mg/L	Total Cr+6 mg/Kg	RPD <20% for 7199	Calibration Check % Recovery ICV/CCV
5/12/07 01:12	1	109	JWRAA REF.		#N/A	#N/A					
5/12/07 01:22	1	110	JWRAA REF.		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/12/07 01:31	1	111	CCV 15.0 ppb REF.		#N/A	#N/A	13.24093429				88.3
5/12/07 01:40	1	112	CCB REF.		#N/A	#N/A		0.00662	#N/A	100.00000	
5/12/07 01:50	5	113	JWQ97 REF.		#N/A	#N/A					
5/12/07 01:59	5	114	JWQ97 REF.		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/12/07 02:09	5	115	JWQ97 spkd 5 ppb REF.		#N/A	#N/A	22.43977238				
5/12/07 02:18	5	116	JWQ97 spkd 5 ppb REF.		#N/A	#N/A	22.29063303	0.02237	#N/A	0.66684	
5/12/07 02:28	5	117	JWQ98 REF.		#N/A	#N/A					
5/12/07 02:37	5	118	JWQ98 REF.		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/12/07 02:46	1	119	CCV 15.0 ppb		#N/A	#N/A	14.8956109				99.3
5/12/07 02:56	1	120	CCB		#N/A	#N/A		0.00745	#N/A	100.00000	
					#N/A	#N/A					
					#N/A	#N/A		0.00000	#N/A	#DIV/0!	
					#N/A	#N/A					
					#N/A	#N/A		0.00000	#N/A	#DIV/0!	
					#N/A	#N/A					
					#N/A	#N/A		0.00000	#N/A	#DIV/0!	
					#N/A	#N/A					
					#N/A	#N/A		0.00000	#N/A	#DIV/0!	
					#N/A	#N/A					
					#N/A	#N/A		0.00000	#N/A	#DIV/0!	
					#N/A	#N/A					
					#N/A	#N/A		0.00000	#N/A	#DIV/0!	
					#N/A	#N/A					
					#N/A	#N/A		0.00000	#N/A	#DIV/0!	
					#N/A	#N/A					

Saved as:IC_Cr+6051107.xls
Saved on:5/12/07

n:\Inorganics\wetchem\Wrkshts\A_IC_Cr+6.xls
ver.04/04/2003

RQC050

Severn Trent Laboratories, Inc.
WET CHEM BATCHSHEET

Run Date: 5/11/07
Time: 14:47:47

STL Los Angeles

PRODUCTION FIGURES - WET CHEM

TOTAL NUMBER	SAMPLE NUMBER	QC	RE-RUN MATRIX	RE-RUN OTHER	MISC NUMBER	TOTAL HOURS	EXPANDED DELIVERABLE

METHOD: 2X Chromium, Hexavalent by Ion Chromatography (7199)
QC BATCH #: **7131418**
PREP DATE: 5/11/07 10:28
COMP DATE: 5/11/07 10:28
USER: ZAKHRABY

INITIALS:
PREP _____
ANAL _____

DATA ENTRY:
INITIALS _____
DATE _____

Work Order	Lab Number	Structured Analysis	Exp. Del.	Analysis Date	Sample ID:	Sample pH	Adj. pH
JWTEJ-1-AA	E-7E110000-418-B	XX I 87 2X 01			INTRA-LAB BLANK		
JWTEJ-1-AC	E-7E110000-418-C	XX I 87 2X 01			INTRA-LAB CHECK		
JWQ9W-1-AA	F-7E110199-001	XX I 87 2X 01	Y-D		M48-L	7.60	9.32
JWQ9W-1-AC	F-7E110199-001-S	XX I 87 2X 01	Y-D		M48-L	7.60	9.33
JWQ9W-1-AE	F-7E110199-001-X	XX I 87 2X 01	Y-D		M48-L DUP	7.60	9.51
JWQ93-1-AA	F-7E110199-002	XX I 87 2X 01	Y-D		M48-F	7.68	9.50
JWQ93-1-AC	F-7E110199-002-S	XX I 87 2X 01	Y-D		M48-F	7.68	9.48
JWQ93-1-AD	F-7E110199-002-X	XX I 87 2X 01	Y-D		M48-F DUP	7.68	9.43
JWQ94-1-AA	F-7E110199-003	XX I 87 2X 01	Y-D		M48-Z	7.63	9.38
JWQ94-1-AC	F-7E110199-003-S	XX I 87 2X 01	Y-D		M48-Z	7.63	9.35
JWQ94-1-AD	F-7E110199-003-X	XX I 87 2X 01	Y-D		M48-Z DUP	7.63	9.41
JWQ97-1-AA	F-7E110199-004	XX I 87 2X 01	Y-D		M5A-L	7.16	9.39
JWQ98-1-AA	F-7E110199-005	XX I 87 2X 01	Y-D		M5A-F	7.20	9.40
JWRAA-1-AA	F-7E110199-006	XX I 87 2X 01	Y-D		M5A-Z	7.04	9.46
JWRAE-1-AA	F-7E110199-007	XX I 87 2X 01	Y-D		M39-L	7.28	9.38
JWRAG-1-AA	F-7E110199-008	XX I 87 2X 01	Y-D		M39-LD	7.27	9.30
JWRAL-1-AA	F-7E110199-009	XX I 87 2X 01	Y-D		M39-F	7.28	9.50
JWRAR-1-AA	F-7E110199-010	XX I 87 2X 01	Y-D		M39-FD	7.29	9.47
JWRAX-1-AA	F-7E110199-011	XX I 87 2X 01	Y-D		M39-Z	7.24	

						Sample pH	Adj. pH
JWRA0-1-AA	F-7E110199-012	XX I 87 2X 01	Y-D	_____	M39-ZD	7.23	9.31
JWRA2-1-AA	F-7E110199-013	XX I 87 2X 01	Y-D	_____	M95-L	7.50	9.35
JWRA4-1-AA	F-7E110199-014	XX I 87 2X 01	Y-D	_____	M95-LD	7.51	9.40
JWRA7-1-AA	F-7E110199-015	XX I 87 2X 01	Y-D	_____	M95-F	7.59	9.45
JWRA8-1-AA	F-7E110199-016	XX I 87 2X 01	Y-D	_____	M95-FD	7.58	9.50
JWRCA-1-AA	F-7E110199-017	XX I 87 2X 01	Y-D	_____	M95-Z	7.53	9.53
JWRCD-1-AA	F-7E110199-018	XX I 87 2X 01	Y-D	_____	M95-ZD	7.54	9.55
JWRCE-1-AA	F-7E110199-019	XX I 87 2X 01	Y-D	_____	EB051007-Z	5.91	9.33
JWRCH-1-AA	F-7E110199-020	XX I 87 2X 01	Y-D	_____	EB051007-F	4.74	9.44

Control Limits
(80-120)
(80-120)
(80-120)
(90-110)

Application Name:MASSBAT32
Report Name:Work Order Backlog
Page: 1
Run Date:Friday, May 11 2007 17:43:09

Date	ExpDate	DueDate	XRef	WorkOrder	Lot	Smp	Sfx	Mat	Prep	Mth	QC	SampDate	SampTime
0		2007/05/25	CR+6DS	JWTGA1A4	A7E110312	005		I	87	2X	01	05/10/07	09:30
0		2007/05/25	CR+6DS	JWTKD1A3	A7E110312	010		I	87	2X	01	05/10/07	13:40
0		2007/05/25	CR+6DS	JWTKN1A3	A7E110312	012		I	87	2X	01	05/10/07	11:30
0		2007/05/25	CR+6DS	JWTL01AA	A7E110312	019		I	87	2X	01	05/10/07	08:40
0		2007/05/25	CR+6DS	JWTL31AA	A7E110312	020		I	87	2X	01	05/10/07	14:05
0		2007/05/25	CR+6DS	JWTLL1A3	A7E110312	017		I	87	2X	01	05/10/07	13:40

Application Name:MASSBAT32
Report Name:Work Order Backlog
Page: 1
Run Date:Friday, May 11 2007 13:46:09

Days	ExpDate	DueDate	XRef	WorkOrder	Lot	Smp	Sfx	Mat	Prep	Mth	QC	SampDate	SampTime
0		2007/06/04	CR+6DS	JWQ931AA	F7E110199	002		I	87	2X	01	05/10/07	07:30
0		2007/06/04	CR+6DS	JWQ941AA	F7E110199	003		I	87	2X	01	05/10/07	07:45
0		2007/06/04	CR+6DS	JWQ971AA	F7E110199	004		I	87	2X	01	05/10/07	08:50
0		2007/06/04	CR+6DS	JWQ981AA	F7E110199	005		I	87	2X	01	05/10/07	09:30
0		2007/06/04	CR+6DS	JWQ9W1AA	F7E110199	001		I	87	2X	01	05/10/07	06:45
0		2007/06/04	CR+6DS	JWRA01AA	F7E110199	012		I	87	2X	01	05/10/07	00:00
0		2007/06/04	CR+6DS	JWRA21AA	F7E110199	013		I	87	2X	01	05/10/07	14:45
0		2007/06/04	CR+6DS	JWRA41AA	F7E110199	014		I	87	2X	01	05/10/07	00:00
0		2007/06/04	CR+6DS	JWRA71AA	F7E110199	015		I	87	2X	01	05/10/07	15:30
0		2007/06/04	CR+6DS	JWRA81AA	F7E110199	016		I	87	2X	01	05/10/07	00:00
0		2007/06/04	CR+6DS	JWRAA1AA	F7E110199	006		I	87	2X	01	05/10/07	09:40
0		2007/06/04	CR+6DS	JWRAE1AA	F7E110199	007		I	87	2X	01	05/10/07	12:00
0		2007/06/04	CR+6DS	JWRAG1AA	F7E110199	008		I	87	2X	01	05/10/07	00:00
0		2007/06/04	CR+6DS	JWRAL1AA	F7E110199	009		I	87	2X	01	05/10/07	12:30
0		2007/06/04	CR+6DS	JWRAR1AA	F7E110199	010		I	87	2X	01	05/10/07	00:00
0		2007/06/04	CR+6DS	JWRAX1AA	F7E110199	011		I	87	2X	01	05/10/07	12:40
0		2007/06/04	CR+6DS	JWRCA1AA	F7E110199	017		I	87	2X	01	05/10/07	15:45
0		2007/06/04	CR+6DS	JWRCD1AA	F7E110199	018		I	87	2X	01	05/10/07	00:00
0		2007/06/04	CR+6DS	JWRCE1AA	F7E110199	019		I	87	2X	01	05/10/07	16:00
0		2007/06/04	CR+6DS	JWRCH1AA	F7E110199	020		I	87	2X	01	05/10/07	16:15

Schedule File: C:\PeakNet\schedule\CrVI Schedule\crvi 051107.SCH

Line	Sample	Sample Type	Level	Method	Data File	Volume	Dilution	Comment
1	ICV/LCS 7.50 ppb	Sample		crvi 050107a.met	crvi051107_001.dxd	1	1	
2	ICB/MB 051107	Sample		crvi 050107a.met	crvi051107_002.dxd	1	1	
3	JWTL0	Sample		crvi 050107a.met	crvi051107_003.dxd	1	1	
4	JWTL0	Sample		crvi 050107a.met	crvi051107_004.dxd	1	1	
5	JWTGA	Sample		crvi 050107a.met	crvi051107_005.dxd	1	1	
6	JWTGA	Sample		crvi 050107a.met	crvi051107_006.dxd	1	1	
7	JWTKN REF.	Sample		crvi 050107a.met	crvi051107_007.dxd	1	1	
8	JWTKN REF.	Sample		crvi 050107a.met	crvi051107_008.dxd	1	1	
9	JWTKD REF.	Sample		crvi 050107a.met	crvi051107_009.dxd	1	1	
10	JWTKD REF.	Sample		crvi 050107a.met	crvi051107_010.dxd	1	1	
11	JWTLL REF.	Sample		crvi 050107a.met	crvi051107_011.dxd	1	1	
12	JWTLL REF.	Sample		crvi 050107a.met	crvi051107_012.dxd	1	1	
13	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051107_013.dxd	1	1	
14	CCB	Sample		crvi 050107a.met	crvi051107_014.dxd	1	1	
15	JWTL3	Sample		crvi 050107a.met	crvi051107_015.dxd	1	1	
16	JWTL3	Sample		crvi 050107a.met	crvi051107_016.dxd	1	1	
17	JWTKDX REF.	Sample		crvi 050107a.met	crvi051107_017.dxd	1	1	
18	JWTKDX REF.	Sample		crvi 050107a.met	crvi051107_018.dxd	1	1	
19	LCS 7.50 ppb	Sample		crvi 050107a.met	crvi051107_019.dxd	1	1	
20	MB 051107	Sample		crvi 050107a.met	crvi051107_020.dxd	1	1	
21	JWTKDS REF.	Sample		crvi 050107a.met	crvi051107_021.dxd	1	5	
22	JWTKDS REF.	Sample		crvi 050107a.met	crvi051107_022.dxd	1	5	
23	JWRAE	Sample		crvi 050107a.met	crvi051107_023.dxd	1	250	
24	JWRAE	Sample		crvi 050107a.met	crvi051107_024.dxd	1	250	
25	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051107_025.dxd	1	1	
26	CCB	Sample		crvi 050107a.met	crvi051107_026.dxd	1	1	
27	JWRAG	Sample		crvi 050107a.met	crvi051107_027.dxd	1	250	
28	JWRAG	Sample		crvi 050107a.met	crvi051107_028.dxd	1	250	
29	JWRAL	Sample		crvi 050107a.met	crvi051107_029.dxd	1	250	
30	JWRAL	Sample		crvi 050107a.met	crvi051107_030.dxd	1	250	
31	JWRAR	Sample		crvi 050107a.met	crvi051107_031.dxd	1	250	
32	JWRAR	Sample		crvi 050107a.met	crvi051107_032.dxd	1	250	
33	JWRAX	Sample		crvi 050107a.met	crvi051107_033.dxd	1	250	
34	JWRAX	Sample		crvi 050107a.met	crvi051107_034.dxd	1	250	
35	JWRA0	Sample		crvi 050107a.met	crvi051107_035.dxd	1	250	
36	JWRA0	Sample		crvi 050107a.met	crvi051107_036.dxd	1	250	
37	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051107_037.dxd	1	1	
38	CCB	Sample		crvi 050107a.met	crvi051107_038.dxd	1	1	
39	JWQ9W	Sample		crvi 050107a.met	crvi051107_039.dxd	1	100	
40	JWQ9W	Sample		crvi 050107a.met	crvi051107_040.dxd	1	100	
41	JWQ93	Sample		crvi 050107a.met	crvi051107_041.dxd	1	100	
42	JWQ93	Sample		crvi 050107a.met	crvi051107_042.dxd	1	100	
43	JWQ94	Sample		crvi 050107a.met	crvi051107_043.dxd	1	100	
44	JWQ94	Sample		crvi 050107a.met	crvi051107_044.dxd	1	100	
45	JWQ97 REF.	Sample		crvi 050107a.met	crvi051107_045.dxd	1	1	
46	JWQ97 REF.	Sample		crvi 050107a.met	crvi051107_046.dxd	1	1	
47	JWQ98 REF.	Sample		crvi 050107a.met	crvi051107_047.dxd	1	1	
48	JWQ98 REF.	Sample		crvi 050107a.met	crvi051107_048.dxd	1	1	
49	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051107_049.dxd	1	1	
50	CCB	Sample		crvi 050107a.met	crvi051107_050.dxd	1	1	
51	JWRAA	Sample		crvi 050107a.met	crvi051107_051.dxd	1	5	
52	JWRAA	Sample		crvi 050107a.met	crvi051107_052.dxd	1	5	

Line	Sample	Sample Type	Level	Method	Data File	Volume	Dilution	Comment
53	JWRA2	Sample		crvi 050107a.met	crvi051107_053.dxd	1	200	
54	JWRA2	Sample		crvi 050107a.met	crvi051107_054.dxd	1	200	
55	JWRA4	Sample		crvi 050107a.met	crvi051107_055.dxd	1	200	
56	JWRA4	Sample		crvi 050107a.met	crvi051107_056.dxd	1	200	
57	JWRA7	Sample		crvi 050107a.met	crvi051107_057.dxd	1	200	
58	JWRA7	Sample		crvi 050107a.met	crvi051107_058.dxd	1	200	
59	JWRA8	Sample		crvi 050107a.met	crvi051107_059.dxd	1	200	
60	JWRA8	Sample		crvi 050107a.met	crvi051107_060.dxd	1	200	
61	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051107_061.dxd	1	1	
62	CCB	Sample		crvi 050107a.met	crvi051107_062.dxd	1	1	
63	JWRCA	Sample		crvi 050107a.met	crvi051107_063.dxd	1	200	
64	JWRCA	Sample		crvi 050107a.met	crvi051107_064.dxd	1	200	
65	JWRCD	Sample		crvi 050107a.met	crvi051107_065.dxd	1	200	
66	JWRCD	Sample		crvi 050107a.met	crvi051107_066.dxd	1	200	
67	JWRCE	Sample		crvi 050107a.met	crvi051107_067.dxd	1	1	
68	JWRCE	Sample		crvi 050107a.met	crvi051107_068.dxd	1	1	
69	JWRCH	Sample		crvi 050107a.met	crvi051107_069.dxd	1	1	
70	JWRCH	Sample		crvi 050107a.met	crvi051107_070.dxd	1	1	
71	JWQ9WX	Sample		crvi 050107a.met	crvi051107_071.dxd	1	100	
72	JWQ9WX	Sample		crvi 050107a.met	crvi051107_072.dxd	1	100	
73	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051107_073.dxd	1	1	
74	CCB	Sample		crvi 050107a.met	crvi051107_074.dxd	1	1	
75	JWQ93X	Sample		crvi 050107a.met	crvi051107_075.dxd	1	100	
76	JWQ93X	Sample		crvi 050107a.met	crvi051107_076.dxd	1	100	
77	JWQ94X	Sample		crvi 050107a.met	crvi051107_077.dxd	1	100	
78	JWQ94X	Sample		crvi 050107a.met	crvi051107_078.dxd	1	100	
79	JWQ9WS	Sample		crvi 050107a.met	crvi051107_079.dxd	1	100	
80	JWQ9WS	Sample		crvi 050107a.met	crvi051107_080.dxd	1	100	
81	JWQ93S	Sample		crvi 050107a.met	crvi051107_081.dxd	1	100	
82	JWQ93S	Sample		crvi 050107a.met	crvi051107_082.dxd	1	100	
83	JWQ94S	Sample		crvi 050107a.met	crvi051107_083.dxd	1	100	
84	JWQ94S	Sample		crvi 050107a.met	crvi051107_084.dxd	1	100	
85	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051107_085.dxd	1	1	
86	CCB	Sample		crvi 050107a.met	crvi051107_086.dxd	1	1	
87	JWTKN	Sample		crvi 050107a.met	crvi051107_087.dxd	1	10	
88	JWTKN	Sample		crvi 050107a.met	crvi051107_088.dxd	1	10	
89	JWTKN spkd 5 ppb	Sample		crvi 050107a.met	crvi051107_089.dxd	1	10	
90	JWTKN spkd 5 ppb	Sample		crvi 050107a.met	crvi051107_090.dxd	1	10	
91	JWTKD	Sample		crvi 050107a.met	crvi051107_091.dxd	1	10	
92	JWTKD	Sample		crvi 050107a.met	crvi051107_092.dxd	1	10	
93	JWTKD spkd 5 ppb	Sample		crvi 050107a.met	crvi051107_093.dxd	1	10	
94	JWTKD spkd 5 ppb	Sample		crvi 050107a.met	crvi051107_094.dxd	1	10	
95	JWTLL	Sample		crvi 050107a.met	crvi051107_095.dxd	1	10	
96	JWTLL	Sample		crvi 050107a.met	crvi051107_096.dxd	1	10	
97	JWTLL spkd 5 ppb	Sample		crvi 050107a.met	crvi051107_097.dxd	1	10	
98	JWTLL spkd 5 ppb	Sample		crvi 050107a.met	crvi051107_098.dxd	1	10	
99	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051107_099.dxd	1	1	
100	CCB	Sample		crvi 050107a.met	crvi051107_100.dxd	1	1	
101	JWTL3	Sample		crvi 050107a.met	crvi051107_101.dxd	1	10	
102	JWTL3	Sample		crvi 050107a.met	crvi051107_102.dxd	1	10	
103	JWTL3 spkd 5 ppb	Sample		crvi 050107a.met	crvi051107_103.dxd	1	10	
104	JWTL3 spkd 5 ppb	Sample		crvi 050107a.met	crvi051107_104.dxd	1	10	

Schedule File: C:\PeakNet\Schedule\CRVI Schedule\crvi 051107.SCH

Line	Sample	Sample Type	Level	Method	Data File	Volume	Dilution	Comment
105	JWTGAX	Sample		crvi 050107a.met	crvi051107_105.dxd	1	1	
106	JWTGAX	Sample		crvi 050107a.met	crvi051107_106.dxd	1	1	
107	JWTGAS	Sample		crvi 050107a.met	crvi051107_107.dxd	1	1	
108	JWTGAS	Sample		crvi 050107a.met	crvi051107_108.dxd	1	1	
109	JWRAA	Sample		crvi 050107a.met	crvi051107_109.dxd	1	1	
110	JWRAA	Sample		crvi 050107a.met	crvi051107_110.dxd	1	1	
111	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051107_111.dxd	1	1	
112	CCB	Sample		crvi 050107a.met	crvi051107_112.dxd	1	1	
113	JWQ97	Sample		crvi 050107a.met	crvi051107_113.dxd	1	5	
114	JWQ97	Sample		crvi 050107a.met	crvi051107_114.dxd	1	5	
115	JWQ97 spkd 5 ppb	Sample		crvi 050107a.met	crvi051107_115.dxd	1	5	
116	JWQ97 spkd 5 ppb	Sample		crvi 050107a.met	crvi051107_116.dxd	1	5	
117	JWQ98	Sample		crvi 050107a.met	crvi051107_117.dxd	1	5	
118	JWQ98	Sample		crvi 050107a.met	crvi051107_118.dxd	1	5	
119	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051107_119.dxd	1	1	
120	CCB	Sample		crvi 050107a.met	crvi051107_120.dxd	1	1	

Default Method Path: C:\PEAKNET\METHOD
Default Data Path: C:\PEAKNET\CRVI\CRVI 2
Comment:

STL

STL Los Angeles

Hexavalent Chromium by Ion Chromatography
Standards and Reagent Log

Method EPA 218.6 _____ SW 846 7199 ✓
Analyst: KZ / FF
Date: 05/11/07

Reagent Lot Numbers/Expiration Dates

Chromatographic Eluent: 2007-17-3-41 / 05.11.08
Post-column Reagent: 2007-17-4-43 / 05/15.08
Buffer Solution: 2007-17-1-1 / 01.02.08
Dilution Water: 2 liters of DI water adjusted to a pH of 9.0 to 9.5 with buffer solution.
Final pH: 9.24

Preparation of Intermediate Calibration and Check (ICV/LCS) Standard:

Analyte	Stock Concentration (mg/L)	Volume of Stock (mL)	Final Volume (mL)	Final Concentration (mg/L)
Calibration	1000	0.1	1000	0.1
Check	1000	0.1	1000	0.1

Intermediate Standard Lot Numbers/Expiration Dates
Calibration Standard: 2007-17-5-19 / 05.15.07
Check (ICV/LCS) Standard: 2007-17-6-19 / 05.15.07

Preparation of Calibration and Check Standards:
All standards and blanks are prepared with dilution water at a pH of 9.0 to 9.5.

Standard Name	Standard Conc.	Source Conc. (mg/L)	Source Solution	mL of Source	Final Volume
Cal Blank	0 mg/L	NA	Dilution water	10	10 mL
Cal Std 1	0.0002 mg/L	0.1	Intermediate Calib Stock	0.02	10 mL
Cal Std 2	0.001 mg/L	0.1	Intermediate Calib Stock	0.1	10 mL
Cal Std 3	0.010 mg/L	0.1	Intermediate Calib Stock	1.0	10 mL
Cal Std 4	0.025 mg/L	0.1	Intermediate Calib Stock	2.5	10 mL
ICV/LCS	0.0075 mg/L	0.1	Intermediate ICV Stock	0.75	10 mL
ICB/CCB/MB	0 mg/L	NA	Dilution water	10	10 mL
CCV	0.015 mg/L	0.1	Intermediate Calib Stock	1.5	10 mL
MS/MSD	0.010 mg/L	0.1	Intermediate ICV Stock	1.0	10 mL Sample

STL Los Angeles Cr VI Sample Analysis Report

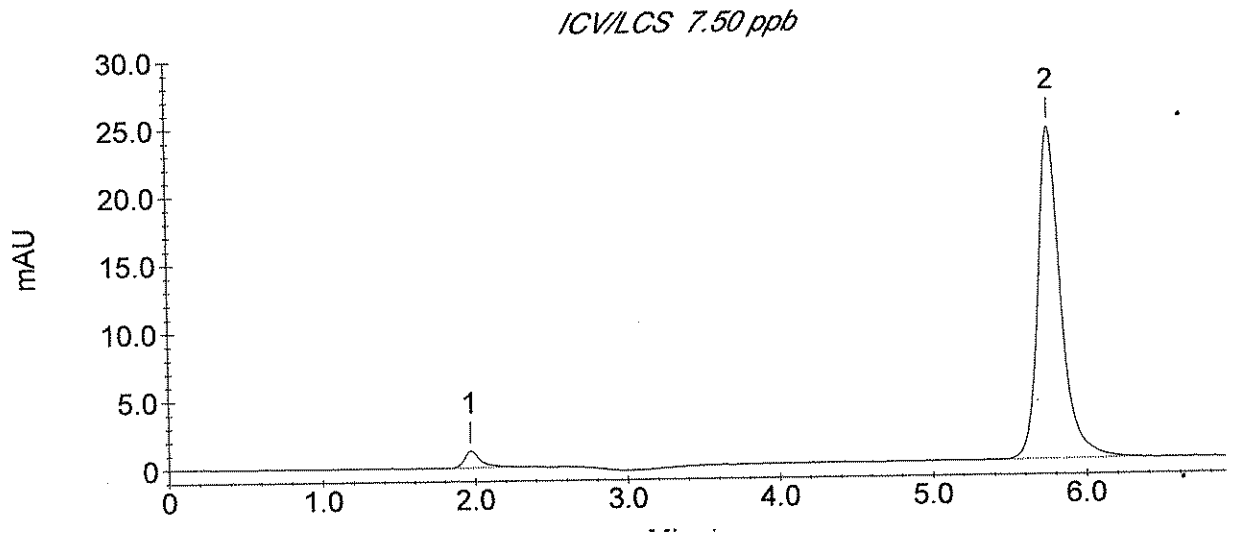
Sample Name : ICV/LCS 7.50 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_001.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 07:38:27
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 1
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9452	1204
2	CRVI	5.77	7.50	250297	24299



STL Los Angeles Cr VI Sample Analysis Report

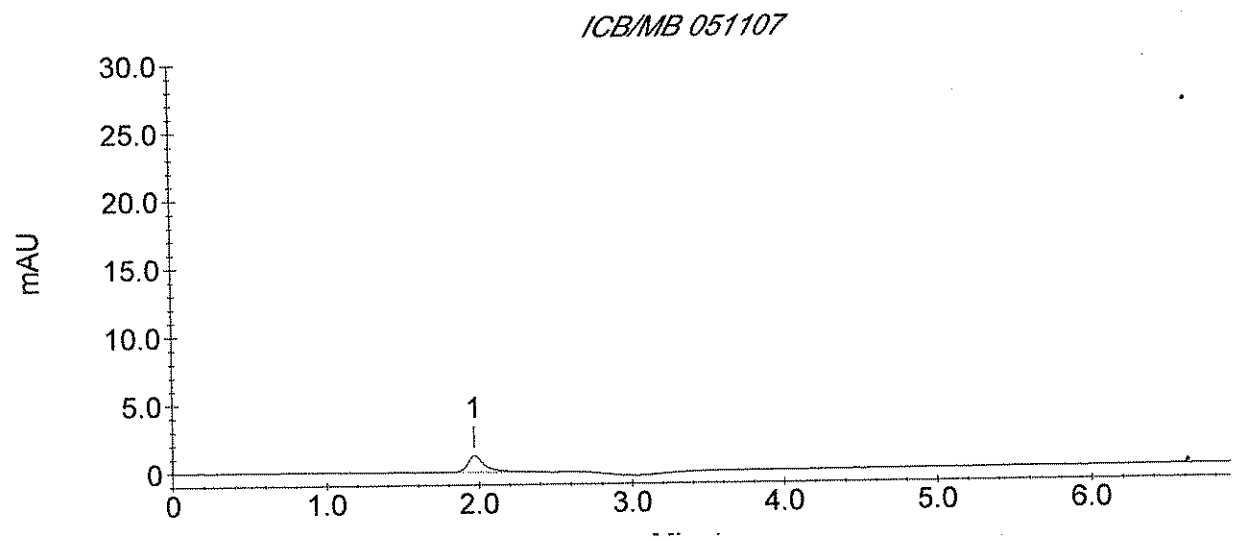
Sample Name : ICB/MB 051107
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_002.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 07:47:51
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 2
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	10137	1204



STL Los Angeles Cr VI Sample Analysis Report

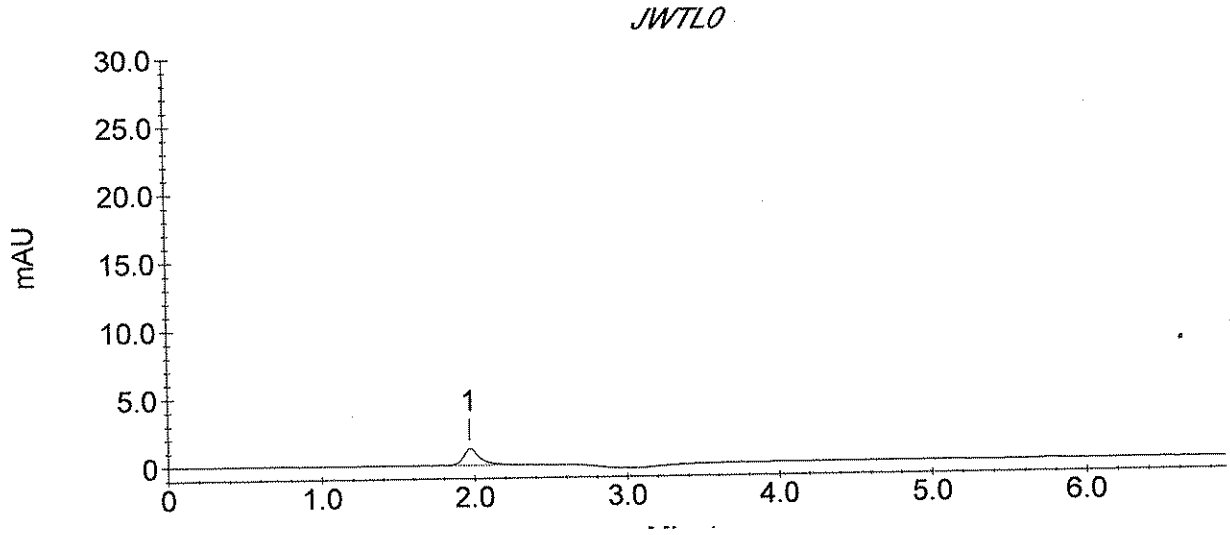
Sample Name : JWTL0
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_003.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 07:57:14
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 3
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9360	1208



STL Los Angeles Cr VI Sample Analysis Report

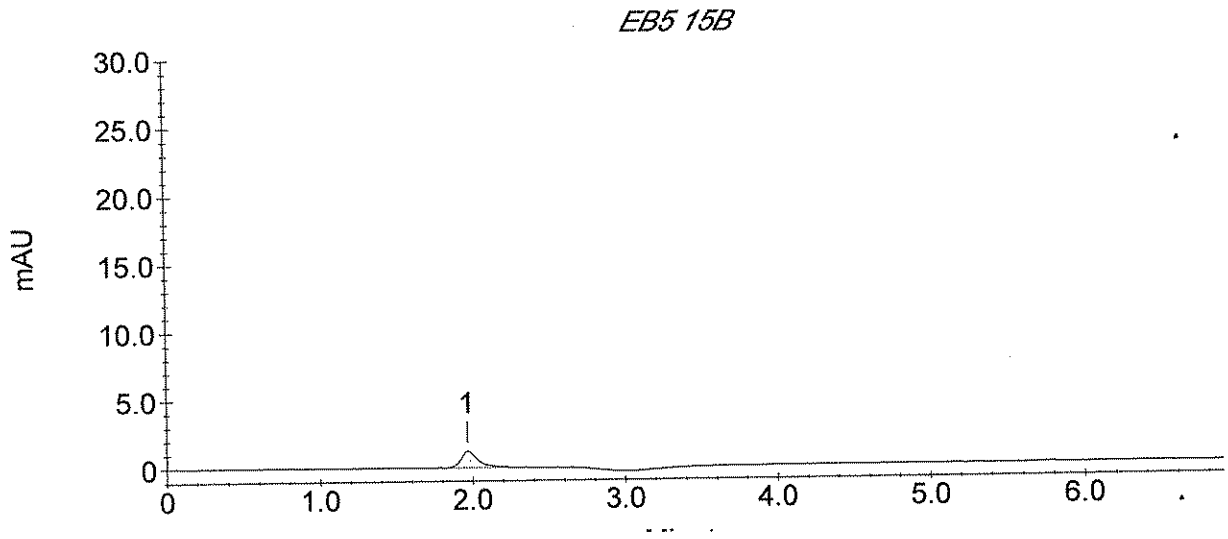
Sample Name : EB5 15B
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_003.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 07:57:14
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 3
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9360	1208



STL Los Angeles Cr VI Sample Analysis Report

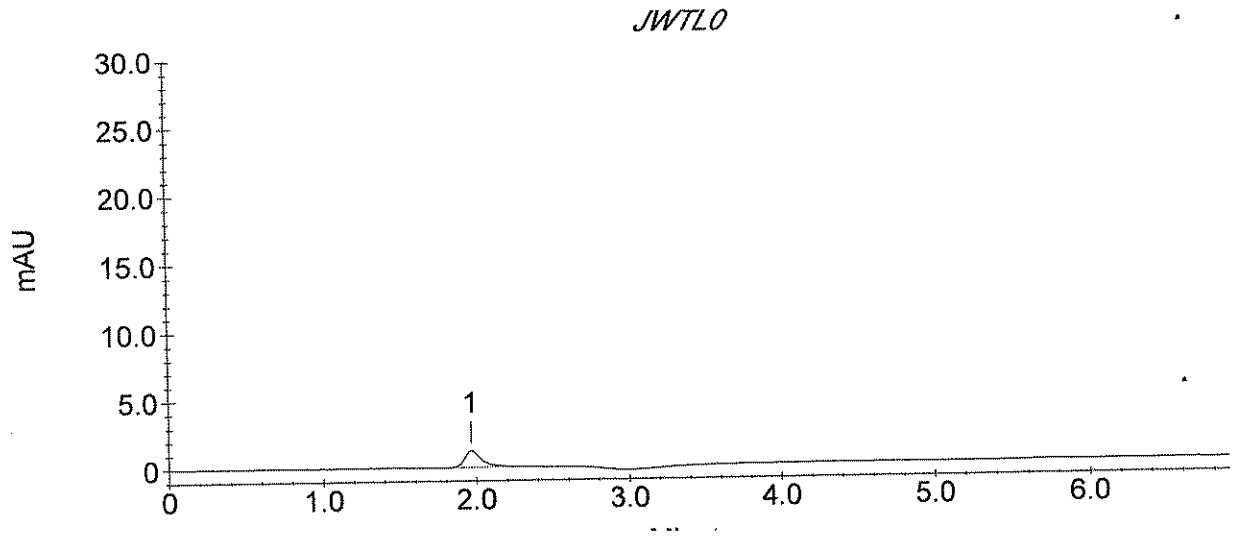
Sample Name : JWTL0
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_004.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 08:06:41
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 4
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9355	1220



STL Los Angeles Cr VI Sample Analysis Report

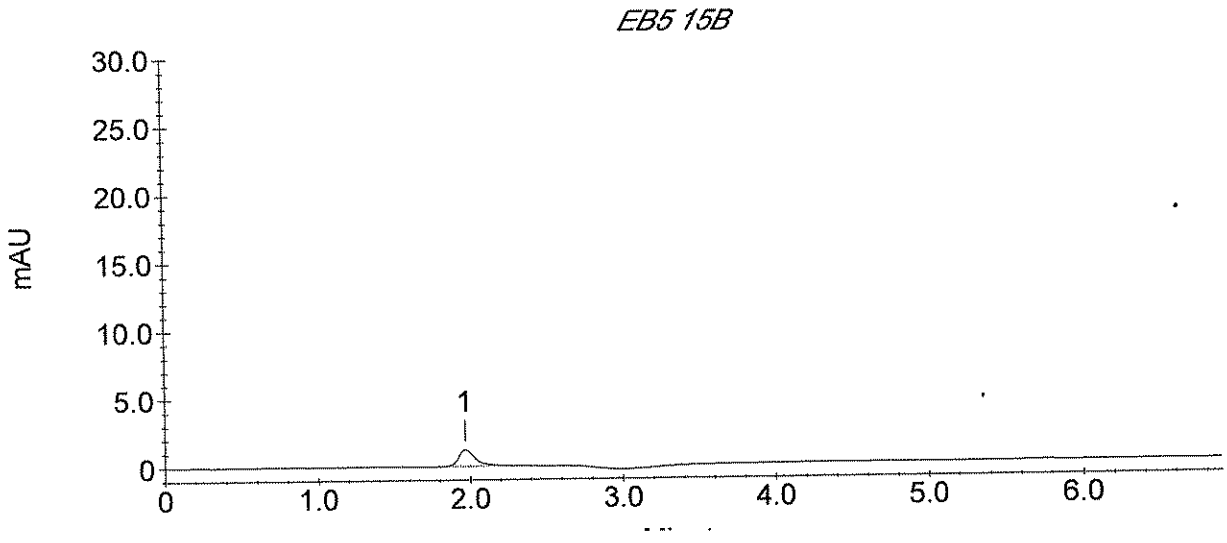
Sample Name : EB5 15B
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_004.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 08:06:41
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 4
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9355	1220



STL Los Angeles Cr VI Sample Analysis Report

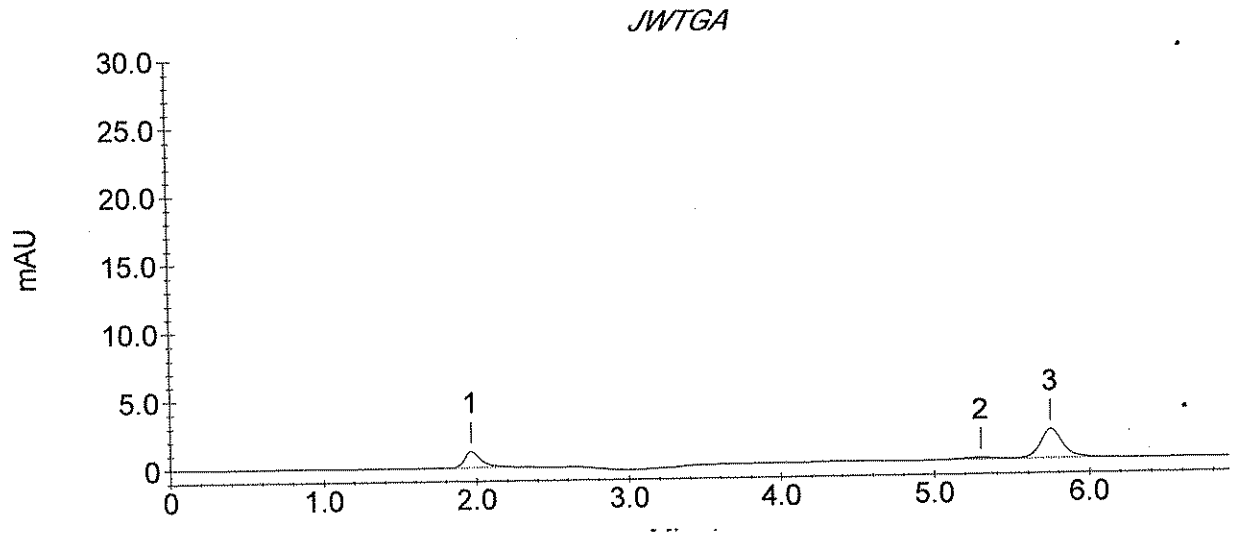
Sample Name : JWTGA
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_005.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 08:16:07
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 5
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8720	1183
2		5.30	0.00	1945	136
3	CRVI	5.75	0.65	21375	2121



STL Los Angeles Cr VI Sample Analysis Report

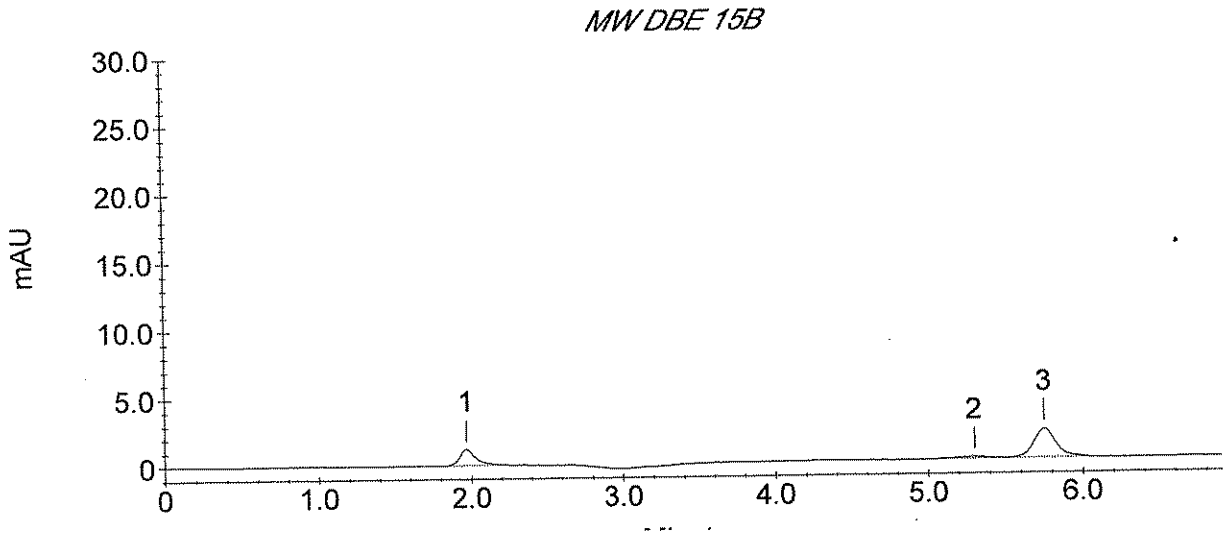
Sample Name : MW DBE 15B
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_005.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 08:16:07
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 5
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8720	1183
2		5.30	0.00	1945	136
3	CRVI	5.75	0.65	21375	2121



STL Los Angeles Cr VI Sample Analysis Report

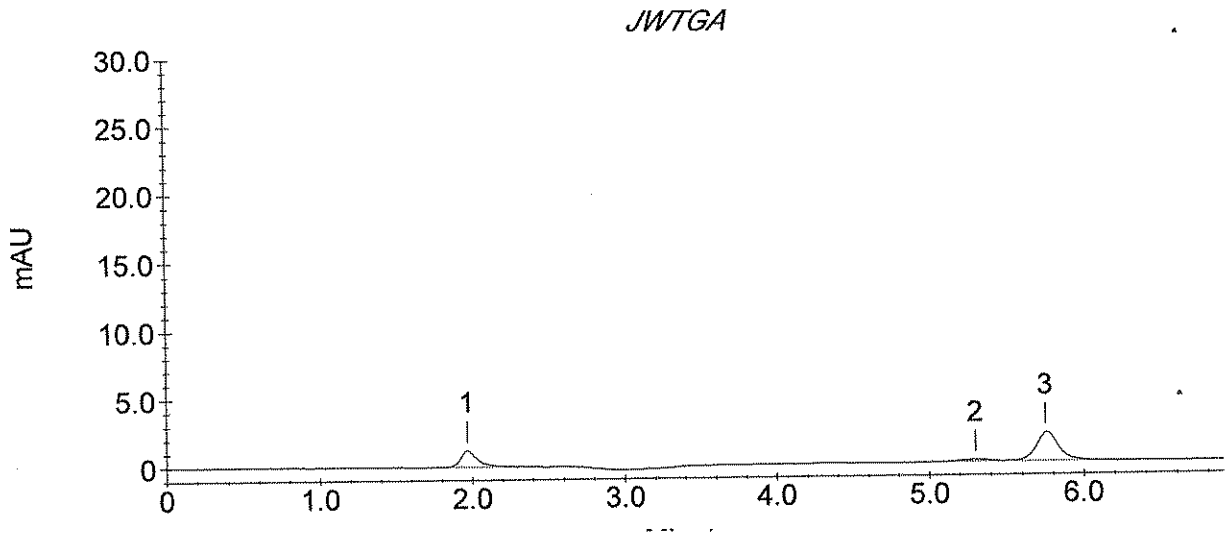
Sample Name : JWTGA
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_006.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 08:25:34
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 6
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9034	1197
2		5.30	0.00	1721	126
3	CRVI	5.75	0.64	20900	2065



STL Los Angeles Cr VI Sample Analysis Report

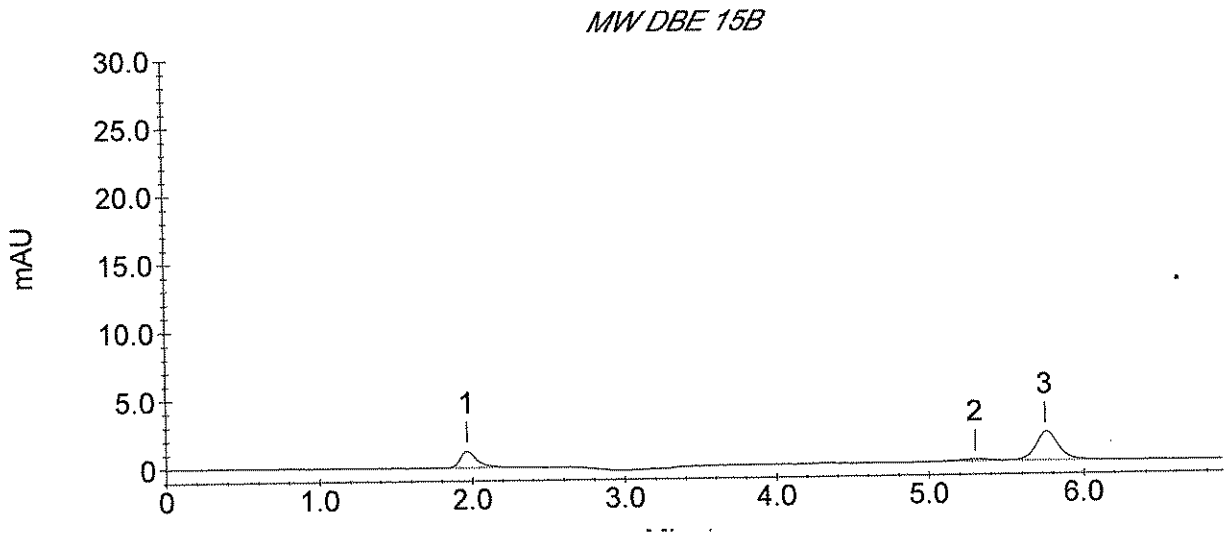
Sample Name : MW DBE 15B
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_006.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 08:25:34
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 6
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9034	1197
2		5.30	0.00	1721	126
3	CRVI	5.75	0.64	20900	2065



STL Los Angeles Cr VI Sample Analysis Report

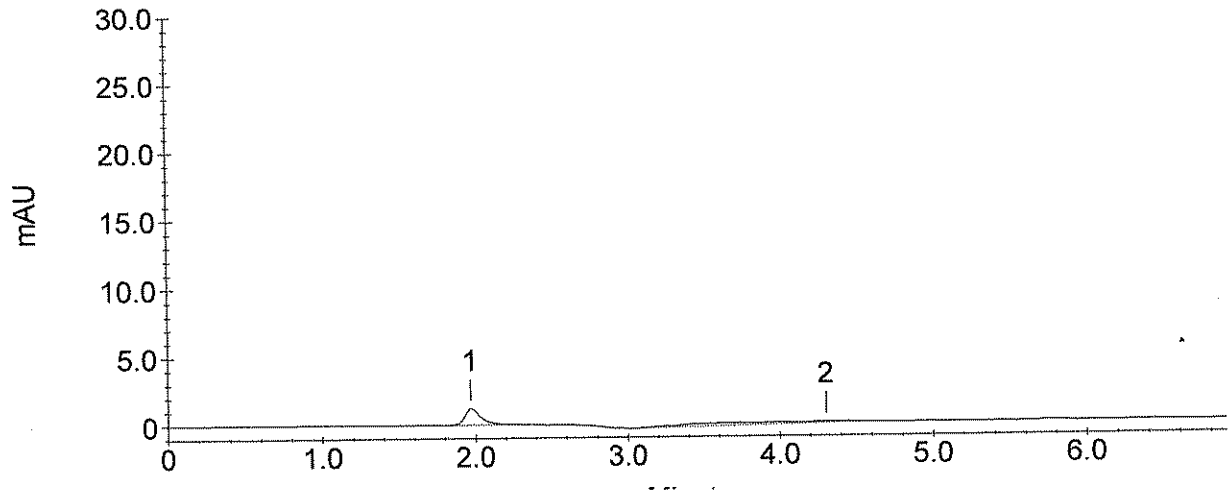
Sample Name : JWTKN REF.
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_007.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 08:34:59
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 7
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9252	1197
2		4.30	0.00	11112	121



STL Los Angeles Cr VI Sample Analysis Report

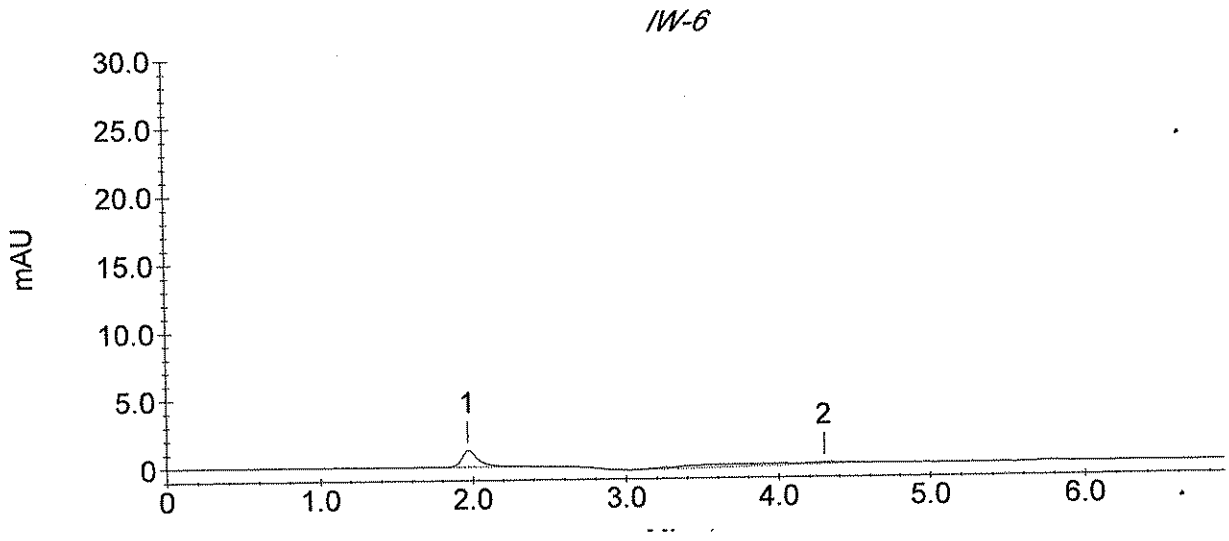
Sample Name : IW-6
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_007.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 08:34:59
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 7
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9252	1197
2		4.30	0.00	11112	121



STL Los Angeles Cr VI Sample Analysis Report

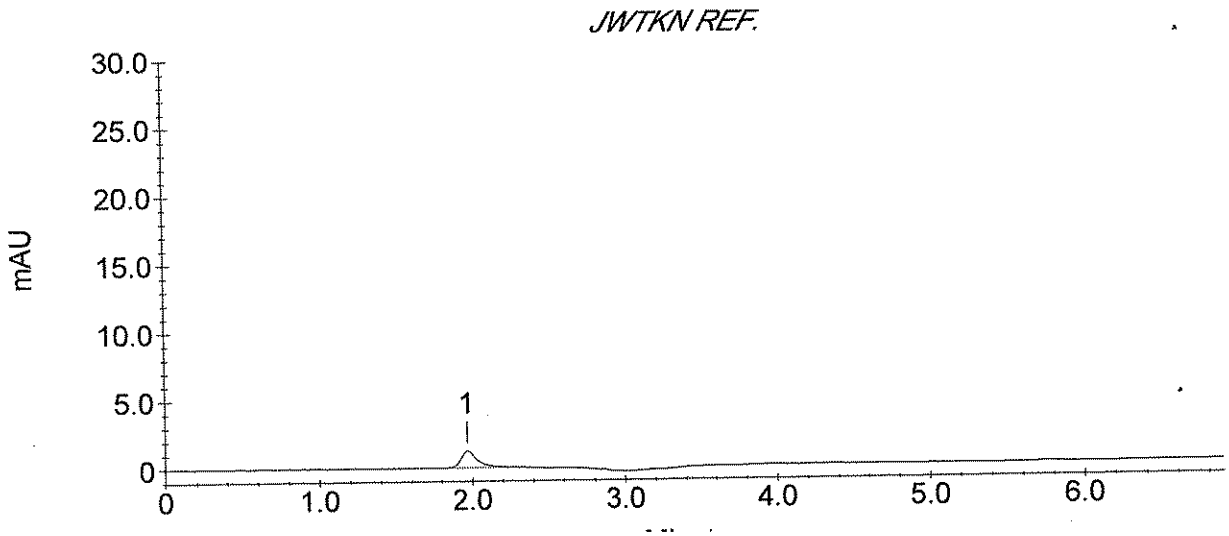
Sample Name : JWTKN REF.
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_008.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 08:44:26
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 8
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9145	1206



STL Los Angeles Cr VI Sample Analysis Report

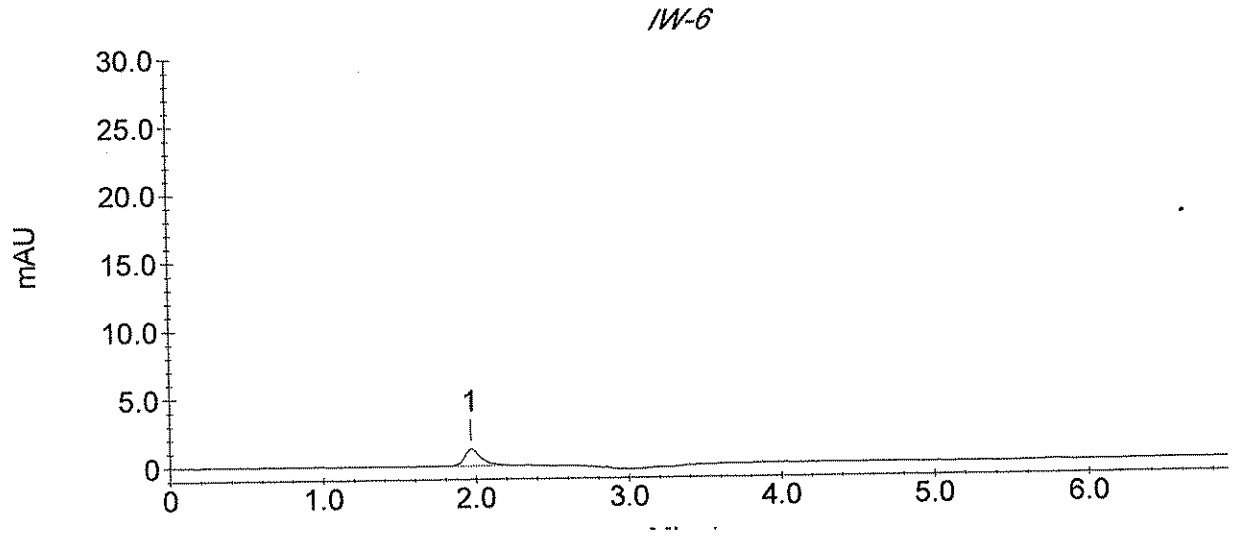
Sample Name : IW-6
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_008.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 08:44:26
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 8
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9145	1206



STL Los Angeles Cr VI Sample Analysis Report

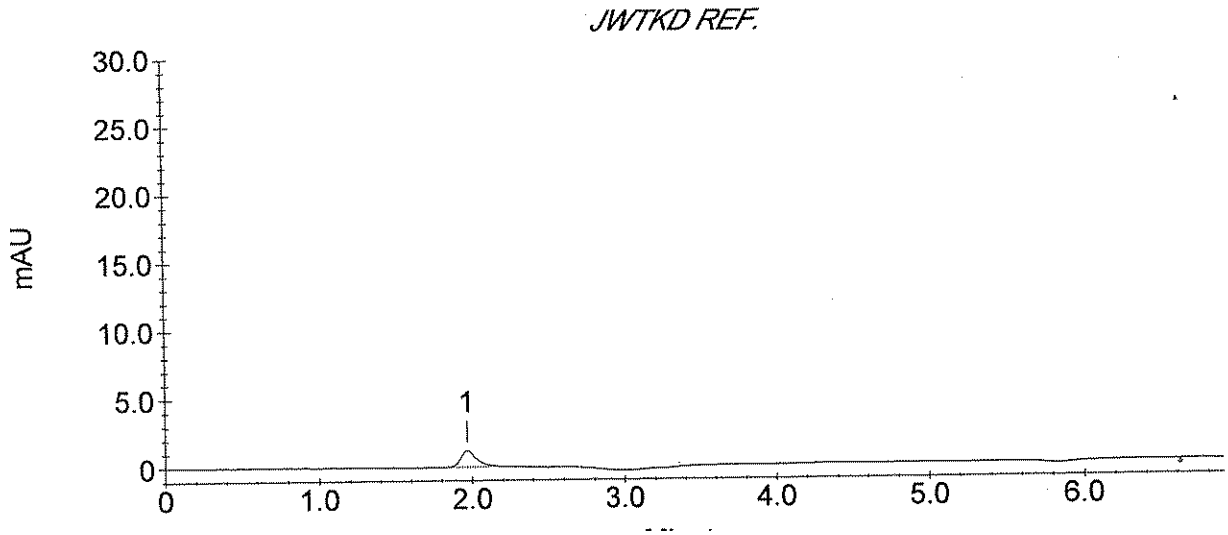
Sample Name : JWTKD REF.
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_009.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 08:53:51
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 9
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8650	1195



STL Los Angeles Cr VI Sample Analysis Report

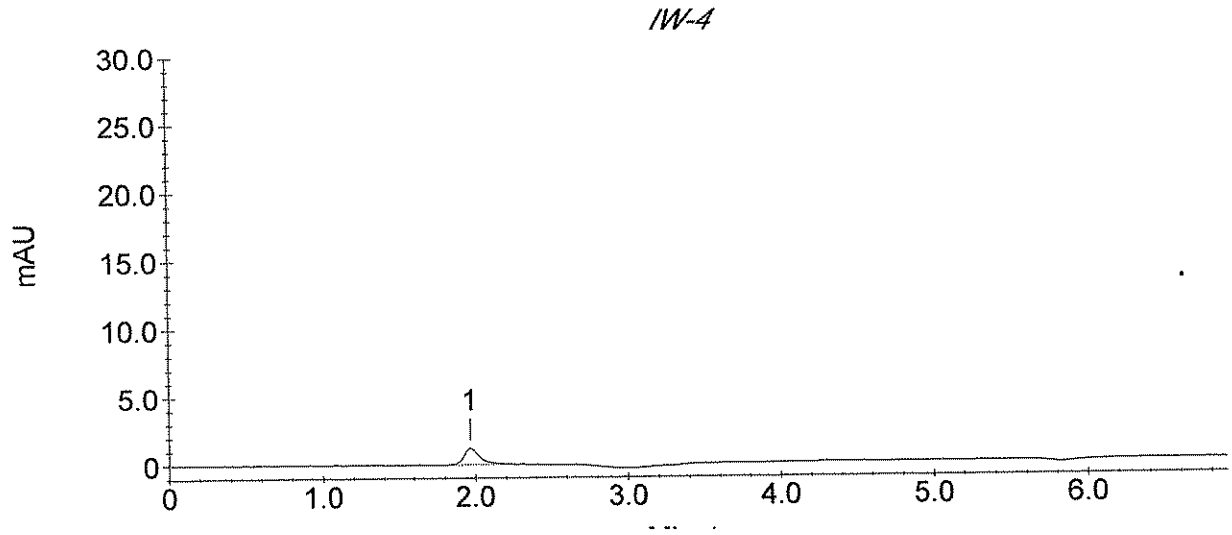
Sample Name : IW-4
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_009.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 08:53:51
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 9
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8650	1195



STL Los Angeles Cr VI Sample Analysis Report

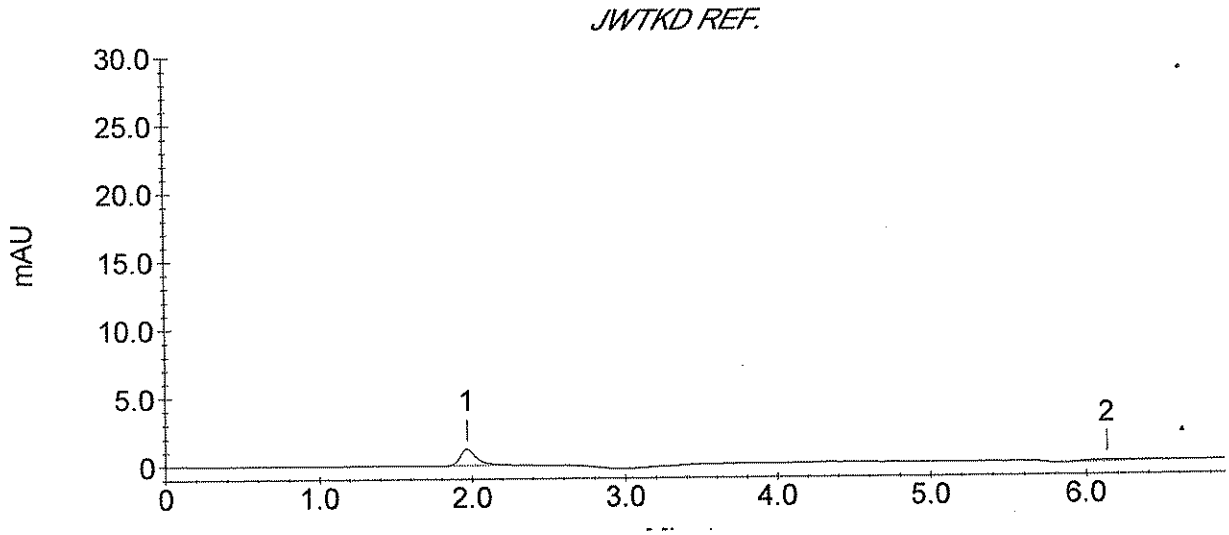
Sample Name : JWTKD REF.
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_010.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 09:03:18
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 10
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9140	1218
2	CRVI	6.13	0.14	4292	147



STL Los Angeles Cr VI Sample Analysis Report

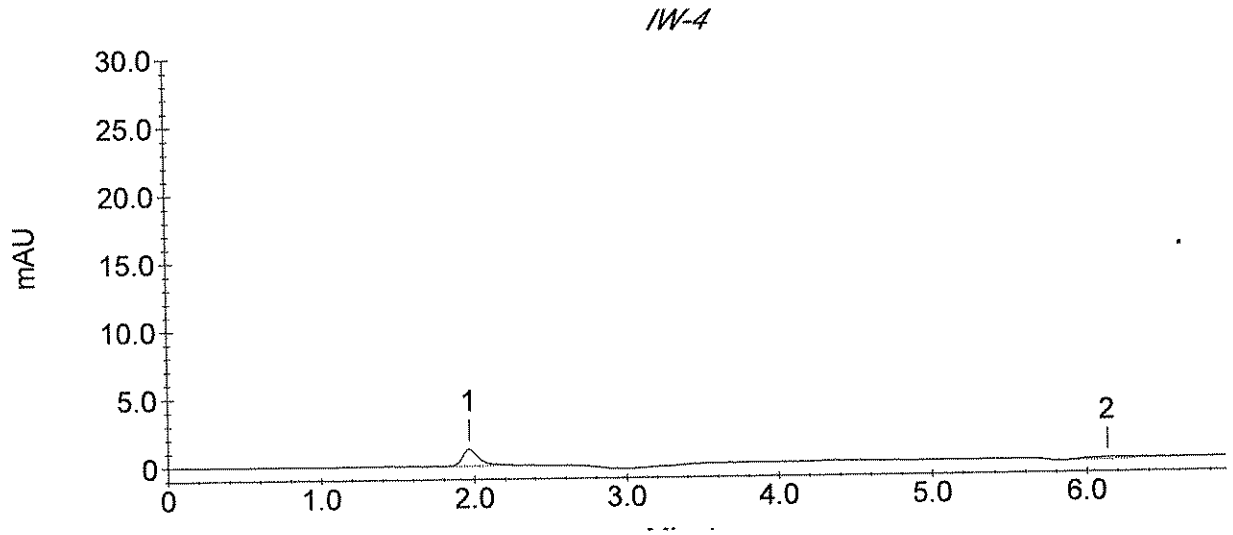
Sample Name : IW-4
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_010.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 09:03:18
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 10
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9140	1218
2	CRVI	6.13	0.14	4292	147



STL Los Angeles Cr VI Sample Analysis Report

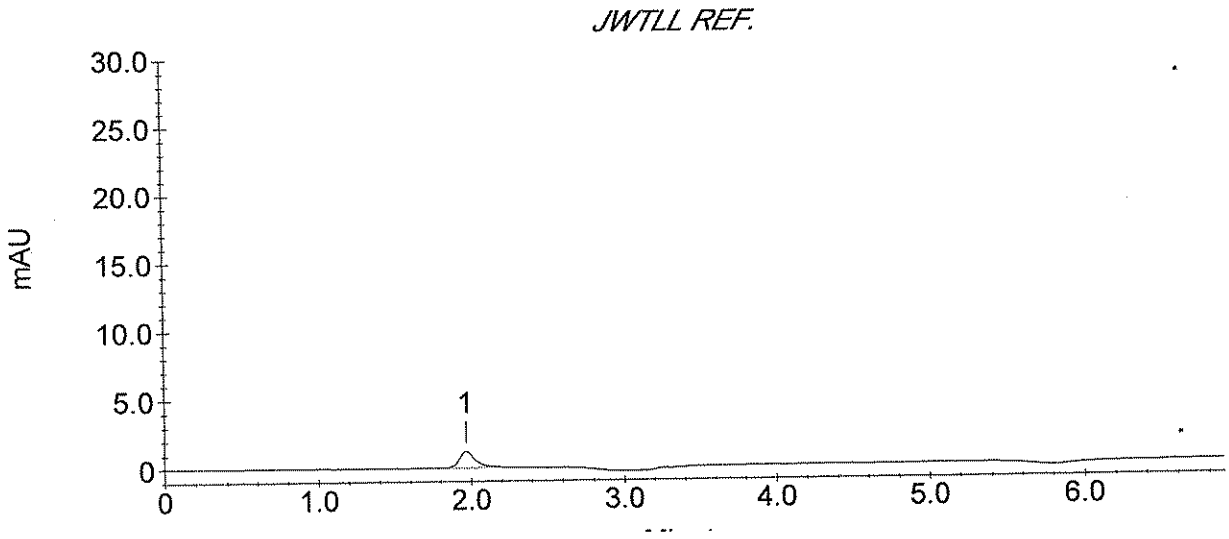
Sample Name : JWTLL REF.
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_011.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 09:12:43
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 11
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8773	1200



STL Los Angeles Cr VI Sample Analysis Report

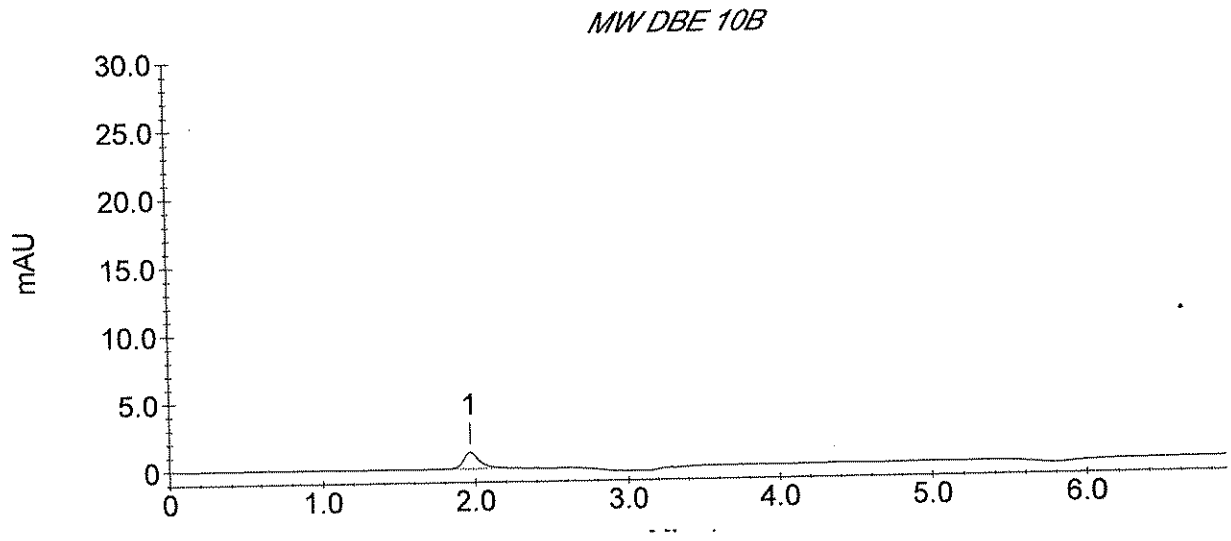
Sample Name : MW DBE 10B
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_011.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 09:12:43
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 11
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8773	1200



STL Los Angeles Cr VI Sample Analysis Report

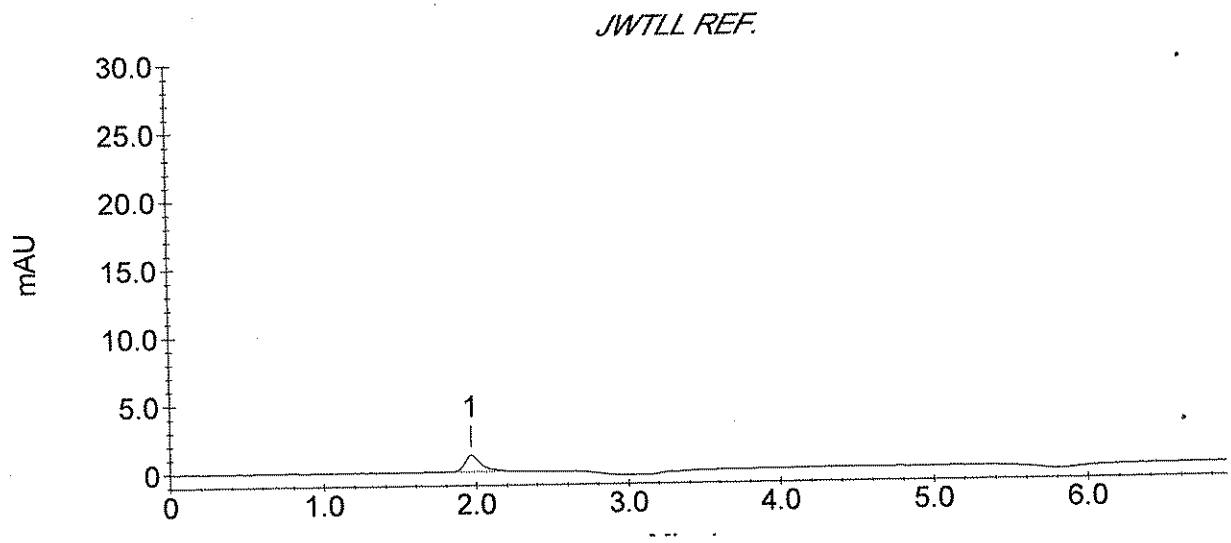
Sample Name : JWTLL REF.
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_012.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 09:22:10
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 12
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9135	1213



STL Los Angeles Cr VI Sample Analysis Report

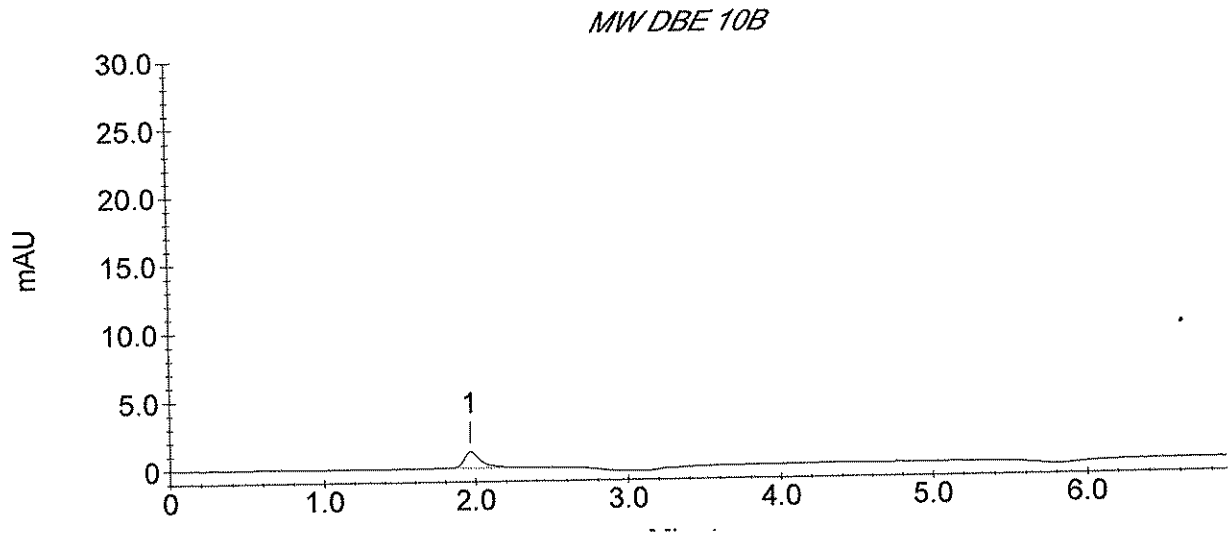
Sample Name : MW DBE 10B
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_012.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 09:22:10
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 12
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9135	1213



STL Los Angeles Cr VI Sample Analysis Report

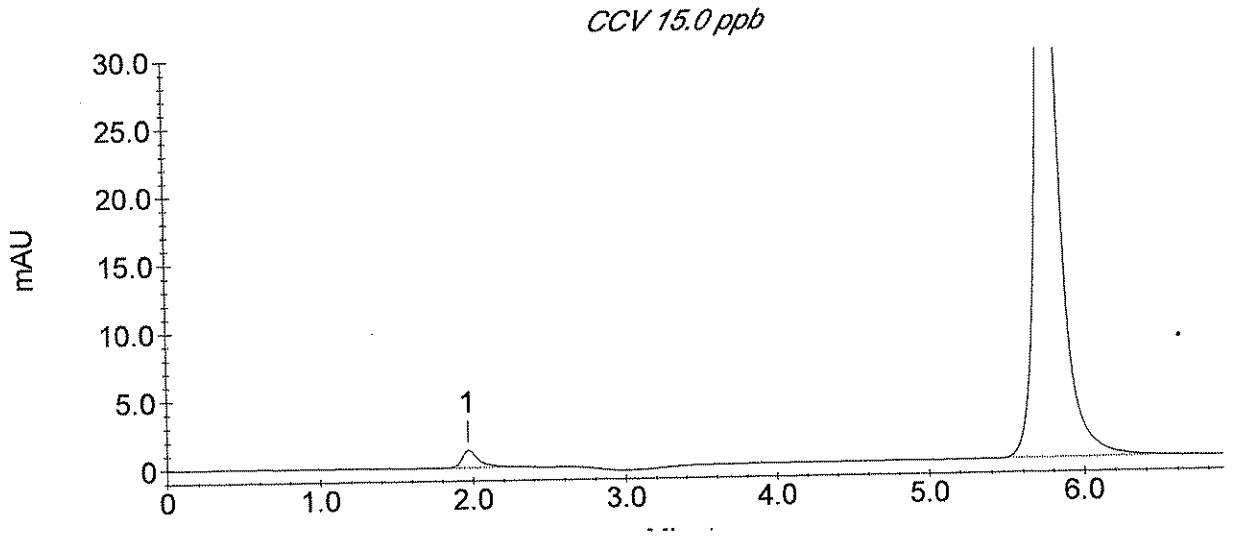
Sample Name : CCV 15.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_013.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 09:31:35
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 13
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9548	1249
2	CRVI	5.77	14.49	483996	46064



STL Los Angeles Cr VI Sample Analysis Report

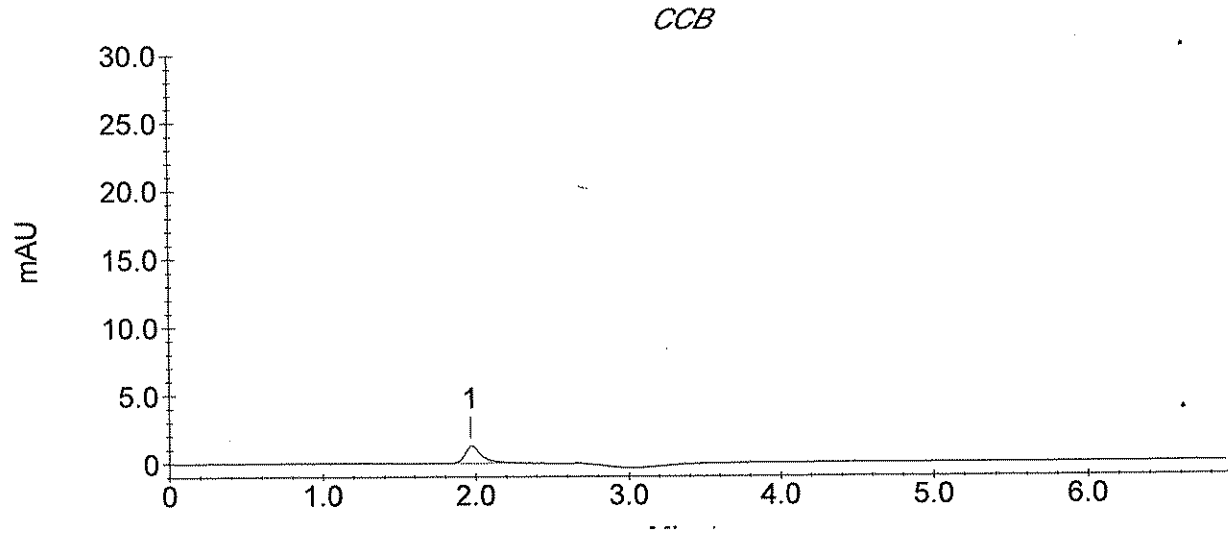
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_014.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 09:41:01
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 14
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9573	1242



STL Los Angeles Cr VI Sample Analysis Report

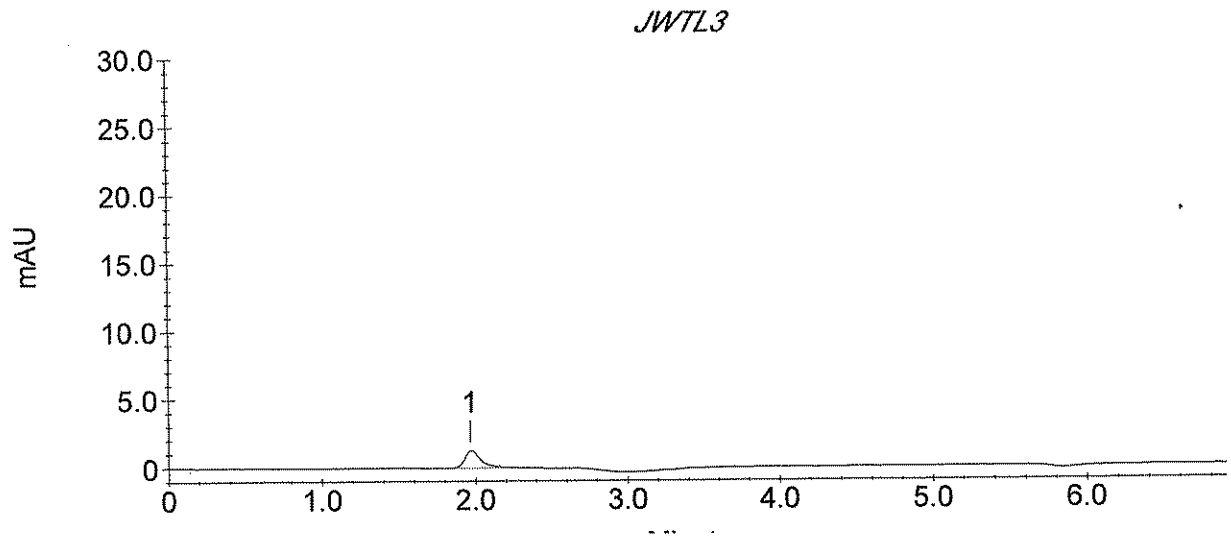
Sample Name : JWTL3
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_015.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 09:50:28
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 15
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9561	1239



STL Los Angeles Cr VI Sample Analysis Report

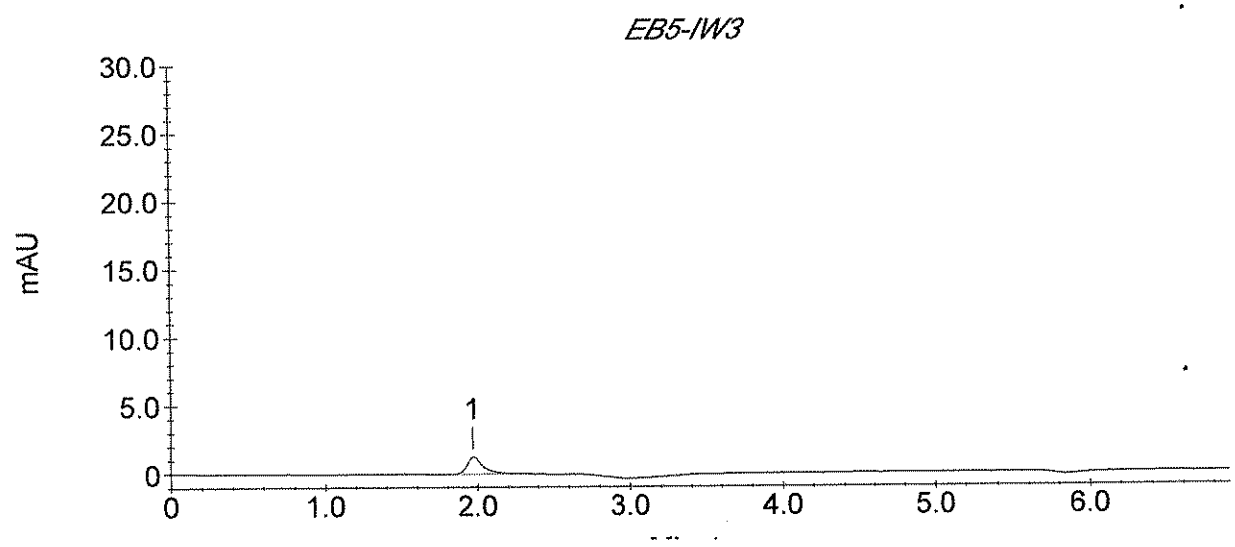
Sample Name : EB5-IW3
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_015.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 09:50:28
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 15
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9561	1239



STL Los Angeles Cr VI Sample Analysis Report

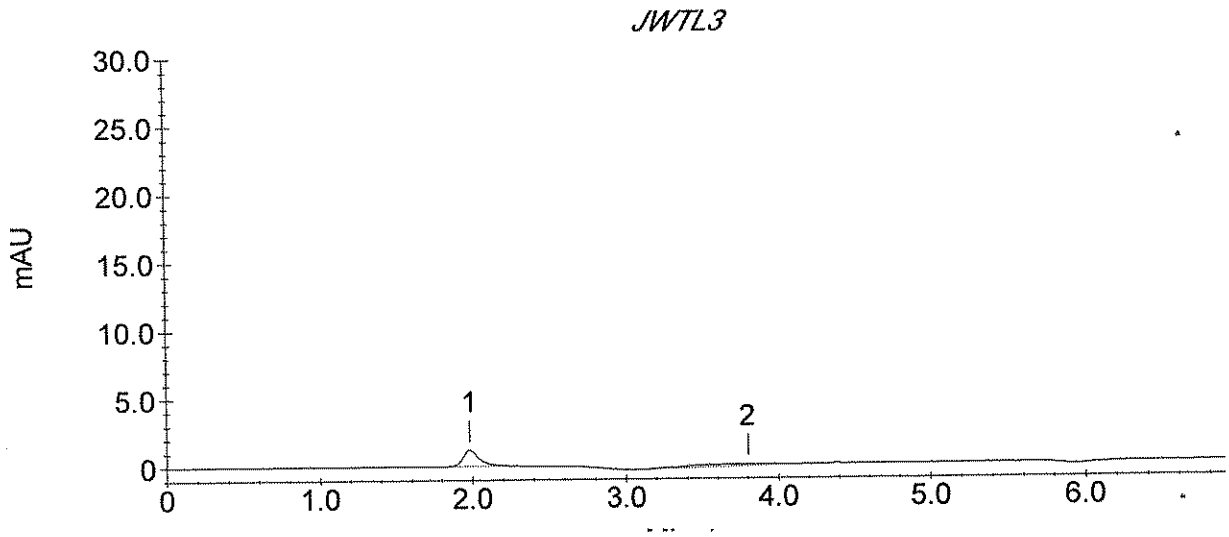
Sample Name : JWTL3
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_016.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 09:59:49
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 16
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	8426	1171
2		3.80	0.00	6260	144



STL Los Angeles Cr VI Sample Analysis Report

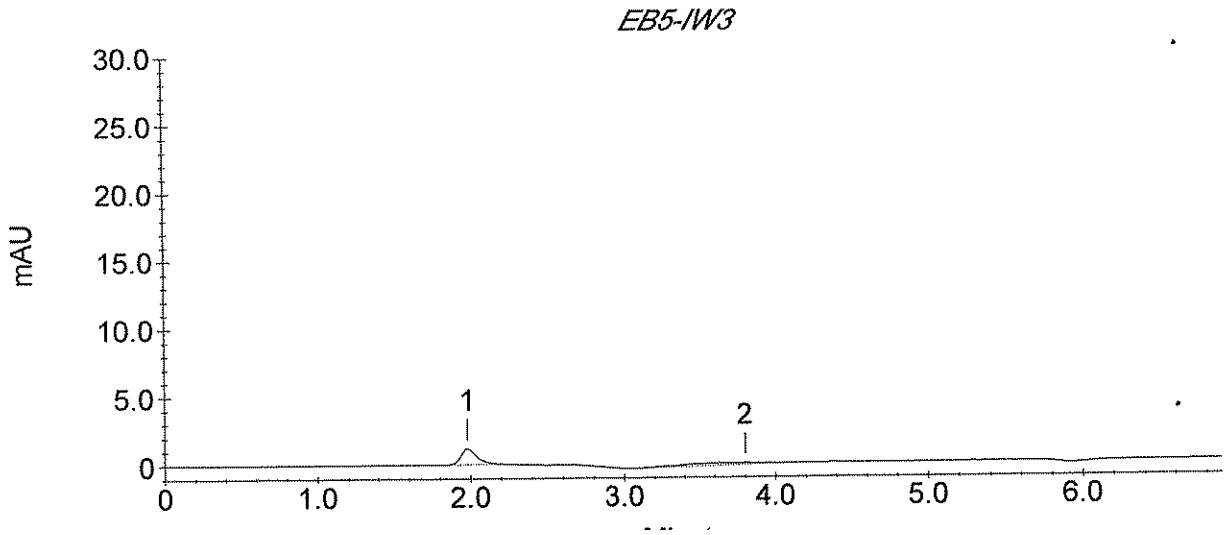
Sample Name : EB5-IW3
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_016.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 09:59:49
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 16
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	8426	1171
2		3.80	0.00	6260	144



STL Los Angeles Cr VI Sample Analysis Report

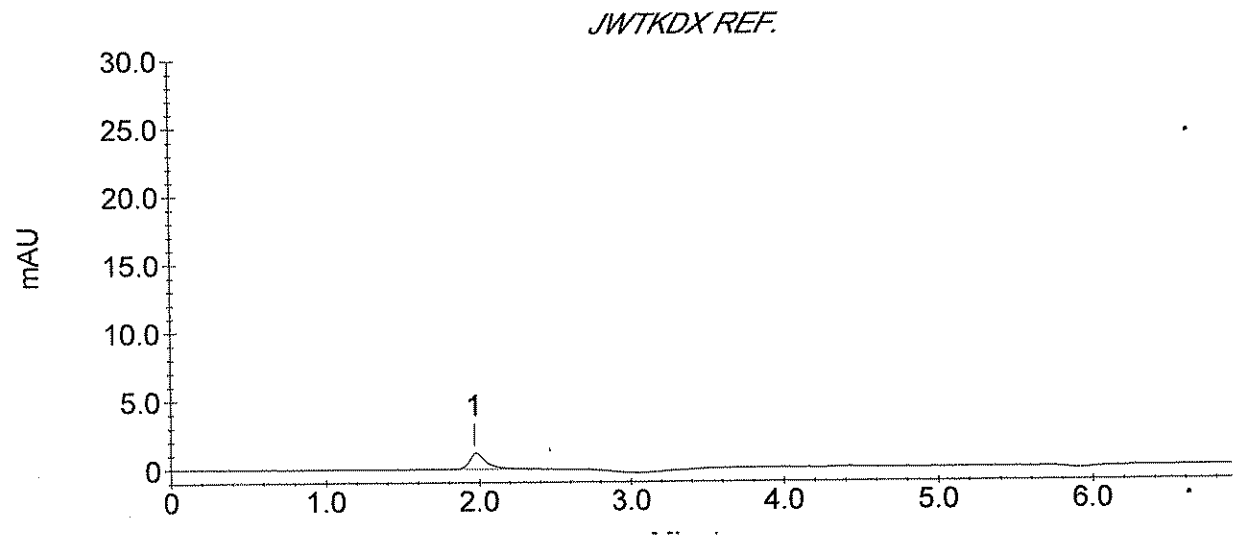
Sample Name : JWTKDX REF.
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_017.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 10:09:17
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 17
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9039	1112



STL Los Angeles Cr VI Sample Analysis Report

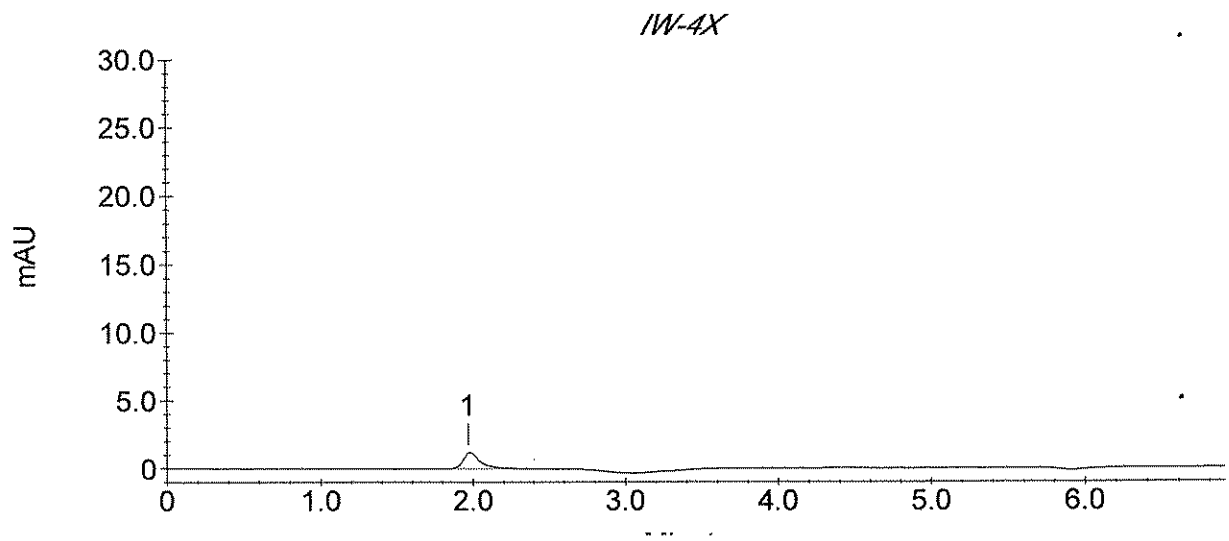
Sample Name : IW-4X
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_017.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 10:09:17
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 17
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9039	1112



STL Los Angeles Cr VI Sample Analysis Report

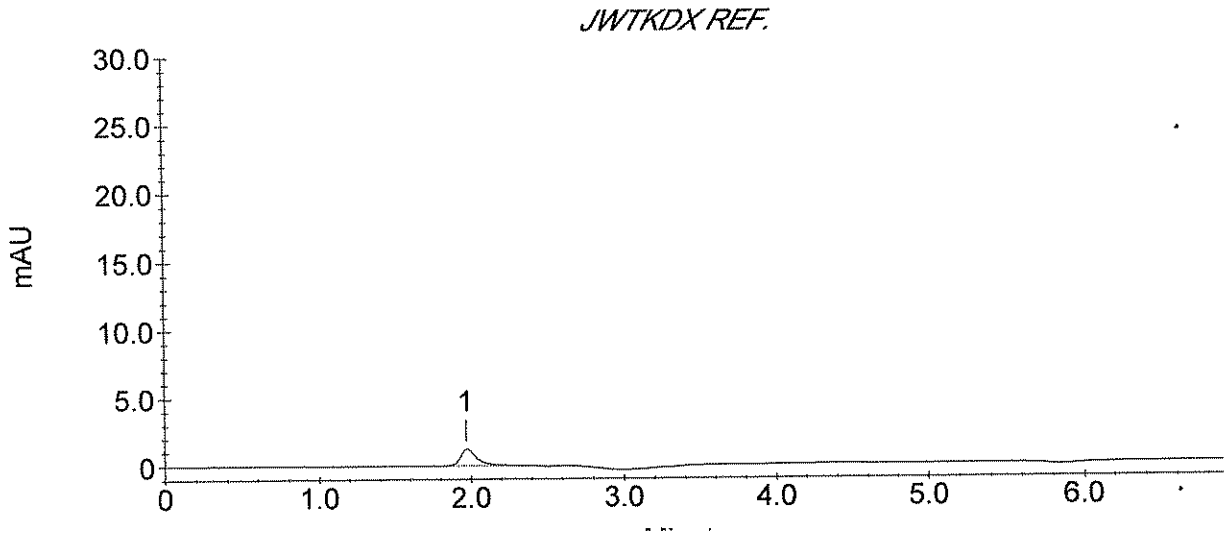
Sample Name : JWTKDX REF.
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_018.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 10:18:43
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 18
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9553	1205



STL Los Angeles Cr VI Sample Analysis Report

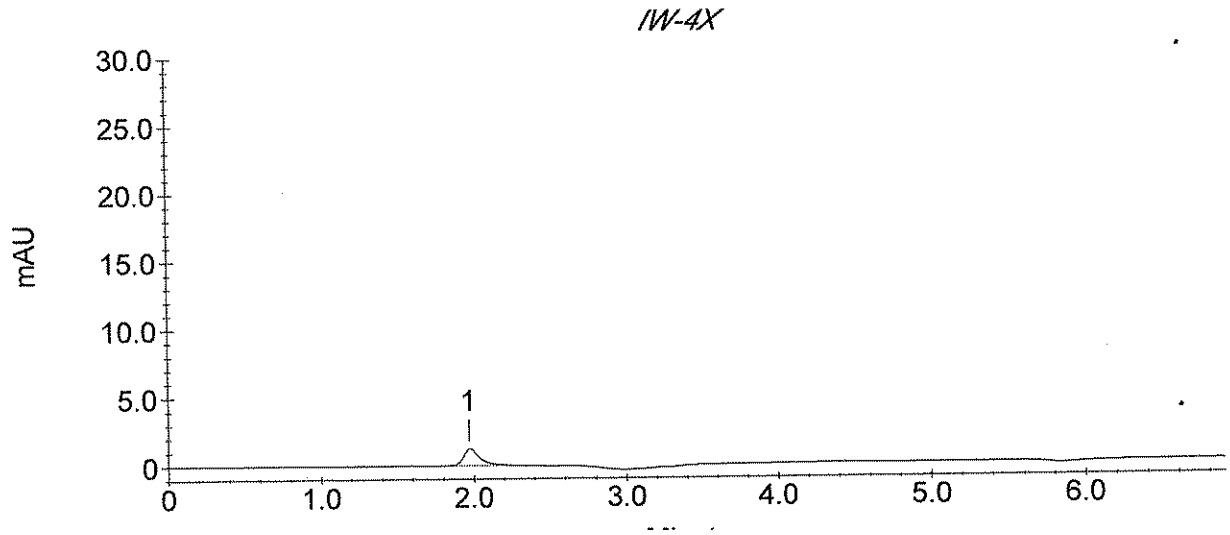
Sample Name : IW-4X
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_018.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 10:18:43
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 18
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9553	1205



STL Los Angeles Cr VI Sample Analysis Report

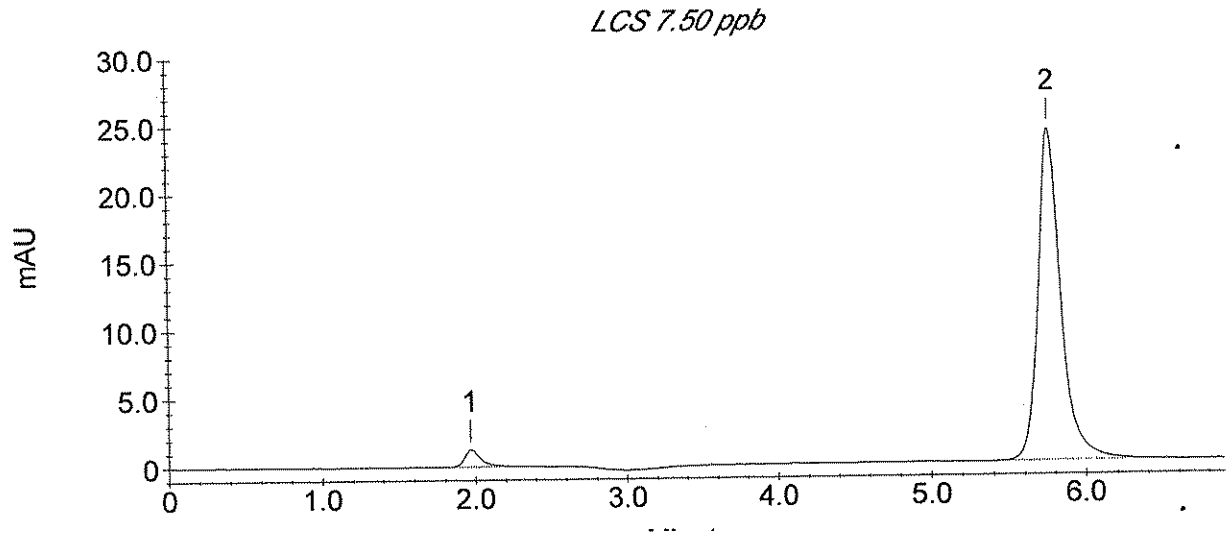
Sample Name : LCS 7.50 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_019.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 10:28:10
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 19
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9250	1243
2	CRVI	5.77	7.50	250151	24276



STL Los Angeles Cr VI Sample Analysis Report

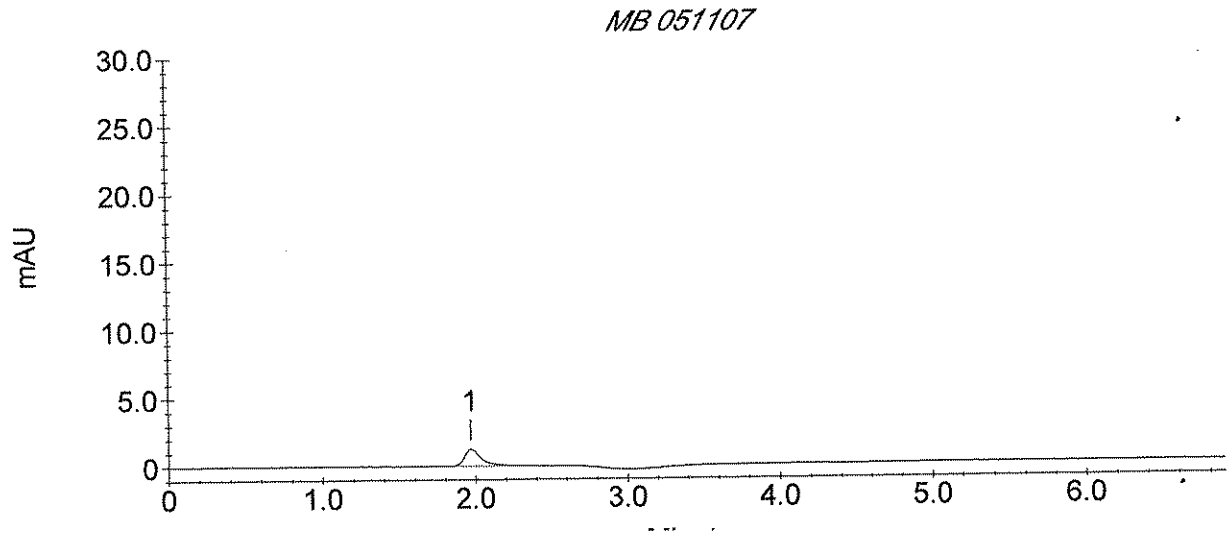
Sample Name : MB 051107
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_020.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 10:37:32
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 20
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9493	1241



STL Los Angeles Cr VI Sample Analysis Report

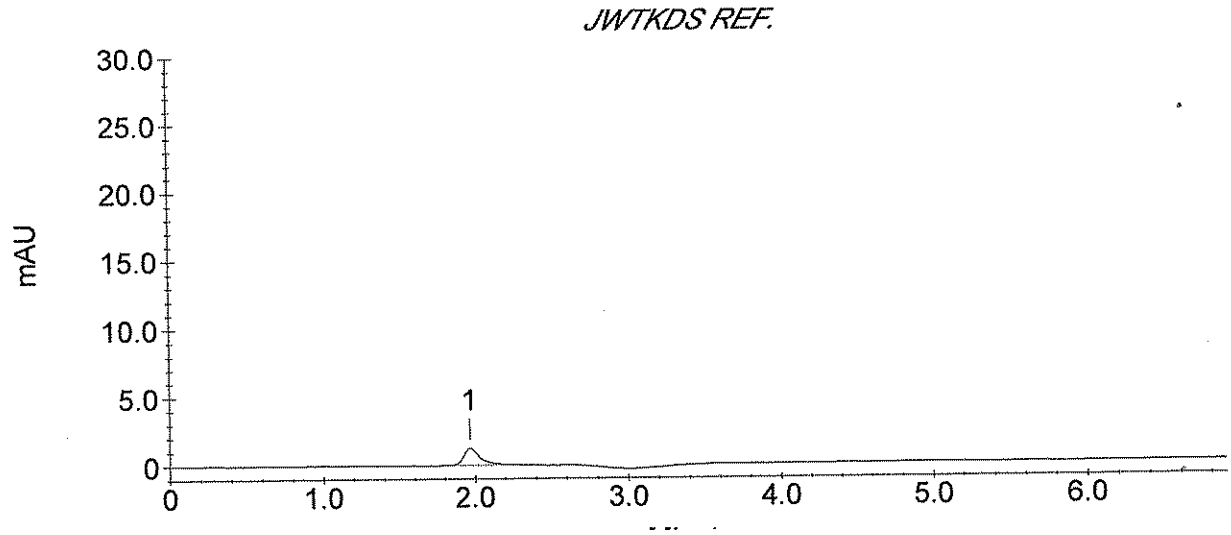
Sample Name : JWTKDS REF.
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_021.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 10:57:34
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 21
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9159	1225



STL Los Angeles Cr VI Sample Analysis Report

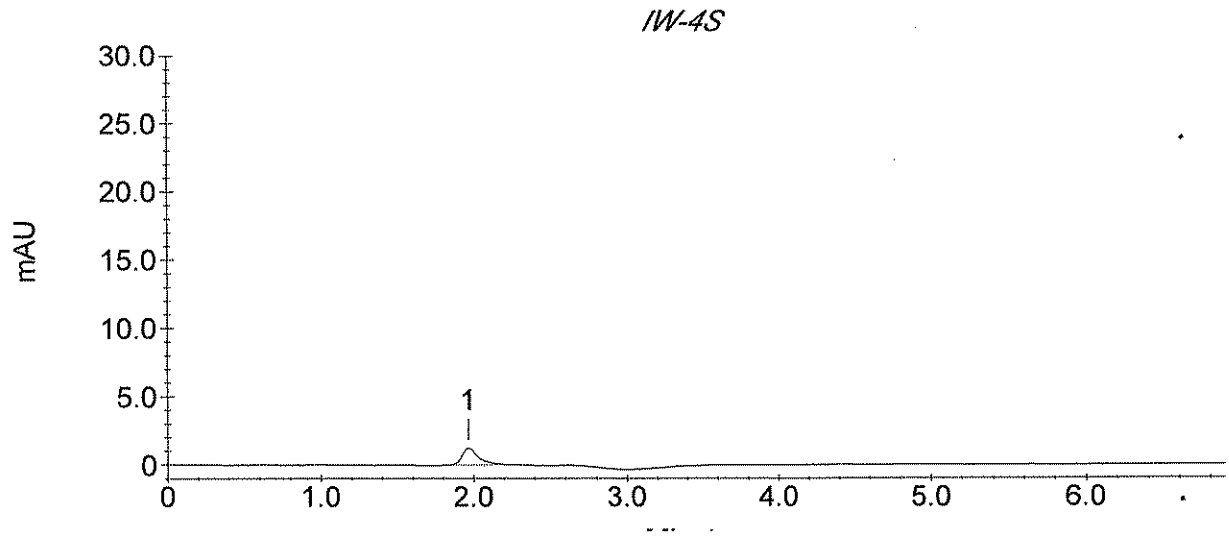
Sample Name : IW-4S
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_021.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 10:57:34
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 21
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9159	1225



STL Los Angeles Cr VI Sample Analysis Report

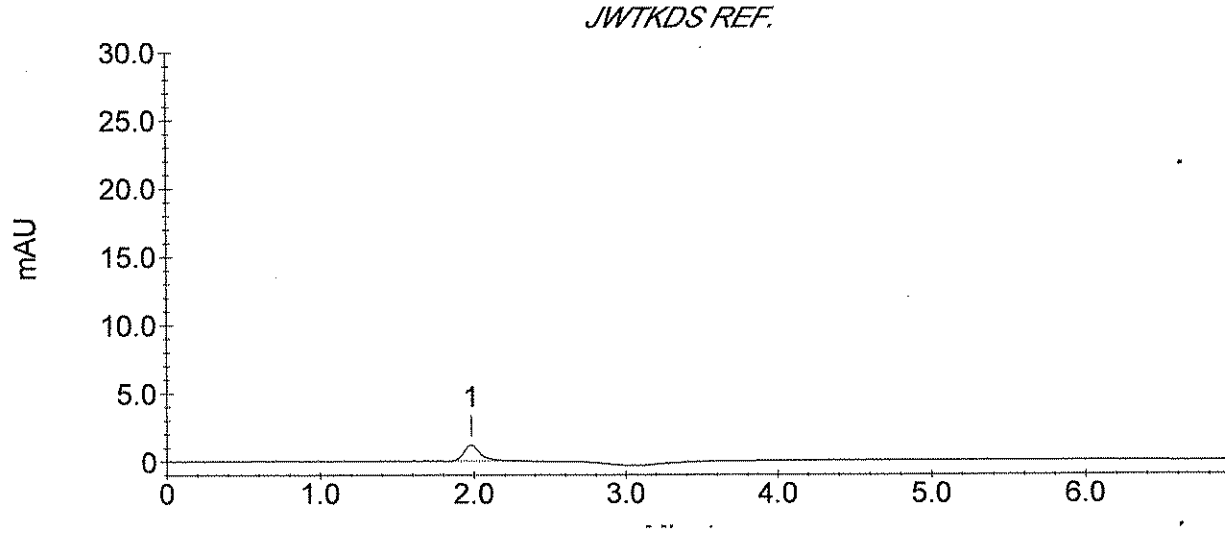
Sample Name : JWTKDS REF.
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_022.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 11:06:59
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 22
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	9035	1193



STL Los Angeles Cr VI Sample Analysis Report

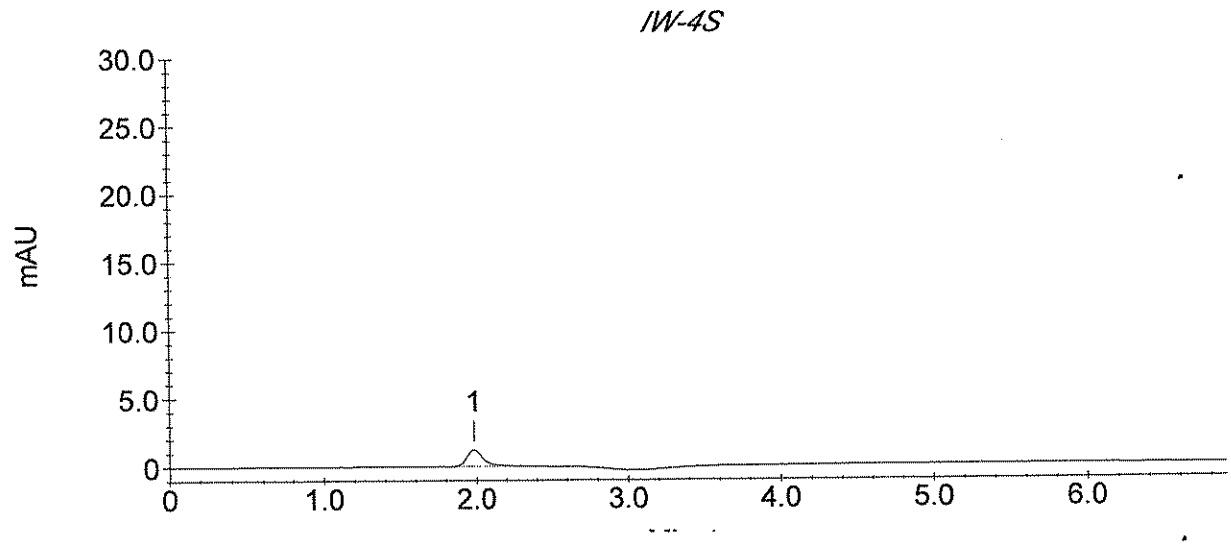
Sample Name : IW-4S
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_022.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 11:06:59
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 22
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	9035	1193



STL Los Angeles Cr VI Sample Analysis Report

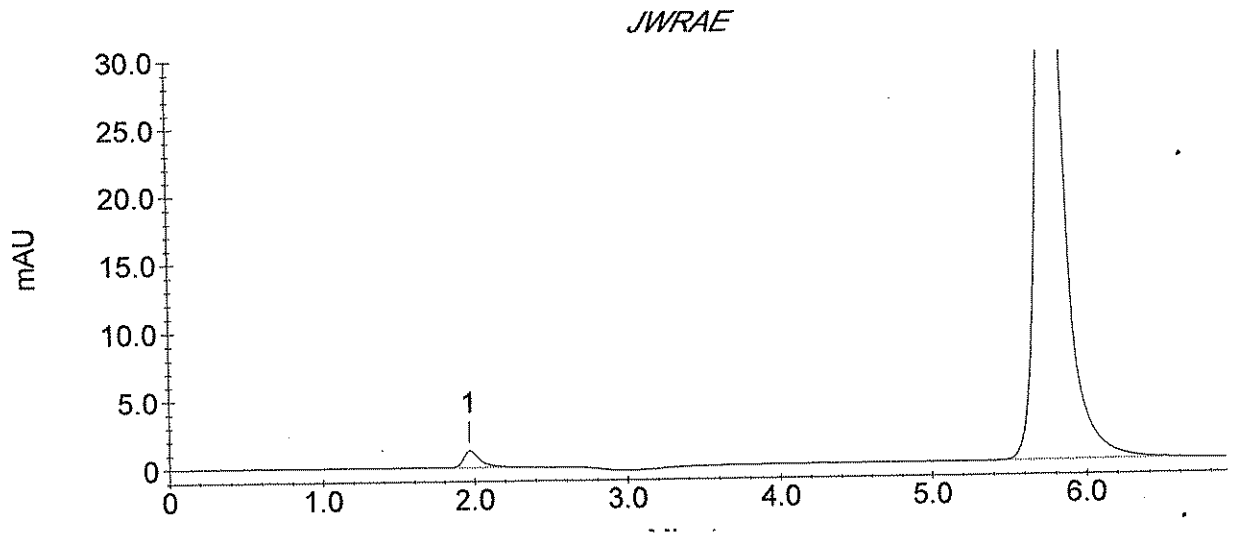
Sample Name : JWRAE
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_023.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 11:16:26
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 23
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9373	1210
2	CRVI	5.77	4683.94	625975	58754



STL Los Angeles Cr VI Sample Analysis Report

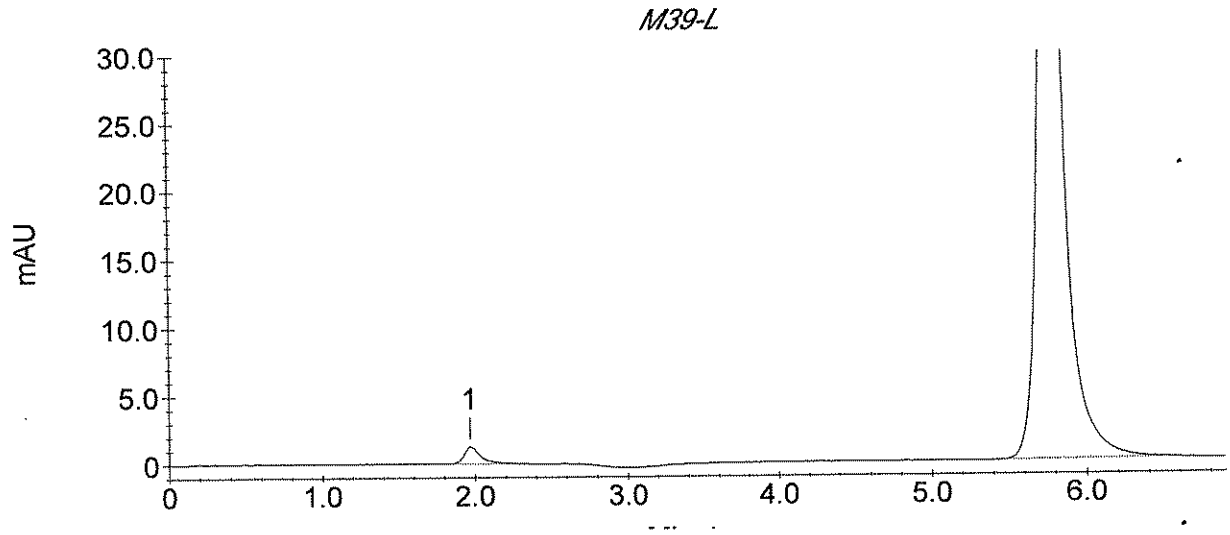
Sample Name : M39-L
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_023.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 11:16:26
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 23
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9373	1210
2	CRVI	5.77	4683.94	625975	58754



STL Los Angeles Cr VI Sample Analysis Report

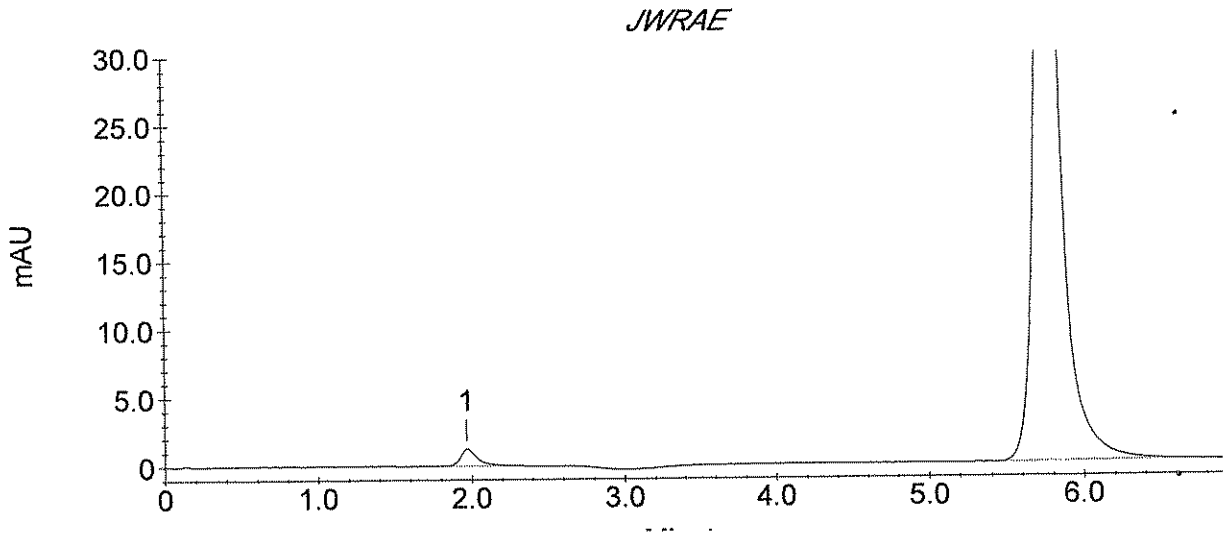
Sample Name : JWRAE
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_024.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 11:25:54
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 24
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8995	1215
2	CRVI	5.77	4824.72	644804	61484



STL Los Angeles Cr VI Sample Analysis Report

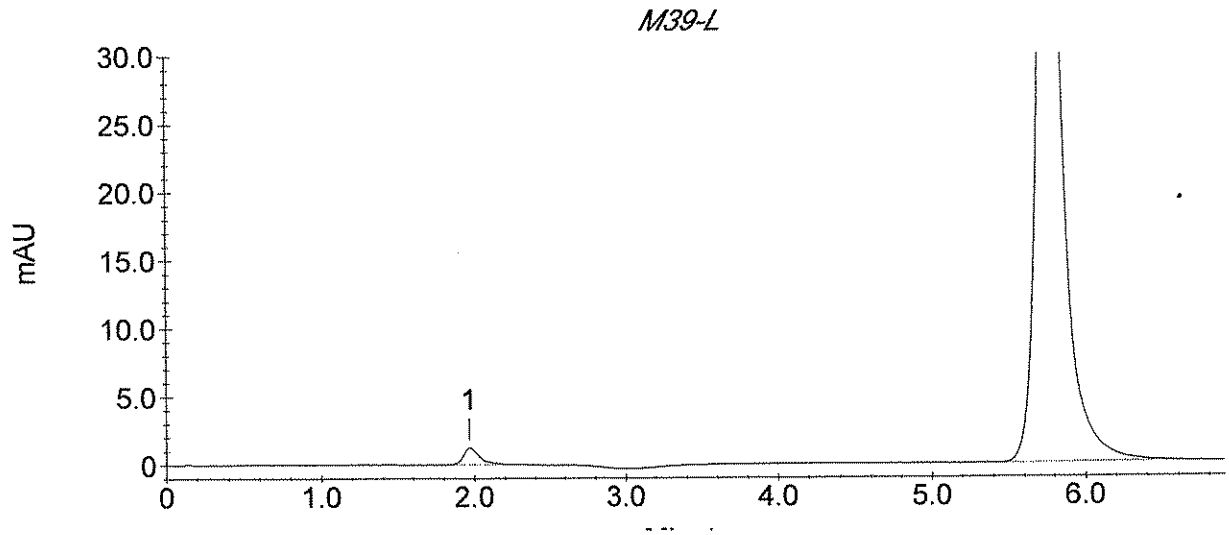
Sample Name : M39-L
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_024.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 11:25:54
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 24
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8995	1215
2	CRVI	5.77	4824.72	644804	61484



STL Los Angeles Cr VI Sample Analysis Report

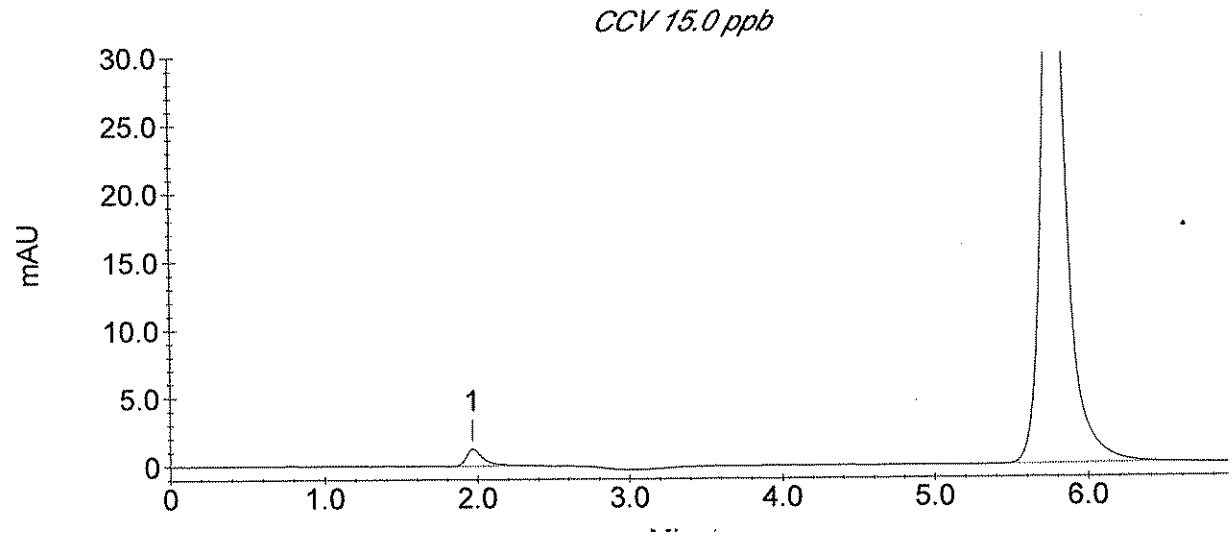
Sample Name : CCV 15.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_025.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 11:35:21
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 25
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9459	1223
2	CRVI	5.77	14.79	494152	46207



STL Los Angeles Cr VI Sample Analysis Report

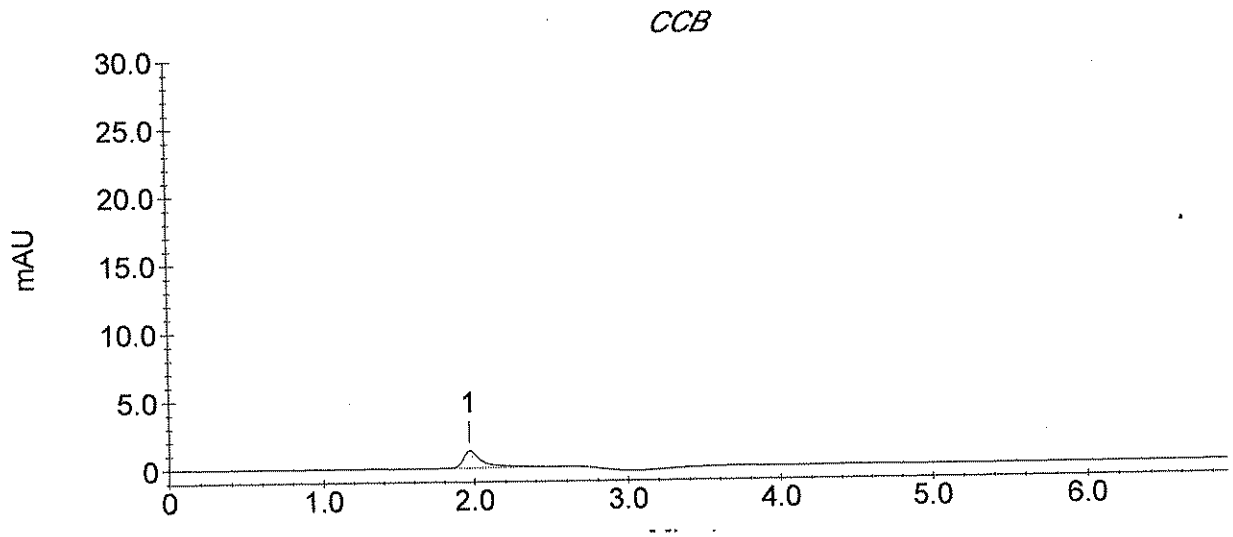
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_026.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 11:44:46
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 26
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	11159	1251



STL Los Angeles Cr VI Sample Analysis Report

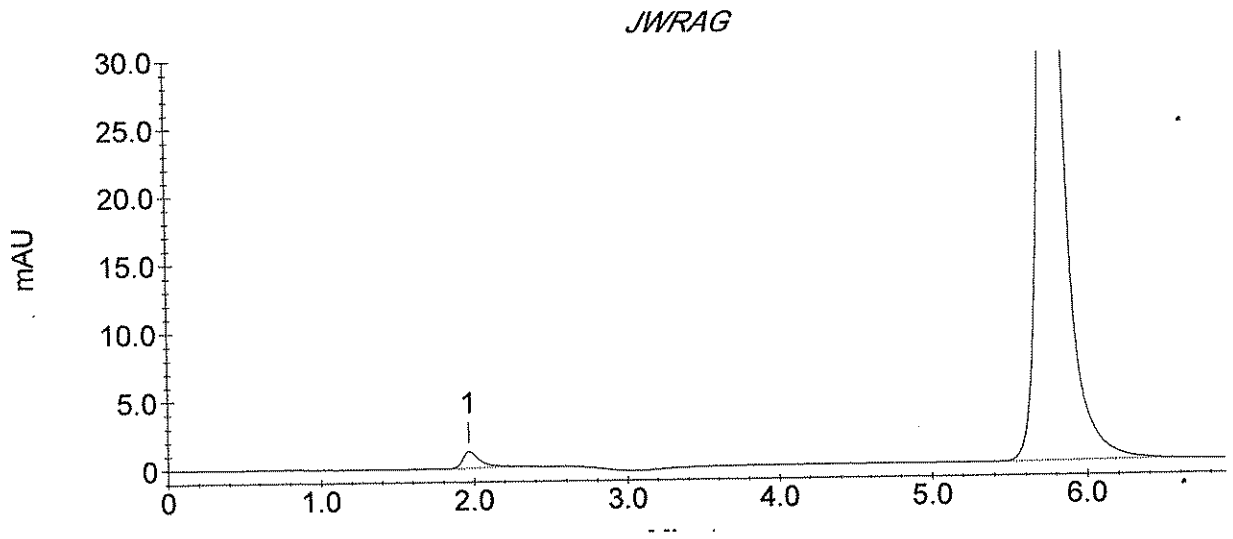
Sample Name : JWRAG
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_027.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 11:54:13
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 27
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9391	1220
2	CRVI	5.78	4805.15	642186	61676



STL Los Angeles Cr VI Sample Analysis Report

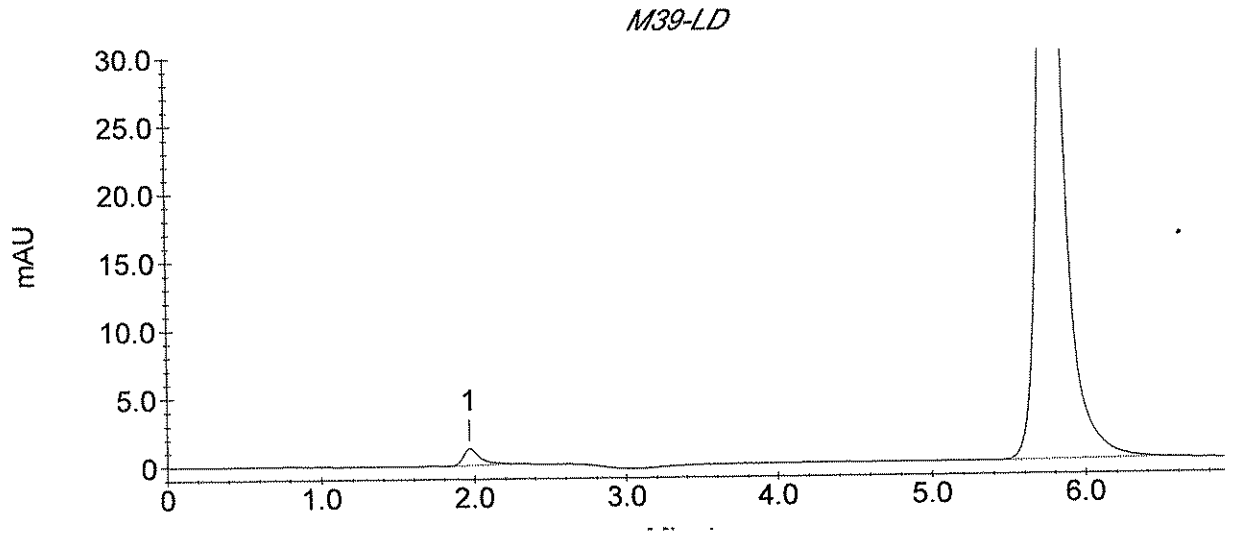
Sample Name : M39-LD
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_027.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 11:54:13
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 27
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9391	1220
2	CRVI	5.78	4805.15	642186	61676



STL Los Angeles Cr VI Sample Analysis Report

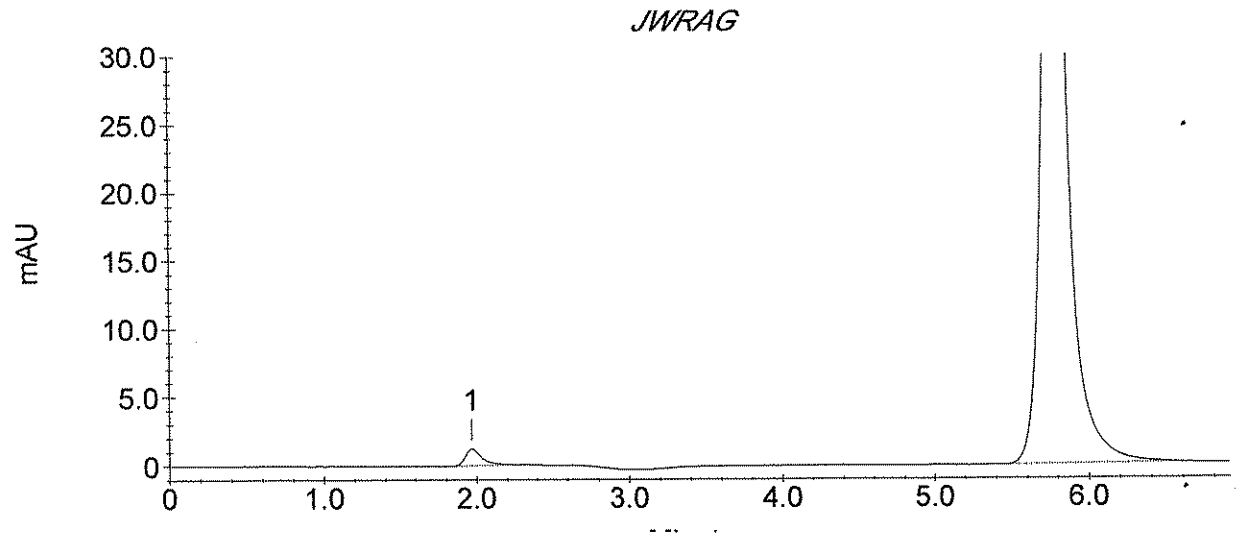
Sample Name : JWRAG
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_028.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 12:03:37
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 28
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9155	1228
2	CRVI	5.78	4832.97	645907	61782



STL Los Angeles Cr VI Sample Analysis Report

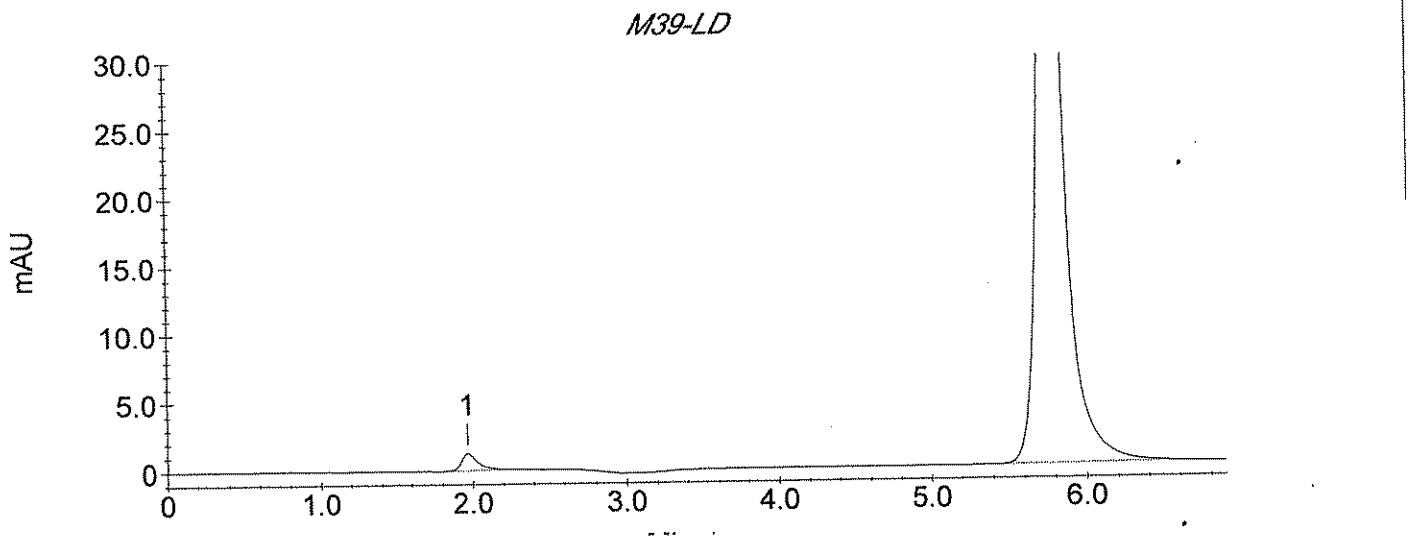
Sample Name : M39-LD
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_028.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 12:03:37
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 28
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9155	1228
2	CRVI	5.78	4832.97	645907	61782



STL Los Angeles Cr VI Sample Analysis Report

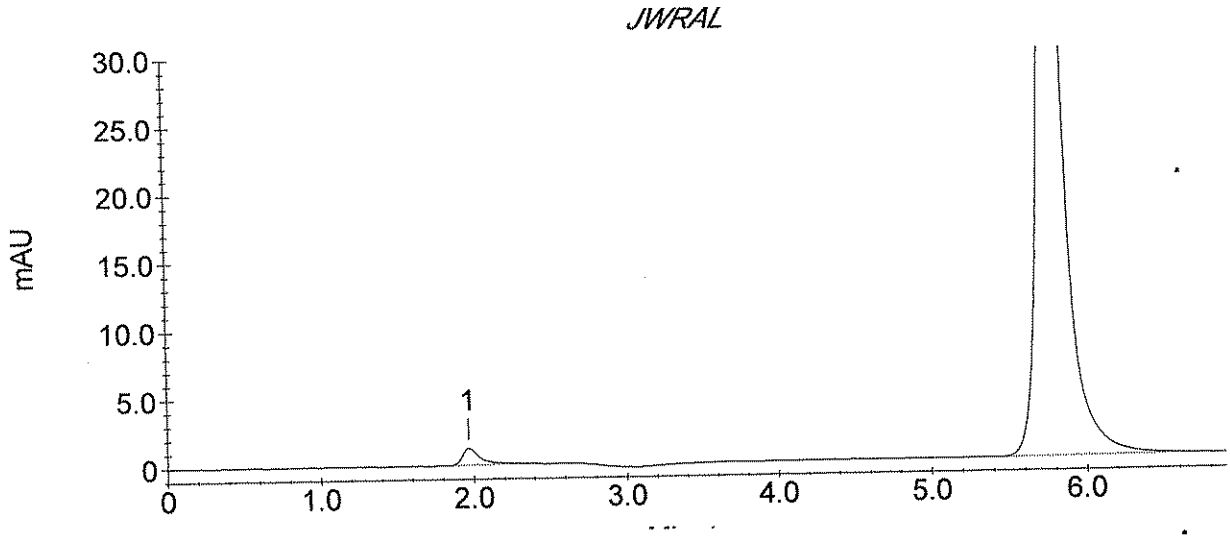
Sample Name : JWRAL
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_029.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 12:13:04
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 29
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9686	1226
2	CRVI	5.78	4685.15	626137	59708



STL Los Angeles Cr VI Sample Analysis Report

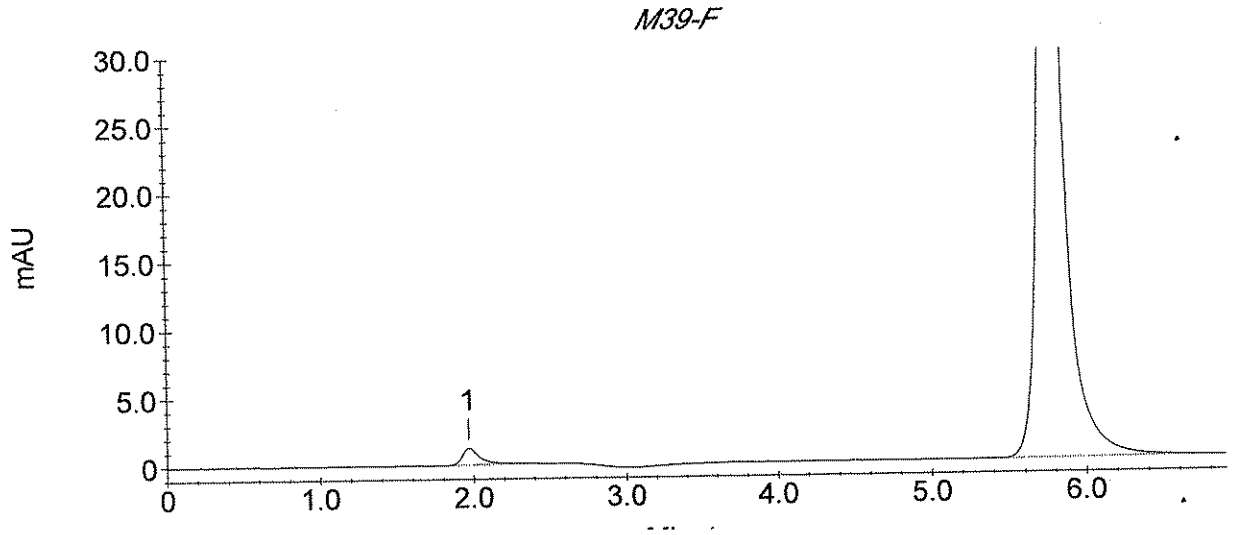
Sample Name : M39-F
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_029.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 12:13:04
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 29
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9686	1226
2	CRVI	5.78	4685.15	626137	59708



STL Los Angeles Cr VI Sample Analysis Report

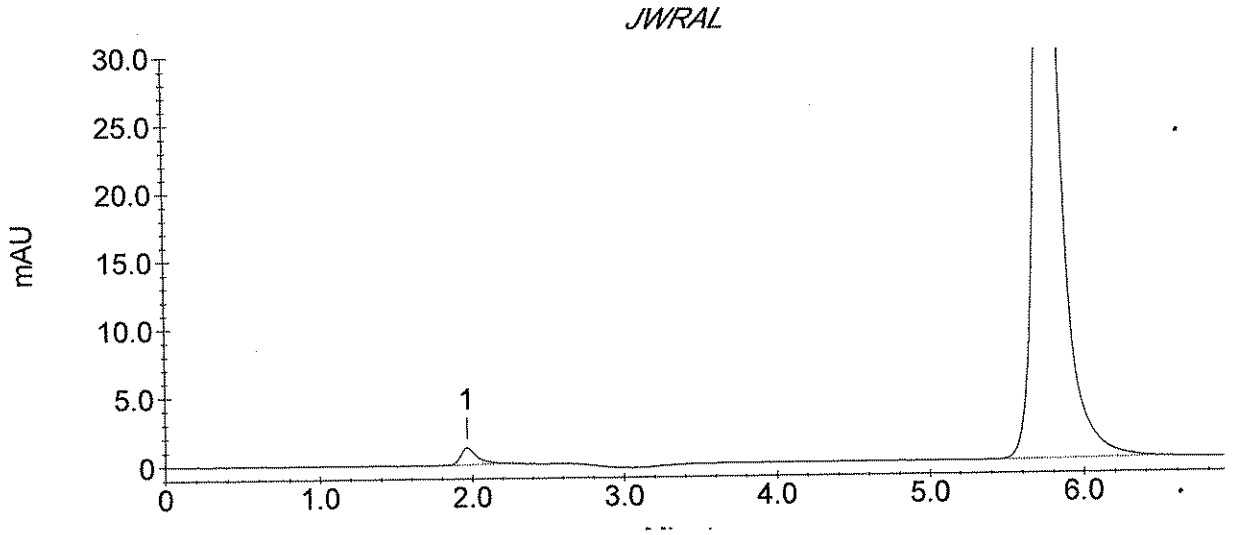
Sample Name : JWRAL
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_030.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 12:22:29
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 30
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9330	1228
2	CRVI	5.77	4844.58	647460	61183



STL Los Angeles Cr VI Sample Analysis Report

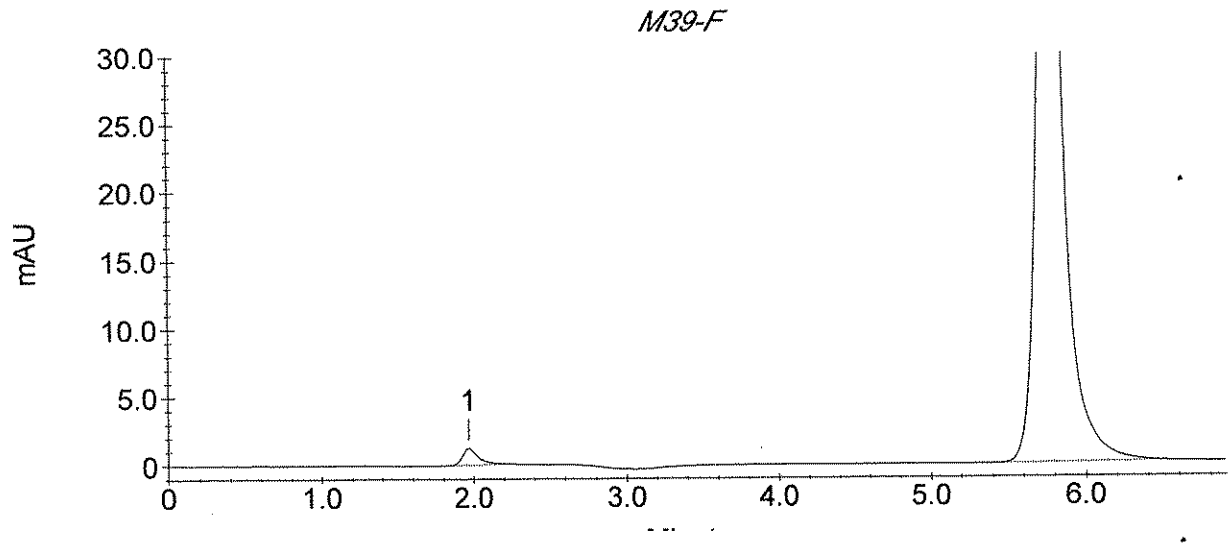
Sample Name : M39-F
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_030.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 12:22:29
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 30
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9330	1228
2	CRVI	5.77	4844.58	647460	61183



STL Los Angeles Cr VI Sample Analysis Report

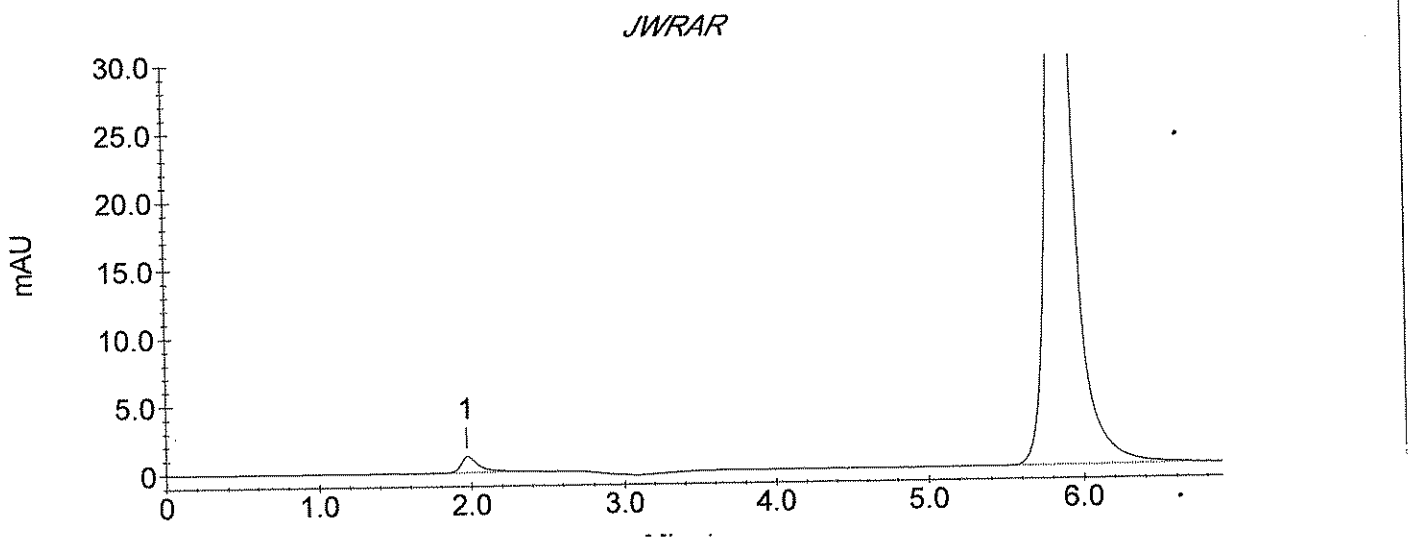
Sample Name : JWRAR
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_031.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 12:31:56
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 31
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9649	1144
2	CRVI	5.85	4704.17	628681	58867



STL Los Angeles Cr VI Sample Analysis Report

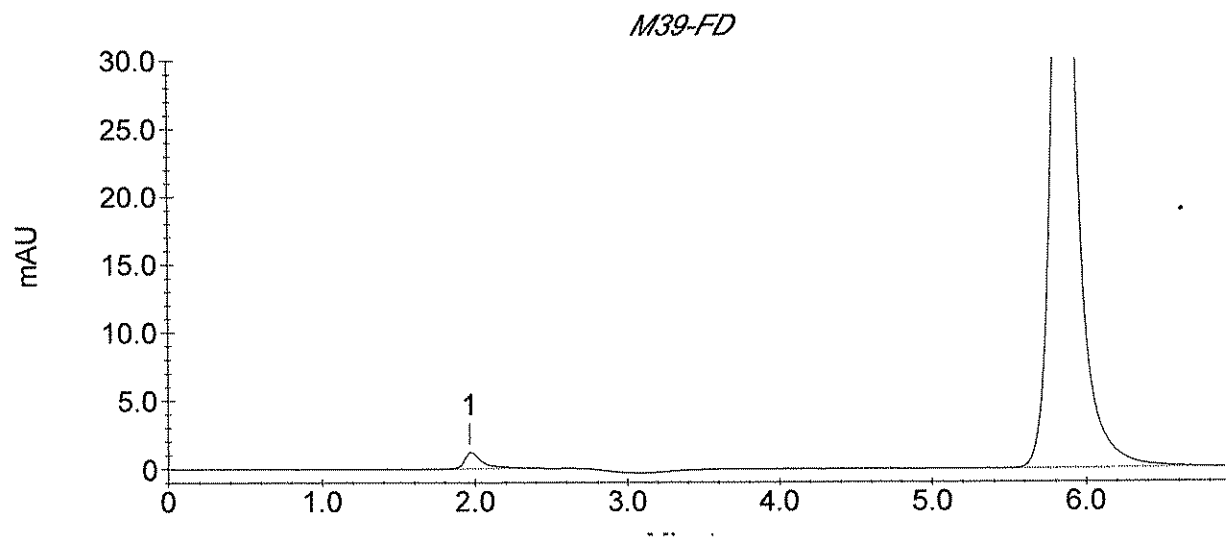
Sample Name : M39-FD
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_031.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 12:31:56
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 31
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9649	1144
2	CRVI	5.85	4704.17	628681	58867



STL Los Angeles Cr VI Sample Analysis Report

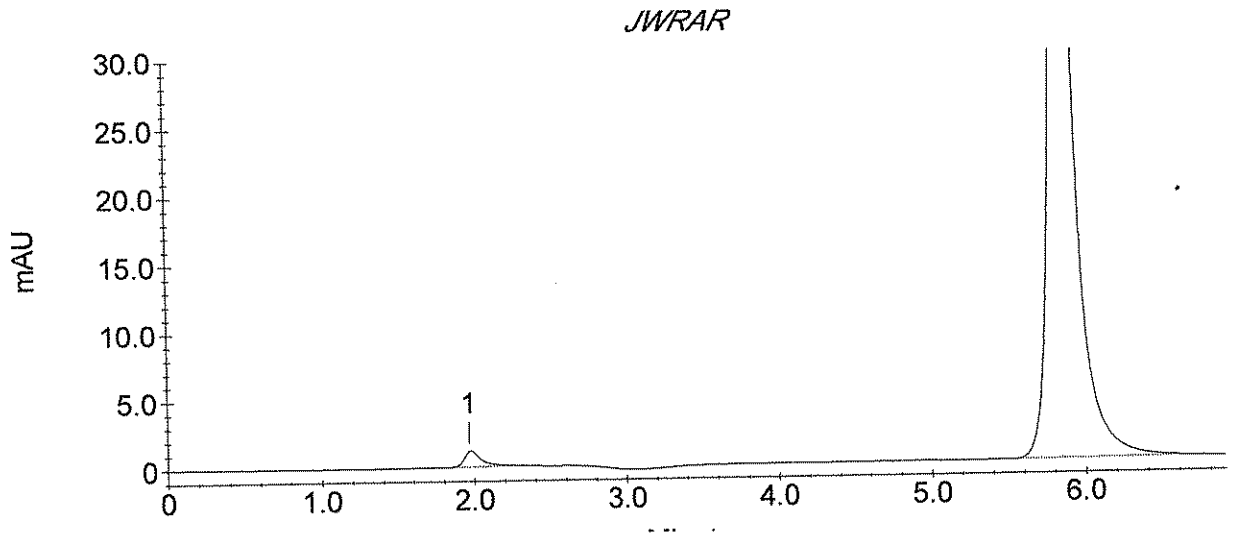
Sample Name : JWRAR
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_032.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 12:41:22
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 32
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9082	1121
2	CRVI	5.85	4535.32	606098	56017



STL Los Angeles Cr VI Sample Analysis Report

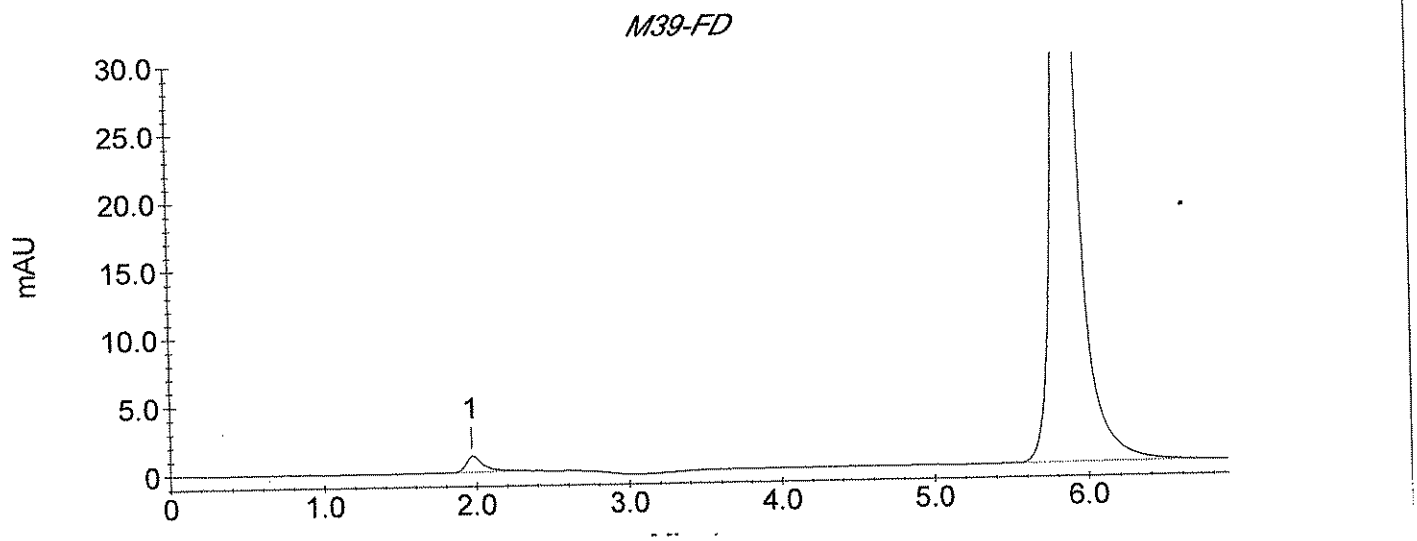
Sample Name : M39-FD
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_032.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 12:41:22
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 32
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9082	1121
2	CRVI	5.85	4535.32	606098	56017



STL Los Angeles Cr VI Sample Analysis Report

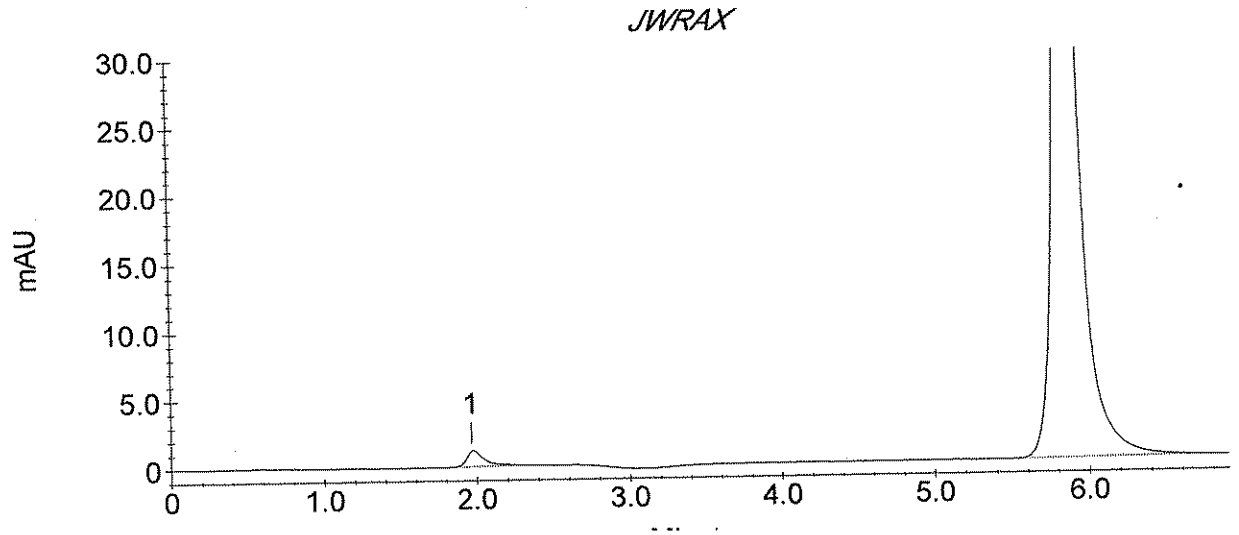
Sample Name : JWRAX
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_033.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 12:50:49
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 33
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9444	1103
2	CRVI	5.87	4728.35	631915	59848



STL Los Angeles Cr VI Sample Analysis Report

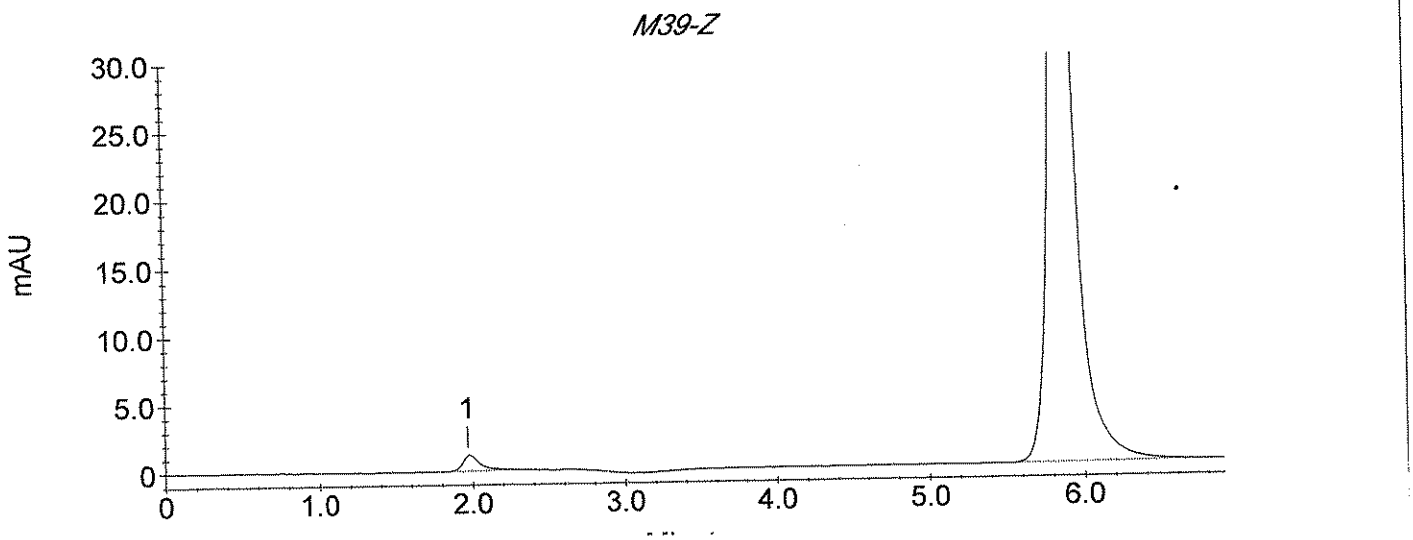
Sample Name : M39-Z
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_033.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 12:50:49
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 33
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9444	1103
2	CRVI	5.87	4728.35	631915	59848



STL Los Angeles Cr VI Sample Analysis Report

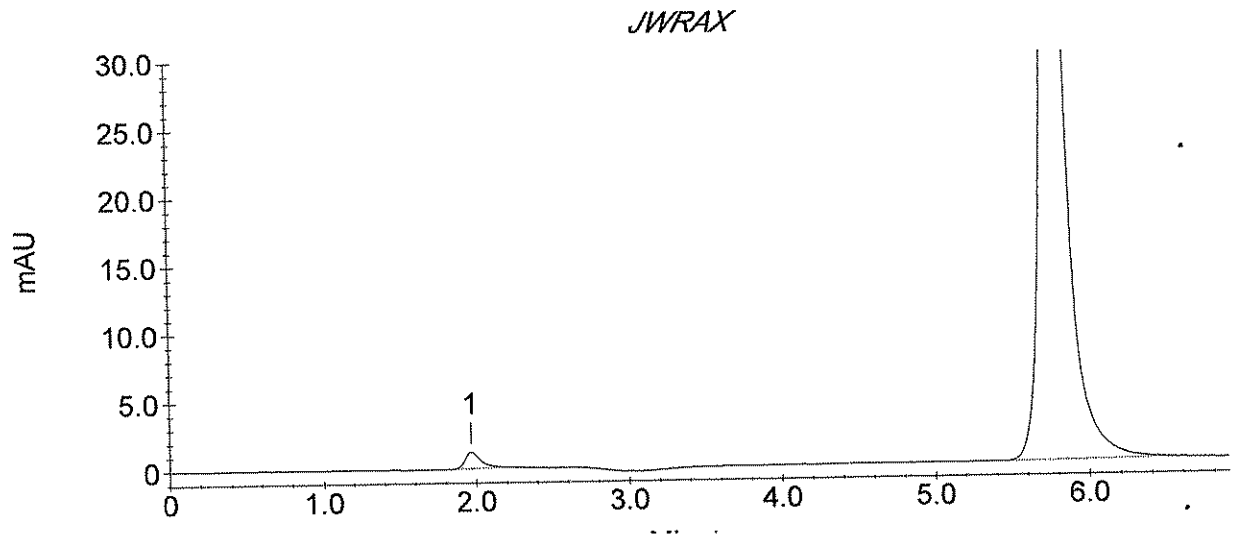
Sample Name : JWRAX
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_034.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 13:00:15
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 34
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8718	1188
2	CRVI	5.78	4720.60	630879	60450



STL Los Angeles Cr VI Sample Analysis Report

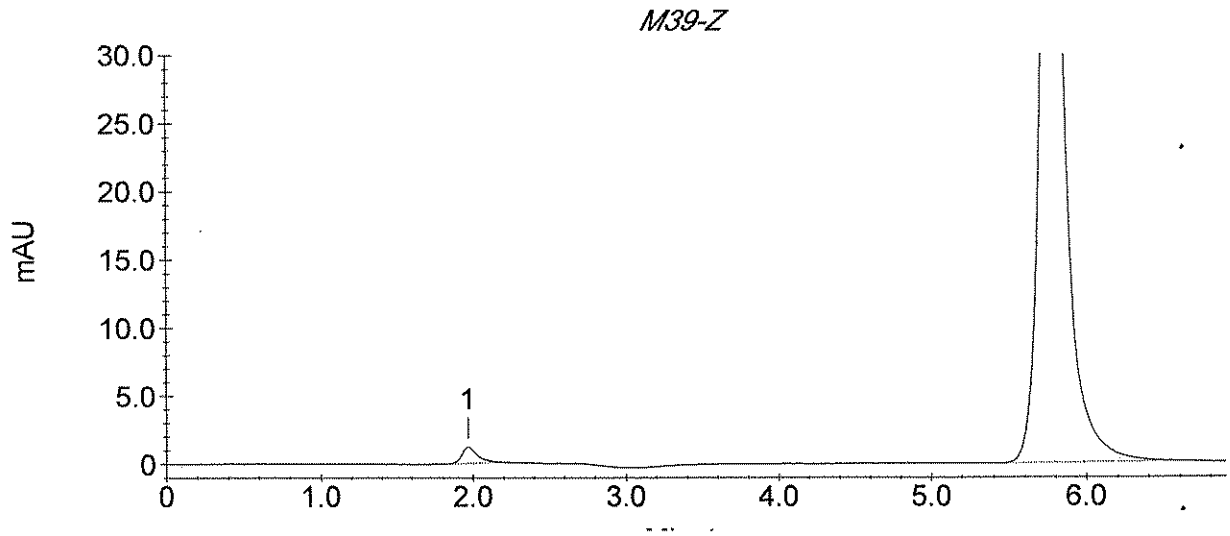
Sample Name : M39-Z
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_034.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 13:00:15
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 34
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8718	1188
2	CRVI	5.78	4720.60	630879	60450



STL Los Angeles Cr VI Sample Analysis Report

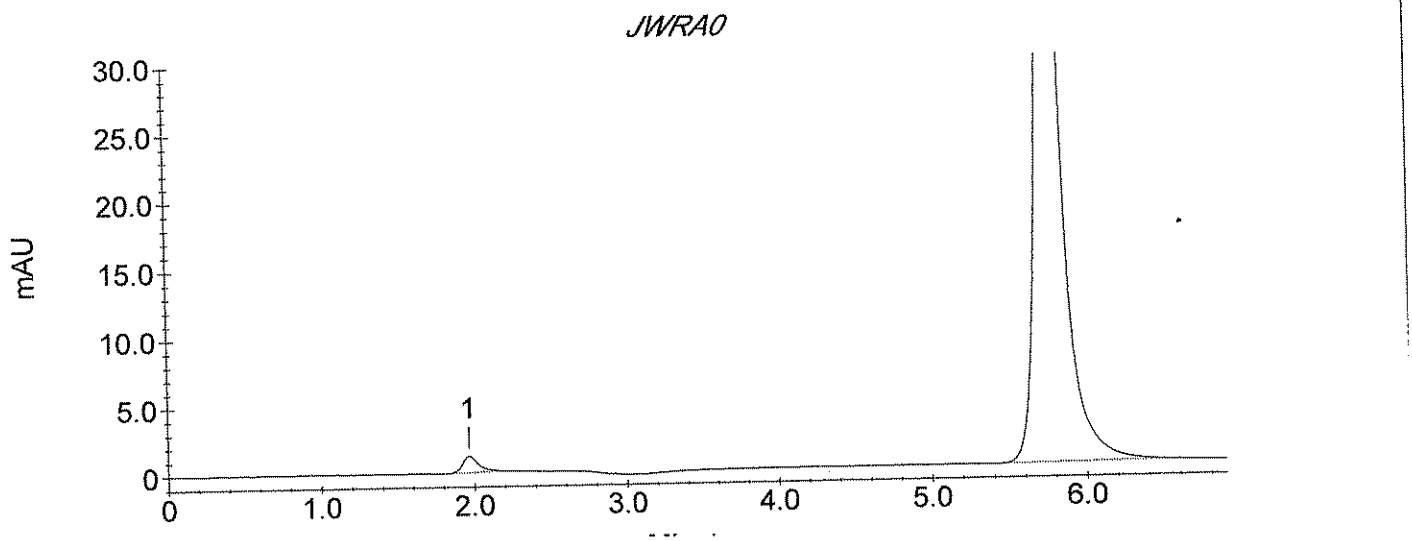
Sample Name : JWRA0
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_035.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 13:09:37
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 35
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8738	1212
2	CRVI	5.77	4546.61	607609	58221



STL Los Angeles Cr VI Sample Analysis Report

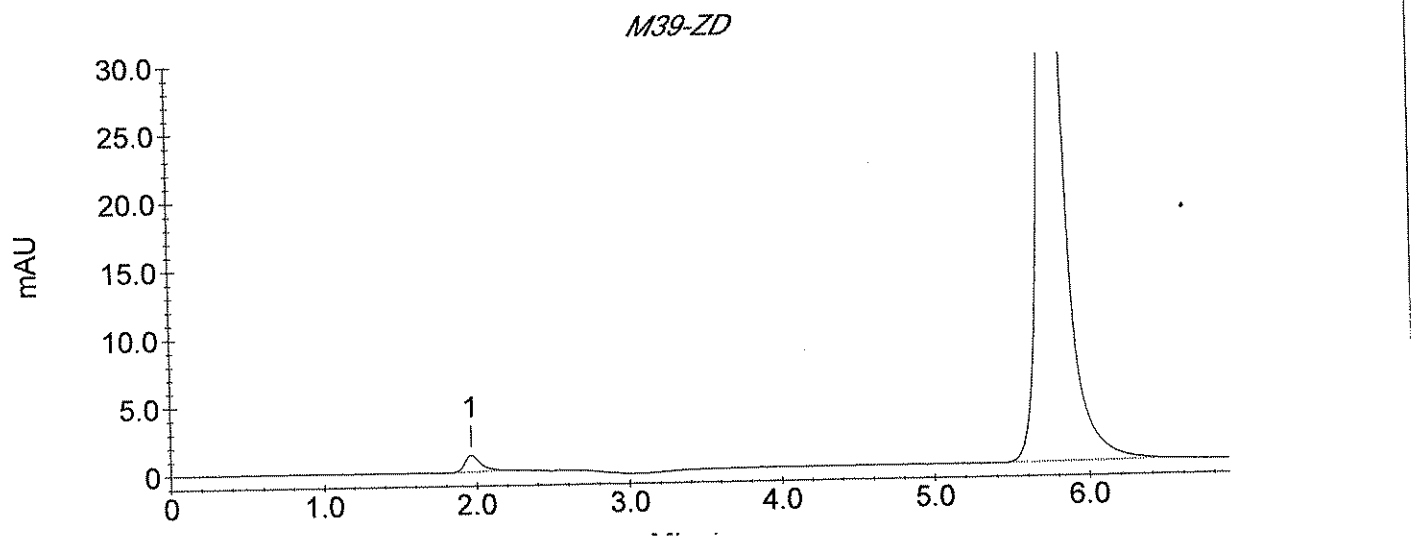
Sample Name : M39-ZD
Data File Name : c:\peaknet\crvi\crvi 2\CrVI051107_035.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 13:09:37
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 35
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8738	1212
2	CRVI	5.77	4546.61	607609	58221



STL Los Angeles Cr VI Sample Analysis Report

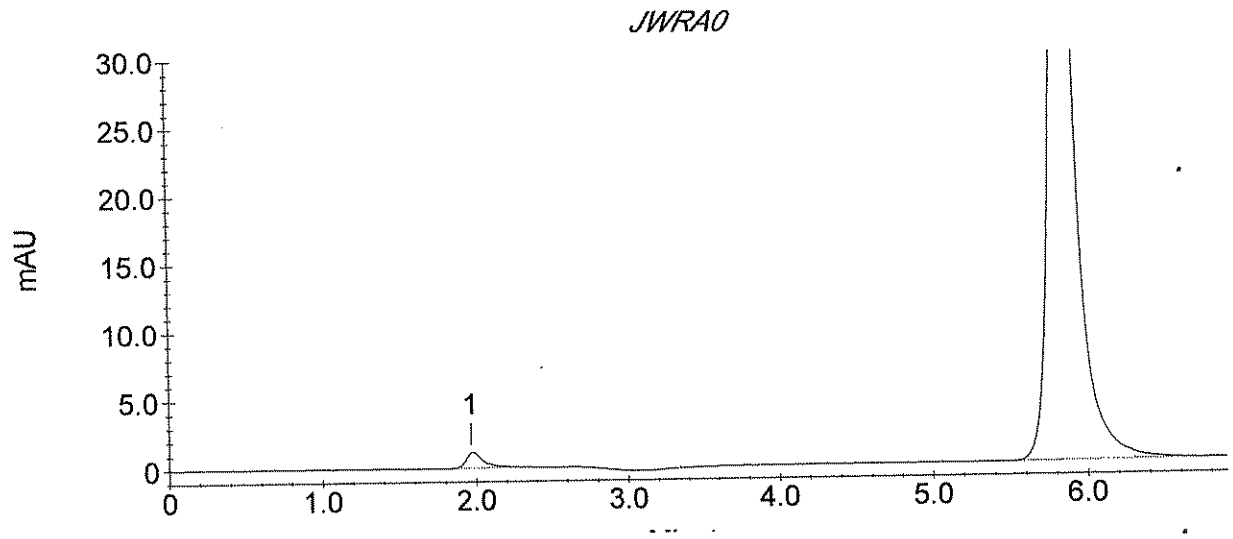
Sample Name : JWRA0
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_036.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 13:21:12
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 36
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8975	1102
2	CRVI	5.85	4727.06	631743	59900



STL Los Angeles Cr VI Sample Analysis Report

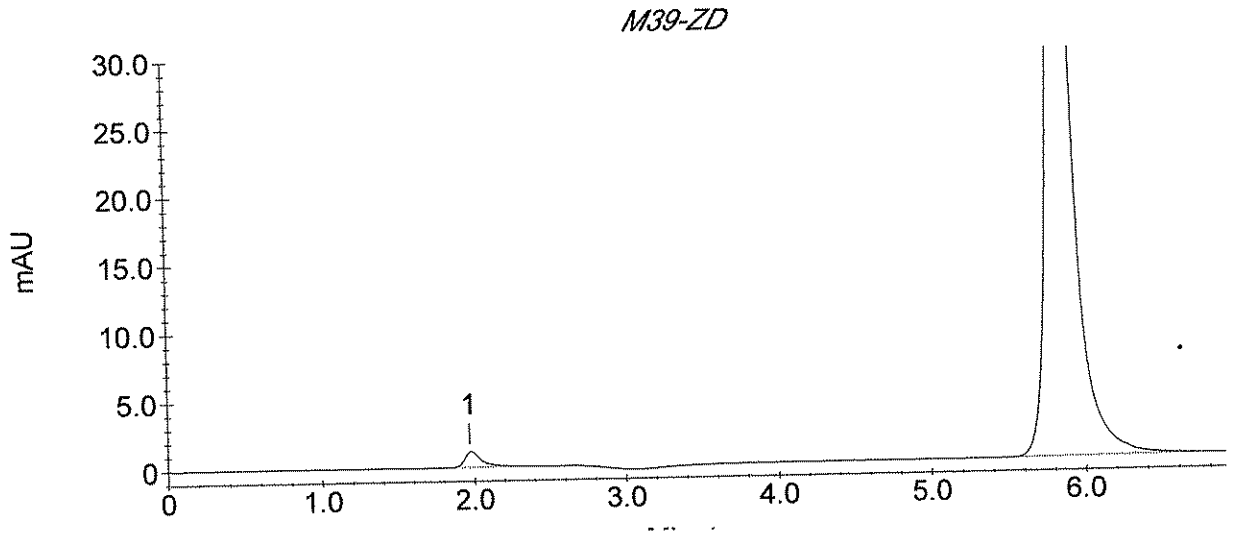
Sample Name : M39-ZD
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_036.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 13:21:12
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 36
Dilution Factor : 250.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8975	1102
2	CRVI	5.85	4727.06	631743	59900



STL Los Angeles Cr VI Sample Analysis Report

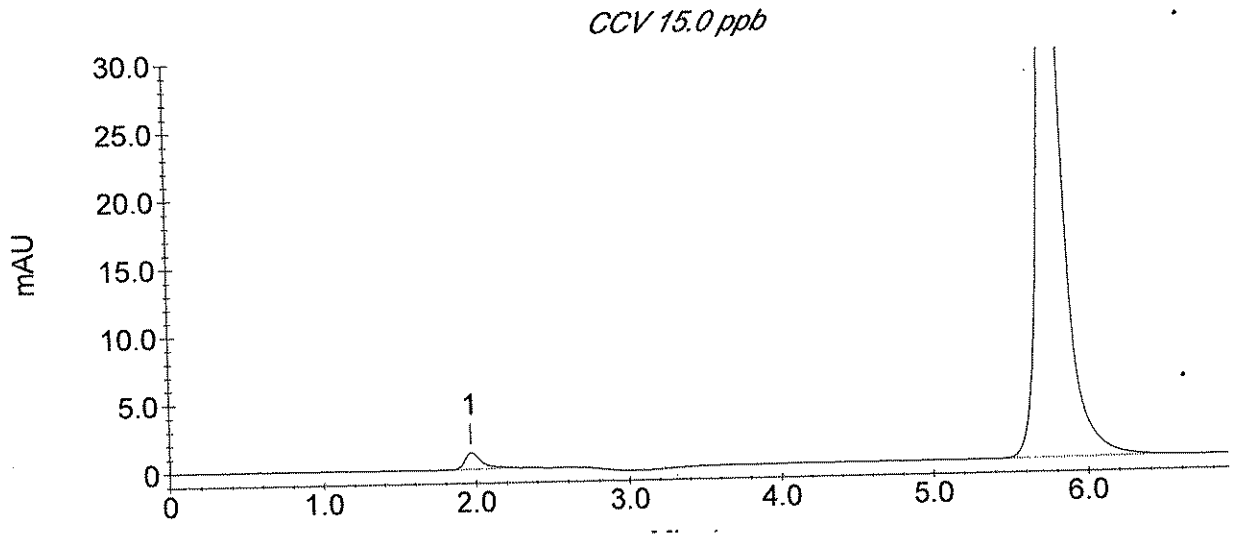
Sample Name : CCV 15.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_037.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 13:30:34
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 37
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9255	1204
2	CRVI	5.77	15.11	504659	47332



STL Los Angeles Cr VI Sample Analysis Report

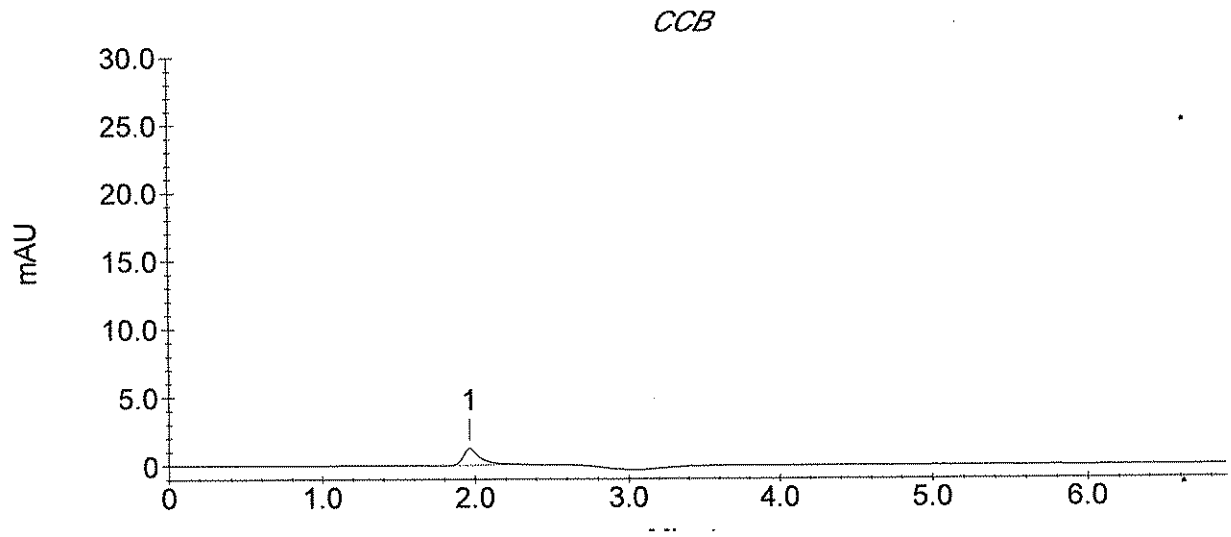
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_038.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 13:39:58
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 38
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9620	1234



STL Los Angeles Cr VI Sample Analysis Report

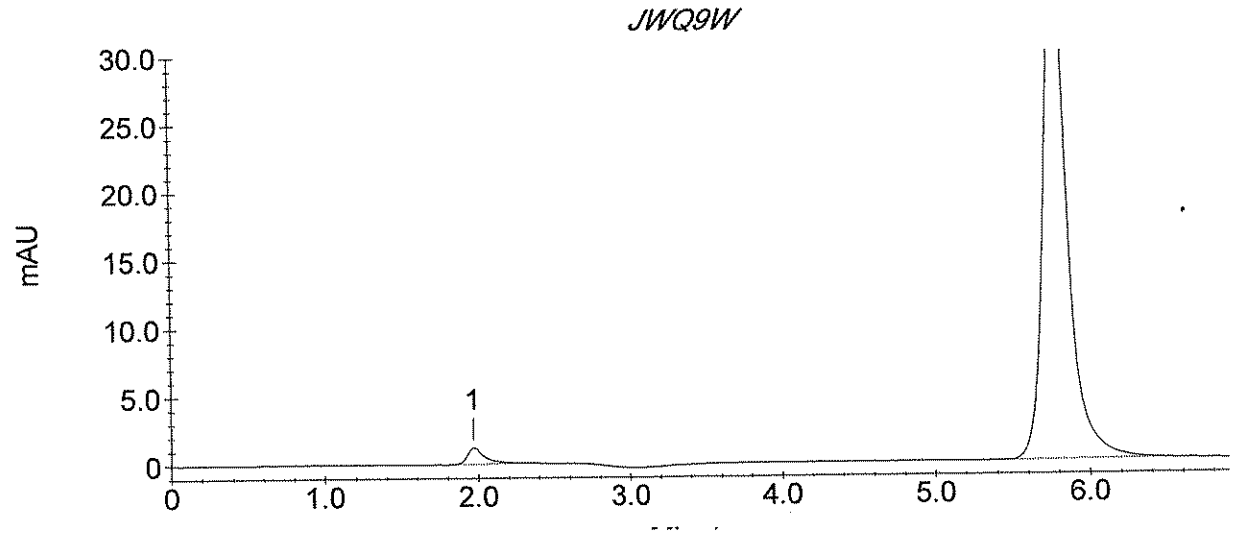
Sample Name : JWQ9W
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_039.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 13:50:22
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 39
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9574	1199
2	CRVI	5.78	1237.32	413241	39649



STL Los Angeles Cr VI Sample Analysis Report

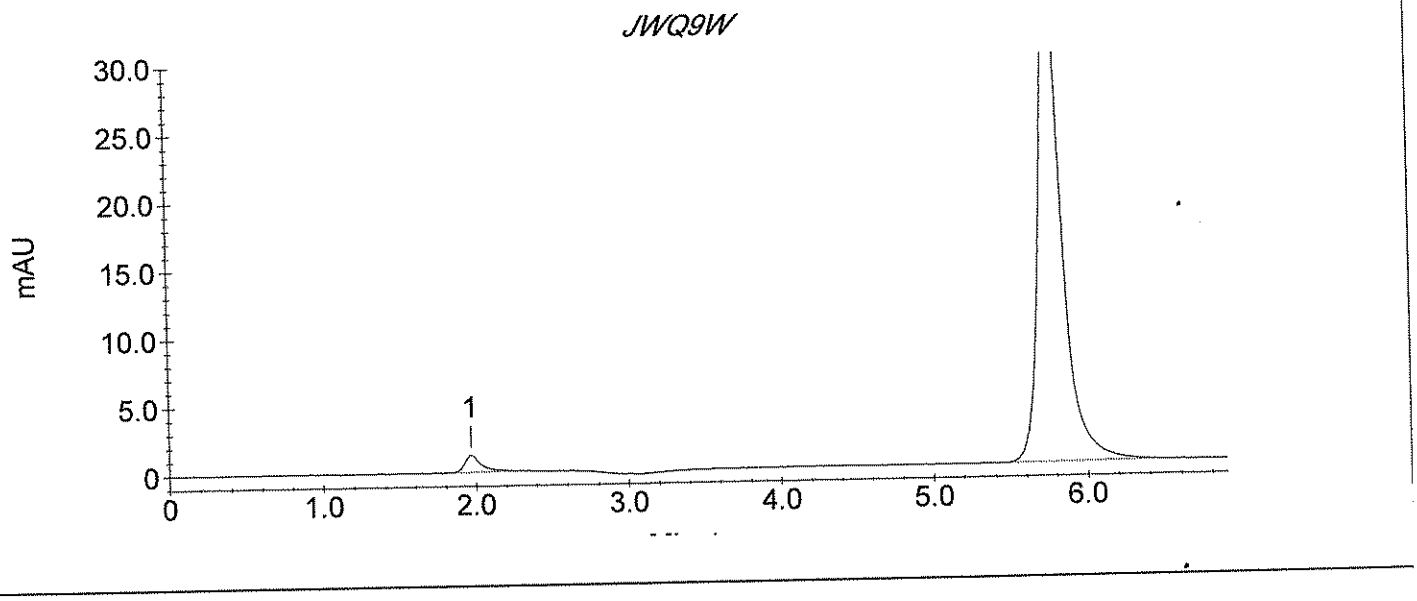
Sample Name : JWQ9W
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_040.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 13:59:44
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 40
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9591	1231
2	CRVI	5.77	1152.11	384752	36708



STL Los Angeles Cr VI Sample Analysis Report

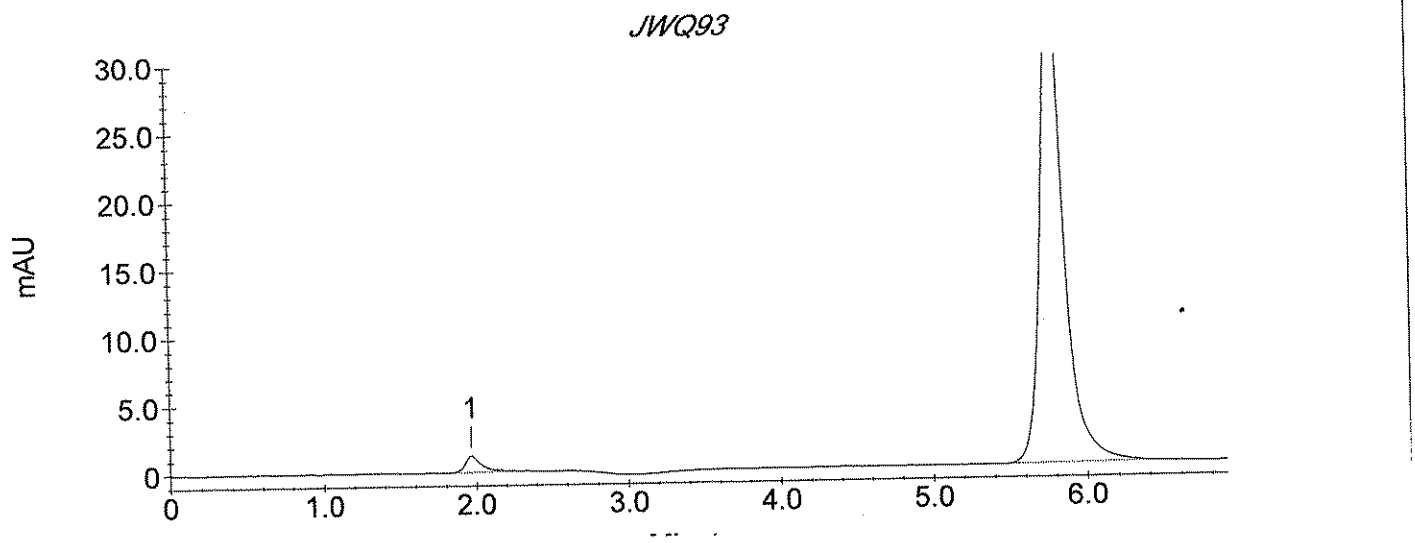
Sample Name : JWQ93
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_041.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 14:09:12
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 41
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9094	1193
2	CRVI	5.78	1127.58	376549	36010



STL Los Angeles Cr VI Sample Analysis Report

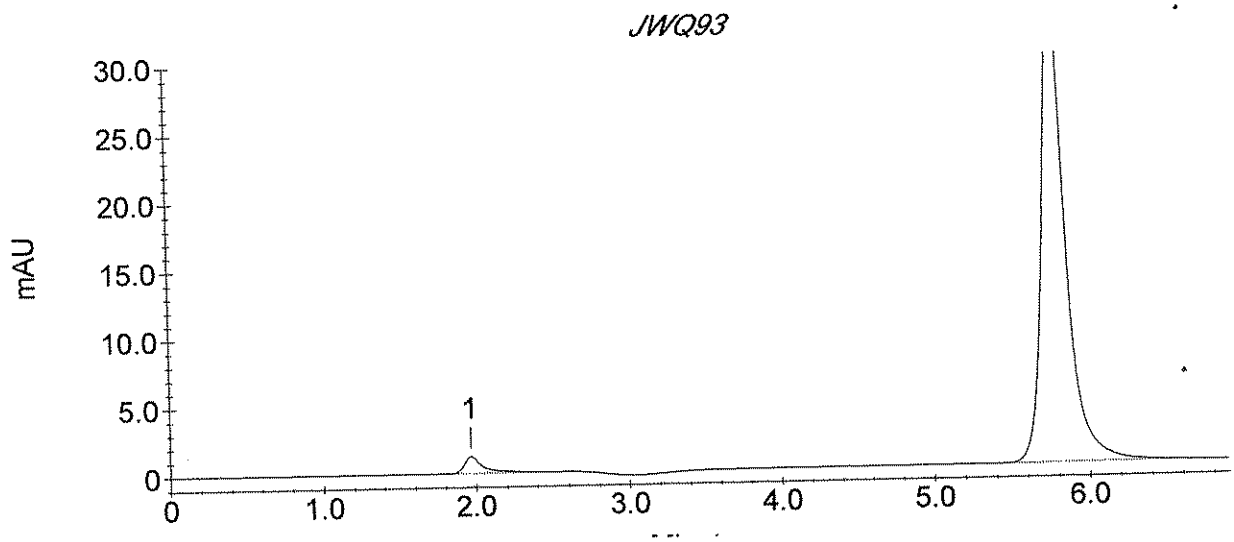
Sample Name : JWQ93
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_042.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 14:18:35
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 42
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	10847	1226
2	CRVI	5.78	1104.41	368804	35179



STL Los Angeles Cr VI Sample Analysis Report

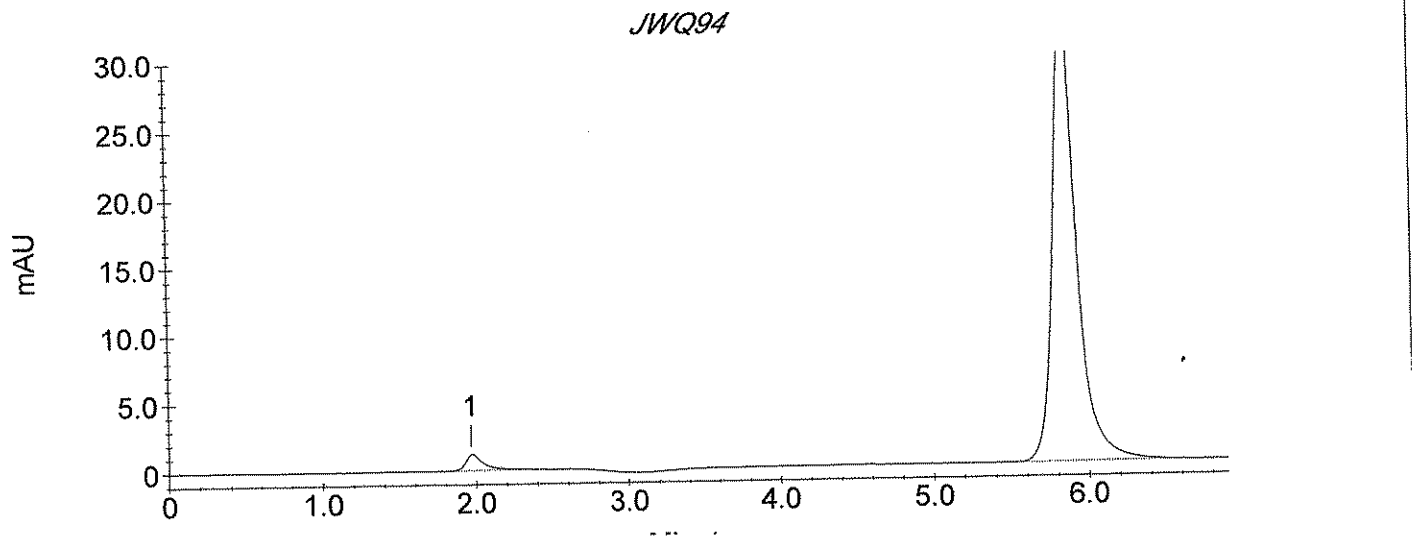
Sample Name : JWQ94
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_043.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 14:27:56
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 43
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9402	1151
2	CRVI	5.85	1063.59	355155	33632



STL Los Angeles Cr VI Sample Analysis Report

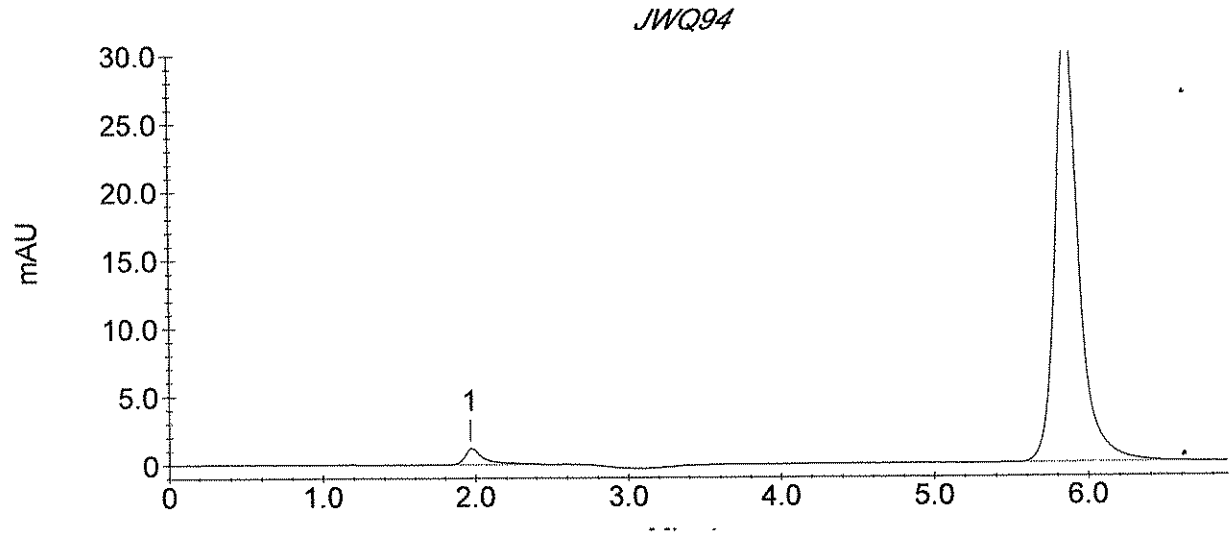
Sample Name : JWQ94
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_044.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 14:37:23
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 44
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	10463	1135
2	CRVI	5.85	1024.24	341999	31700



STL Los Angeles Cr VI Sample Analysis Report

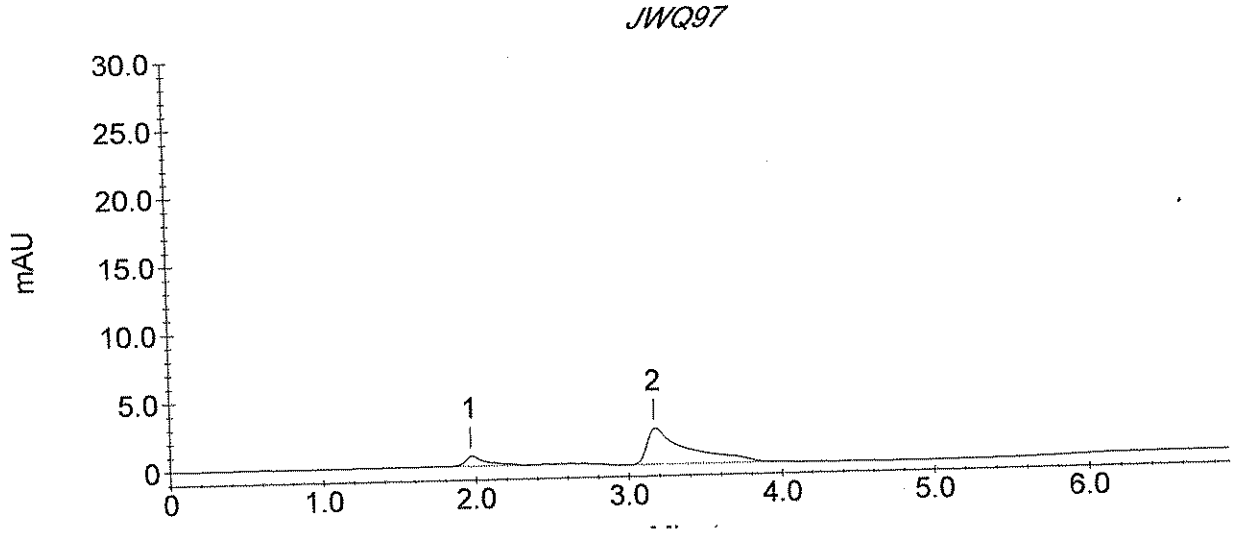
Sample Name : JWQ97
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_045.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 14:46:50
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 45
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	7439	716
2		3.17	0.00	48543	2606



STL Los Angeles Cr VI Sample Analysis Report

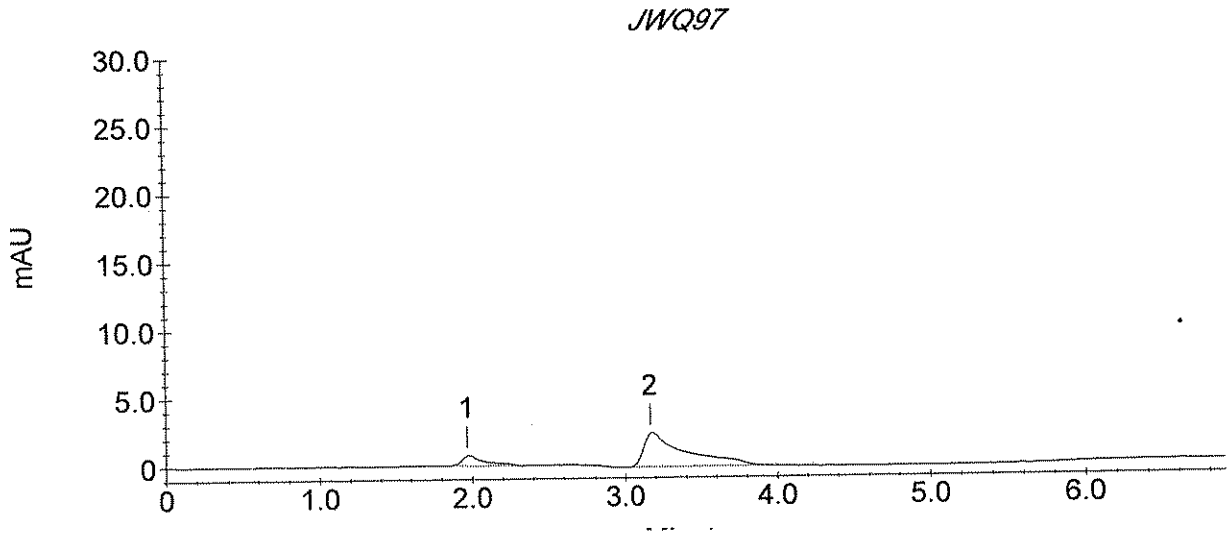
Sample Name : JWQ97
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_046.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 14:56:17
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 46
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	7567	716
2		3.17	0.00	46788	2442



STL Los Angeles Cr VI Sample Analysis Report

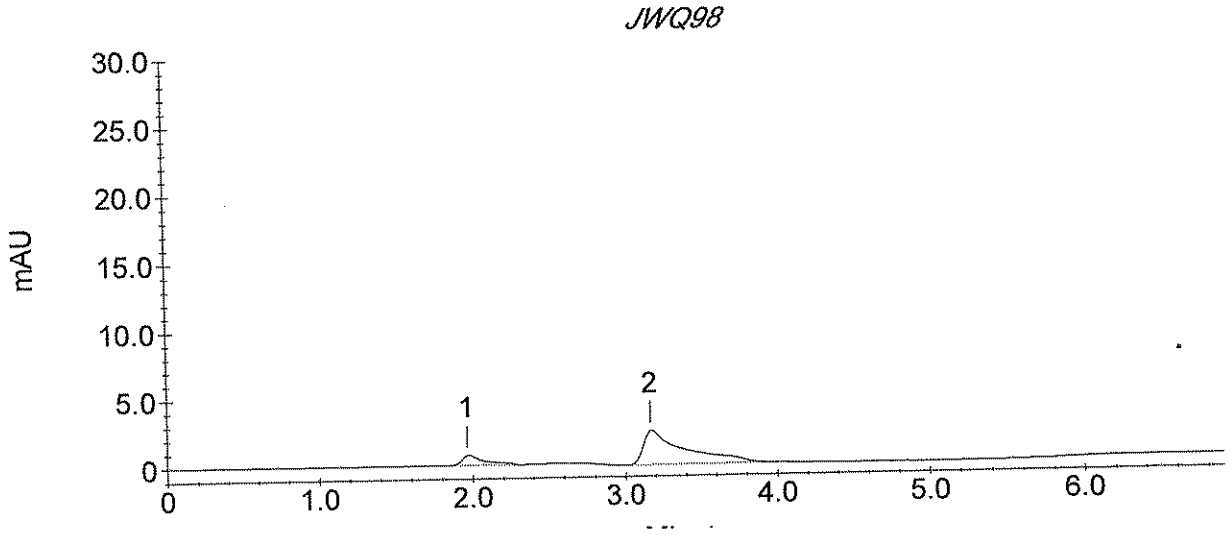
Sample Name : JWQ98
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_047.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 15:05:38
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 47
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	7491	722
2		3.17	0.00	47168	2477



STL Los Angeles Cr VI Sample Analysis Report

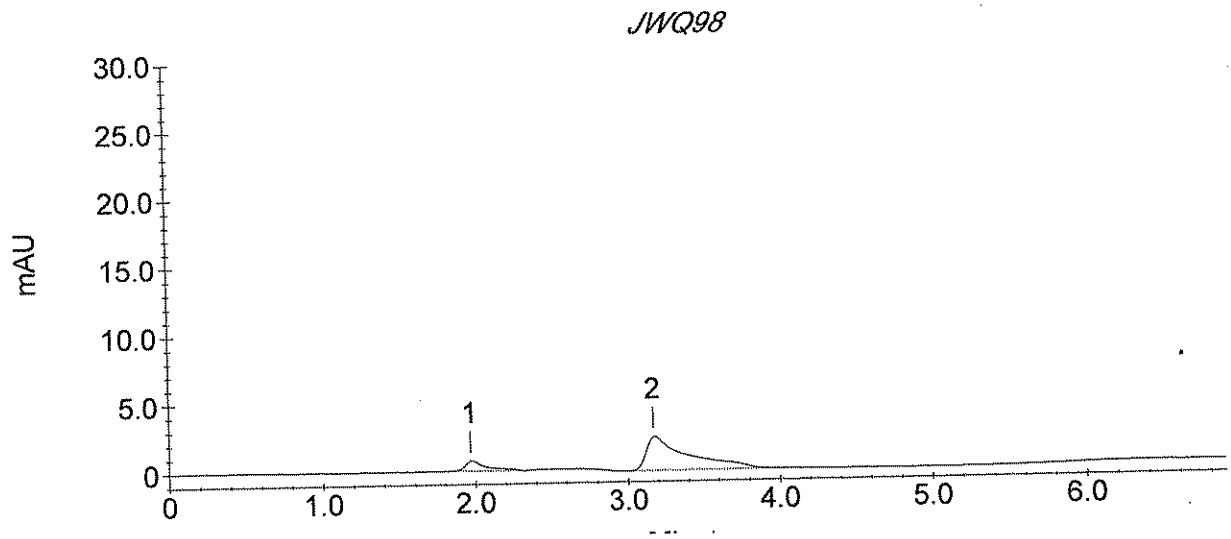
Sample Name : JWQ98
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_048.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 15:15:05
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 48
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	7298	716
2		3.17	0.00	47714	2446



STL Los Angeles Cr VI Sample Analysis Report

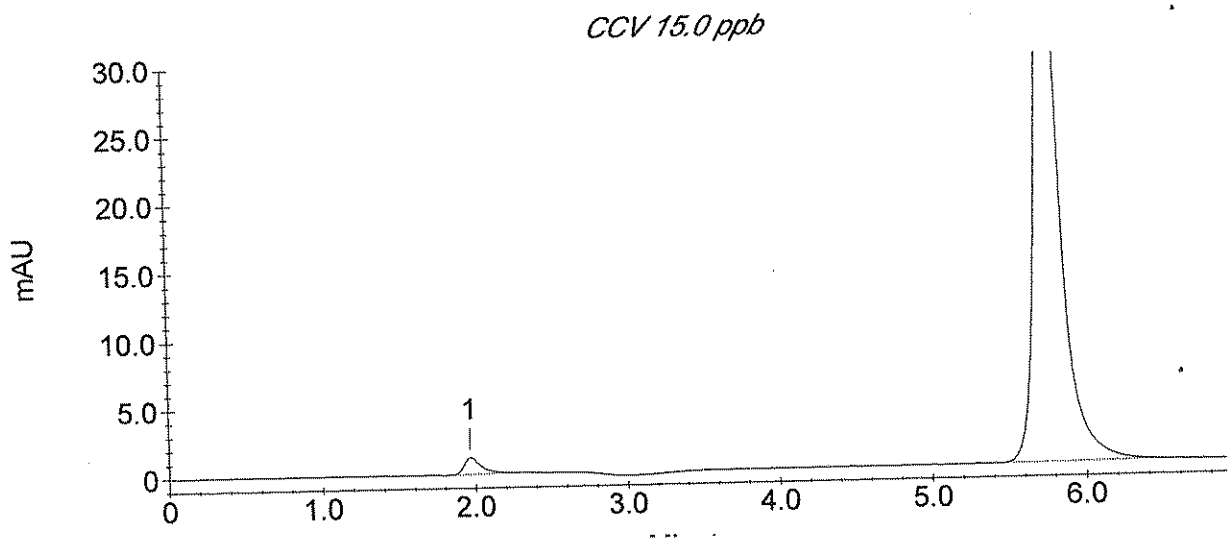
Sample Name : CCV 15.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_049.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 15:24:42
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 49
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9409	1217
2	CRVI	5.77	15.02	501602	47754



STL Los Angeles Cr VI Sample Analysis Report

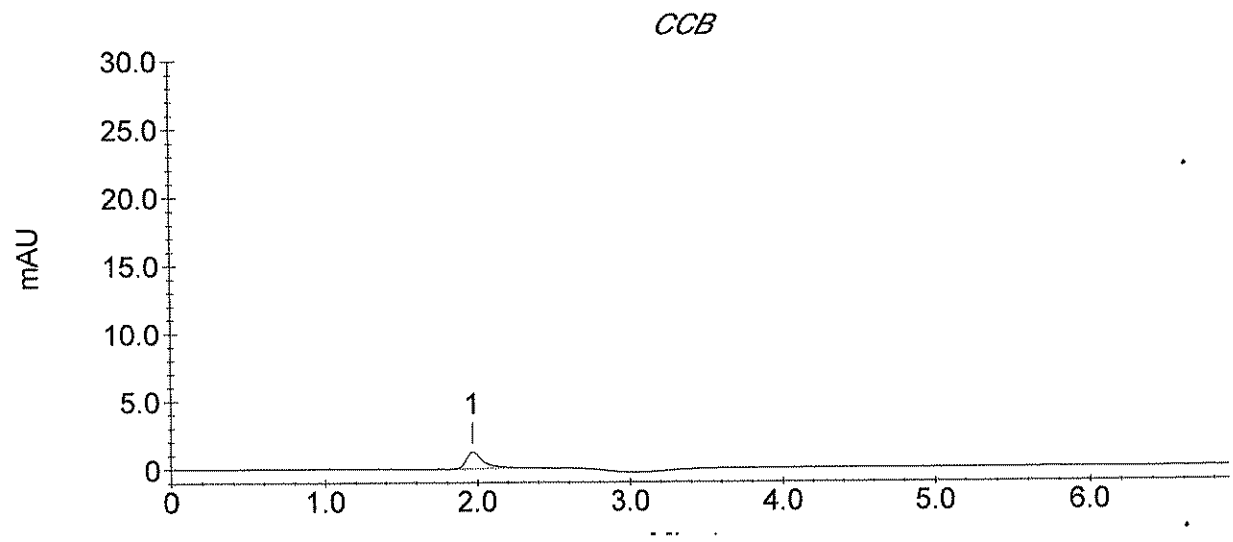
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_050.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 15:34:05
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 50
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9475	1219



STL Los Angeles Cr VI Sample Analysis Report

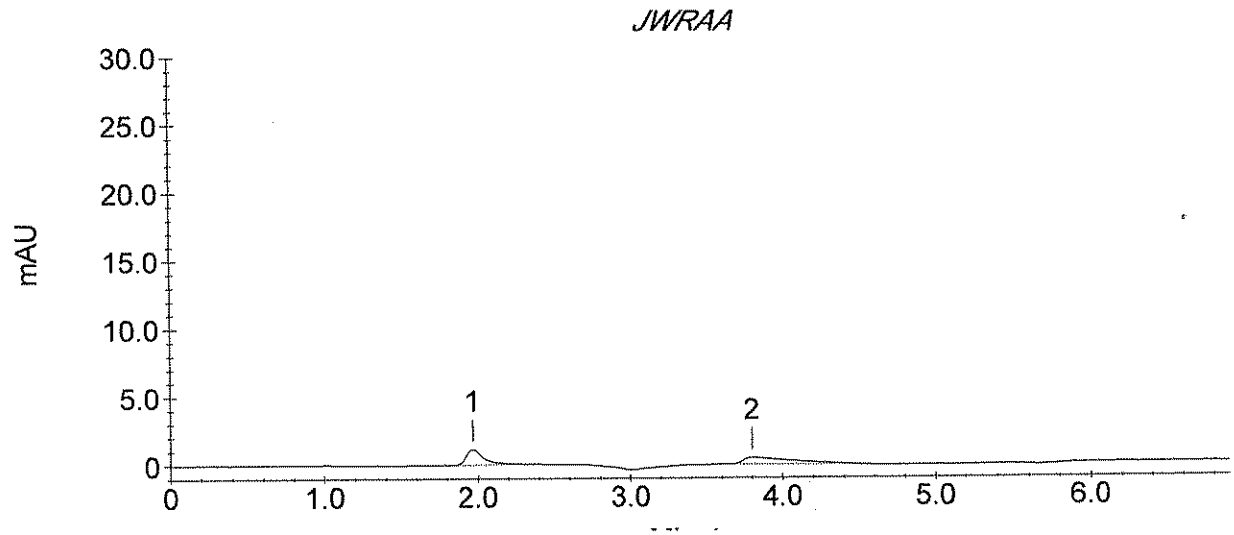
Sample Name : JWRAA
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_051.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 15:43:32
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 51
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8943	1134
2		3.80	0.00	11575	478



STL Los Angeles Cr VI Sample Analysis Report

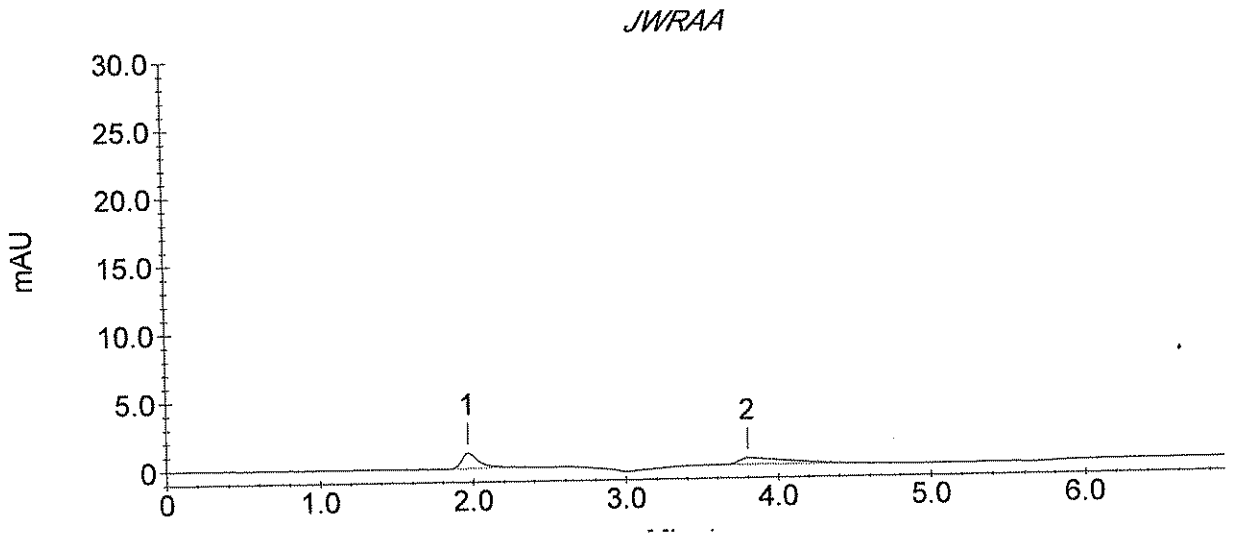
Sample Name : JWRAA
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_052.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 15:52:58
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 52
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8460	1123
2		3.80	0.00	11225	476



STL Los Angeles Cr VI Sample Analysis Report

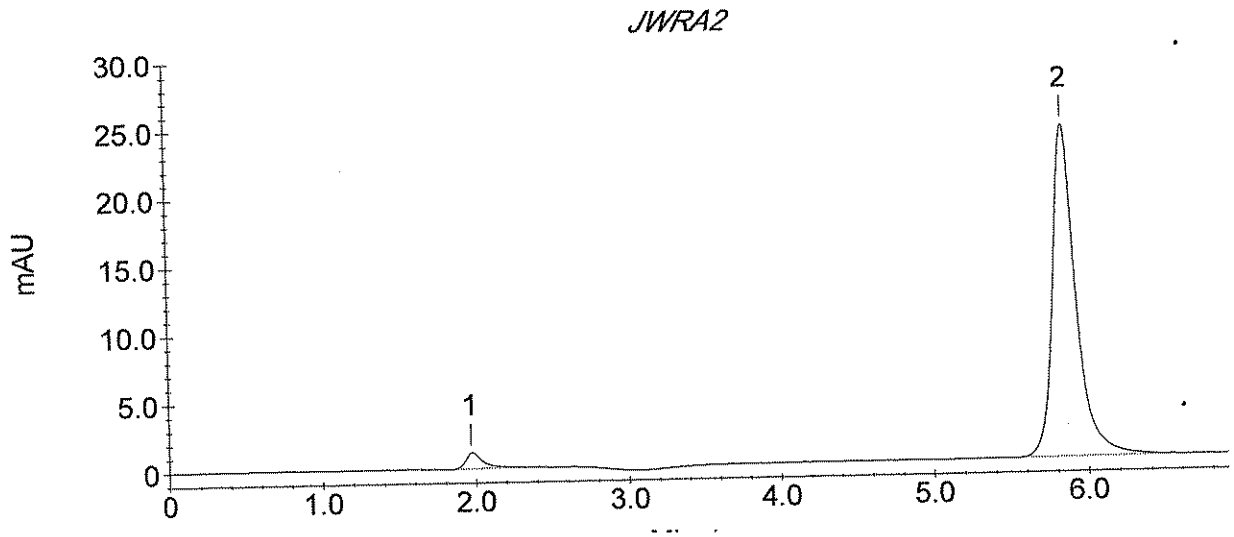
Sample Name : JWRA2
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_053.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 16:02:21
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 53
Dilution Factor : 200.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9186	1128
2	CRVI	5.85	1544.27	257706	24249



STL Los Angeles Cr VI Sample Analysis Report

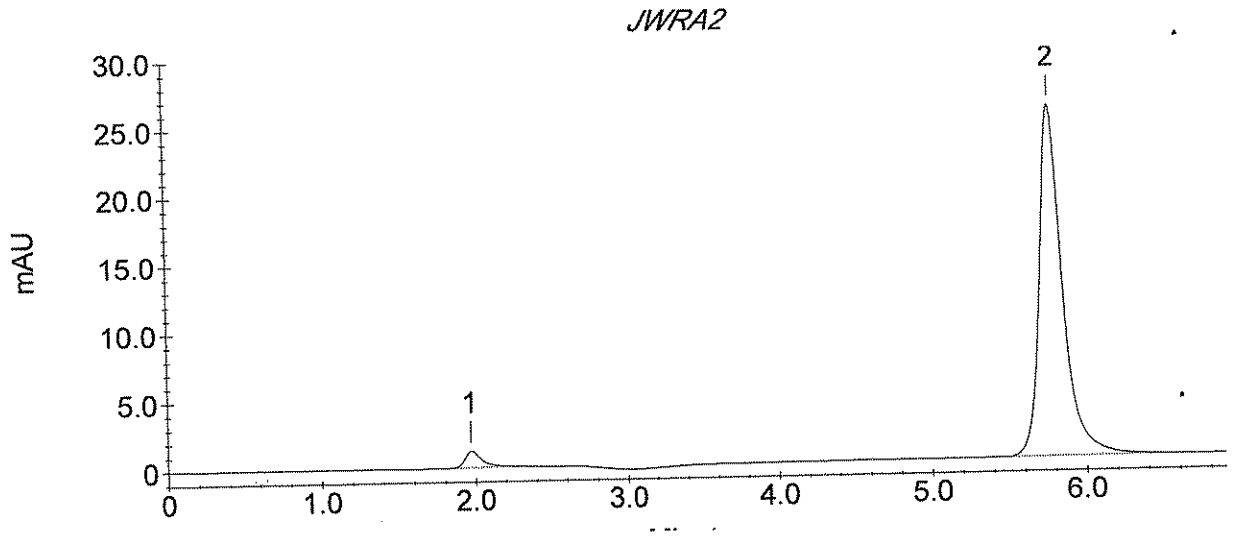
Sample Name : JWRA2
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_054.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 16:11:45
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 54
Dilution Factor : 200.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9308	1206
2	CRVI	5.78	1612.01	269032	25720



STL Los Angeles Cr VI Sample Analysis Report

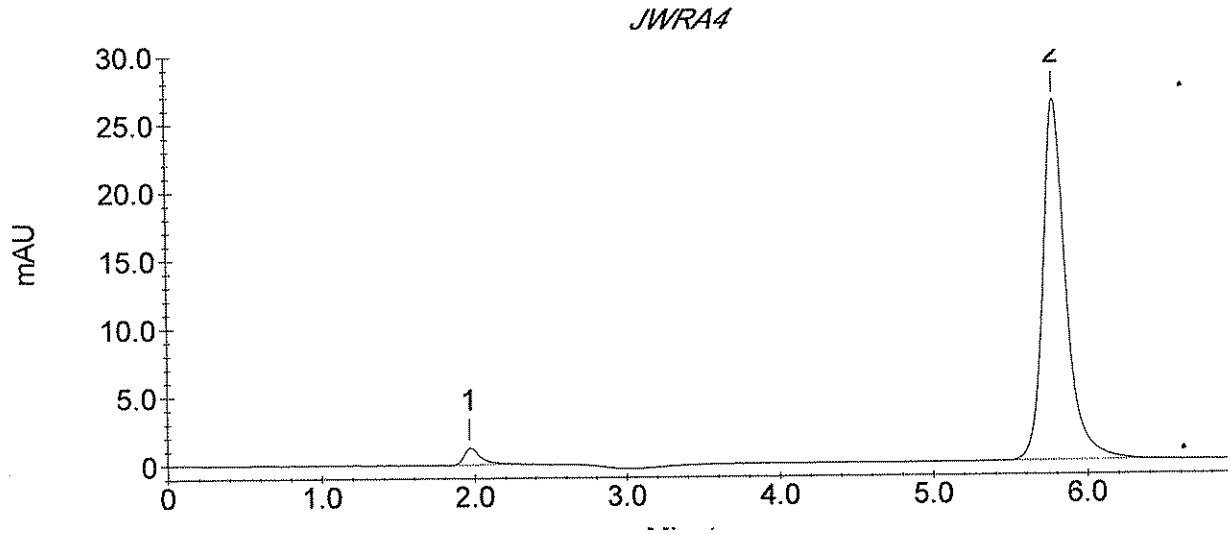
Sample Name : JWRA4
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_055.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 16:21:13
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 55
Dilution Factor : 200.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9516	1196
2	CRVI	5.78	1641.08	273891	26227



STL Los Angeles Cr VI Sample Analysis Report

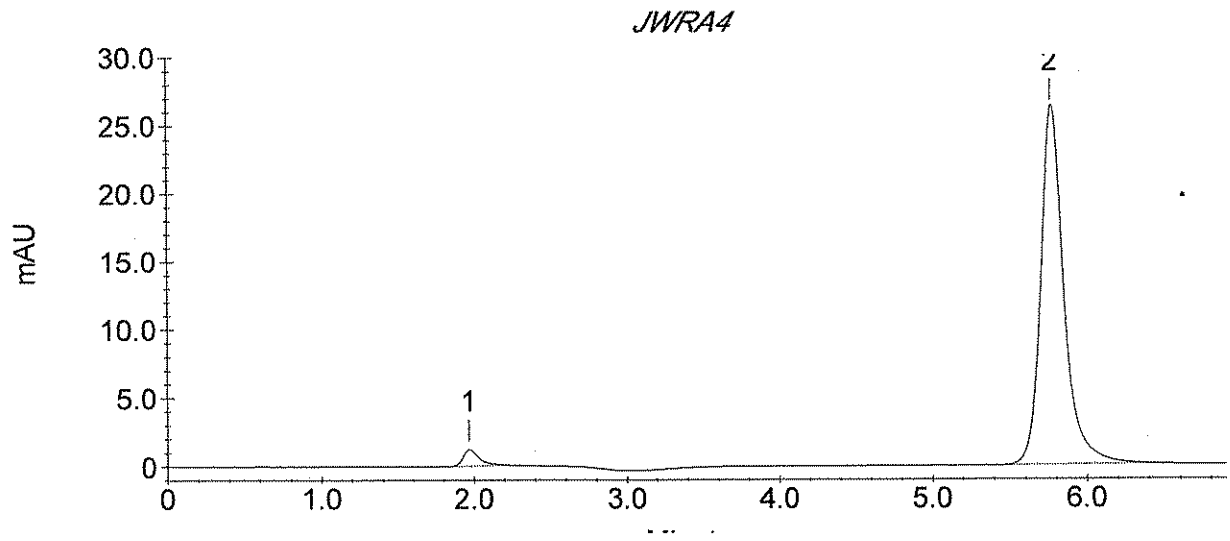
Sample Name : JWRA4
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_056.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 16:30:40
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 56
Dilution Factor : 200.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8995	1200
2	CRVI	5.77	1644.79	274511	26012



STL Los Angeles Cr VI Sample Analysis Report

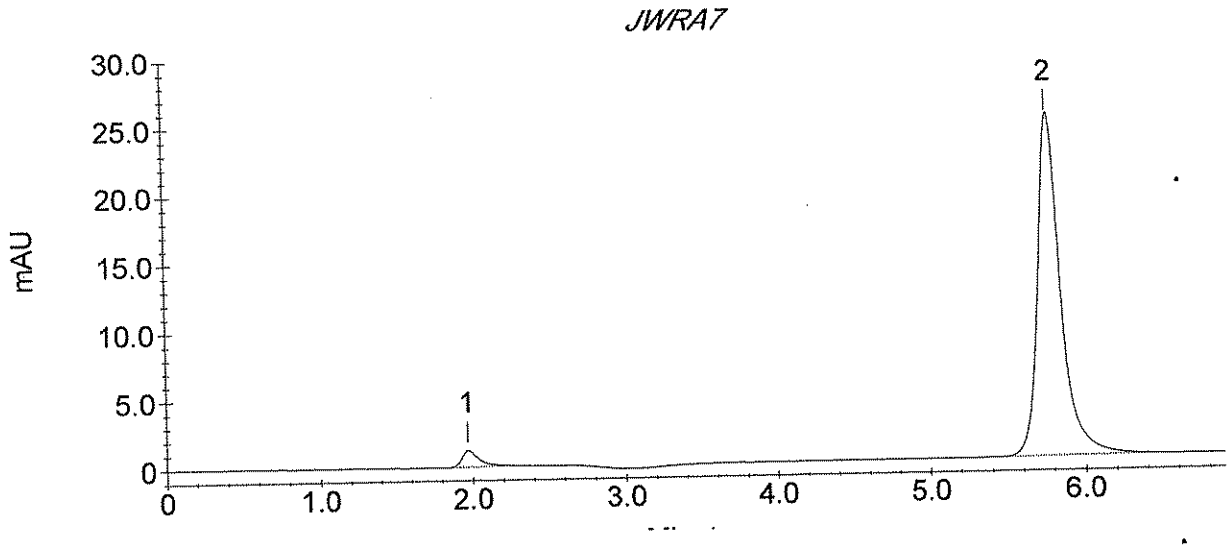
Sample Name : JWRA7
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_057.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 16:40:02
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 57
Dilution Factor : 200.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9321	1197
2	CRVI	5.77	1568.31	261726	24664



STL Los Angeles Cr VI Sample Analysis Report

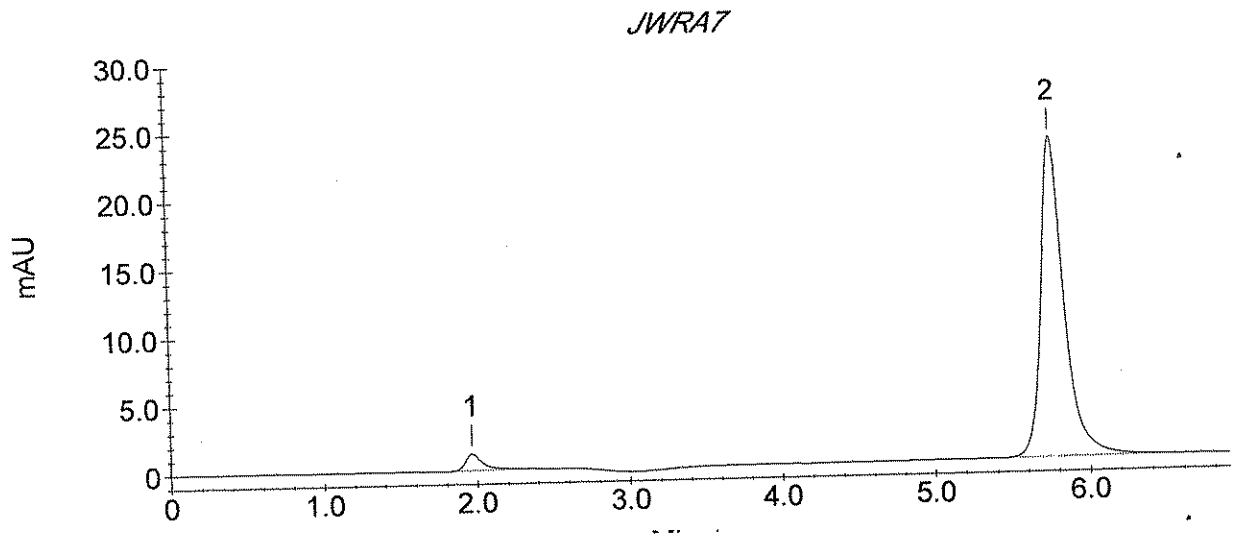
Sample Name : JWRA7
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_058.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 16:49:29
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 58
Dilution Factor : 200.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9506	1221
2	CRVI	5.77	1464.89	244436	23317



STL Los Angeles Cr VI Sample Analysis Report

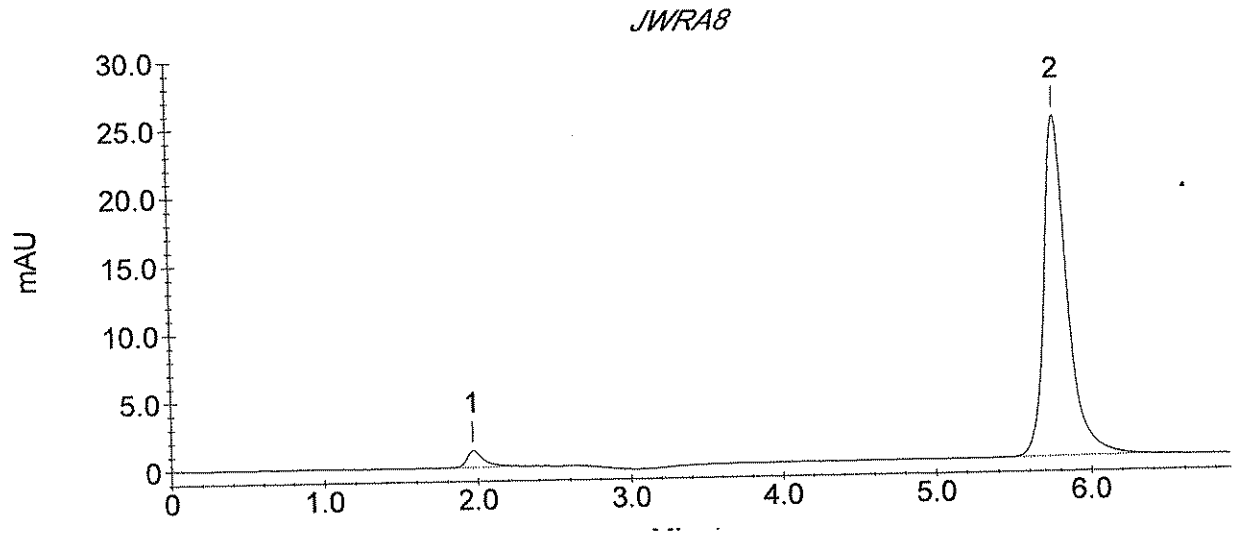
Sample Name : JWRA8
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_059.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 16:58:56
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 59
Dilution Factor : 200.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9619	1216
2	CRVI	5.78	1549.84	258637	24862



STL Los Angeles Cr VI Sample Analysis Report

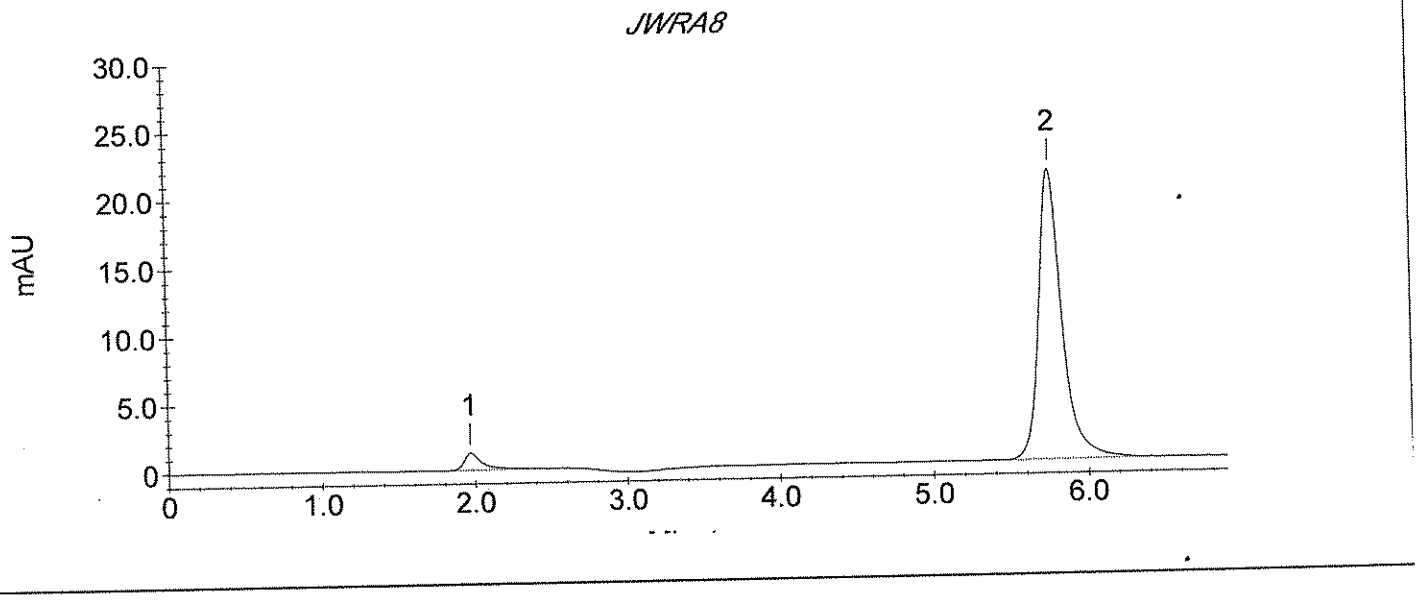
Sample Name : JWRA8
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_060.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 17:08:22
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 60
Dilution Factor : 200.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	10957	1242
2	CRVI	5.77	1321.54	220472	21260



STL Los Angeles Cr VI Sample Analysis Report

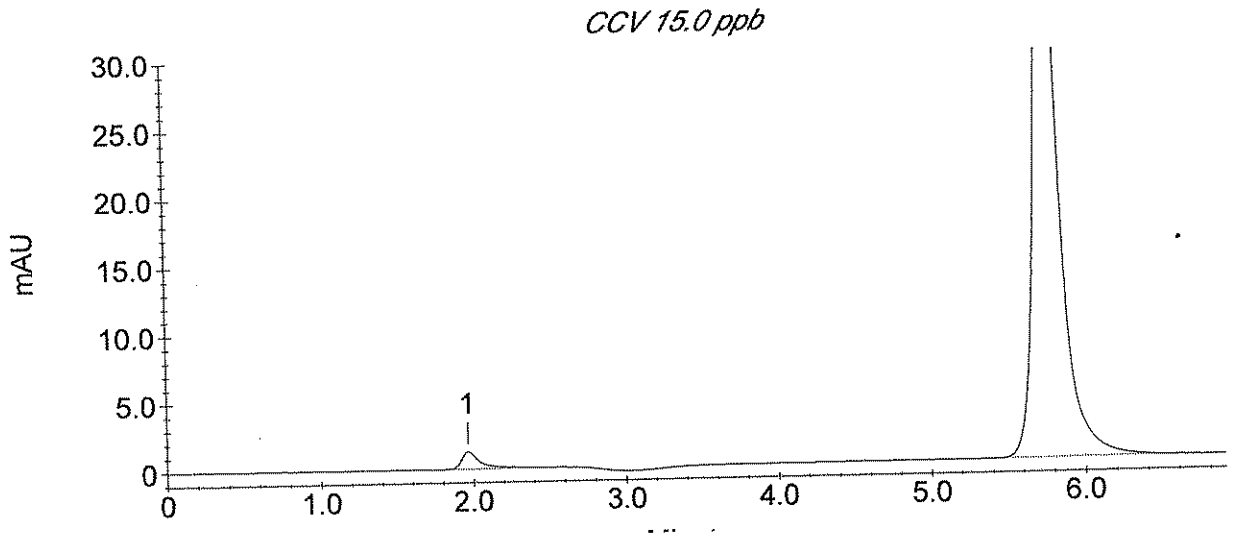
Sample Name : CCV 15.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_061.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 17:17:44
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 61
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	10745	1242
2	CRVI	5.77	15.03	502072	48277



STL Los Angeles Cr VI Sample Analysis Report

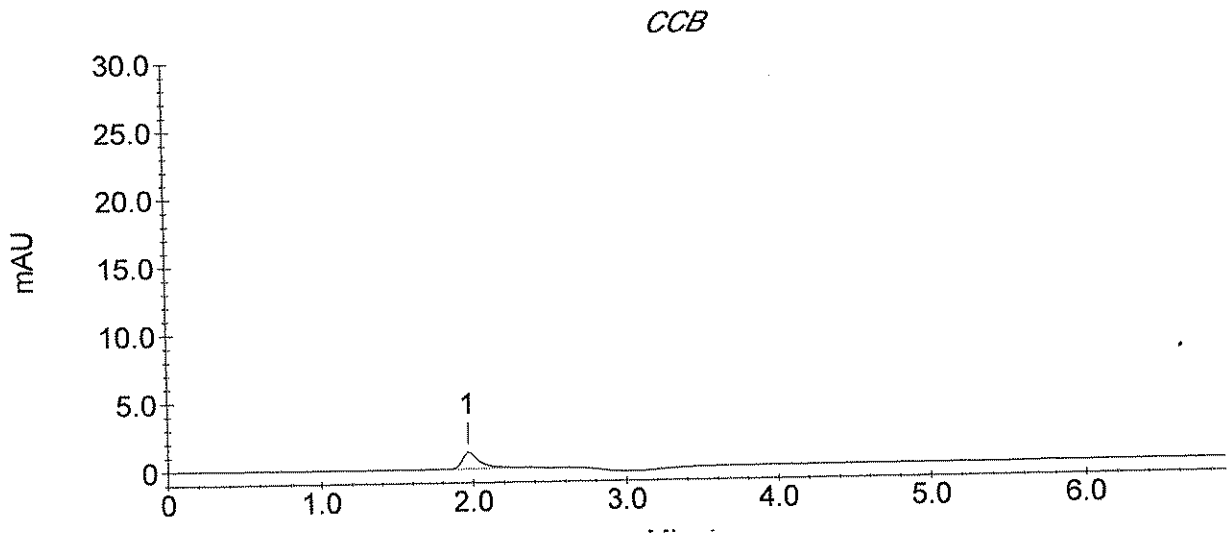
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_062.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 17:27:11
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 62
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9558	1208



STL Los Angeles Cr VI Sample Analysis Report

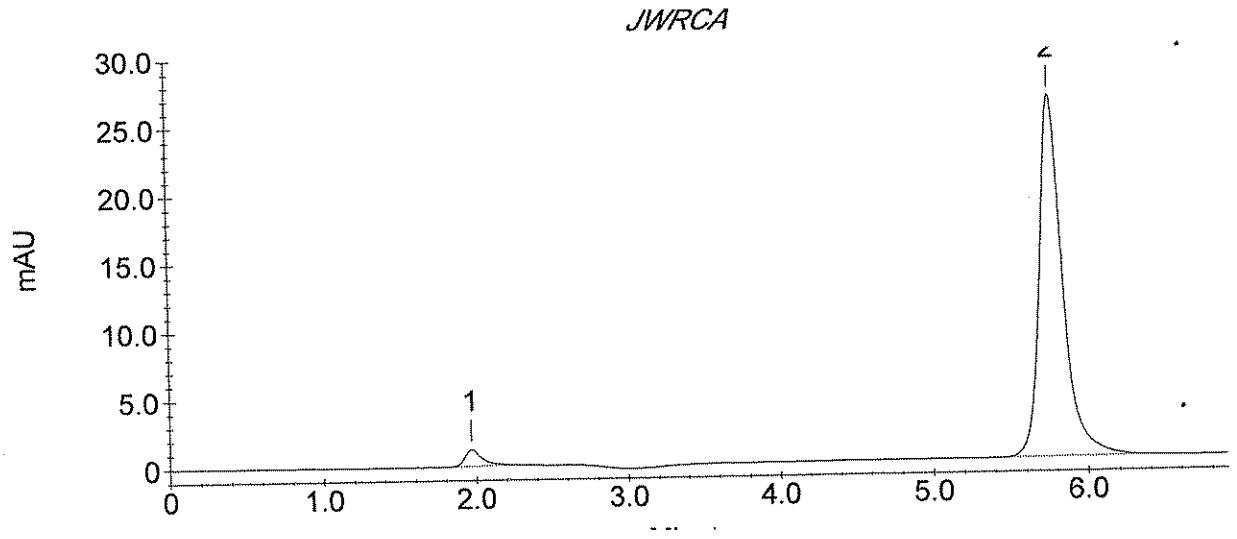
Sample Name : JWRCA
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_063.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 17:36:37
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 63
Dilution Factor : 200.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9380	1218
2	CRVI	5.77	1644.74	274503	26423



STL Los Angeles Cr VI Sample Analysis Report

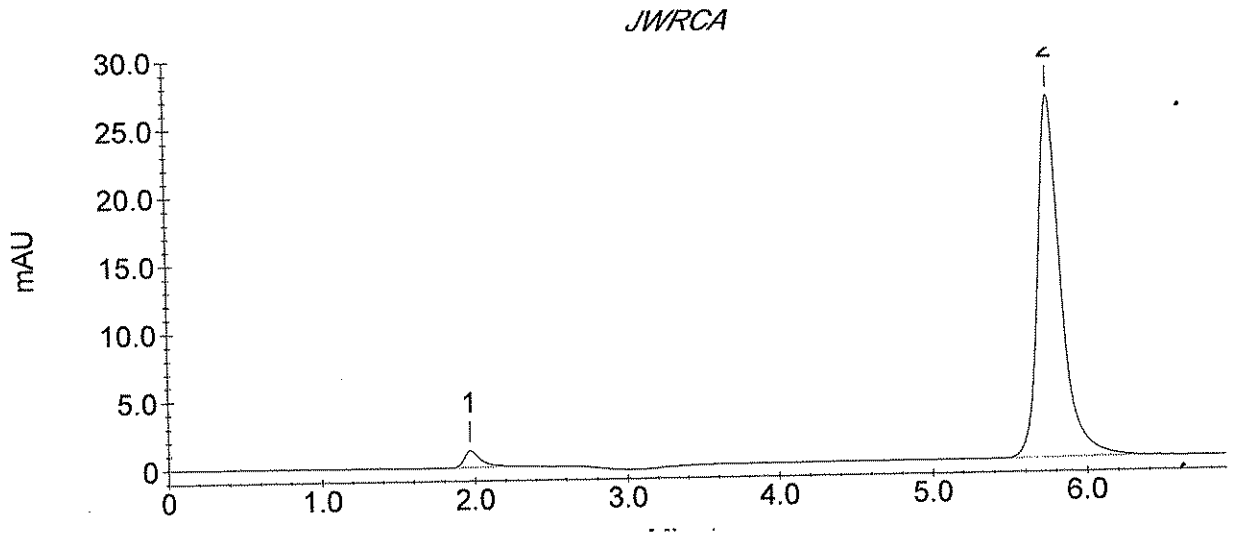
Sample Name : JWRCA
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_064.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 17:46:05
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 64
Dilution Factor : 200.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9190	1210
2	CRVI	5.77	1644.95	274538	26492



STL Los Angeles Cr VI Sample Analysis Report

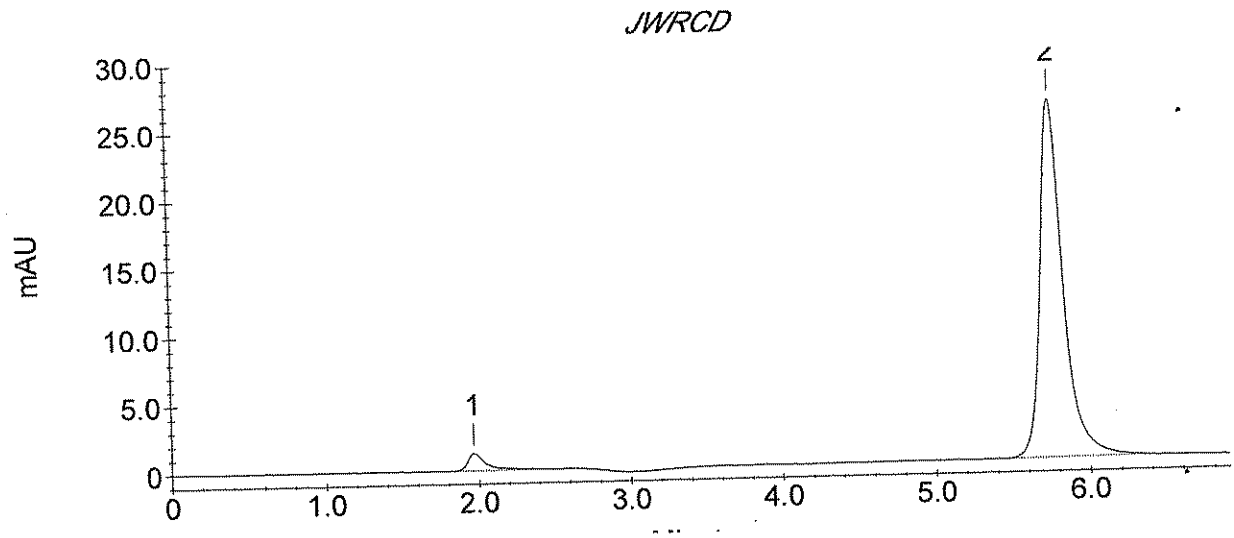
Sample Name : JWRCD
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_065.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 17:55:27
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 65
Dilution Factor : 200.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	11185	1253
2	CRVI	5.77	1625.21	271238	26238



STL Los Angeles Cr VI Sample Analysis Report

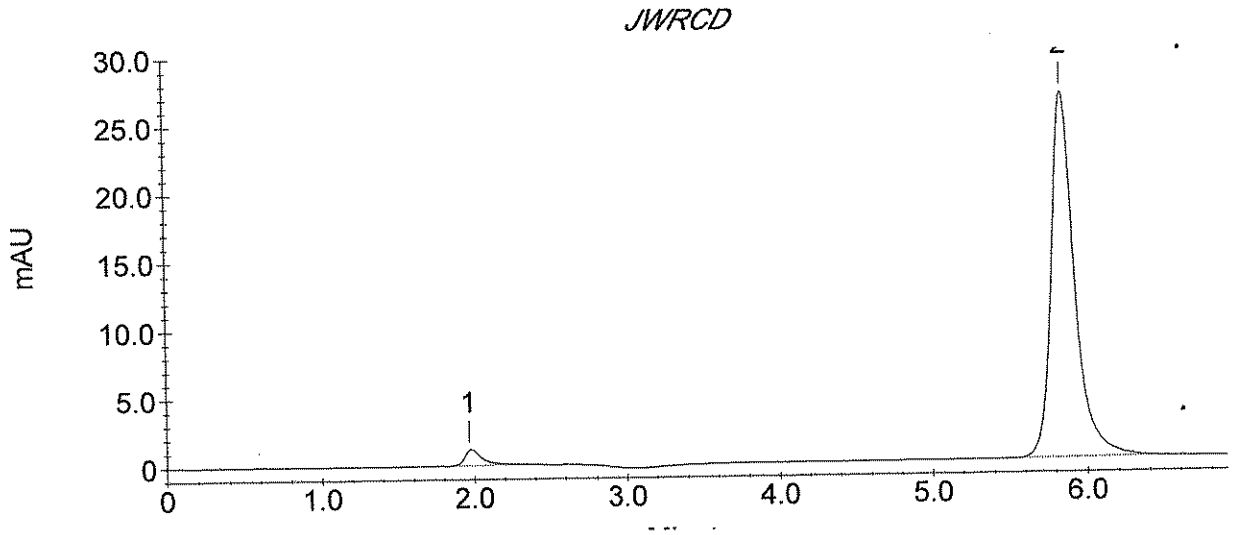
Sample Name : JWRCD
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_066.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 18:04:54
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 66
Dilution Factor : 200.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9520	1109
2	CRVI	5.85	1669.70	278675	26730



STL Los Angeles Cr VI Sample Analysis Report

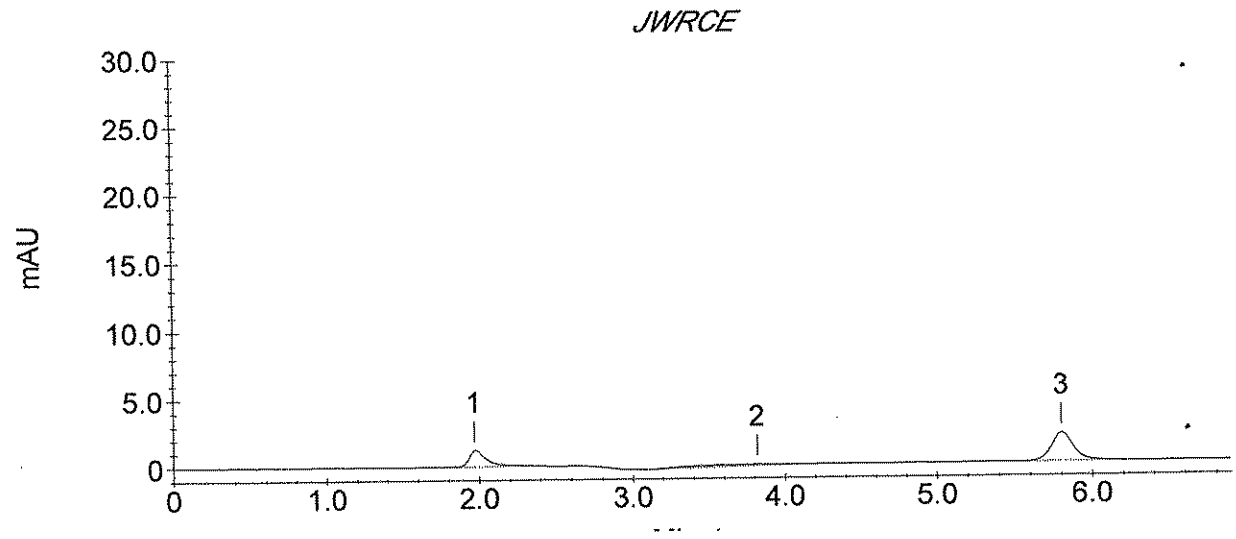
Sample Name : JWRCE
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_067.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 18:14:22
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 67
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9779	1181
2		3.82	0.00	5434	123
3	CRVI	5.80	0.64	21094	2087



STL Los Angeles Cr VI Sample Analysis Report

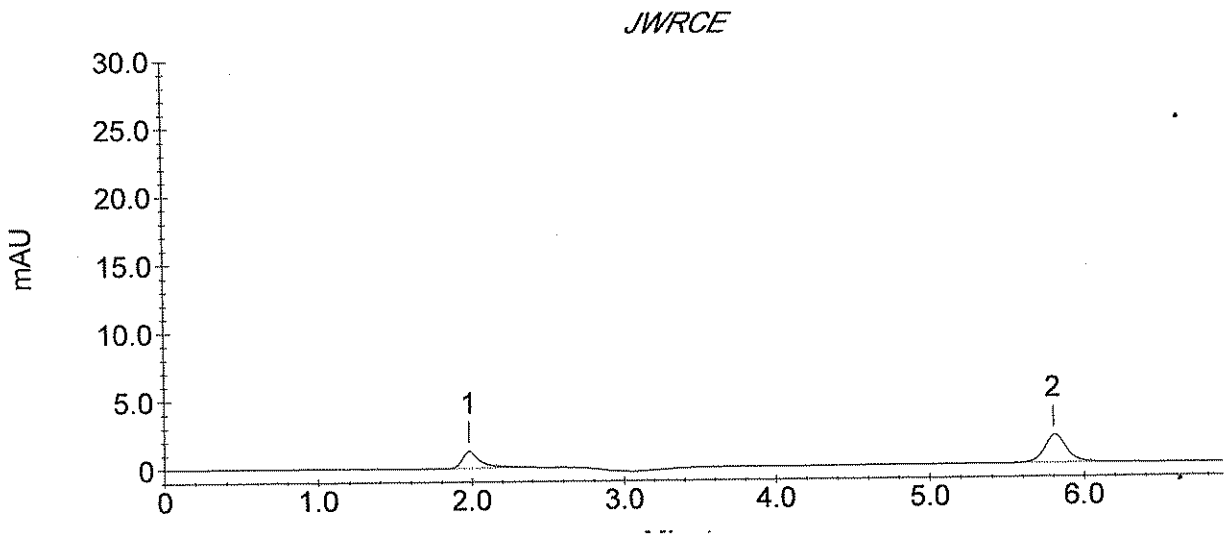
Sample Name : JWRCE
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_068.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 18:23:49
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 68
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	9900	1235
2	CRVI	5.80	0.62	20347	1997



STL Los Angeles Cr VI Sample Analysis Report

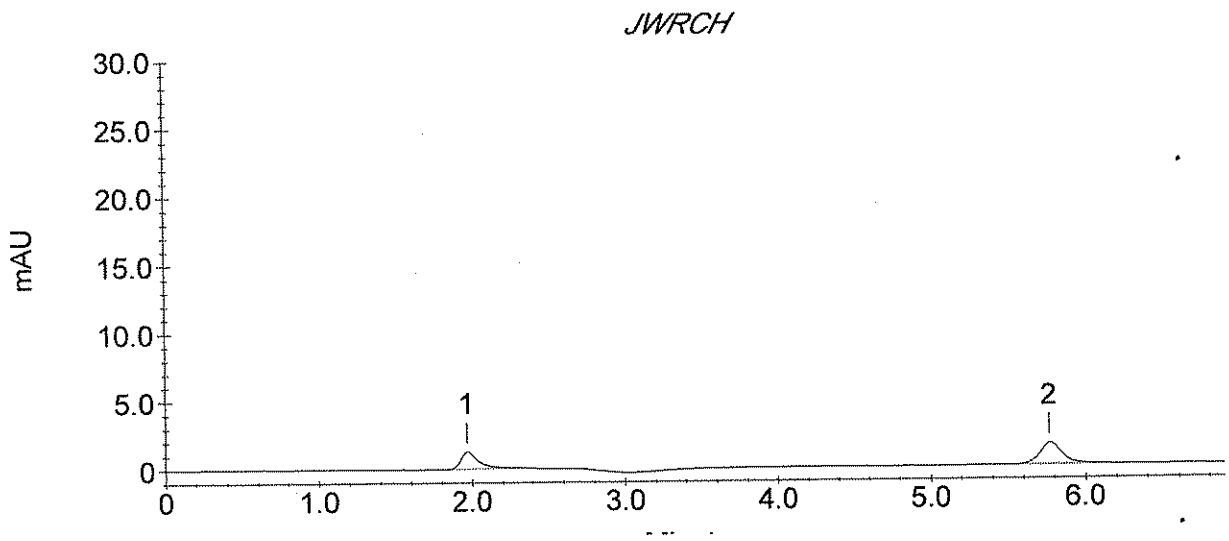
Sample Name : JWRCH
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_069.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 18:33:16
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 69
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9744	1233
2	CRVI	5.77	0.48	15636	1546



STL Los Angeles Cr VI Sample Analysis Report

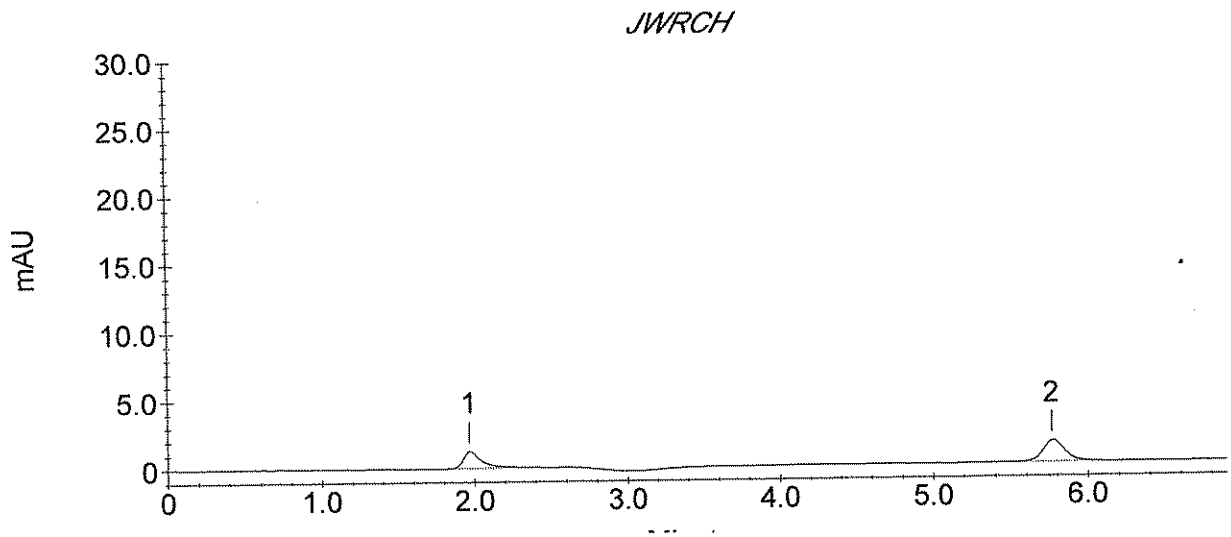
Sample Name : JWRCH
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_070.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 18:42:43
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 70
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	10239	1232
2	CRVI	5.77	0.47	15244	1529



STL Los Angeles Cr VI Sample Analysis Report

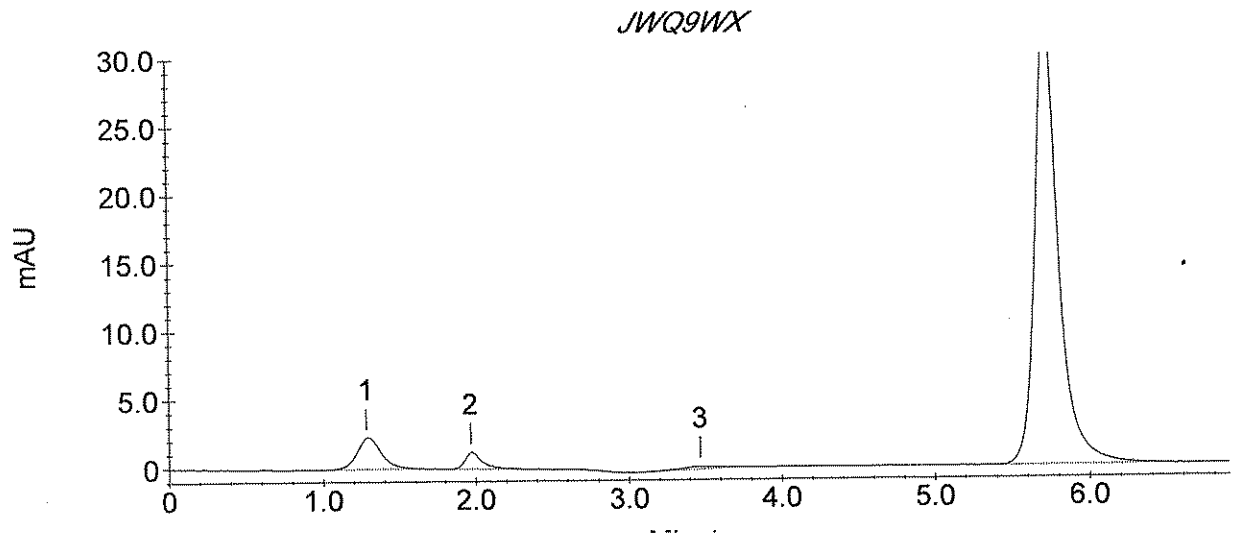
Sample Name : JWQ9WX
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_071.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 19:14:13
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 71
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.28	0.00	25208	2257
2		1.97	0.00	9540	1185
3		3.47	0.00	3318	189
4	CRVI	5.73	1033.78	345188	33023



STL Los Angeles Cr VI Sample Analysis Report

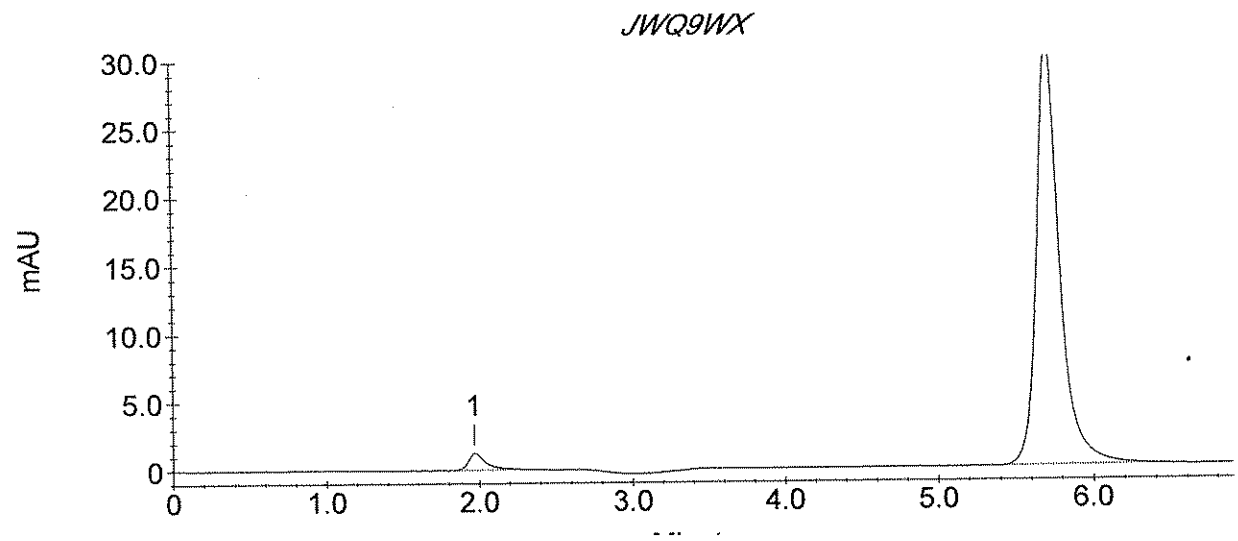
Sample Name : JWQ9WX
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_072.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 19:23:39
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 72
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9692	1210
2	CRVI	5.72	965.91	322497	31107



STL Los Angeles Cr VI Sample Analysis Report

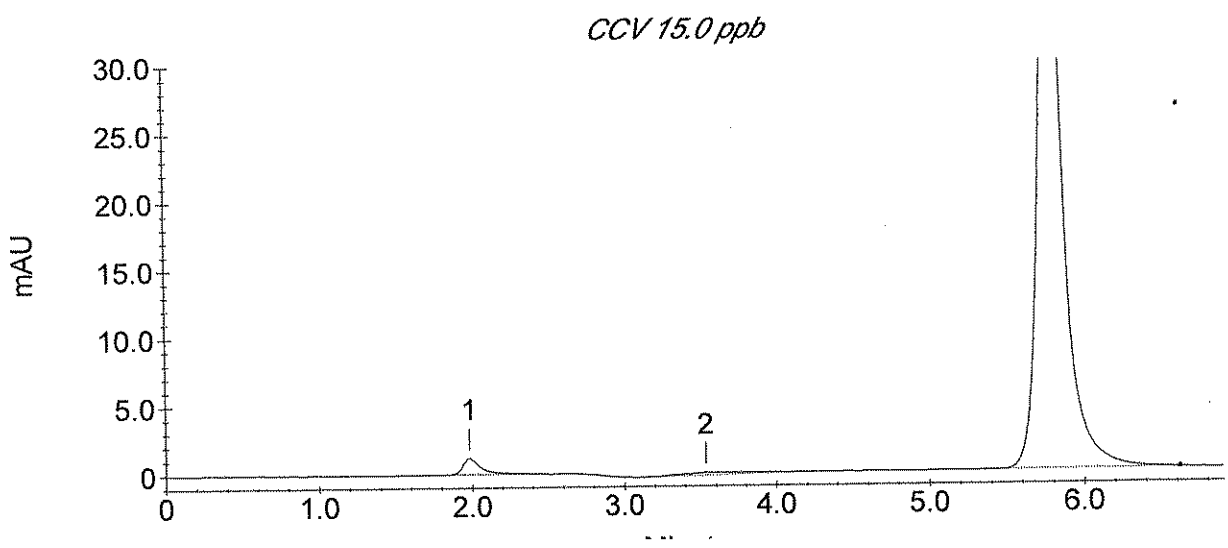
Sample Name : CCV 15.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_073.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 19:33:06
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 73
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	10668	1186
2		3.53	0.00	6850	211
3	CRVI	5.78	15.21	508026	47832



STL Los Angeles Cr VI Sample Analysis Report

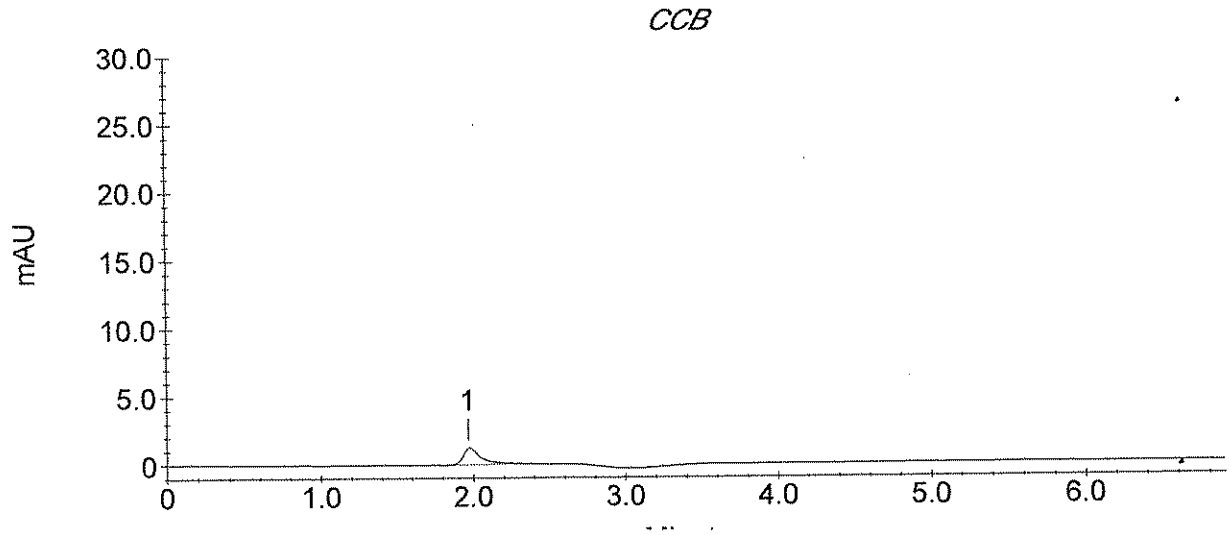
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_074.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 19:42:30
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 74
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	10156	1194



STL Los Angeles Cr VI Sample Analysis Report

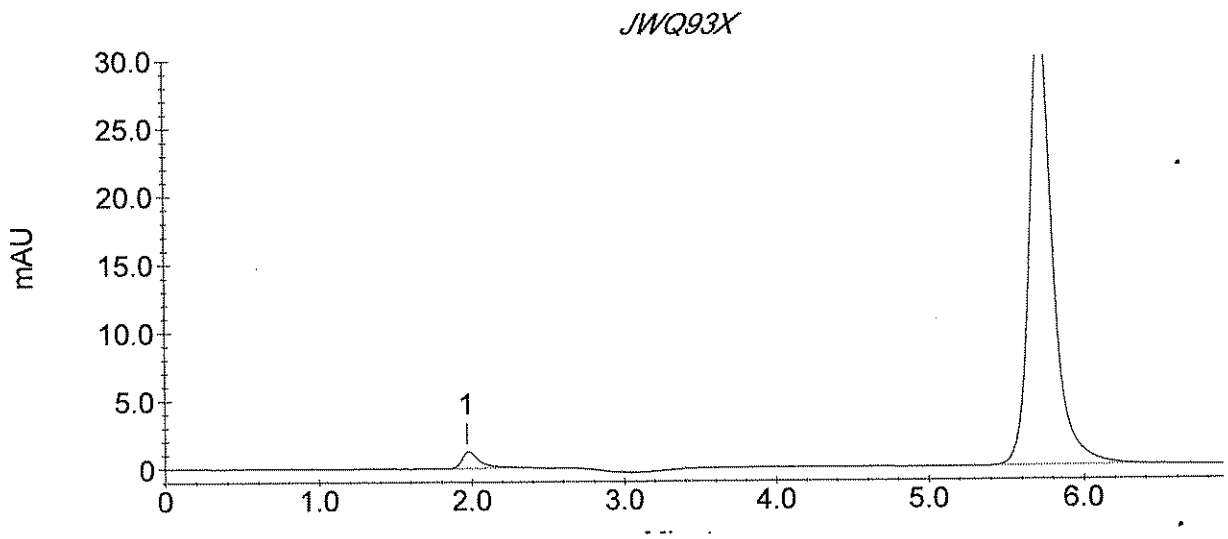
Sample Name : JWQ93X
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_075.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 19:51:57
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 75
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9992	1179
2	CRVI	5.72	1031.78	344518	32598



STL Los Angeles Cr VI Sample Analysis Report

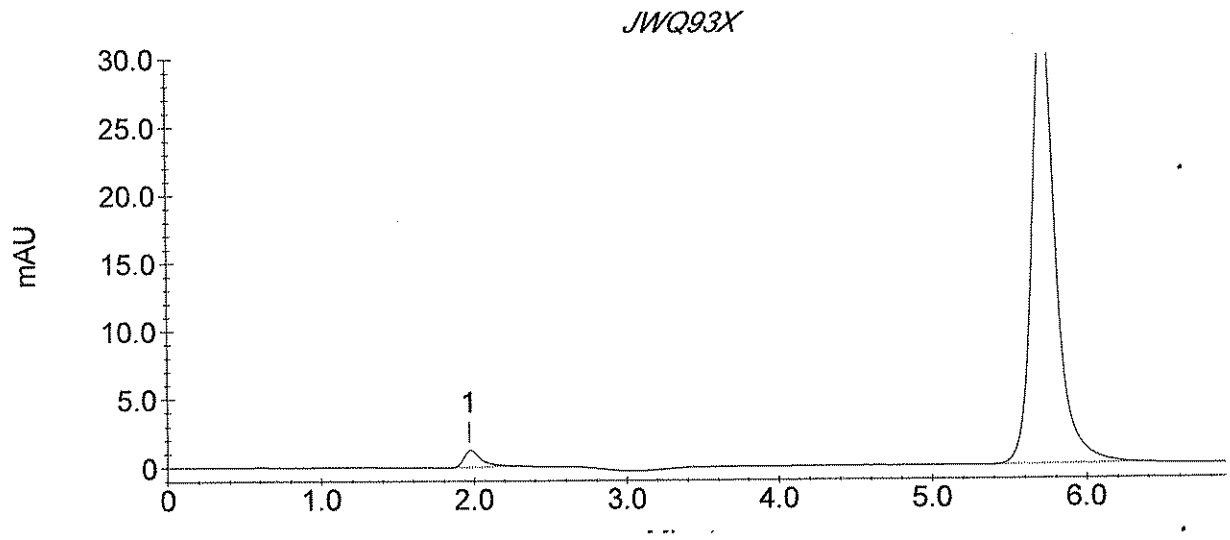
Sample Name : JWQ93X
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_076.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 20:01:22
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 76
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9676	1187
2	CRVI	5.72	1062.50	354792	33913



STL Los Angeles Cr VI Sample Analysis Report

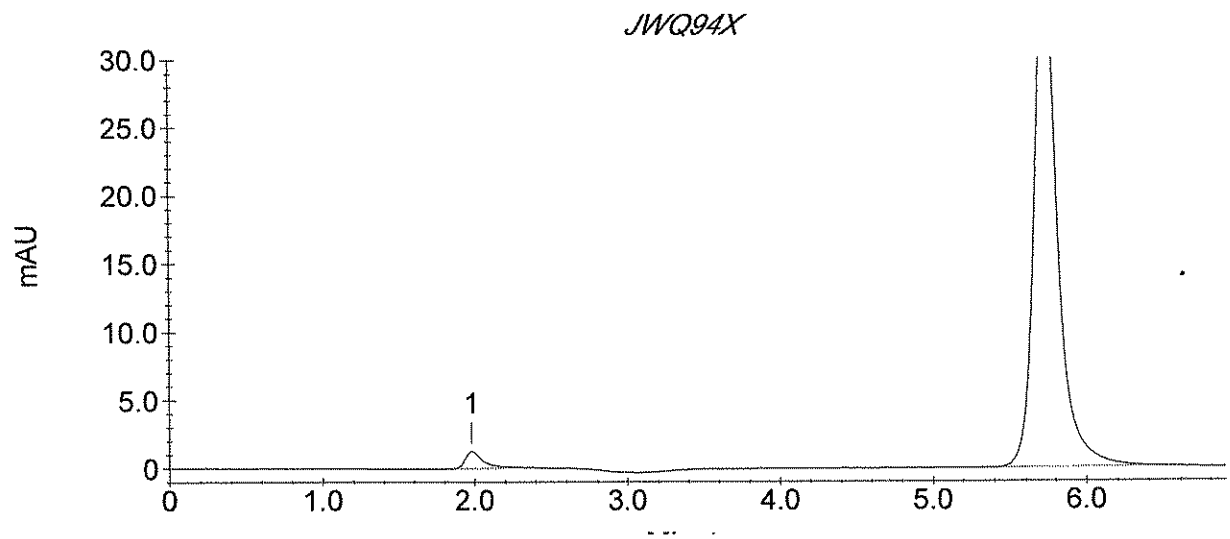
Sample Name : JWQ94X
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_077.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 20:10:49
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 77
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	10153	1241
2	CRVI	5.73	1201.04	401112	38638



STL Los Angeles Cr VI Sample Analysis Report

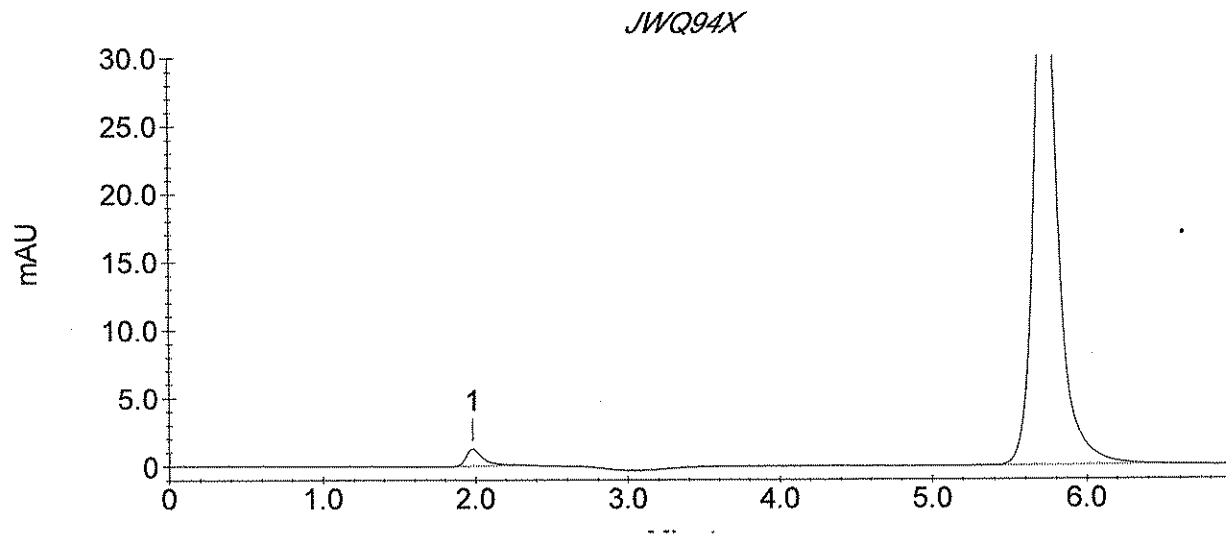
Sample Name : JWQ94X
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_078.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 20:20:14
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 78
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	9918	1249
2	CRVI	5.73	1269.61	424038	40737



STL Los Angeles Cr VI Sample Analysis Report

Sample Name : JWQ9WS
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_079.DXD

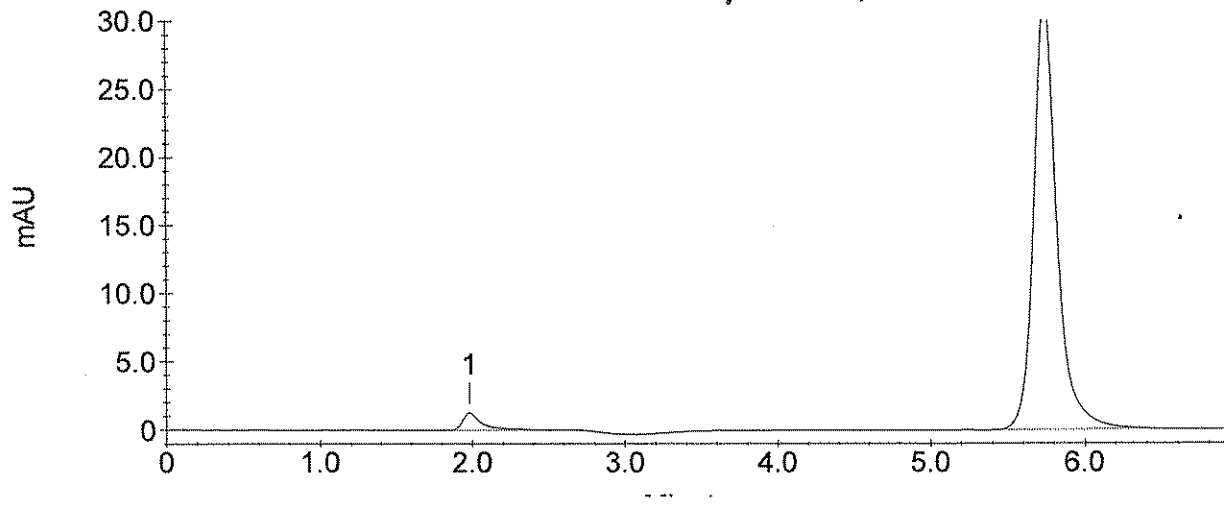
Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 20:29:41
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 79
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	11497	1270
2	CRVI	5.73	985.19	328941	31064

JWQ9WSX x 5/14/7



STL Los Angeles Cr VI Sample Analysis Report

Sample Name : JWQ9WS
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_080.DXD

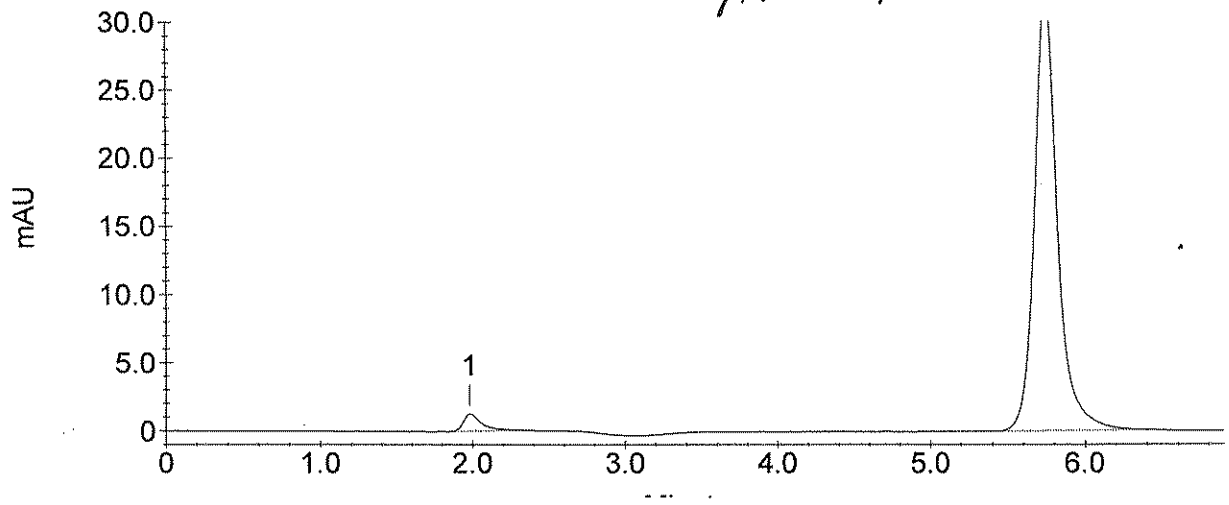
Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 20:39:06
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 80
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	10507	1268
2	CRVI	5.73	993.46	331706	31436

JWQ9WS X 5/14/07



STL Los Angeles Cr VI Sample Analysis Report

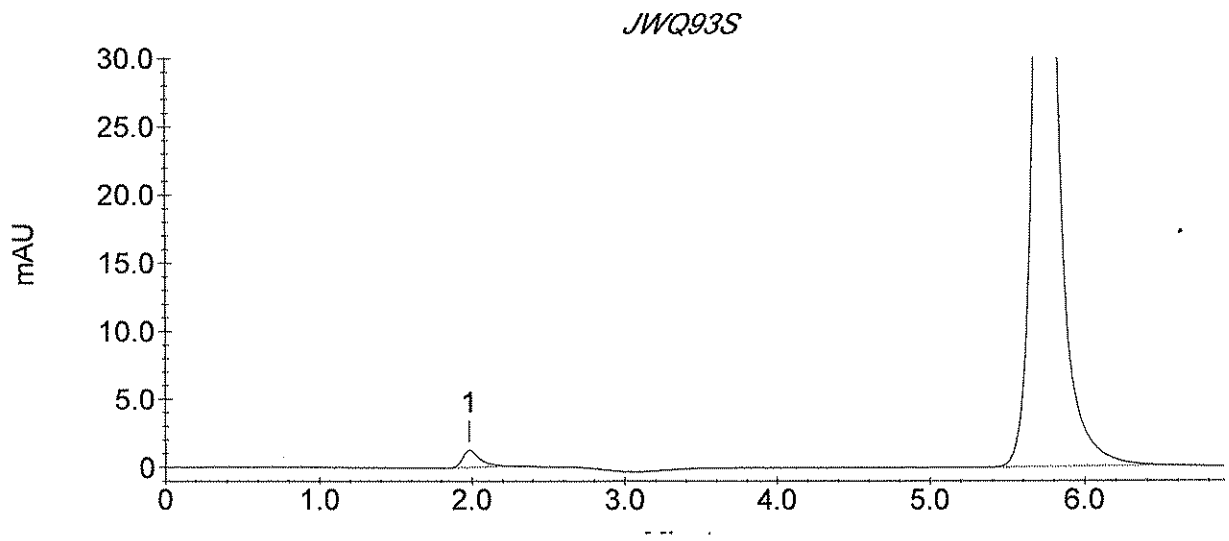
Sample Name : JWQ93S
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_081.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 20:48:32
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 81
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	9721	1246
2	CRVI	5.73	2019.62	674805	62929



STL Los Angeles Cr VI Sample Analysis Report

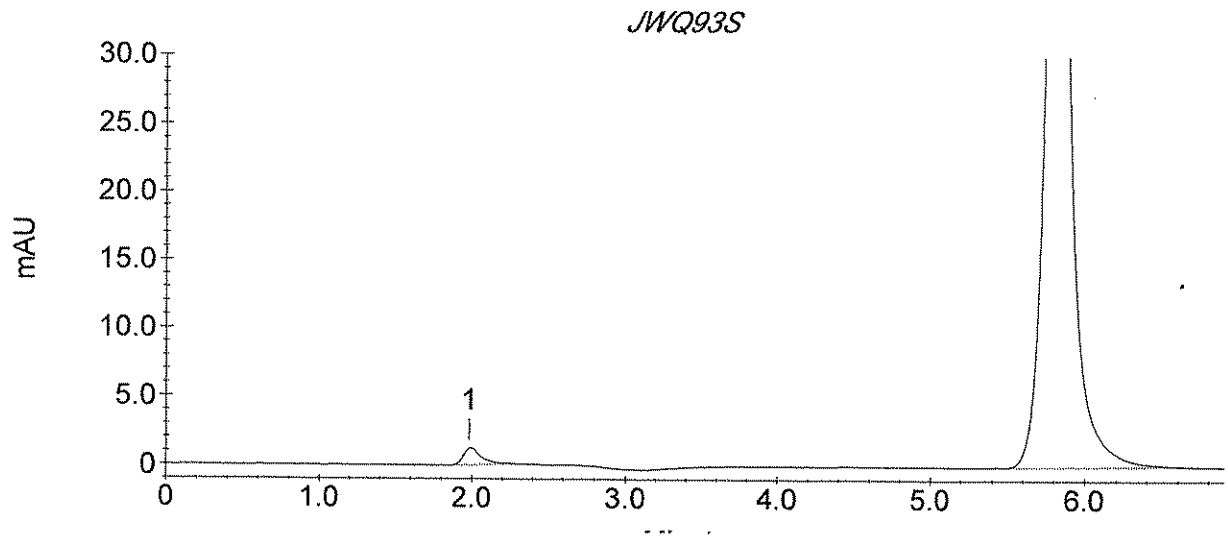
Sample Name : JWQ93S
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_082.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 20:57:58
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 82
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	10223	1199
2	CRVI	5.80	2022.94	675917	62567



STL Los Angeles Cr VI Sample Analysis Report

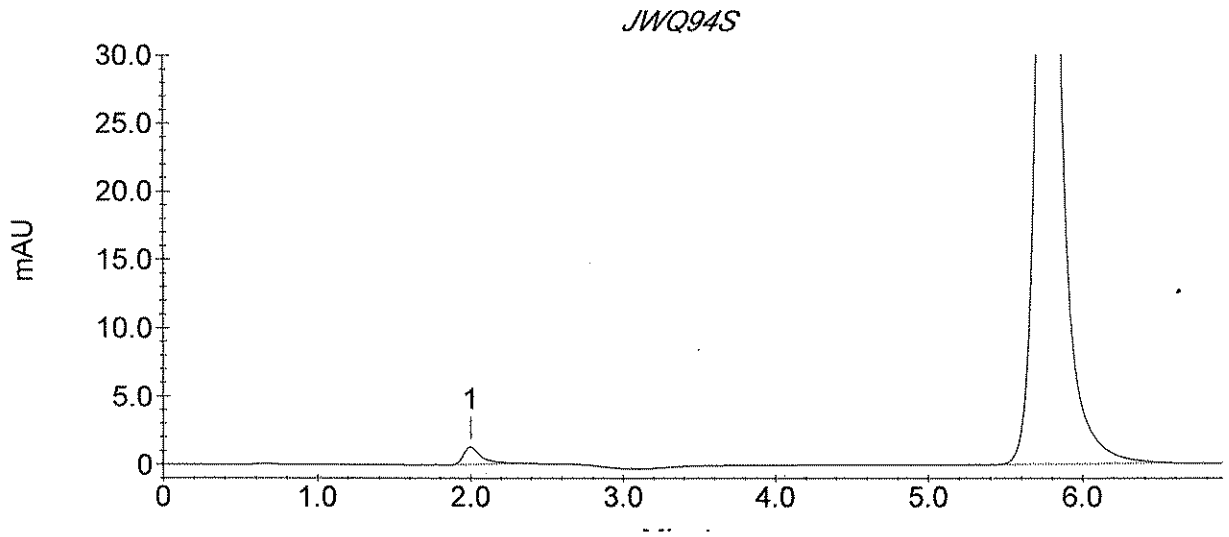
Sample Name : JWQ94S
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_083.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 21:07:25
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 83
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	10397	1279
2	CRVI	5.77	2171.53	725597	68073



STL Los Angeles Cr VI Sample Analysis Report

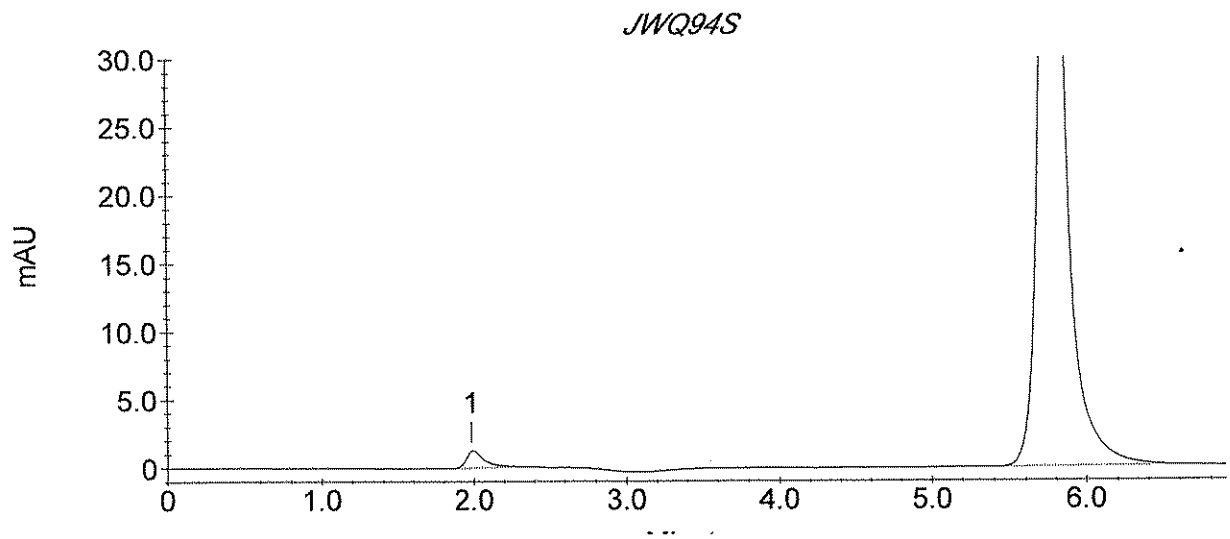
Sample Name : JWQ94S
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_084.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 21:16:50
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 84
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	10522	1224
2	CRVI	5.77	2178.05	727777	67676



STL Los Angeles Cr VI Sample Analysis Report

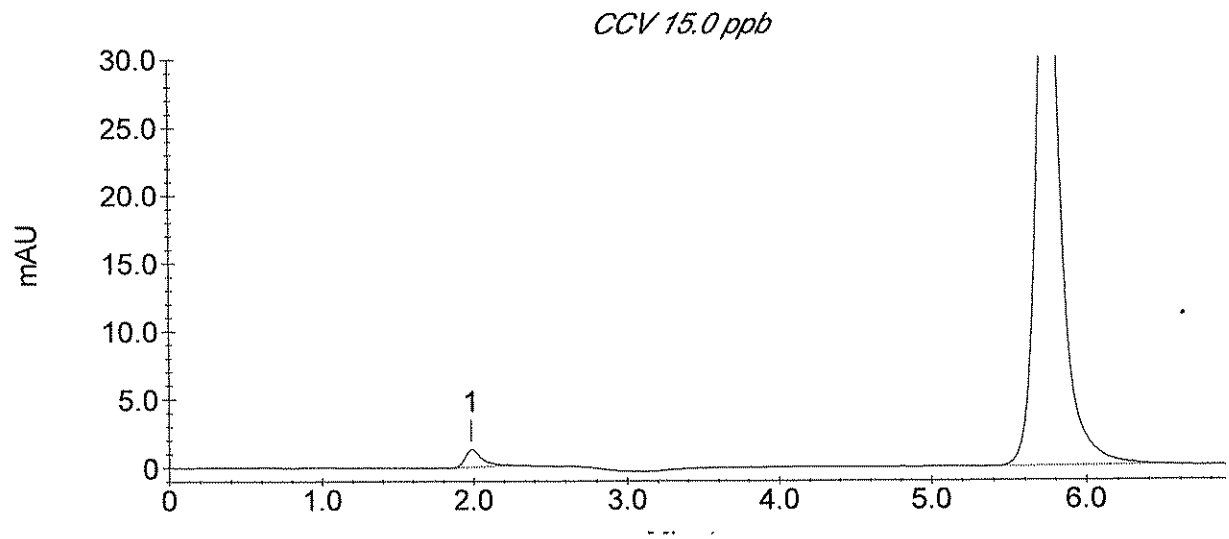
Sample Name : CCV 15.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_085.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 21:26:17
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 85
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	10057	1267
2	CRVI	5.75	14.34	478943	45541



STL Los Angeles Cr VI Sample Analysis Report

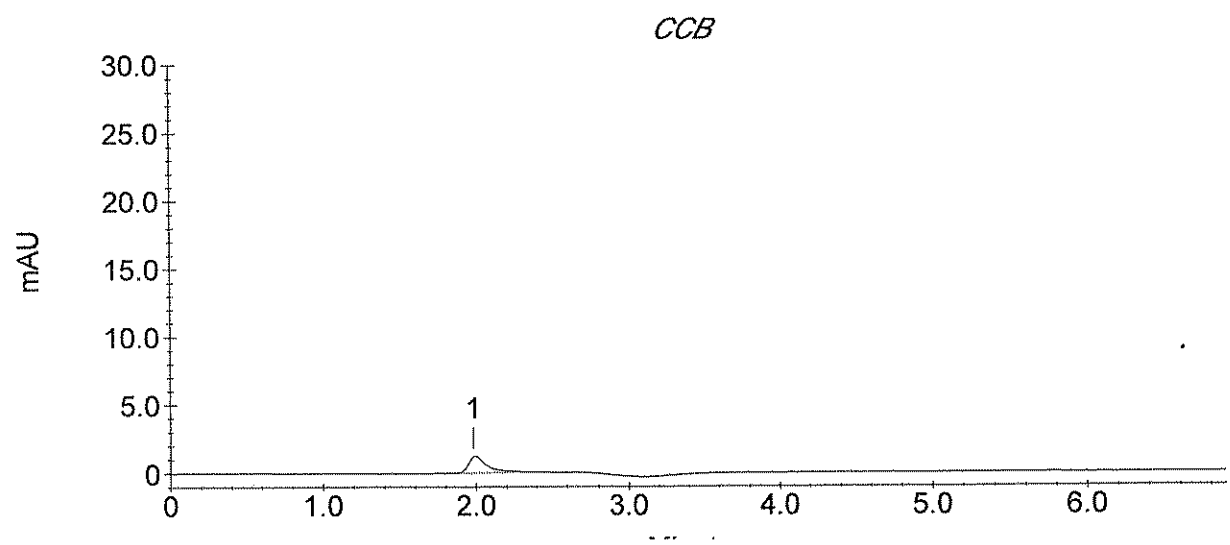
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_086.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 21:35:42
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 86
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	10693	1178



STL Los Angeles Cr VI Sample Analysis Report

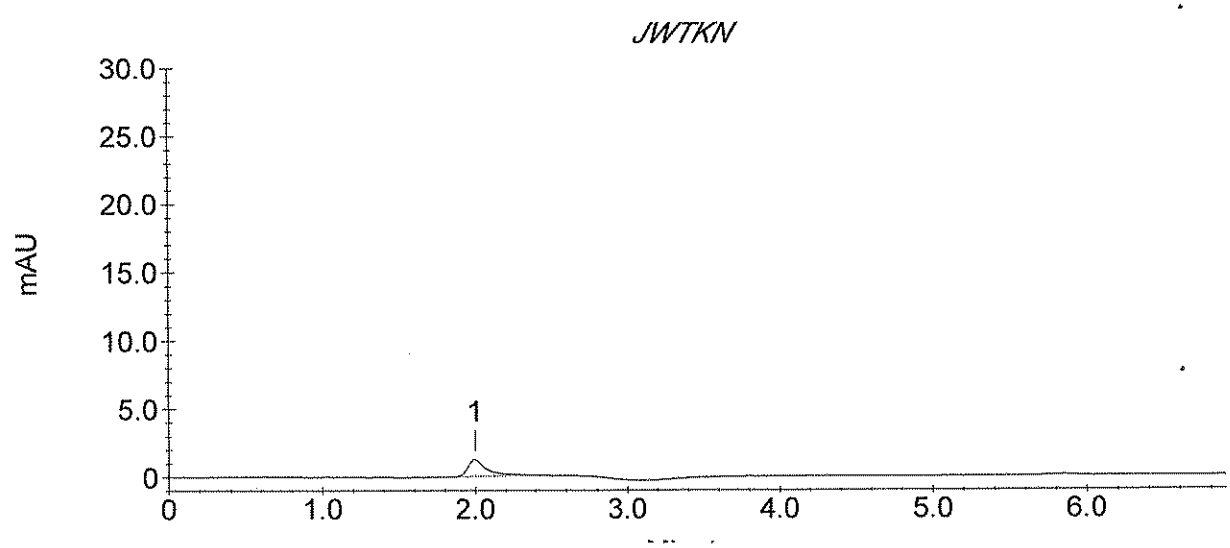
Sample Name : JWTKN
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_087.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 21:45:09
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 87
Dilution Factor : 10.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	10553	1243



STL Los Angeles Cr VI Sample Analysis Report

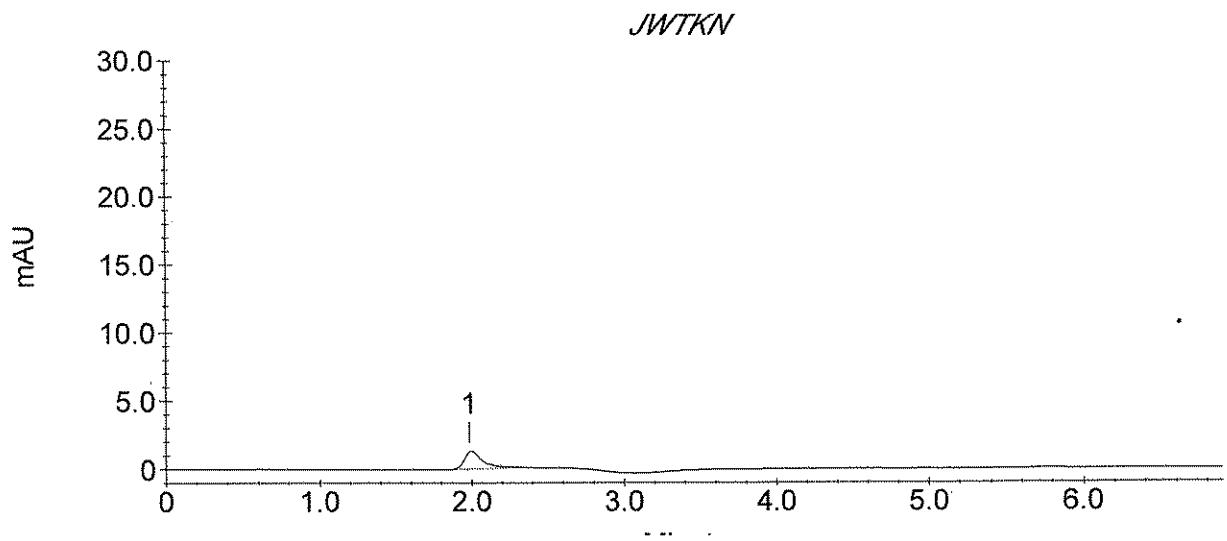
Sample Name : JWTKN
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_088.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 21:54:34
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 88
Dilution Factor : 10.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	11070	1233



STL Los Angeles Cr VI Sample Analysis Report

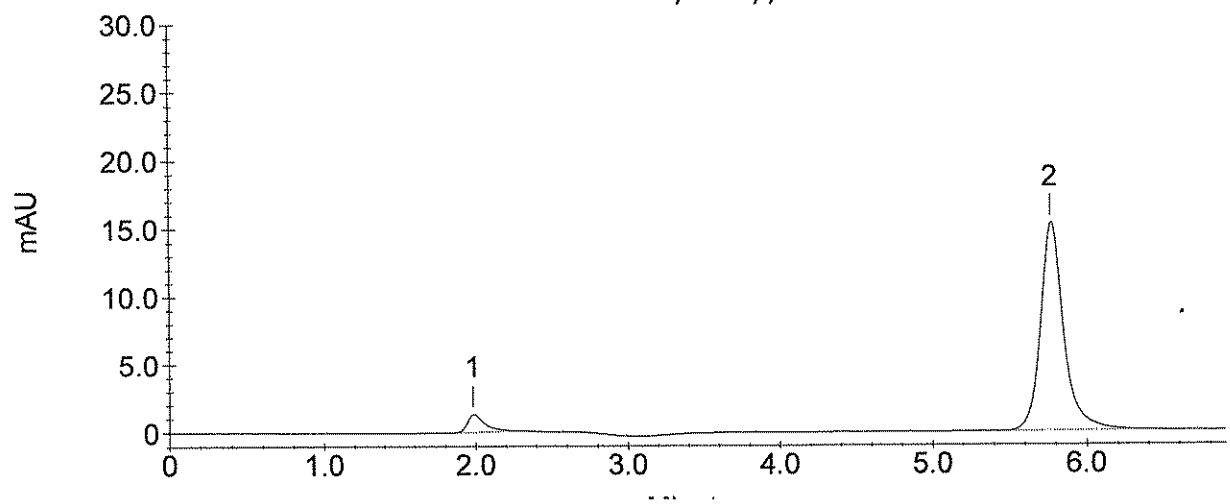
Sample Name : JWTKN spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_089.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 22:03:58
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 89
Dilution Factor : 10.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	10382	1279
2	CRVI	5.77	47.80	159372	15145



STL Los Angeles Cr VI Sample Analysis Report

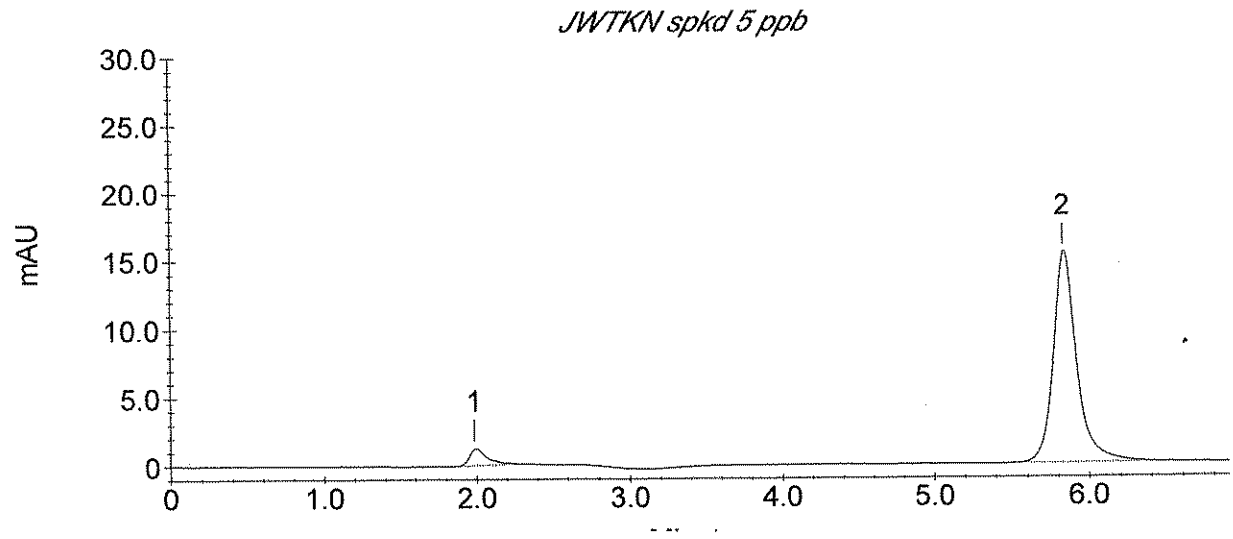
Sample Name : JWTKN spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_090.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 22:13:25
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 90
Dilution Factor : 10.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	10419	1204
2	CRVI	5.83	49.00	163377	15273



STL Los Angeles Cr VI Sample Analysis Report

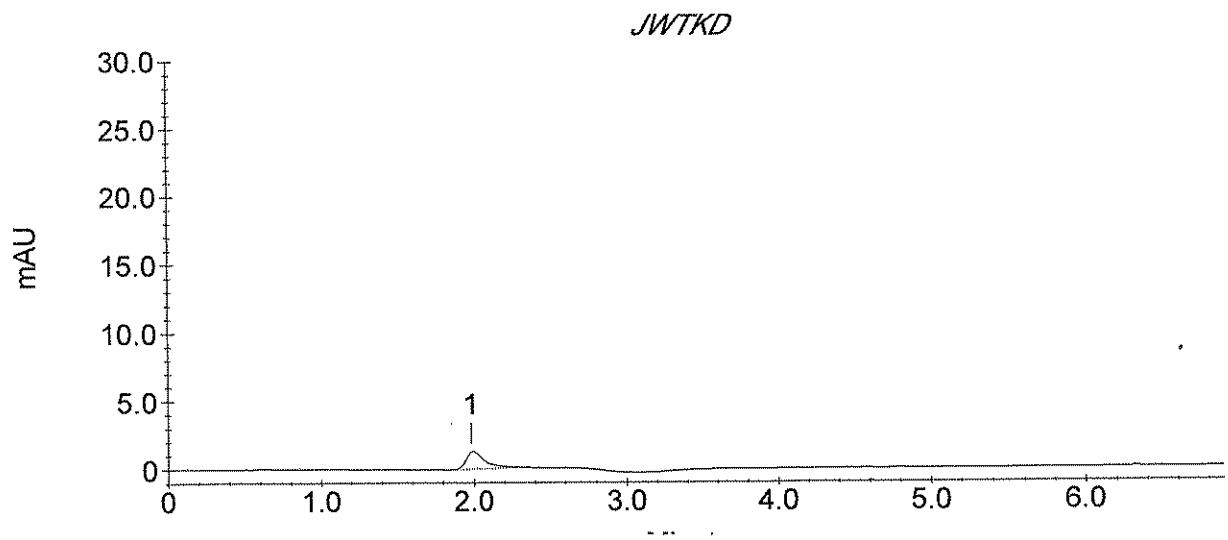
Sample Name : JWTKD
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_091.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 22:22:50
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 91
Dilution Factor : 10.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	11122	1247



STL Los Angeles Cr VI Sample Analysis Report

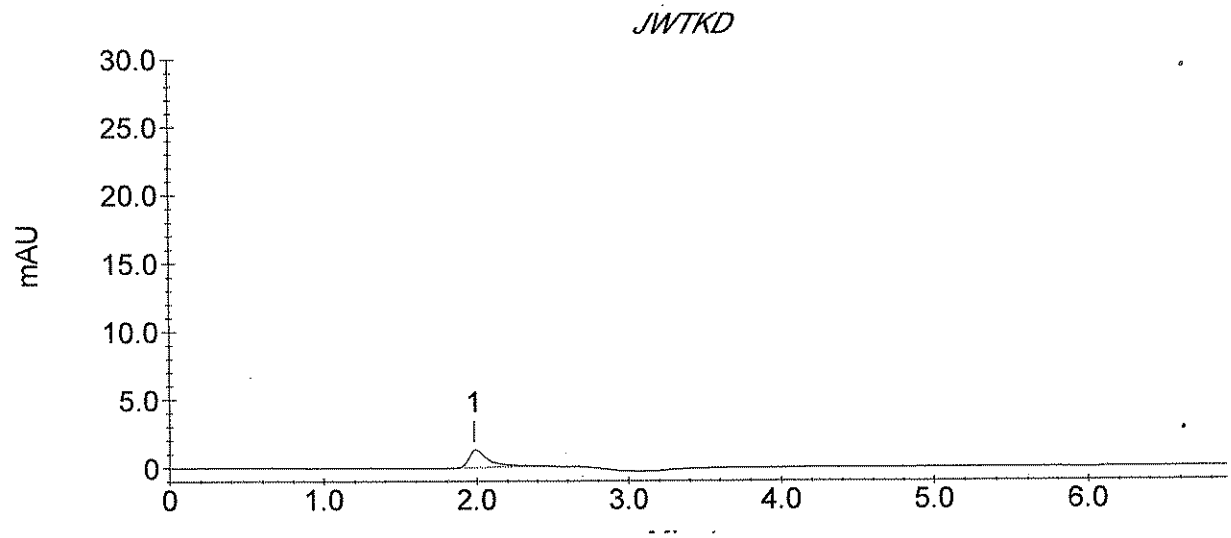
Sample Name : JWTKD
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_092.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 22:32:17
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 92
Dilution Factor : 10.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	11461	1254



STL Los Angeles Cr VI Sample Analysis Report

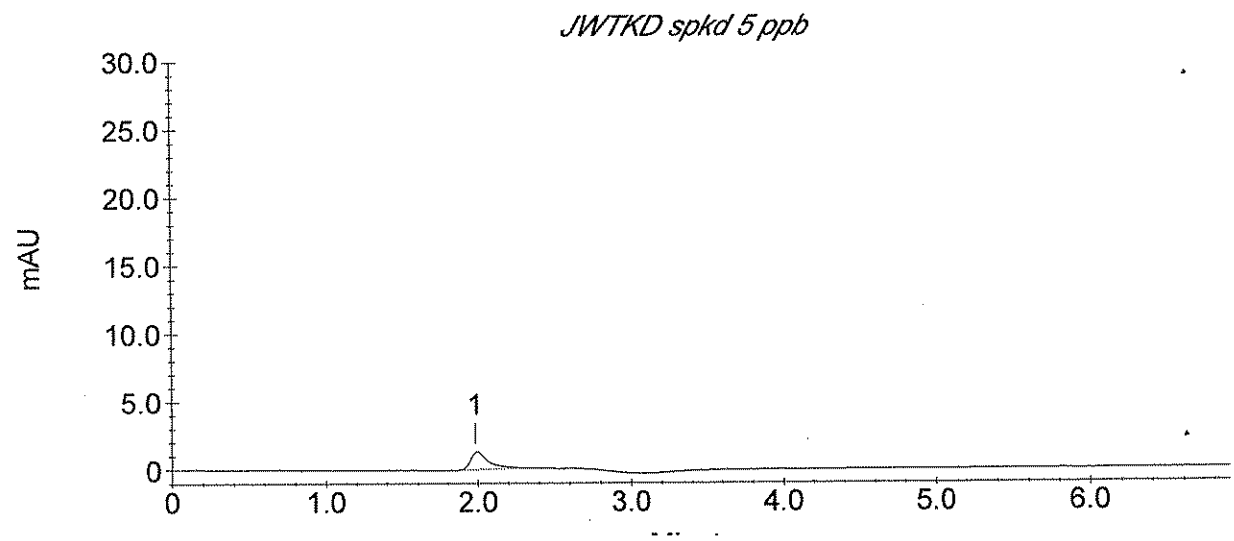
Sample Name : JWTKD spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_093.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 22:41:41
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 93
Dilution Factor : 10.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	10786	1246



STL Los Angeles Cr VI Sample Analysis Report

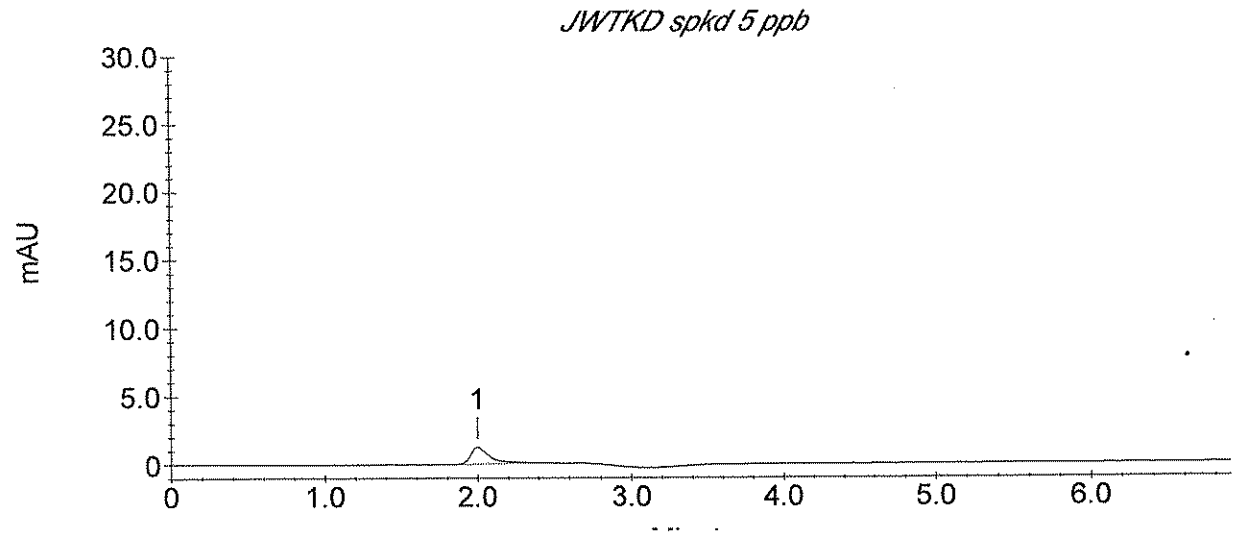
Sample Name : JWTKD spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_094.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 22:51:08
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 94
Dilution Factor : 10.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	10983	1228



STL Los Angeles Cr VI Sample Analysis Report

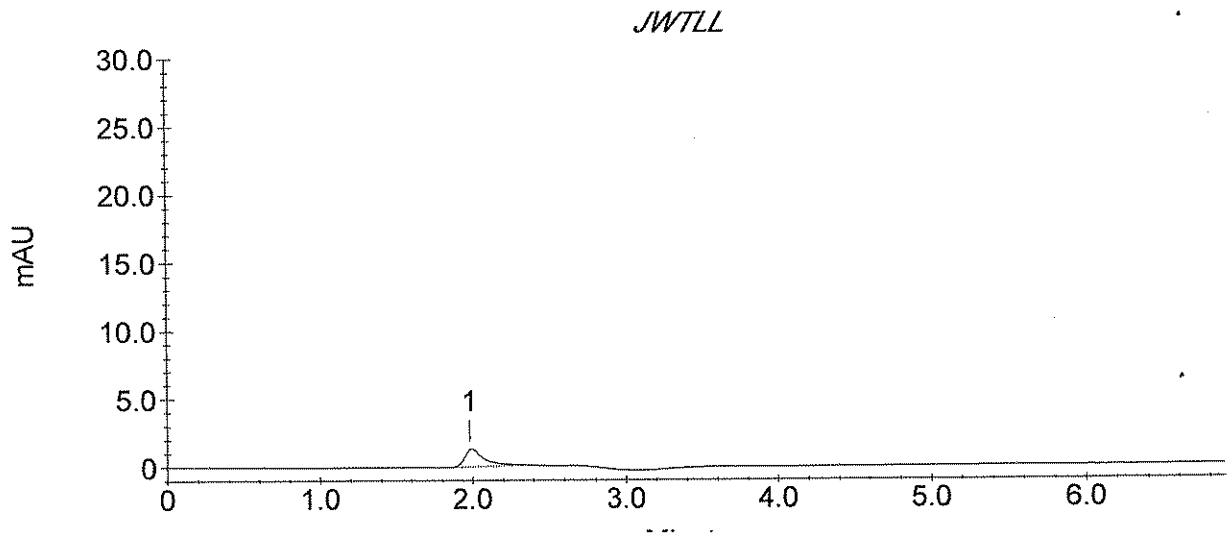
Sample Name : JWTLL
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_095.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 23:00:33
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 95
Dilution Factor : 10.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	11671	1267



STL Los Angeles Cr VI Sample Analysis Report

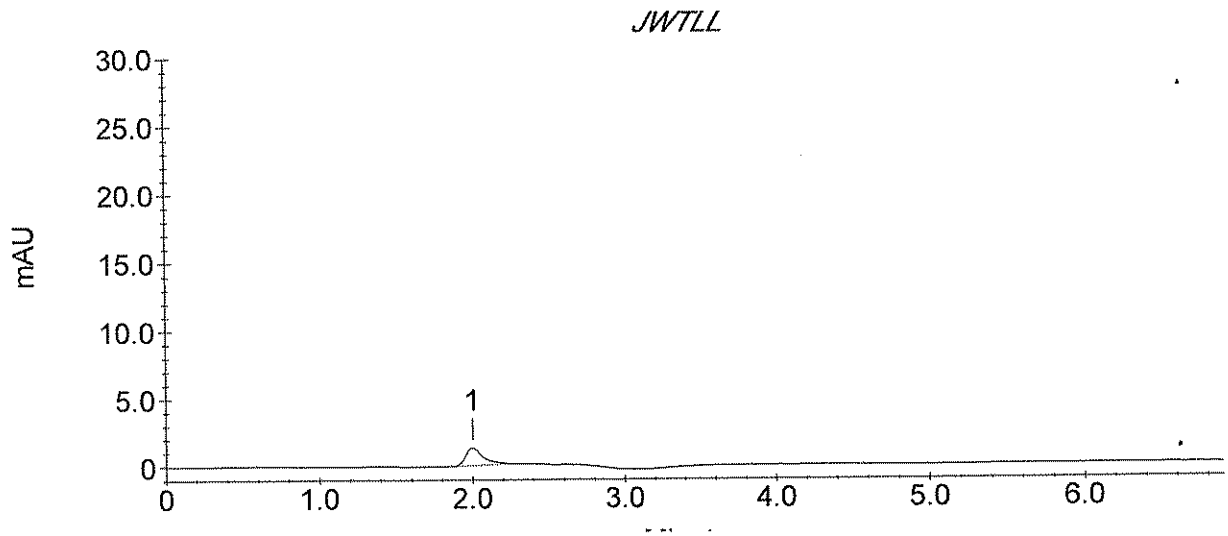
Sample Name : JWTLL
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_096.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 23:10:00
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 96
Dilution Factor : 10.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	10455	1294



STL Los Angeles Cr VI Sample Analysis Report

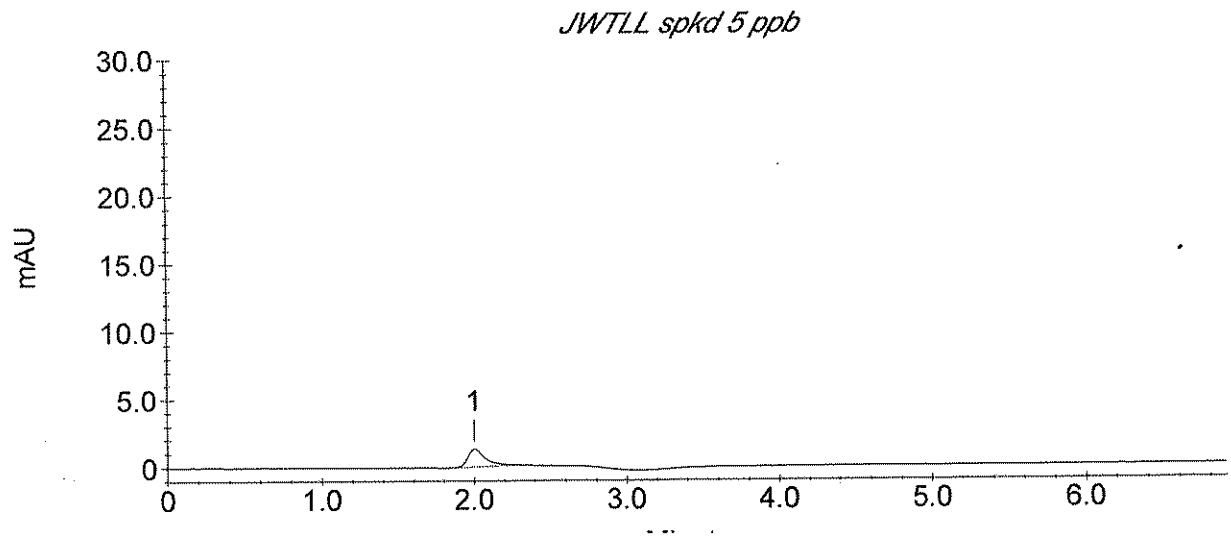
Sample Name : JWTLL spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_097.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 23:19:24
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 97
Dilution Factor : 10.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	10817	1295



STL Los Angeles Cr VI Sample Analysis Report

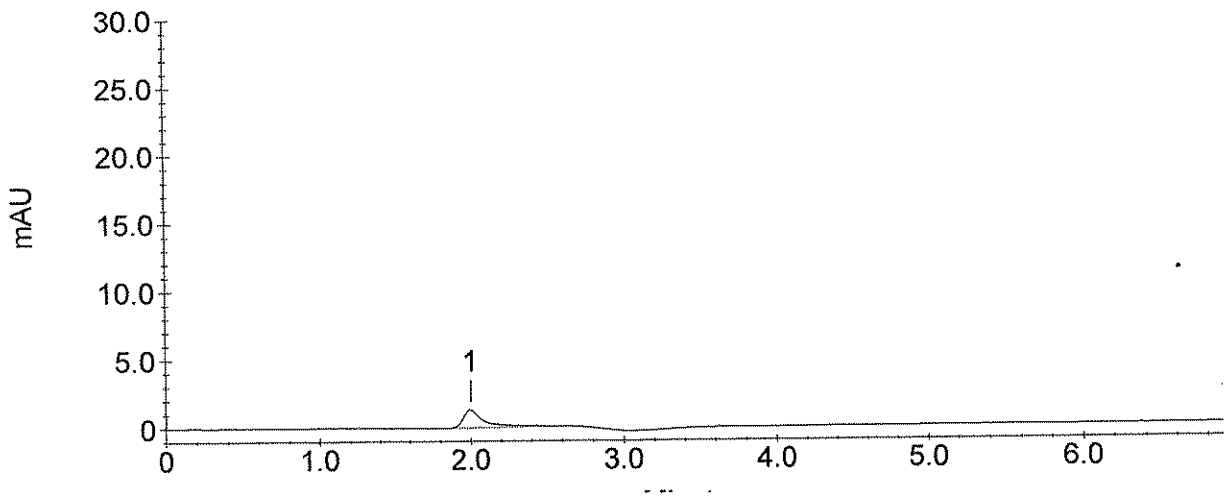
Sample Name : JWTLL spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_098.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 23:28:51
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 98
Dilution Factor : 10.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	12932	1333



STL Los Angeles Cr VI Sample Analysis Report

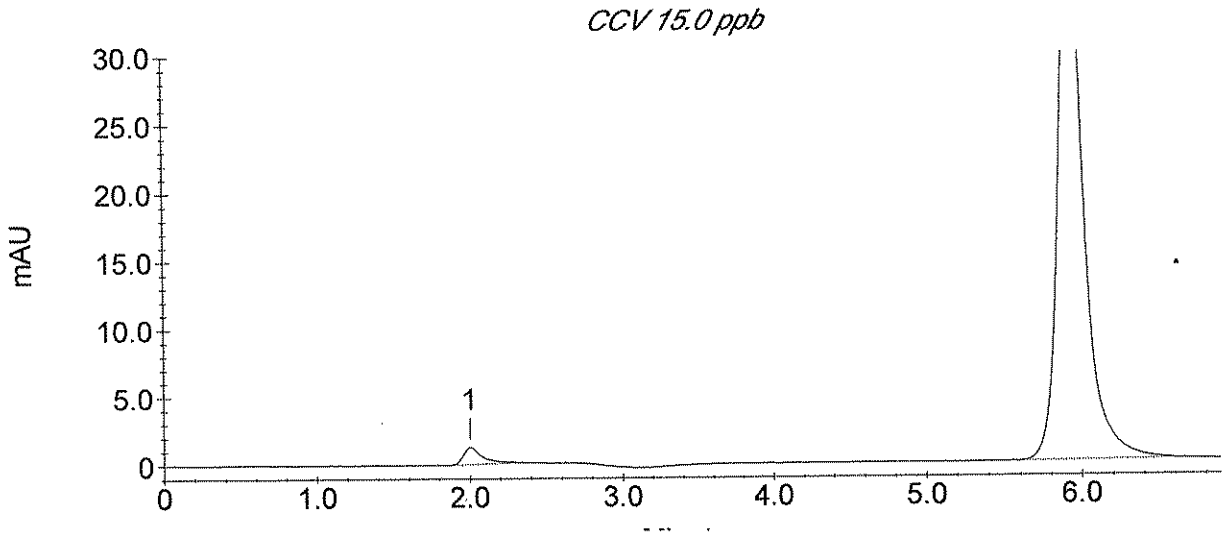
Sample Name : CCV 15.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_099.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 23:38:16
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 99
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	10993	1232
2	CRVI	5.93	14.17	473376	43634



STL Los Angeles Cr VI Sample Analysis Report

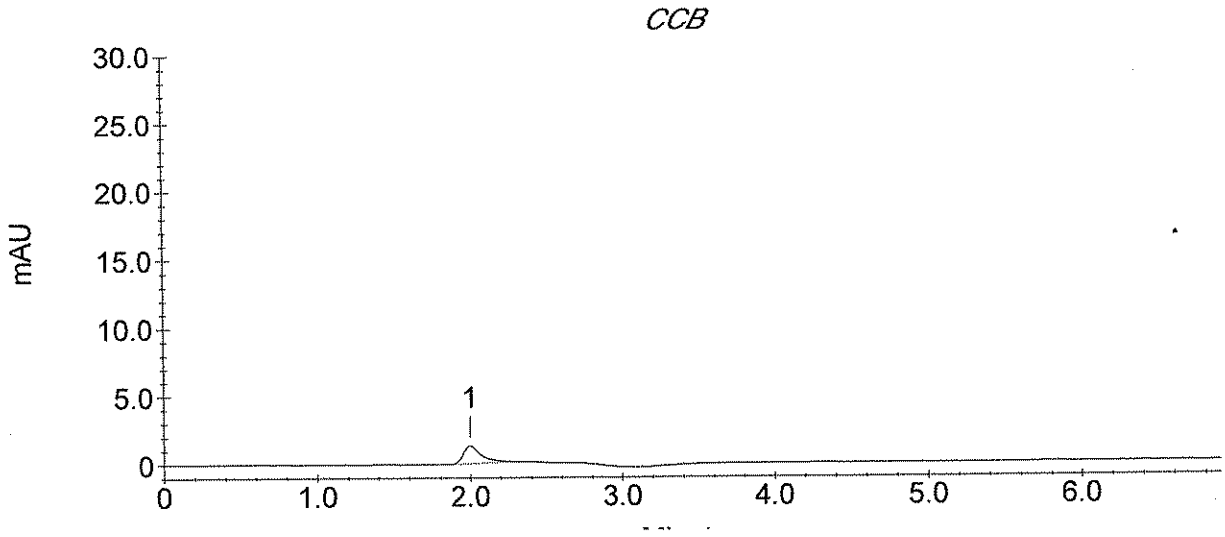
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_100.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/11/07 23:47:42
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 100
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	10762	1305



STL Los Angeles Cr VI Sample Analysis Report

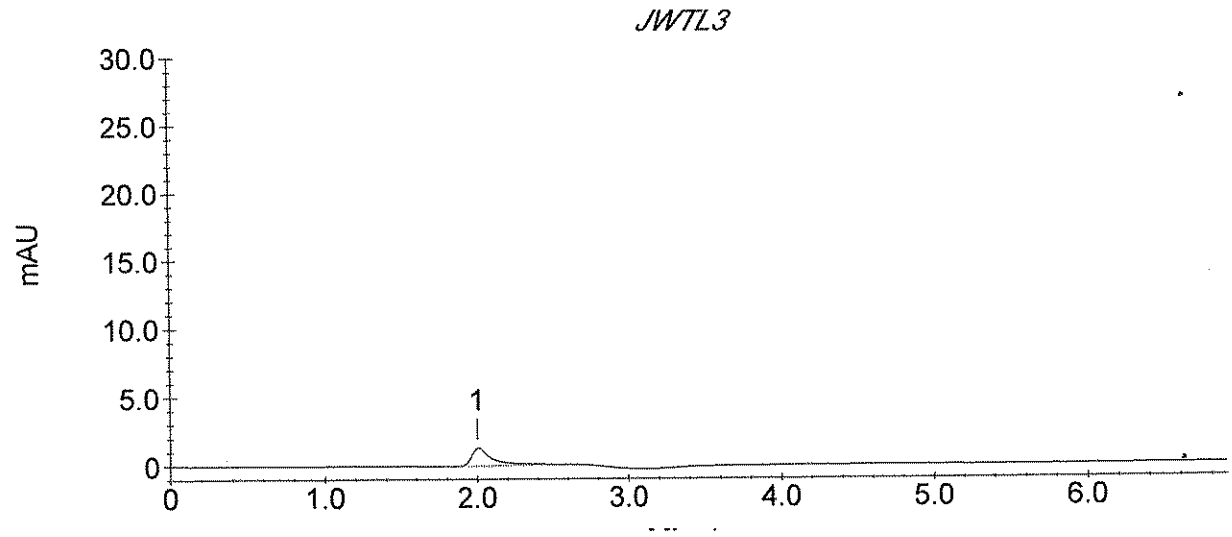
Sample Name : JWTL3
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_101.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/11/07 23:57:08
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 101
Dilution Factor : 10.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	13036	1284



STL Los Angeles Cr VI Sample Analysis Report

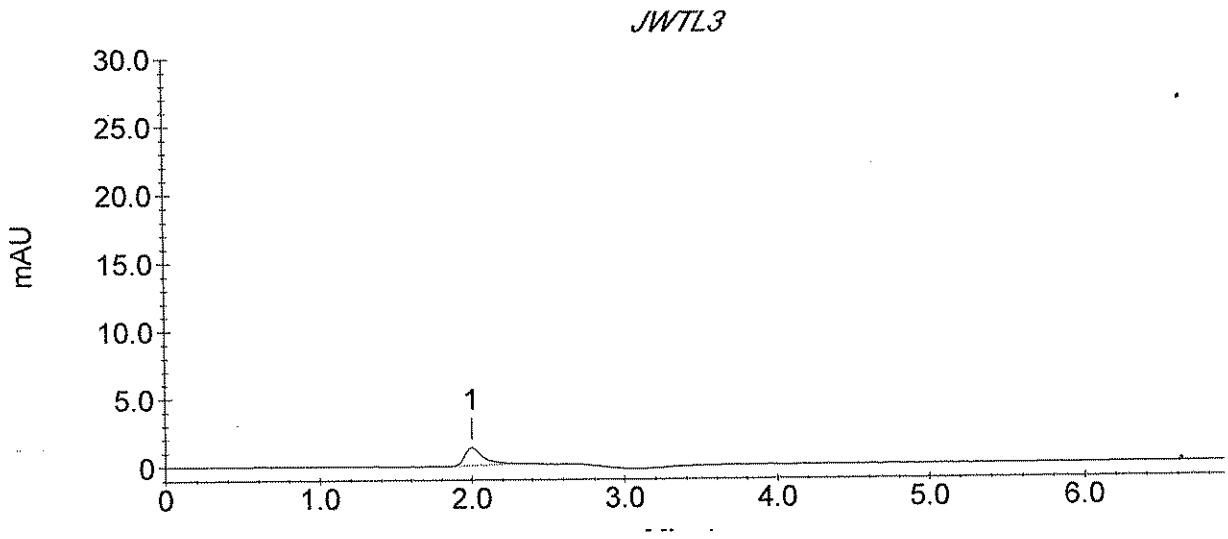
Sample Name : JWTL3
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_102.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 00:06:35
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 102
Dilution Factor : 10.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	11133	1317



STL Los Angeles Cr VI Sample Analysis Report

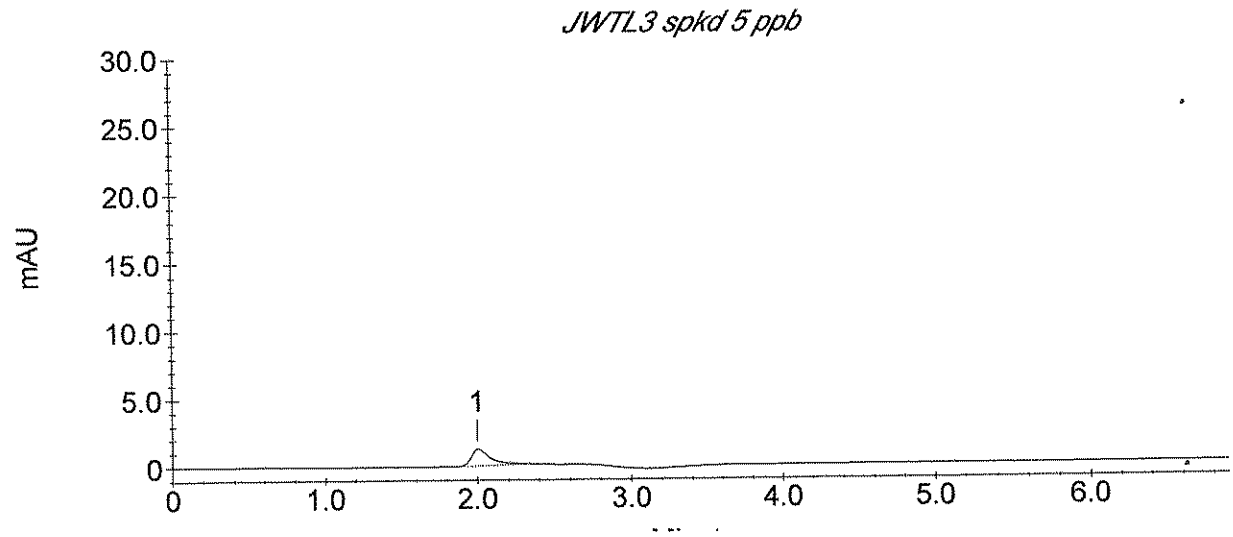
Sample Name : JWTL3 spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_103.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 00:16:01
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 103
Dilution Factor : 10.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	10862	1215



STL Los Angeles Cr VI Sample Analysis Report

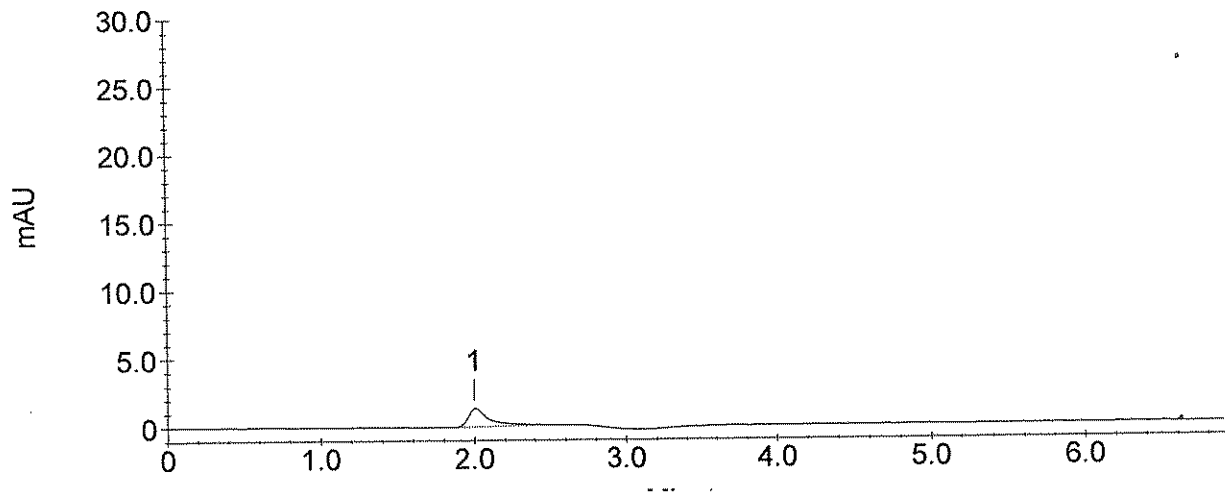
Sample Name : JWTL3 spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_104.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 00:25:28
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 104
Dilution Factor : 10.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	13079	1312



STL Los Angeles Cr VI Sample Analysis Report

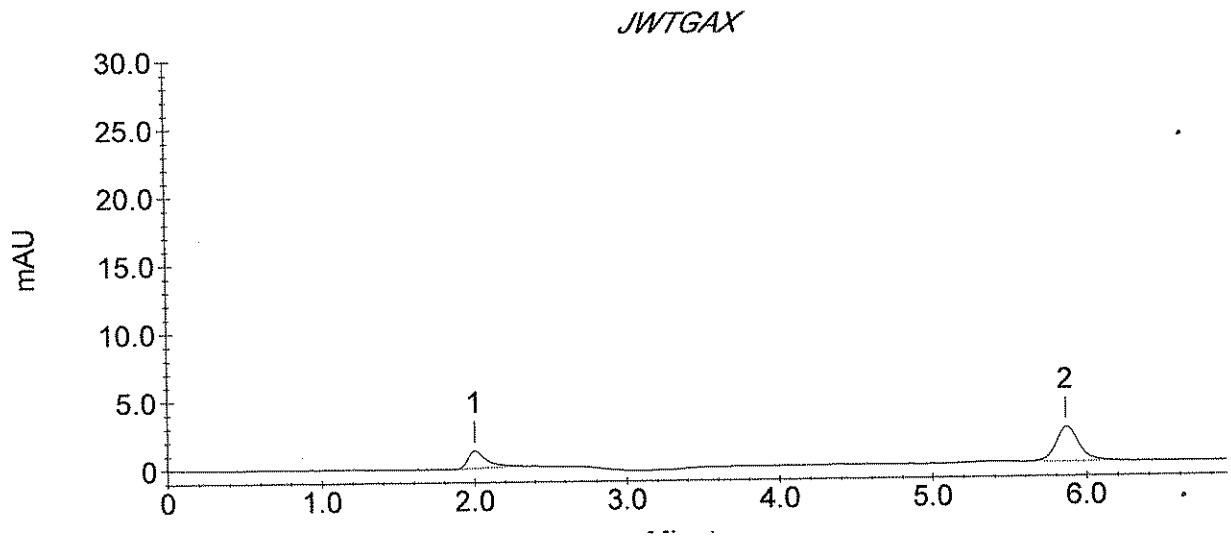
Sample Name : JWTGAX
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_105.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 00:34:52
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 105
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	10842	1278
2	CRVI	5.87	0.81	26648	2520



STL Los Angeles Cr VI Sample Analysis Report

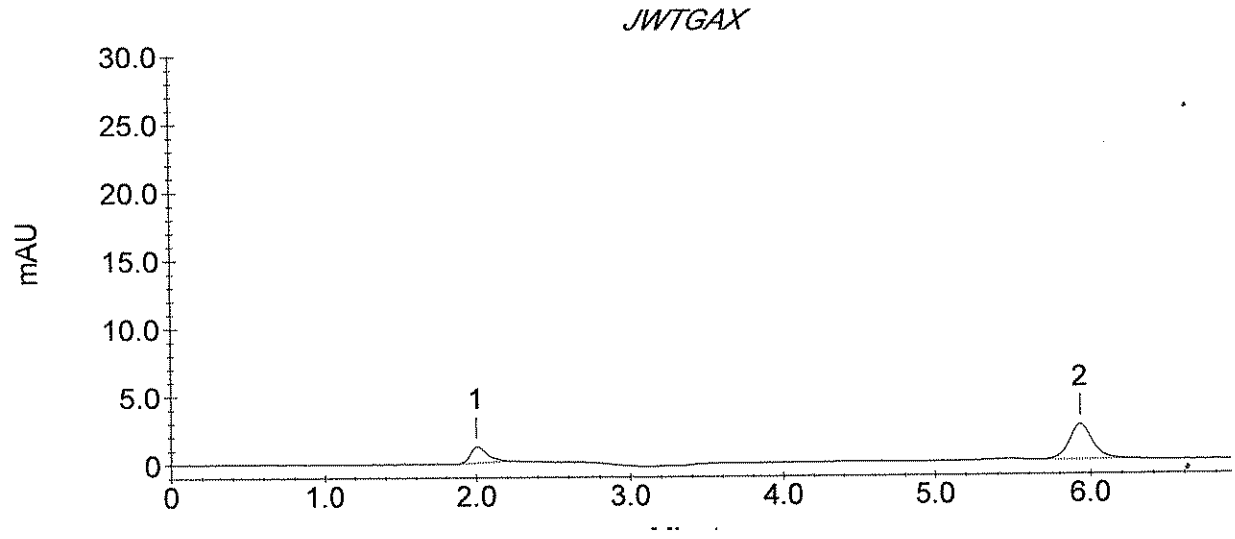
Sample Name : JWTGAX
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_106.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 00:44:18
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 106
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	9166	1169
2	CRVI	5.93	0.82	26904	2564



STL Los Angeles Cr VI Sample Analysis Report

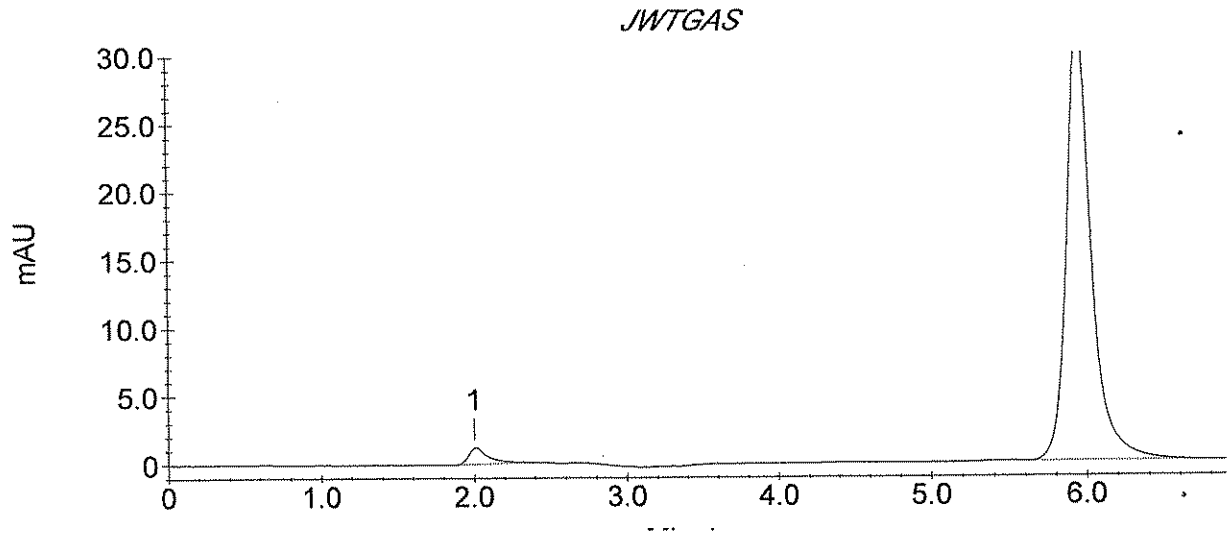
Sample Name : JWTGAS
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_107.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 00:53:43
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 107
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	10800	1180
2	CRVI	5.95	10.66	356024	32398



STL Los Angeles Cr VI Sample Analysis Report

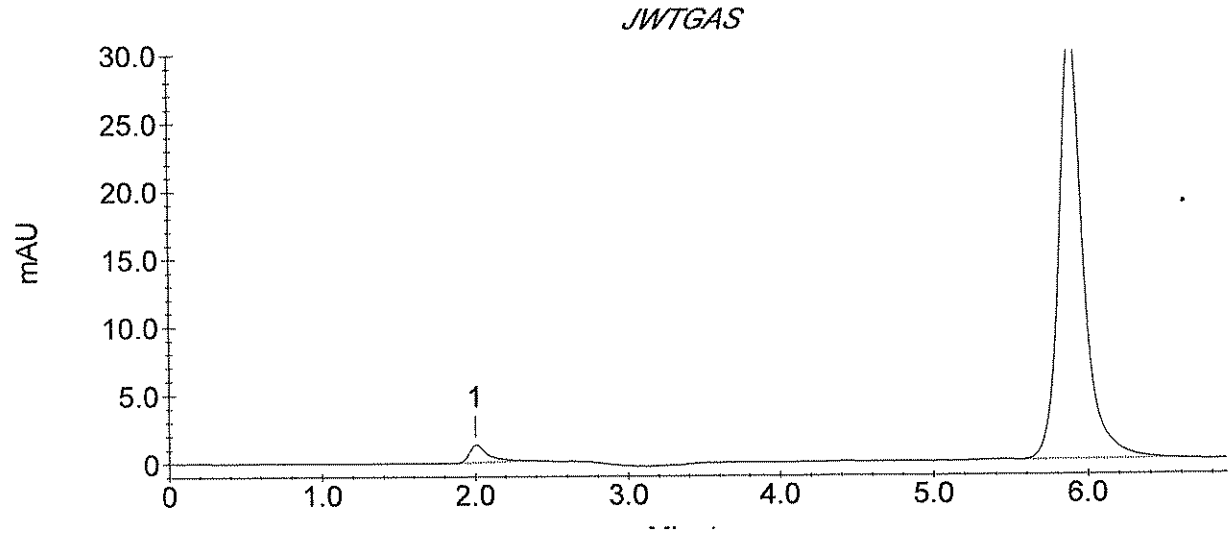
Sample Name : JWTGAS
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_108.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 01:03:09
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 108
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	11333	1268
2	CRVI	5.88	10.34	345374	31298



STL Los Angeles Cr VI Sample Analysis Report

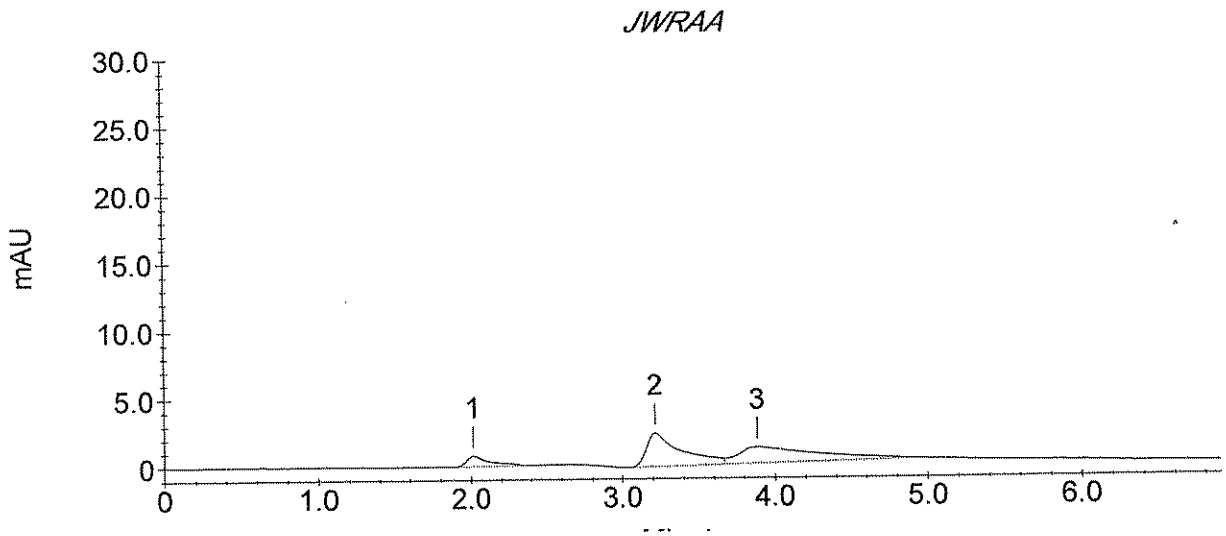
Sample Name : JWRAA
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_109.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 01:12:34
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 109
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.02	0.00	8311	780
2		3.22	0.00	38746	2453
3		3.88	0.00	42594	1190



STL Los Angeles Cr VI Sample Analysis Report

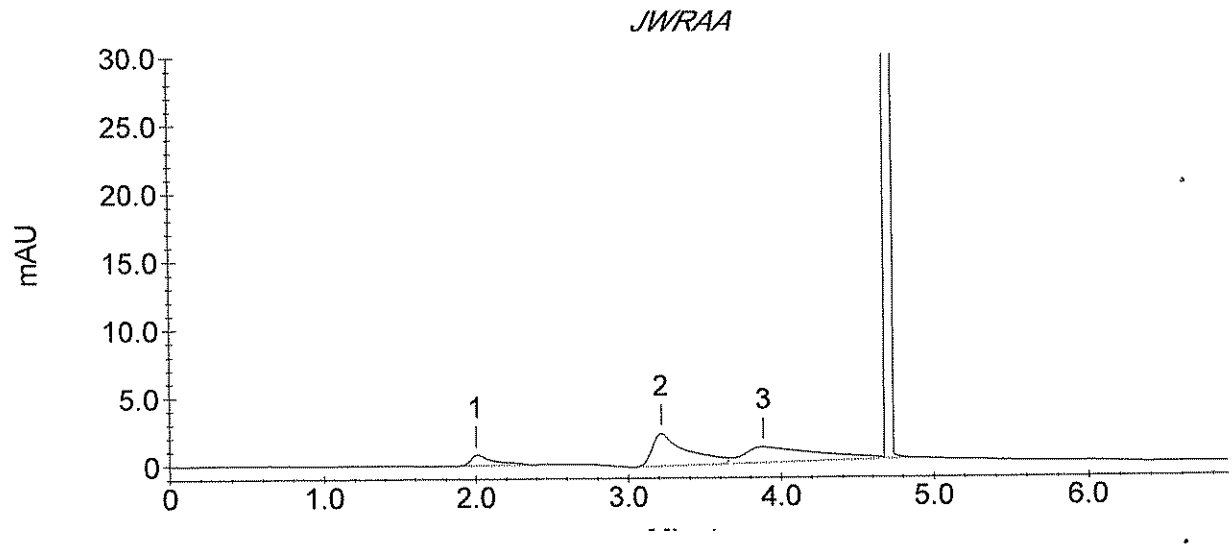
Sample Name : JWRAA
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_110.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 01:22:01
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 110
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	8168	739
2		3.22	0.00	36923	2370
3		3.88	0.00	36916	1151
4		4.72	0.00	1739761	695554



STL Los Angeles Cr VI Sample Analysis Report

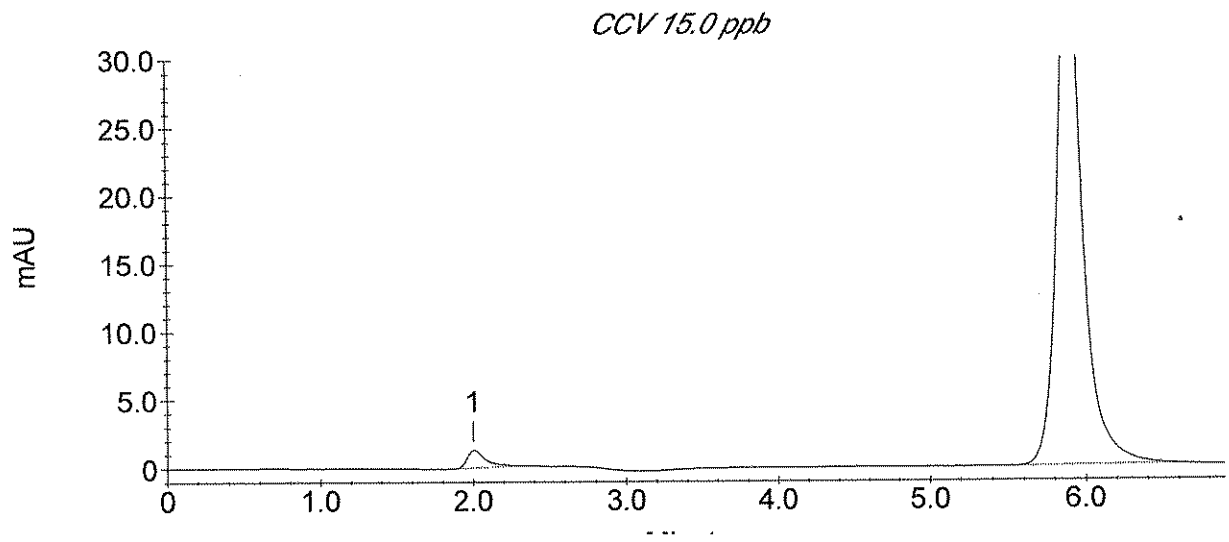
Sample Name : CCV 15.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_111.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 01:31:26
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 111
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	10726	1265
2	CRVI	5.90	13.24	442255	40283



STL Los Angeles Cr VI Sample Analysis Report

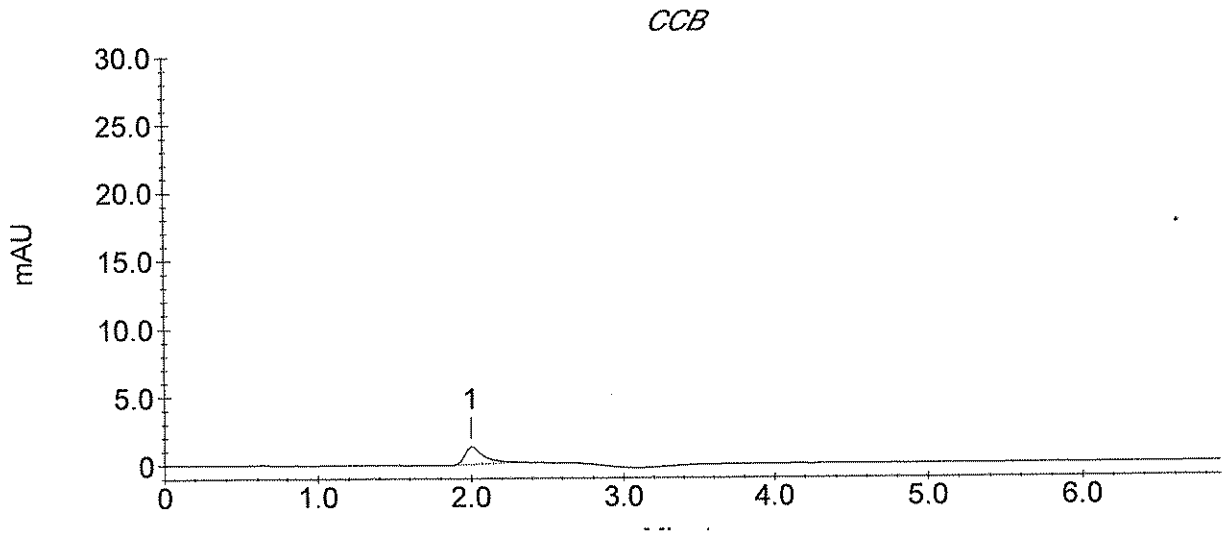
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_112.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 01:40:53
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 112
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	10954	1276



STL Los Angeles Cr VI Sample Analysis Report

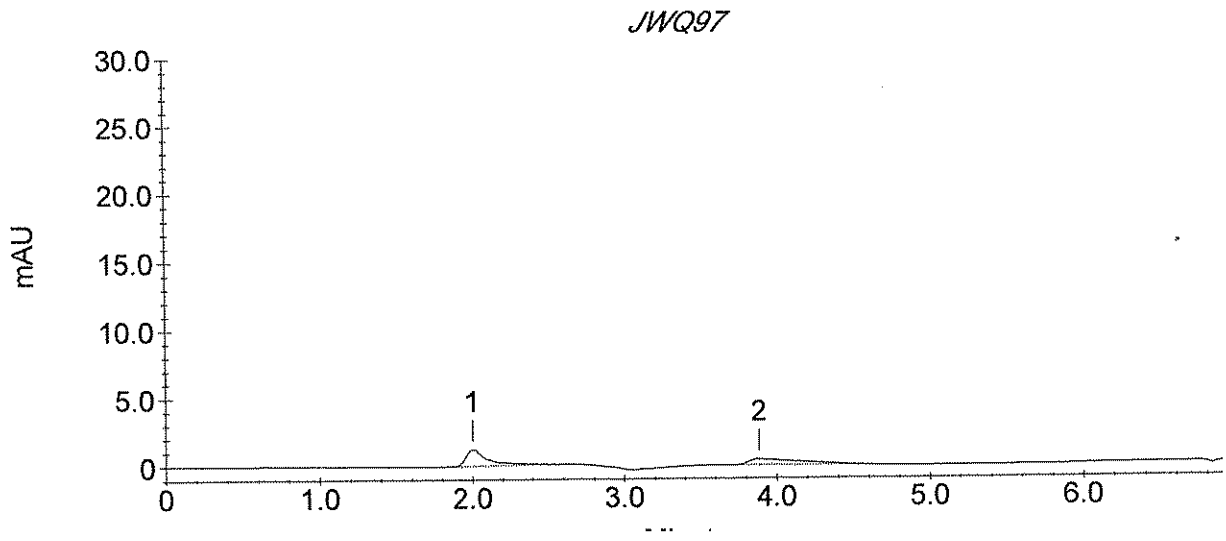
Sample Name : JWQ97
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_113.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 01:50:18
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 113
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	12615	1222
2		3.88	0.00	10558	435



STL Los Angeles Cr VI Sample Analysis Report

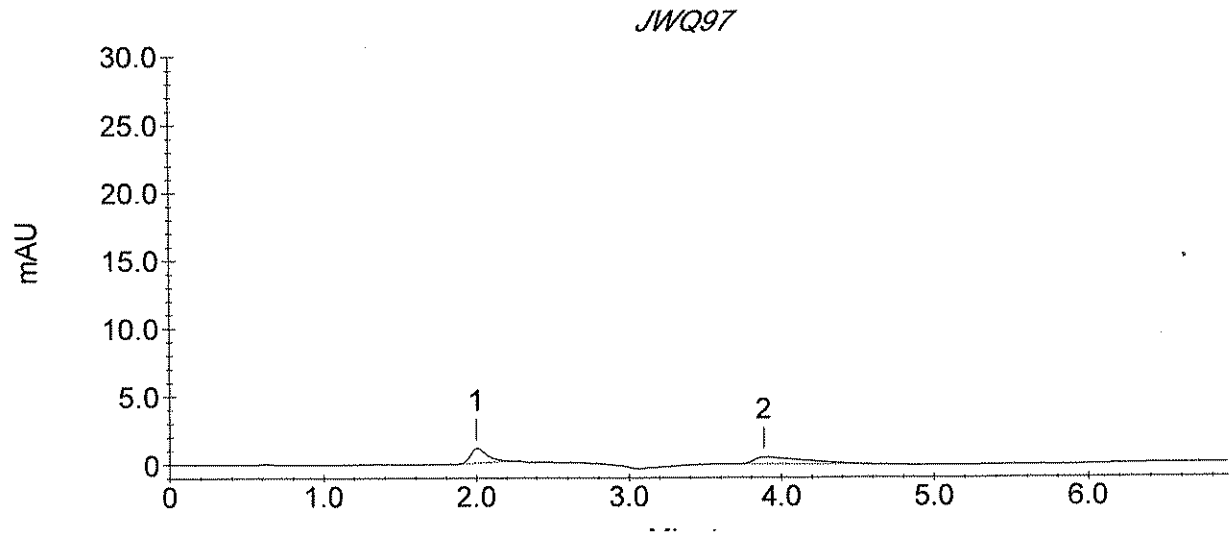
Sample Name : JWQ97
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_114.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 01:59:45
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 114
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	8278	1051
2		3.88	0.00	11577	502



STL Los Angeles Cr VI Sample Analysis Report

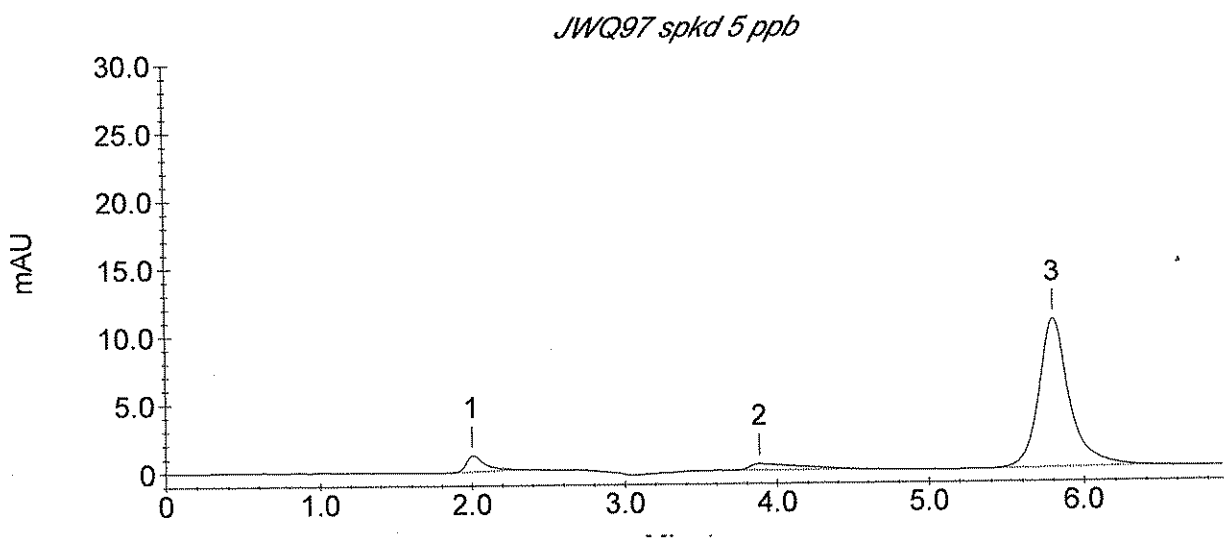
Sample Name : JWQ97 spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_115.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 02:09:10
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 115
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	10323	1155
2		3.88	0.00	10716	454
3	CRVI	5.80	22.44	149598	10814



STL Los Angeles Cr VI Sample Analysis Report

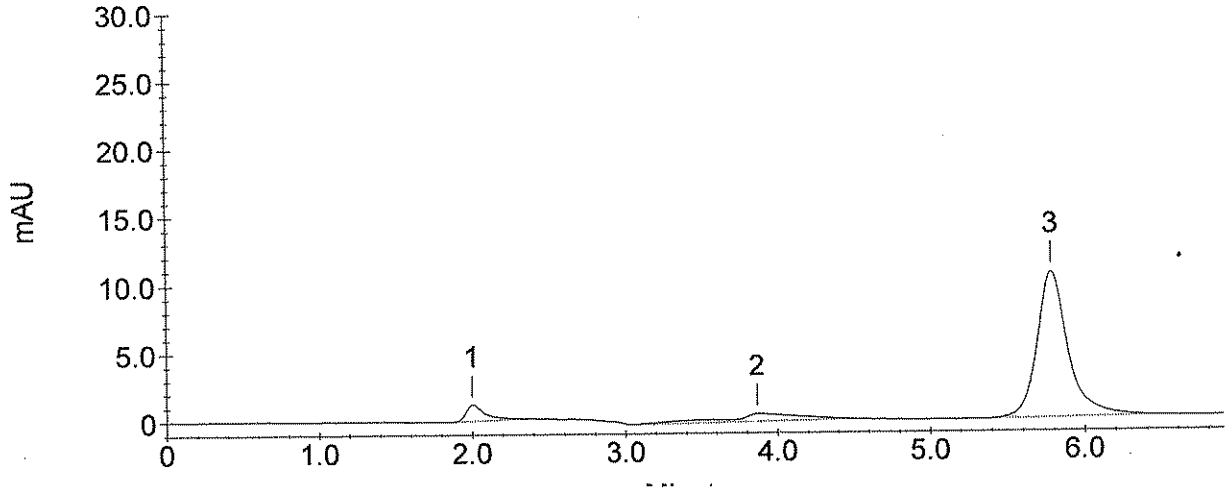
Sample Name : JWQ97 spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_116.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 02:18:38
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 116
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	10807	1189
2		3.87	0.00	20467	587
3	CRVI	5.78	22.29	148600	10658



STL Los Angeles Cr VI Sample Analysis Report

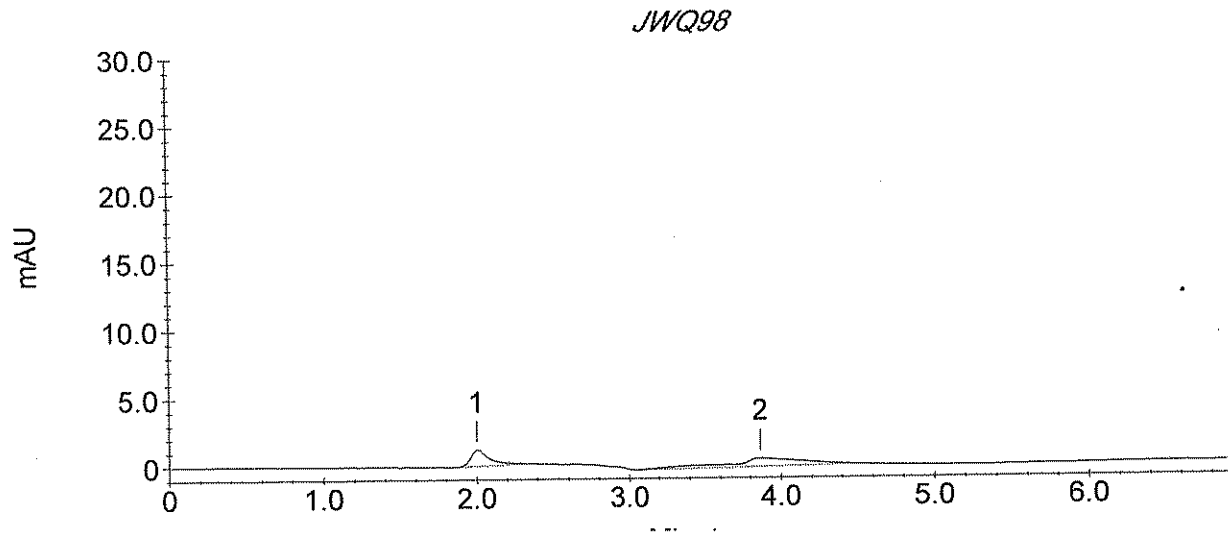
Sample Name : JWQ98
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_117.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 02:28:01
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 117
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	10667	1185
2		3.87	0.00	20878	610



STL Los Angeles Cr VI Sample Analysis Report

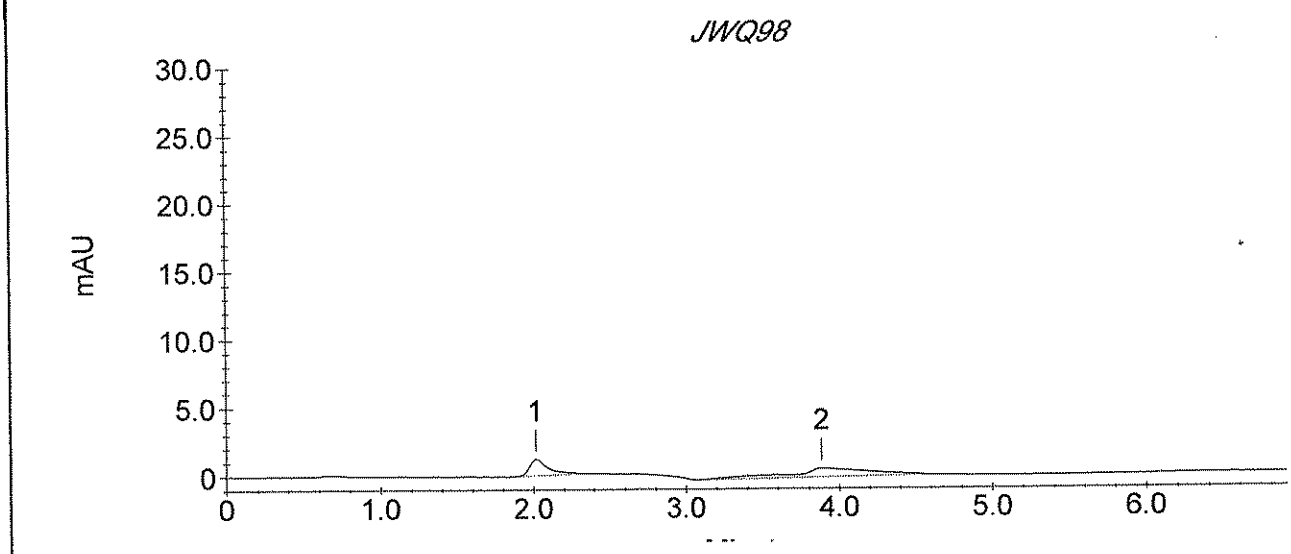
Sample Name : JWQ98
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_118.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 02:37:28
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 118
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.02	0.00	10565	1178
2		3.88	0.00	22934	629



STL Los Angeles Cr VI Sample Analysis Report

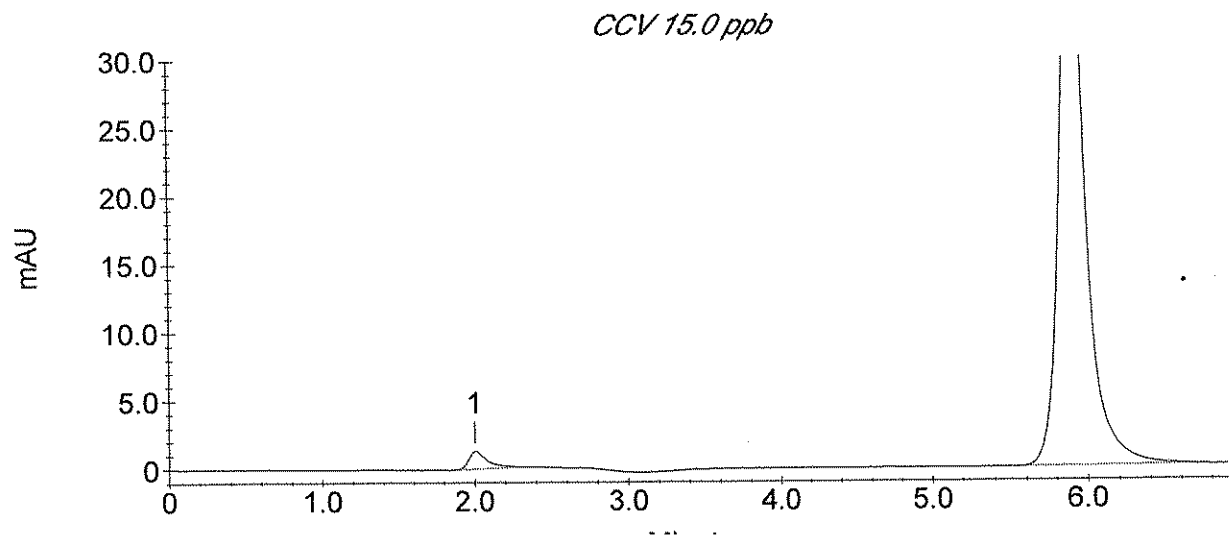
Sample Name : CCV 15.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_119.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 02:46:53
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 119
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	11224	1284
2	CRVI	5.90	14.90	497579	44827



STL Los Angeles Cr VI Sample Analysis Report

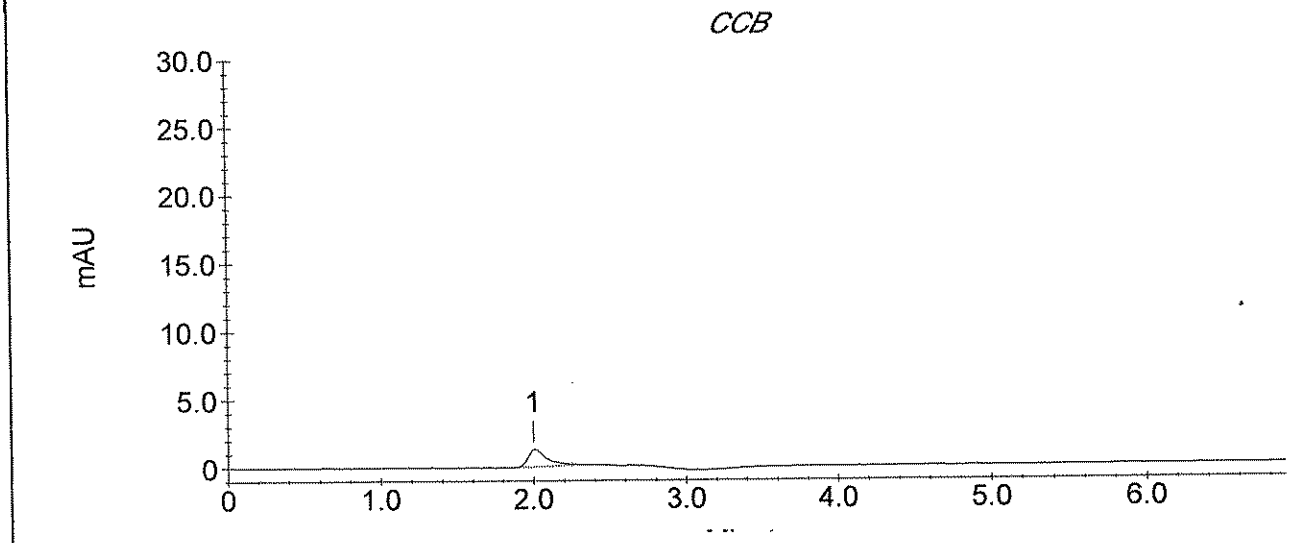
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051107_120.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 02:56:20
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 120
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.00	0.00	11283	1235



STL Los Angeles

Hexavalent Chromium by Ion Chromatography

SOP: SANA-WC-0009

Analytical Method: 7199 ✓

218.6____

IC File: CrVI051207

Calibration Check Standards (ug/L)

ICV 7.5

CCV 15

Analyst: YZ

Reviewer/Date: 5/18/07

Batch(s): 7134251 7134280

				For Soil Sample Data Reduction			EPA 218.6	SW 7199 Water	SW 7199 Soil		
Date/Time Collected	Dilution Factor	Injection Number	Sample Name	Beaker Number	Sample Name	Wet Sample Weight (g)	Cr+6 ug/L	Average Cr+6 mg/L	Total Cr+6 mg/Kg	RPD <20% for 7199	Calibration Check % Recovery ICV/CCV
5/12/07 07:52	1	1	ICV/LCS 7.50 ppb		#N/A	#N/A	7.257445102				96.8
5/12/07 08:02	1	2	ICB/MB 051207		#N/A	#N/A		0.00363	#N/A	100.00000	
5/12/07 08:11	20	3	JWTLL		#N/A	#N/A					
5/12/07 08:21	20	4	JWTLL		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/12/07 08:30	20	5	JWTL3		#N/A	#N/A					
5/12/07 08:40	20	6	JWTL3		#N/A	#N/A		0.00000	#N/A	#DIV/0!	
5/12/07 08:49	1	7	JWTGA		#N/A	#N/A	0.607385428				
5/12/07 09:27	1	8	JWTGA		#N/A	#N/A	0.629825104	0.00062	#N/A	3.62746	
5/12/07 09:36	1	9	JWTGAX		#N/A	#N/A	0.631042479				
5/12/07 09:46	1	10	JWTGAX		#N/A	#N/A	0.613890554	0.00062	#N/A	2.75548	
5/12/07 09:55	1	11	JWTGAS		#N/A	#N/A	12.25304051				
5/12/07 10:05	1	12	JWTGAS		#N/A	#N/A	12.49486967	0.01237	#N/A	1.95434	
5/12/07 10:14	1	13	CCV 15.0 ppb REF.		#N/A	#N/A	16.77377671				111.8
5/12/07 10:24	1	14	CCB Ref		#N/A	#N/A		0.00839	#N/A	100.00000	
5/12/07 10:42	1	15	CCV 15.0 ppb		#N/A	#N/A	14.40348844				96.0
5/12/07 10:51	1	16	CCB		#N/A	#N/A		0.00720	#N/A	100.00000	
5/12/07 11:01	2500	17	JW0F5		#N/A	#N/A	15745.64405				
5/12/07 11:10	2500	18	JW0F5		#N/A	#N/A	13170.37703	14.45801	#N/A	17.81204	
5/12/07 11:20	2500	19	JW0F7 REF.		#N/A	#N/A	17811.11859				
5/12/07 11:29	2500	20	JW0F7 REF.		#N/A	#N/A	13964.13693	15.88763	#N/A	24.21369	
5/12/07 11:39	2500	21	JW0F8		#N/A	#N/A	14370.52034				
5/12/07 11:48	2500	22	JW0F8		#N/A	#N/A	13698.65304	14.03459	#N/A	4.78723	
5/12/07 11:58	125	23	JW0FH		#N/A	#N/A	2345.376024				
5/12/07 12:07	125	24	JW0FH		#N/A	#N/A	2379.902912	2.36264	#N/A	1.46137	
5/12/07 12:37	2500	25	JW0F7		#N/A	#N/A	13015.06155				
5/12/07 12:47	2500	26	JW0F7		#N/A	#N/A	13039.57915	13.02732	#N/A	0.18820	
5/12/07 12:56	1	27	CCV 15.0 ppb		#N/A	#N/A	15.12712159			100.8	

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Saved on:5/18/07

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ver:04/04/2003

STL Los Angeles

Hexavalent Chromium by Ion Chromatography

SOP: SANA-WC-0009

Analytical Method: 7199 ✓

218.6

IC File: CrVI051207

Calibration Check Standards (ug/L)

ICV 7.5

CCV 15

Analyst: YZ

Reviewer/Date: 5/18/07

Batch(s): 7134251 7134280

				For Soil Sample Data Reduction			EPA 218.6	SW 7199 Water	SW 7199 Soil		
Date/Time Collected	Dilution Factor	Injection Number	Sample Name	Beaker Number	Sample Name	Wet Sample Weight (g)	Cr+6 ug/L	Average Cr+6 mg/L	Total Cr+6 mg/Kg	RPD <20% for 7199	Calibration Check % Recovery ICV/CCV
5/12/07 13:05	1	28	CCB		#N/A	#N/A		0.00756	#N/A	100.00000	
5/12/07 13:15	125	29	JW0FP		#N/A	#N/A	2520.107059				
5/12/07 13:24	125	30	JW0FP		#N/A	#N/A	2499.837238	2.50997	#N/A	0.80757	
5/12/07 13:34	2500	31	JW0FR		#N/A	#N/A	22372.26583				
5/12/07 13:43	2500	32	JW0FR		#N/A	#N/A	21892.41936	22.13234	#N/A	2.16808	
5/12/07 13:53	2500	33	JW0FV		#N/A	#N/A	21252.01593				
5/12/07 14:02	2500	34	JW0FV		#N/A	#N/A	21612.75879	21.43239	#N/A	1.68317	
5/12/07 14:11	2500	35	JW0FX		#N/A	#N/A	21889.91452				
5/12/07 14:21	2500	36	JW0FX		#N/A	#N/A	21580.03056	21.73497	#N/A	1.42574	
5/12/07 14:30	5	37	JW0F0		#N/A	#N/A	60.82871611				
5/12/07 14:40	5	38	JW0F0		#N/A	#N/A	61.25943019	0.06104	#N/A	0.70558	
5/12/07 14:49	1	39	CCV 15.0 ppb		#N/A	#N/A	15.20946003				101.4
5/12/07 14:59	1	40	CCB		#N/A	#N/A		0.00760	#N/A	100.00000	
5/12/07 15:08	5	41	JW0F2		#N/A	#N/A	63.18853636				
5/12/07 15:18	5	42	JW0F2		#N/A	#N/A	65.06226672	0.06413	#N/A	2.92198	
5/12/07 15:27	5	43	JW0F4		#N/A	#N/A	60.50432718				
5/12/07 15:37	5	44	JW0F4		#N/A	#N/A	60.4993474	0.06050	#N/A	0.00823	
5/12/07 15:46	1	45	JW0GA		#N/A	#N/A	1.387417268				
5/12/07 15:56	1	46	JW0GA		#N/A	#N/A	1.416817444	0.00140	#N/A	2.09684	
5/12/07 16:05	125	47	JW0FPX		#N/A	#N/A	2519.513373				
5/12/07 16:14	125	48	JW0FPX		#N/A	#N/A	2516.396895	2.51796	#N/A	0.12377	
5/12/07 16:24	200	49	JW0FPS		#N/A	#N/A	4405.6301				
5/12/07 16:33	200	50	JW0FPS		#N/A	#N/A	4231.585243	4.31861	#N/A	4.03012	
5/12/07 16:43	1	51	CCV 15.0 ppb		#N/A	#N/A	15.42912979				102.9
5/12/07 16:52	1	52	CCB		#N/A	#N/A		0.00771	#N/A	100.00000	
5/12/07 17:02	5	53	JWQ97		#N/A	#N/A					
5/12/07 17:11	5	54	JWQ97		#N/A	#N/A		0.00000	#N/A	#DIV/0!	

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STL Los Angeles

Hexavalent Chromium by Ion Chromatography

SOP: SANA-WC-0009

Analytical Method: 7199 ✓

218.6

IC File: CrVI051207

Calibration Check Standards (ug/L)

ICV 7.5

CCV 15

Analyst: YZ

Reviewer/Date: 5/18/07

Batch(s): 7134251 7134280

								EPA 218.6	SW 7199	SW 7199		
				For Soil Sample Data Reduction					Water	Soil		
Date/Time Collected	Dilution Factor	Injection Number	Sample Name	Beaker Number	Sample Name	Wet Sample Weight (g)		Cr+6 ug/L	Average Cr+6 mg/L	Total Cr+6 mg/Kg	RPD <20% for 7199	Calibration Check % Recovery ICV/CCV
5/12/07 17:20	5	55	JWQ98		#N/A	#N/A						
5/12/07 17:30	5	56	JWQ98		#N/A	#N/A			0.00000	#N/A	#DIV/0!	
5/12/07 17:39	5	57	JWQ97 spkd 5 ppb		#N/A	#N/A		50.16093841				
5/12/07 17:49	5	58	JWQ97 spkd 5 ppb		#N/A	#N/A		47.7135158	0.04894	#N/A	5.00115	
5/12/07 17:58	100	59	JWTLL		#N/A	#N/A						
5/12/07 18:08	100	60	JWTLL		#N/A	#N/A			0.00000	#N/A	#DIV/0!	
5/12/07 18:17	100	61	JWTLL spkd 5 ppb		#N/A	#N/A		501.6864709				
5/12/07 18:27	100	62	JWTLL spkd 5 ppb		#N/A	#N/A		500.515831	0.50110	#N/A	0.23361	
5/12/07 18:36	1	63	CCV 15.0 ppb		#N/A	#N/A		15.09822388				100.7
5/12/07 18:46	1	64	CCB		#N/A	#N/A			0.00755	#N/A	100.00000	
5/12/07 18:55	20	65	JWTLL spkd 5 ppb		#N/A	#N/A		45.10216579				
5/12/07 19:04	20	66	JWTLL spkd 5 ppb		#N/A	#N/A		36.86950825	0.04099	#N/A	20.08659	
5/12/07 19:14	100	67	JWTL3		#N/A	#N/A						
5/12/07 19:23	100	68	JWTL3		#N/A	#N/A			0.00000	#N/A	#DIV/0!	
5/12/07 19:33	100	69	JWTL3 spkd 5 ppb		#N/A	#N/A		506.15899				
5/12/07 19:42	100	70	JWTL3 spkd 5 ppb		#N/A	#N/A		508.1921782	0.50718	#N/A	0.40088	
5/12/07 19:52	20	71	JWTL3 spkd 5 ppb		#N/A	#N/A		37.5631303				
5/12/07 20:01	20	72	JWTL3 spkd 5 ppb		#N/A	#N/A		40.20367172	0.03888	#N/A	6.79092	
5/12/07 20:11	1	73	LCS 7.50 ppb		#N/A	#N/A		7.712447972				
5/12/07 20:20	1	74	MB 051207		#N/A	#N/A			0.00386	#N/A	100.00000	
5/12/07 20:30	1	75	CCV 15.0 ppb		#N/A	#N/A		15.0419837				100.3
5/12/07 20:39	1	76	CCB		#N/A	#N/A			0.00752	#N/A	100.00000	
					#N/A	#N/A						
					#N/A	#N/A			0.00000	#N/A	#DIV/0!	
					#N/A	#N/A						
					#N/A	#N/A			0.00000	#N/A	#DIV/0!	
					#N/A	#N/A						

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RQC050

Severn Trent Laboratories, Inc.
WET CHEM BATCHSHEET

Run Date: 5/15/07
Time: 9:53:56

STL Los Angeles

PRODUCTION FIGURES - WET CHEM

TOTAL NUMBER	SAMPLE NUMBER	QC	RE-RUN MATRIX	RE-RUN OTHER	MISC NUMBER	TOTAL HOURS	EXPANDED DELIVERABLE

METHOD: 2X Chromium, Hexavalent by Ion Chromatography (7199)
QC BATCH #: **7134251**
PREP DATE: 5/12/07 7:52
COMP DATE: 5/12/07 7:52
USER: ZAKHRABY

INITIALS:
PREP _____
ANAL _____

DATA ENTRY:
INITIALS _____
DATE _____

Work Order	Lab Number	Structured Analysis	Exp. Del.	Analysis Date	Sample ID:	Sample pH	Adj. pH
JWW57-1-AA	E-7E140000-251-B	XX I 87 2X 01			INTRA-LAB BLANK		
JWW57-1-AC	E-7E140000-251-C	XX I 87 2X 01			INTRA-LAB CHECK		
JWQ97-1-AA	F-7E110199-004	XX I 87 2X 01	Y-D	5/10 14:50	M5A-L	5/12 17:11 7.16	9.31
JWQ98-1-AA	F-7E110199-005	XX I 87 2X 01	Y-D	5/10 14:55	M5A-F	5/12 17:30 7.20	9.43
JW0FH-1-AA	F-7E150119-001	XX I 87 2X 01	Y-D	5/11 13:25	M11-F	5/12 12:07 8.08	9.33
JW0FP-1-AA	F-7E150119-002	XX I 87 2X 01	Y-D	13:20	M11-Z	13:24 7.98	9.40
JW0FP-1-AC	F-7E150119-002-S	XX I 87 2X 01	Y-D	13:30	M11-Z	7.98	9.40
JW0FP-1-AD	F-7E150119-002-X	XX I 87 2X 01	Y-D	13:20	M11-Z DUP	16:14 7.98	9.40
JW0FR-1-AA	F-7E150119-003	XX I 87 2X 01	Y-D	13:35	M89-L	13:43 7.21	9.55
JW0FV-1-AA	F-7E150119-004	XX I 87 2X 01	Y-D	13:40	M89-F	16:22 7.12	9.50
JW0FX-1-AA	F-7E150119-005	XX I 87 2X 01	Y-D	13:45	M89-Z	14:21 7.50	9.43
JW0F0-1-AA	F-7E150119-006	XX I 87 2X 01	Y-D	14:10	M97-L	5/12 14:40 7.50	9.38
JW0F2-1-AA	F-7E150119-007	XX I 87 2X 01	Y-D	14:15	M97-F	15:18 7.56	9.46
JW0F4-1-AA	F-7E150119-008	XX I 87 2X 01	Y-D	14:20	M97-Z	15:37 7.48	9.42
JW0F5-1-AA	F-7E150119-009	XX I 87 2X 01	Y-D	12:35	M12A-L	11:10 7.90	9.55
JW0F7-1-AA	F-7E150119-010	XX I 87 2X 01	Y-D	13:00	M12A-F	12:47 7.95	9.51
JW0F8-1-AA	F-7E150119-011	XX I 87 2X 01	Y-D	12:50	M12A-Z	11:48 7.86	9.48
JW0GA-1-AA	F-7E150119-012	XX I 87 2X 01	Y-D	14:35	EB051107-Z	15:56 4.90	9.35

Control Limits

Application Name:MASSBAT32
Report Name:Work Order Backlog
Page: 1
Run Date:Tuesday, May 15 2007 08:47:47

Day	ExpDate	DueDate	XRef	WorkOrder	Lot	Smp	Sfx	Mat	Prep	Mth	QC	SampDate	SampTime
-5		2007/05/24	CR+6DS	JWP001AD	A7E100375	022		I	87	2X	01	05/09/07	14:20
-5		2007/05/24	CR+6DS	JWP0X1AD	A7E100375	021		I	87	2X	01	05/09/07	15:10
-3		2007/05/28	CR+6DS	JW0F01AA	F7E150119	006		I	87	2X	01	05/11/07	14:10
-3		2007/05/28	CR+6DS	JW0F21AA	F7E150119	007		I	87	2X	01	05/11/07	14:15
-3		2007/05/28	CR+6DS	JW0F41AA	F7E150119	008		I	87	2X	01	05/11/07	14:20
-3		2007/05/28	CR+6DS	JW0F51AA	F7E150119	009		I	87	2X	01	05/11/07	12:35
-3		2007/05/28	CR+6DS	JW0F71AA	F7E150119	010		I	87	2X	01	05/11/07	13:00
-3		2007/05/28	CR+6DS	JW0F81AA	F7E150119	011		I	87	2X	01	05/11/07	12:50
-3		2007/05/28	CR+6DS	JW0FH1AA	F7E150119	001		I	87	2X	01	05/11/07	13:25
-3		2007/05/28	CR+6DS	JW0FP1AA	F7E150119	002		I	87	2X	01	05/11/07	13:20
-3		2007/05/28	CR+6DS	JW0FR1AA	F7E150119	003		I	87	2X	01	05/11/07	13:35
-3		2007/05/28	CR+6DS	JW0FV1AA	F7E150119	004		I	87	2X	01	05/11/07	13:40
-3		2007/05/28	CR+6DS	JW0FX1AA	F7E150119	005		I	87	2X	01	05/11/07	13:45
-3		2007/05/28	CR+6DS	JW0GA1AA	F7E150119	012		I	87	2X	01	05/11/07	14:35
0		2007/05/24	CR+6DS	JWX401AK	E7E140192	003		I	87	2X	01	05/14/07	11:25
0		2007/05/24	CR+6DS	JWX421AK	E7E140192	005		I	87	2X	01	05/14/07	14:45
0		2007/05/24	CR+6DS	JWX431AK	E7E140192	006		I	87	2X	01	05/14/07	16:30

Schedule File: C:\PeakNet\schedule\Cr VI Schedule\crvi 051207.SCH

Line	Sample	Sample Type	Level	Method	Data File	Volume	Dilution	Comment
1	ICV/LCS 7.50 ppb	Sample		crvi 050107a.met	crvi051207_001.dxd	1	1	
2	ICB/MB 051207	Sample		crvi 050107a.met	crvi051207_002.dxd	1	1	
3	JWTLL	Sample		crvi 050107a.met	crvi051207_003.dxd	1	20	
4	JWTLL	Sample		crvi 050107a.met	crvi051207_004.dxd	1	20	
5	JWTL3	Sample		crvi 050107a.met	crvi051207_005.dxd	1	20	
6	JWTL3	Sample		crvi 050107a.met	crvi051207_006.dxd	1	20	
7	JWTGA	Sample		crvi 050107a.met	crvi051207_007.dxd	1	1	
8	JWTGA	Sample		crvi 050107a.met	crvi051207_008.dxd	1	1	
9	JWTGAX	Sample		crvi 050107a.met	crvi051207_009.dxd	1	1	
10	JWTGAX	Sample		crvi 050107a.met	crvi051207_010.dxd	1	1	
11	JWTGAS	Sample		crvi 050107a.met	crvi051207_011.dxd	1	1	
12	JWTGAS	Sample		crvi 050107a.met	crvi051207_012.dxd	1	1	
13	CCV 15.0 ppb REF.	Sample		crvi 050107a.met	crvi051207_013.dxd	1	1	
14	CCB	Sample		crvi 050107a.met	crvi051207_014.dxd	1	1	
15	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051207_015.dxd	1	1	
16	CCB	Sample		crvi 050107a.met	crvi051207_016.dxd	1	1	
17	JW0F5	Sample		crvi 050107a.met	crvi051207_017.dxd	1	2500	
18	JW0F5	Sample		crvi 050107a.met	crvi051207_018.dxd	1	2500	
19	JW0F7 REF.	Sample		crvi 050107a.met	crvi051207_019.dxd	1	2500	
20	JW0F7 REF.	Sample		crvi 050107a.met	crvi051207_020.dxd	1	2500	
21	JW0F8	Sample		crvi 050107a.met	crvi051207_021.dxd	1	2500	
22	JW0F8	Sample		crvi 050107a.met	crvi051207_022.dxd	1	2500	
23	JW0FH	Sample		crvi 050107a.met	crvi051207_023.dxd	1	125	
24	JW0FH	Sample		crvi 050107a.met	crvi051207_024.dxd	1	125	
25	JW0F7	Sample		crvi 050107a.met	crvi051207_025.dxd	1	2500	
26	JW0F7	Sample		crvi 050107a.met	crvi051207_026.dxd	1	2500	
27	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051207_027.dxd	1	1	
28	CCB	Sample		crvi 050107a.met	crvi051207_028.dxd	1	1	
29	JW0FP	Sample		crvi 050107a.met	crvi051207_029.dxd	1	125	
30	JW0FP	Sample		crvi 050107a.met	crvi051207_030.dxd	1	125	
31	JW0FR	Sample		crvi 050107a.met	crvi051207_031.dxd	1	2500	
32	JW0FR	Sample		crvi 050107a.met	crvi051207_032.dxd	1	2500	
33	JW0FV	Sample		crvi 050107a.met	crvi051207_033.dxd	1	2500	
34	JW0FV	Sample		crvi 050107a.met	crvi051207_034.dxd	1	2500	
35	JW0FX	Sample		crvi 050107a.met	crvi051207_035.dxd	1	2500	
36	JW0FX	Sample		crvi 050107a.met	crvi051207_036.dxd	1	2500	
37	JW0F0	Sample		crvi 050107a.met	crvi051207_037.dxd	1	5	
38	JW0F0	Sample		crvi 050107a.met	crvi051207_038.dxd	1	5	
39	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051207_039.dxd	1	1	
40	CCB	Sample		crvi 050107a.met	crvi051207_040.dxd	1	1	
41	JW0F2	Sample		crvi 050107a.met	crvi051207_041.dxd	1	5	
42	JW0F2	Sample		crvi 050107a.met	crvi051207_042.dxd	1	5	
43	JW0F4	Sample		crvi 050107a.met	crvi051207_043.dxd	1	5	
44	JW0F4	Sample		crvi 050107a.met	crvi051207_044.dxd	1	5	
45	JW0GA	Sample		crvi 050107a.met	crvi051207_045.dxd	1	1	
46	JW0GA	Sample		crvi 050107a.met	crvi051207_046.dxd	1	1	
47	JW0FPX	Sample		crvi 050107a.met	crvi051207_047.dxd	1	125	
48	JW0FPX	Sample		crvi 050107a.met	crvi051207_048.dxd	1	125	
49	JW0FPS	Sample		crvi 050107a.met	crvi051207_049.dxd	1	200	
50	JW0FPS	Sample		crvi 050107a.met	crvi051207_050.dxd	1	200	
51	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051207_051.dxd	1	1	
52	CCB	Sample		crvi 050107a.met	crvi051207_052.dxd	1	1	

Schedule File: C:\PeakNet\schedule\CrVI Schedule\crvi 051207.SCH

Line	Sample	Sample Type	Level	Method	Data File	Volume	Dilution	Comment
53	JWQ97	Sample		crvi 050107a.met	crvi051207_053.dxd	1	5	
54	JWQ97	Sample		crvi 050107a.met	crvi051207_054.dxd	1	5	
55	JWQ98	Sample		crvi 050107a.met	crvi051207_055.dxd	1	5	
56	JWQ98	Sample		crvi 050107a.met	crvi051207_056.dxd	1	5	
57	JWQ97 spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_057.dxd	1	5	
58	JWQ97 spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_058.dxd	1	5	
59	JWTLL	Sample		crvi 050107a.met	crvi051207_059.dxd	1	100	
60	JWTLL	Sample		crvi 050107a.met	crvi051207_060.dxd	1	100	
61	JWTLL spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_061.dxd	1	100	
62	JWTLL spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_062.dxd	1	100	
63	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051207_063.dxd	1	1	
64	CCB	Sample		crvi 050107a.met	crvi051207_064.dxd	1	1	
65	JWTLL spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_065.dxd	1	20	
66	JWTLL spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_066.dxd	1	20	
67	JWTL3	Sample		crvi 050107a.met	crvi051207_067.dxd	1	100	
68	JWTL3	Sample		crvi 050107a.met	crvi051207_068.dxd	1	100	
69	JWTL3 spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_069.dxd	1	100	
70	JWTL3 spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_070.dxd	1	100	
71	JWTL3 spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_071.dxd	1	20	
72	JWTL3 spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_072.dxd	1	20	
73	LCS 7.50 ppb	Sample		crvi 050107a.met	crvi051207_073.dxd	1	1	
74	MB 051207	Sample		crvi 050107a.met	crvi051207_074.dxd	1	1	
75	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051207_075.dxd	1	1	
76	CCB	Sample		crvi 050107a.met	crvi051207_076.dxd	1	1	

Default Method Path: C:\PEAKNET\METHOD
Default Data Path: C:\PEAKNET\CRVI\CRVI 2
Comment:

Schedule File: C:\PeakNet\schedule\Cr VI Schedule\crvi 051207.SCH

Line	Sample	Sample Type	Level	Method	Data File	Volume	Dilution	Comment
1	ICV/LCS 7.50 ppb	Sample		crvi 050107a.met	crvi051207_001.dxd	1	1	
2	ICB/MB 051207	Sample		crvi 050107a.met	crvi051207_002.dxd	1	1	
3	JWTLL	Sample		crvi 050107a.met	crvi051207_003.dxd	1	20	
4	JWTLL	Sample		crvi 050107a.met	crvi051207_004.dxd	1	20	
5	JWTL3	Sample		crvi 050107a.met	crvi051207_005.dxd	1	20	
6	JWTL3	Sample		crvi 050107a.met	crvi051207_006.dxd	1	20	
7	JWTGA	Sample		crvi 050107a.met	crvi051207_007.dxd	1	1	
8	JWTGA	Sample		crvi 050107a.met	crvi051207_008.dxd	1	1	
9	JWTGAX	Sample		crvi 050107a.met	crvi051207_009.dxd	1	1	
10	JWTGAX	Sample		crvi 050107a.met	crvi051207_010.dxd	1	1	
11	JWTGAS	Sample		crvi 050107a.met	crvi051207_011.dxd	1	1	
12	JWTGAS	Sample		crvi 050107a.met	crvi051207_012.dxd	1	1	
13	CCV 15.0 ppb REF.	Sample		crvi 050107a.met	crvi051207_013.dxd	1	1	
14	CCB	Sample		crvi 050107a.met	crvi051207_014.dxd	1	1	
15	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051207_015.dxd	1	1	
16	CCB	Sample		crvi 050107a.met	crvi051207_016.dxd	1	1	
17	M12A-L	Sample		crvi 050107a.met	crvi051207_017.dxd	1	2500	
18	M12A-L	Sample		crvi 050107a.met	crvi051207_018.dxd	1	2500	
19	M12A-F	Sample		crvi 050107a.met	crvi051207_019.dxd	1	2500	
20	M12A-F	Sample		crvi 050107a.met	crvi051207_020.dxd	1	2500	
21	M12A-Z	Sample		crvi 050107a.met	crvi051207_021.dxd	1	2500	
22	M12A-Z	Sample		crvi 050107a.met	crvi051207_022.dxd	1	2500	
23	M11-F	Sample		crvi 050107a.met	crvi051207_023.dxd	1	125	
24	M11-F	Sample		crvi 050107a.met	crvi051207_024.dxd	1	125	
25	M12A-F	Sample		crvi 050107a.met	crvi051207_025.dxd	1	2500	
26	M12A-F	Sample		crvi 050107a.met	crvi051207_026.dxd	1	2500	
27	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051207_027.dxd	1	1	
28	CCB	Sample		crvi 050107a.met	crvi051207_028.dxd	1	1	
29	M11-Z	Sample		crvi 050107a.met	crvi051207_029.dxd	1	125	
30	M11-Z	Sample		crvi 050107a.met	crvi051207_030.dxd	1	125	
31	M89-L	Sample		crvi 050107a.met	crvi051207_031.dxd	1	2500	
32	M89-L	Sample		crvi 050107a.met	crvi051207_032.dxd	1	2500	
33	M89-F	Sample		crvi 050107a.met	crvi051207_033.dxd	1	2500	
34	M89-F	Sample		crvi 050107a.met	crvi051207_034.dxd	1	2500	
35	M89-Z	Sample		crvi 050107a.met	crvi051207_035.dxd	1	2500	
36	M89-Z	Sample		crvi 050107a.met	crvi051207_036.dxd	1	2500	
37	M97-L	Sample		crvi 050107a.met	crvi051207_037.dxd	1	5	
38	M97-L	Sample		crvi 050107a.met	crvi051207_038.dxd	1	5	
39	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051207_039.dxd	1	1	
40	CCB	Sample		crvi 050107a.met	crvi051207_040.dxd	1	1	
41	M97-F	Sample		crvi 050107a.met	crvi051207_041.dxd	1	5	
42	M97-F	Sample		crvi 050107a.met	crvi051207_042.dxd	1	5	
43	M97-Z	Sample		crvi 050107a.met	crvi051207_043.dxd	1	5	
44	M97-Z	Sample		crvi 050107a.met	crvi051207_044.dxd	1	5	
45	EB051107	Sample		crvi 050107a.met	crvi051207_045.dxd	1	1	
46	EB051107	Sample		crvi 050107a.met	crvi051207_046.dxd	1	1	
47	M11-ZX	Sample		crvi 050107a.met	crvi051207_047.dxd	1	125	
48	M11-ZX	Sample		crvi 050107a.met	crvi051207_048.dxd	1	125	
49	M11-ZS	Sample		crvi 050107a.met	crvi051207_049.dxd	1	200	
50	M11-ZS	Sample		crvi 050107a.met	crvi051207_050.dxd	1	200	
51	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051207_051.dxd	1	1	
52	CCB	Sample		crvi 050107a.met	crvi051207_052.dxd	1	1	

Schedule File: C:\PeakNet\schedule\Cr VI Schedule\crvi 051207.SCH

Line	Sample	Sample Type	Level	Method	Data File	Volume	Dilution	Comment
53	JWQ97	Sample		crvi 050107a.met	crvi051207_053.dxd	1	5	
54	JWQ97	Sample		crvi 050107a.met	crvi051207_054.dxd	1	5	
55	JWQ98	Sample		crvi 050107a.met	crvi051207_055.dxd	1	5	
56	JWQ98	Sample		crvi 050107a.met	crvi051207_056.dxd	1	5	
57	JWQ97 spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_057.dxd	1	5	
58	JWQ97 spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_058.dxd	1	5	
59	JWTLL	Sample		crvi 050107a.met	crvi051207_059.dxd	1	100	
60	JWTLL	Sample		crvi 050107a.met	crvi051207_060.dxd	1	100	
61	JWTLL spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_061.dxd	1	100	
62	JWTLL spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_062.dxd	1	100	
63	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051207_063.dxd	1	1	
64	CCB	Sample		crvi 050107a.met	crvi051207_064.dxd	1	1	
65	JWTLL spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_065.dxd	1	20	
66	JWTLL spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_066.dxd	1	20	
67	JWTL3	Sample		crvi 050107a.met	crvi051207_067.dxd	1	100	
68	JWTL3	Sample		crvi 050107a.met	crvi051207_068.dxd	1	100	
69	JWTL3 spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_069.dxd	1	100	
70	JWTL3 spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_070.dxd	1	100	
71	JWTL3 spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_071.dxd	1	20	
72	JWTL3 spkd 5 ppb	Sample		crvi 050107a.met	crvi051207_072.dxd	1	20	
73	LCS 7.50 ppb	Sample		crvi 050107a.met	crvi051207_073.dxd	1	1	
74	MB 051207	Sample		crvi 050107a.met	crvi051207_074.dxd	1	1	
75	CCV 15.0 ppb	Sample		crvi 050107a.met	crvi051207_075.dxd	1	1	
76	CCB	Sample		crvi 050107a.met	crvi051207_076.dxd	1	1	

Default Method Path: C:\PEAKNET\METHOD
Default Data Path: C:\PEAKNET\CRVI\CRVI 2
Comment:

STL

STL Los Angeles

Hexavalent Chromium by Ion Chromatography
Standards and Reagent Log

Method EPA 218.6 _____ SW 846 7199 ✓
Analyst: _____
Date: 5/12/07

Reagent Lot Numbers/Expiration Dates

Chromatographic Eluent: 2007-17-3-41 / 5/11/08
Post-column Reagent: 2007-17-4-43 / 5/15/07
Buffer Solution: 2007-17-1-1 / 1/2/08
Dilution Water: 2 liters of DI water adjusted to a pH of 9.0 to 9.5 with buffer solution.
Final pH: 9.05

Preparation of Intermediate Calibration and Check (ICV/LCS) Standard:

Analyte	Stock Concentration (mg/L)	Volume of Stock (mL)	Final Volume (mL)	Final Concentration (mg/L)
Calibration	1000	0.1	1000	0.1
Check	1000	0.1	1000	0.1

Intermediate Standard Lot Numbers/Expiration Dates
Calibration Standard: 2007-17-5-19 / 5/15/07
Check (ICV/LCS) Standard: 2007-17-6-19 / 5/15/07

Preparation of Calibration and Check Standards:
All standards and blanks are prepared with dilution water at a pH of 9.0 to 9.5.

Standard Name	Standard Conc.	Source Conc. (mg/L)	Source Solution	mL of Source	Final Volume
Cal Blank	0 mg/L	NA	Dilution water	10	10 mL
Cal Std 1	0.0002 mg/L	0.1	Intermediate Calib Stock	0.02	10 mL
Cal Std 2	0.001 mg/L	0.1	Intermediate Calib Stock	0.1	10 mL
Cal Std 3	0.010 mg/L	0.1	Intermediate Calib Stock	1.0	10 mL
Cal Std 4	0.025 mg/L	0.1	Intermediate Calib Stock	2.5	10 mL
ICV/LCS	0.0075 mg/L	0.1	Intermediate ICV Stock	0.75	10 mL
ICB/CCB/MB	0 mg/L	NA	Dilution water	10	10 mL
CCV	0.015 mg/L	0.1	Intermediate Calib Stock	1.5	10 mL
MS/MSD	0.010 mg/L	0.1	Intermediate ICV Stock	1.0	10 mL Sample

STL Los Angeles Cr VI Sample Analysis Report

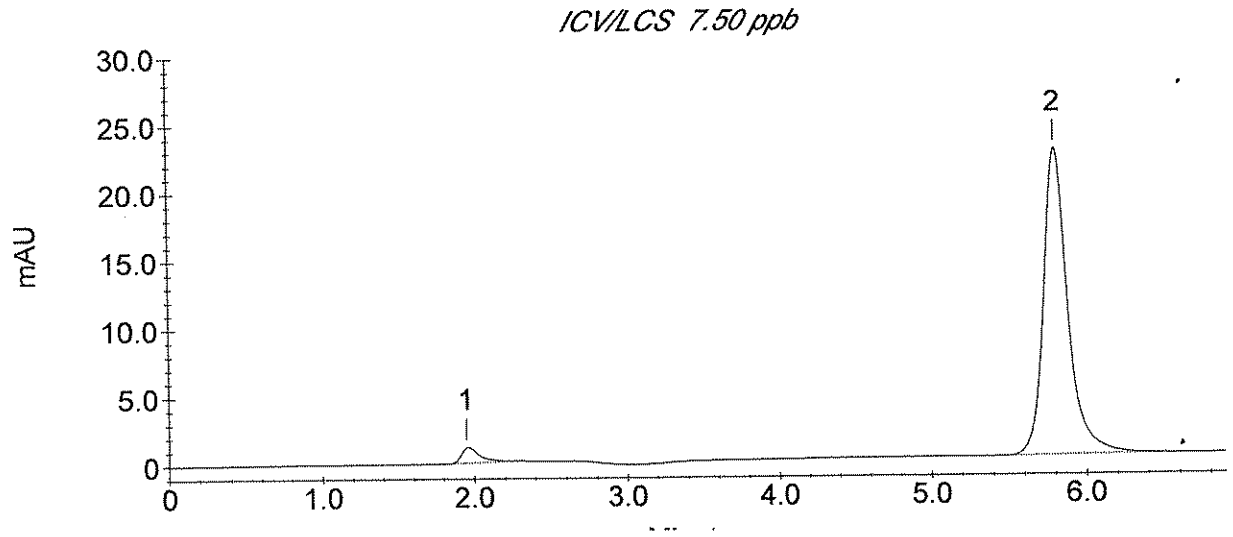
Sample Name : ICV/LCS 7.50 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_001.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 07:52:59
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 1
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9594	1106
2	CRVI	5.80	7.26	242196	22367



STL Los Angeles Cr VI Sample Analysis Report

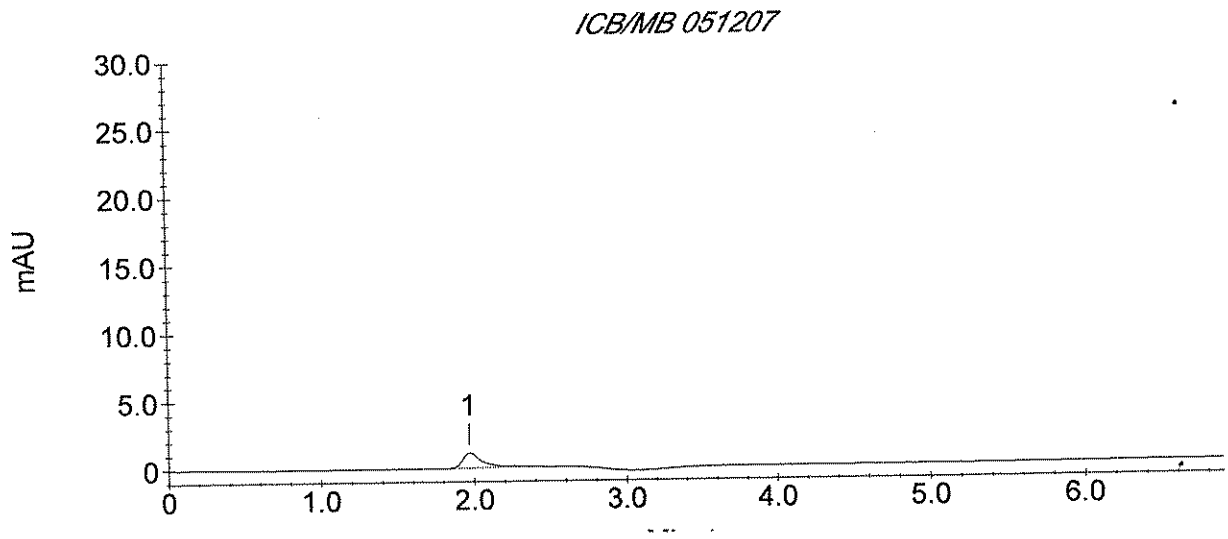
Sample Name : ICB/MB 051207
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_002.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 08:02:26
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 2
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9672	1098



STL Los Angeles Cr VI Sample Analysis Report

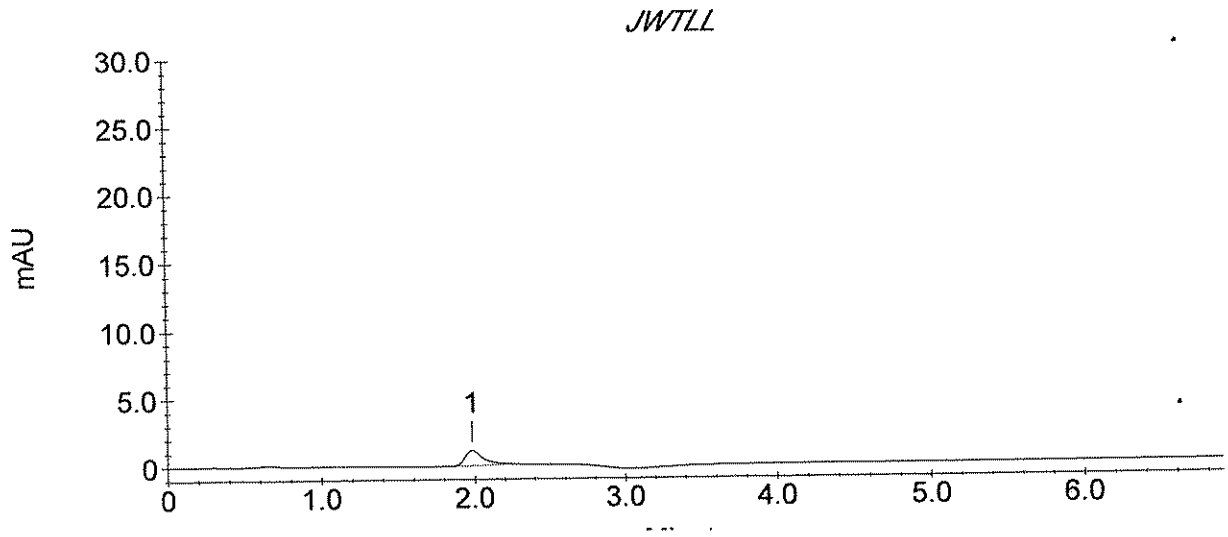
Sample Name : JWTLL
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_003.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 08:11:53
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 3
Dilution Factor : 20.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	9466	1126



STL Los Angeles Cr VI Sample Analysis Report

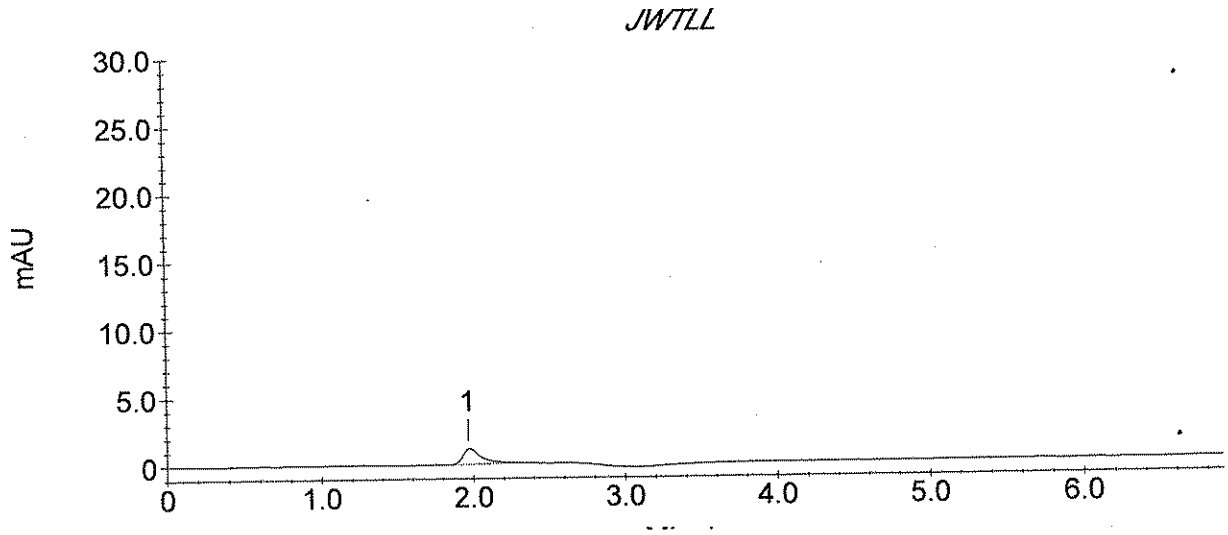
Sample Name : JWTLL
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_004.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 08:21:17
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 4
Dilution Factor : 20.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9796	1119



STL Los Angeles Cr VI Sample Analysis Report

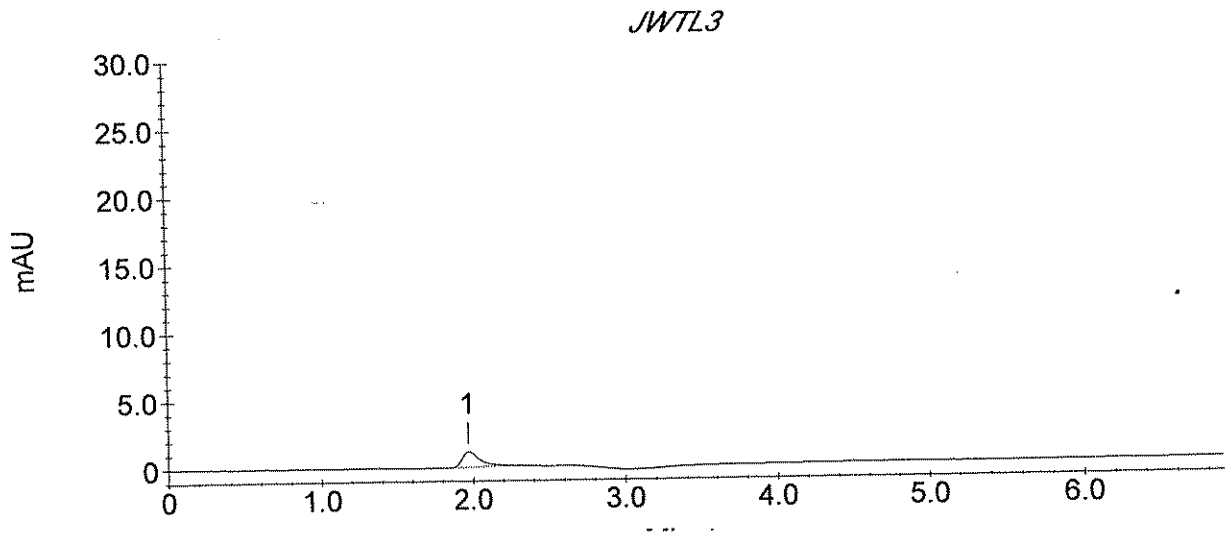
Sample Name : JWTL3
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_005.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 08:30:45
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 5
Dilution Factor : 20.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9386	1125



STL Los Angeles Cr VI Sample Analysis Report

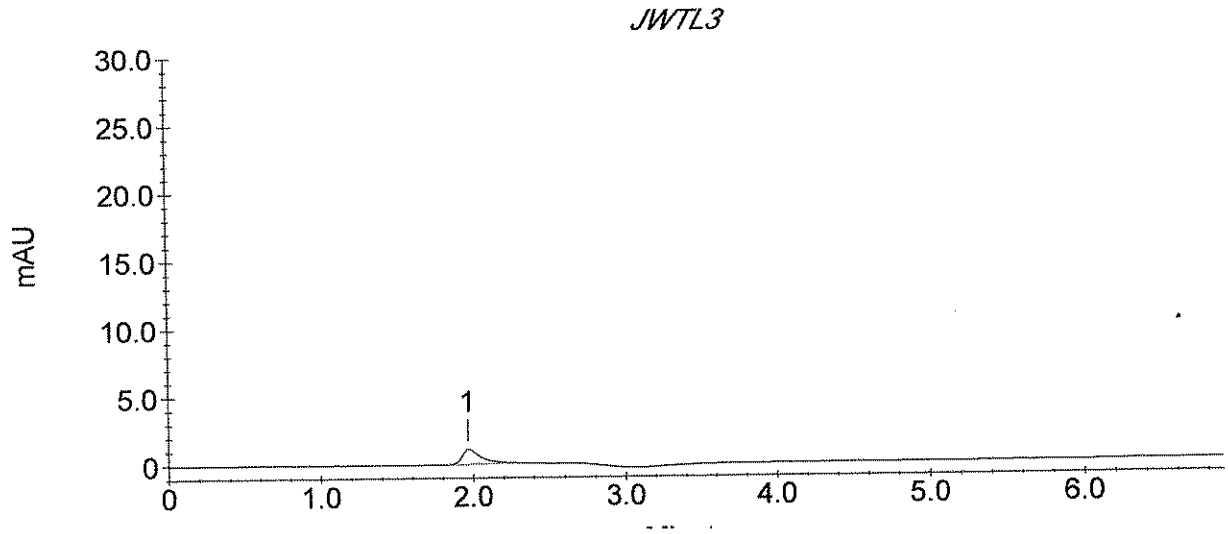
Sample Name : JWTL3
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_006.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 08:40:09
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 6
Dilution Factor : 20.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9475	1083



STL Los Angeles Cr VI Sample Analysis Report

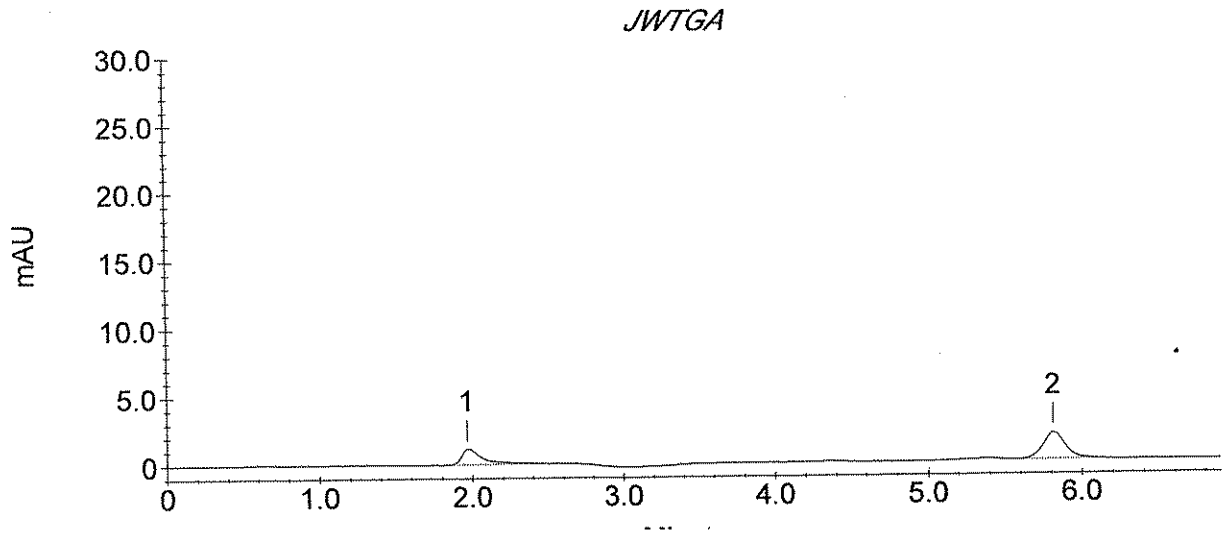
Sample Name : JWTGA
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_007.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 08:49:36
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 7
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	11165	1120
2	CRVI	5.82	0.61	19850	1927



STL Los Angeles Cr VI Sample Analysis Report

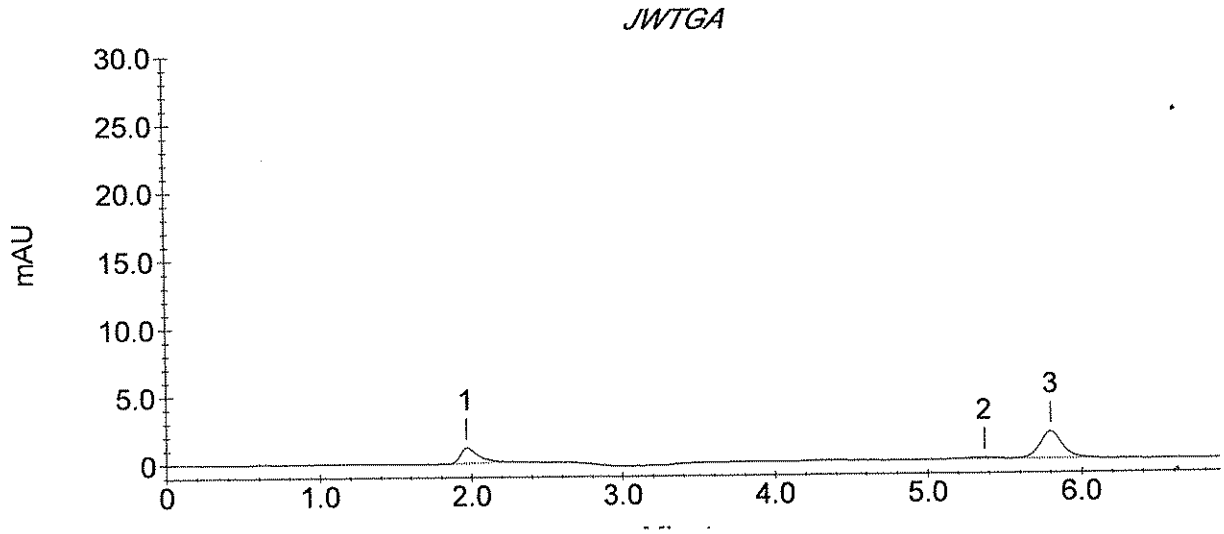
Sample Name : JWTGA
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_008.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 09:27:34
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 8
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9092	1112
2		5.37	0.00	1799	112
3	CRVI	5.80	0.63	20600	1975



STL Los Angeles Cr VI Sample Analysis Report

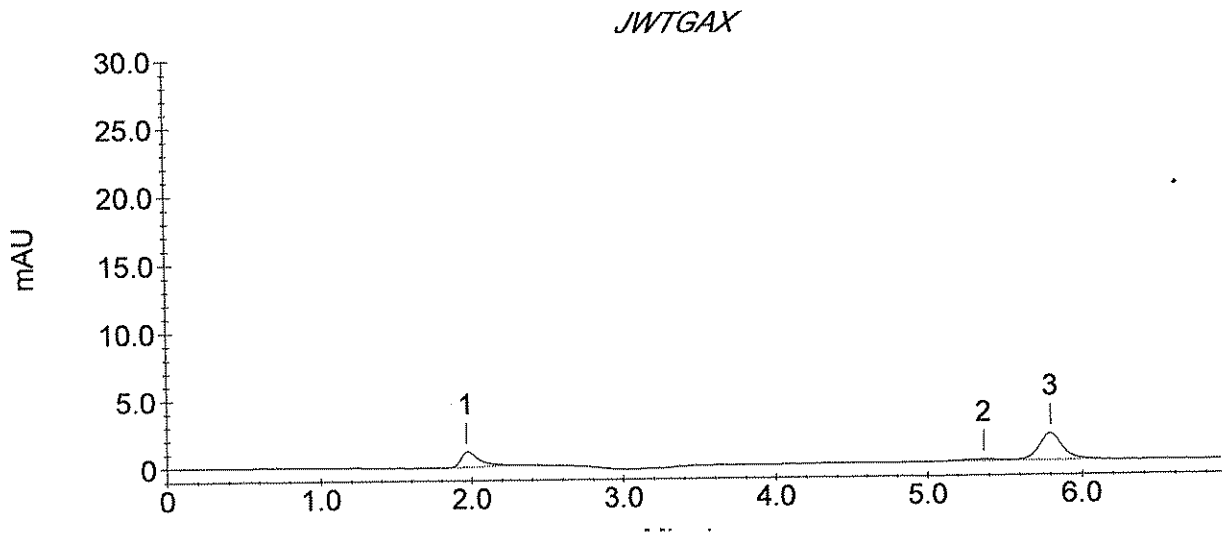
Sample Name : JWTGAX
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_009.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 09:36:59
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 9
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9881	1111
2		5.37	0.00	2208	125
3	CRVI	5.80	0.63	20641	1966



STL Los Angeles Cr VI Sample Analysis Report

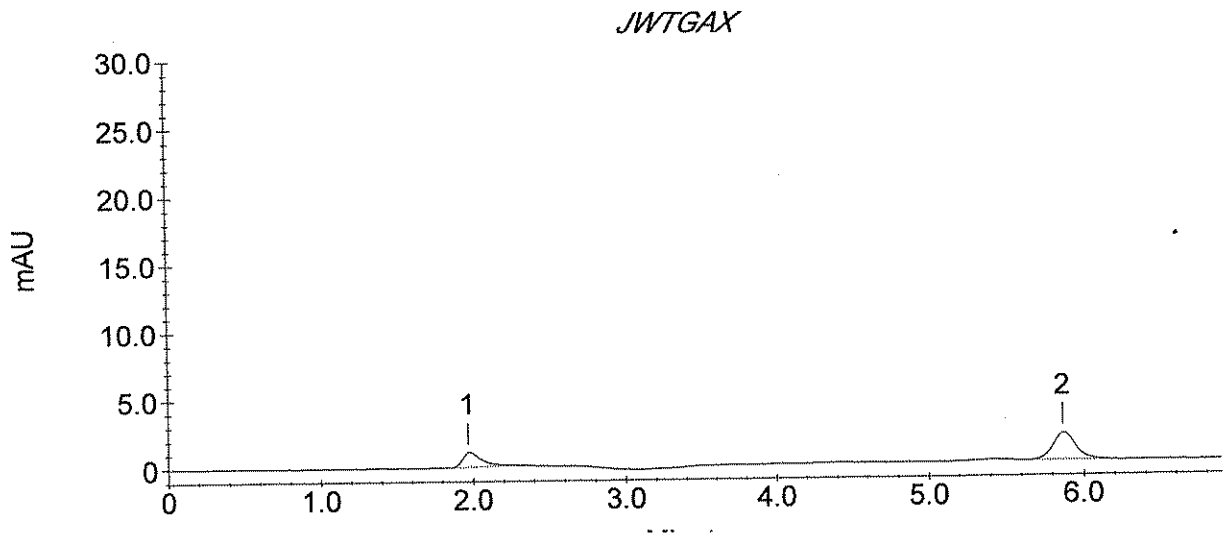
Sample Name : JWTGAX
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_010.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 09:46:27
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 10
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9376	1041
2	CRVI	5.87	0.61	20068	1946



STL Los Angeles Cr VI Sample Analysis Report

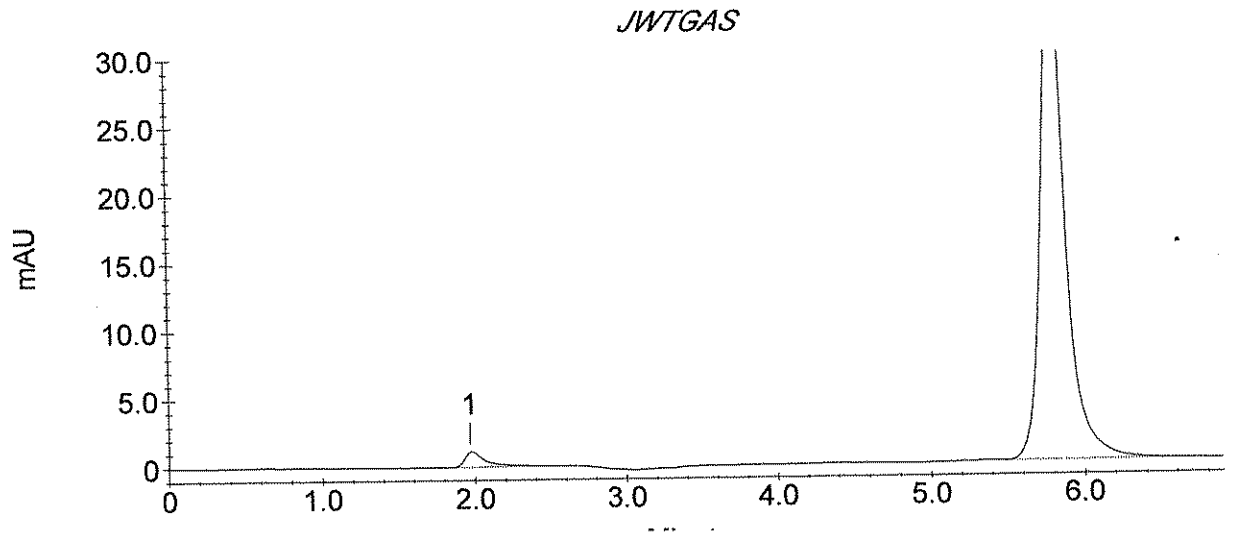
Sample Name : JWTGAS
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_011.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 09:55:51
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 11
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	11011	1110
2	CRVI	5.80	12.25	409225	37878



STL Los Angeles Cr VI Sample Analysis Report

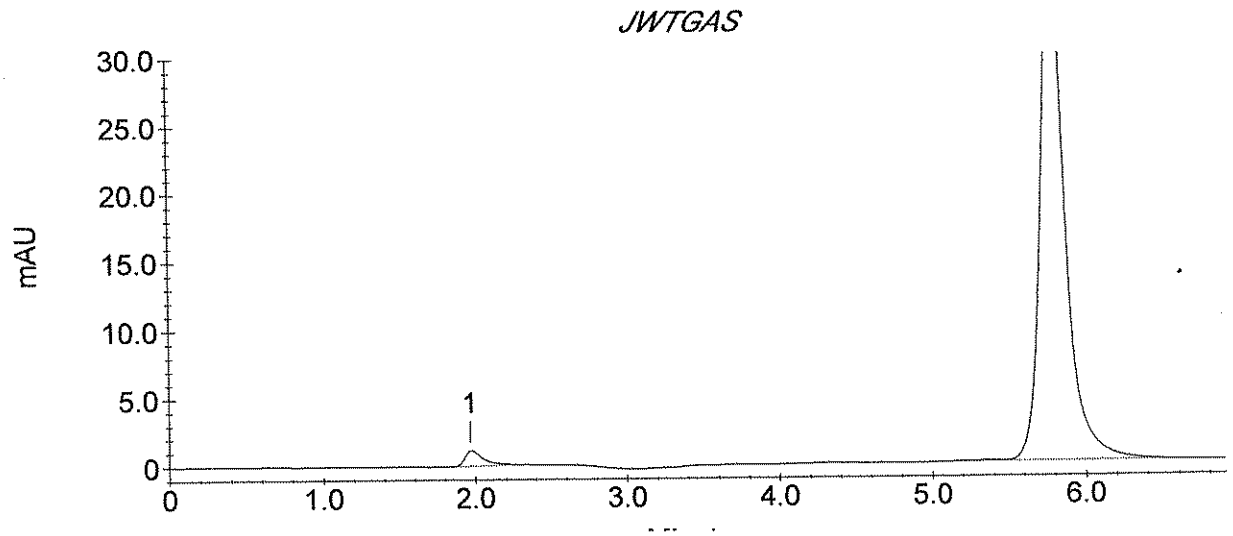
Sample Name : JWTGAS
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_012.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 10:05:20
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 12
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9902	1126
2	CRVI	5.78	12.49	417310	38142



STL Los Angeles Cr VI Sample Analysis Report

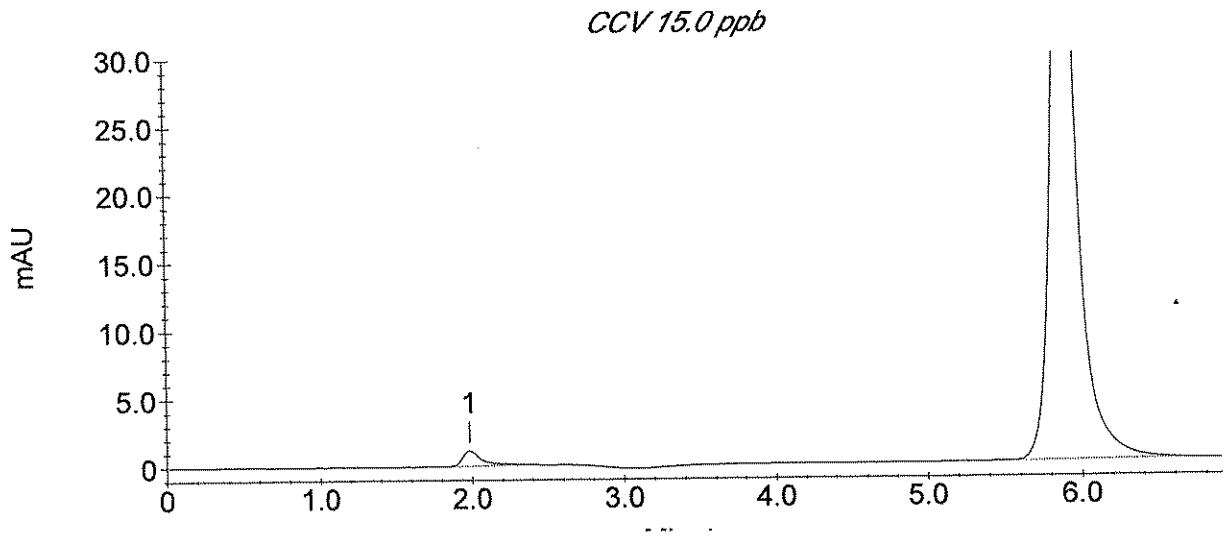
Sample Name : CCV 15.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_013.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 10:14:49
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 13
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	9960	1114
2	CRVI	5.88	16.77	560376	51000



Ref

STL Los Angeles Cr VI Sample Analysis Report

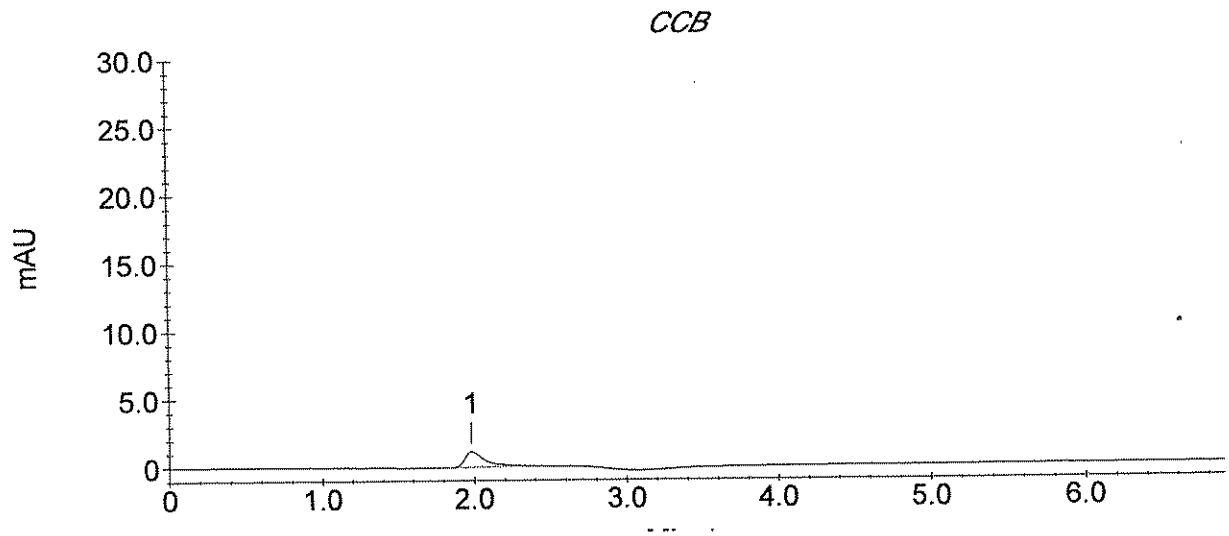
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_014.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 10:24:18
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 14
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	10275	1138



Ref

STL Los Angeles Cr VI Sample Analysis Report

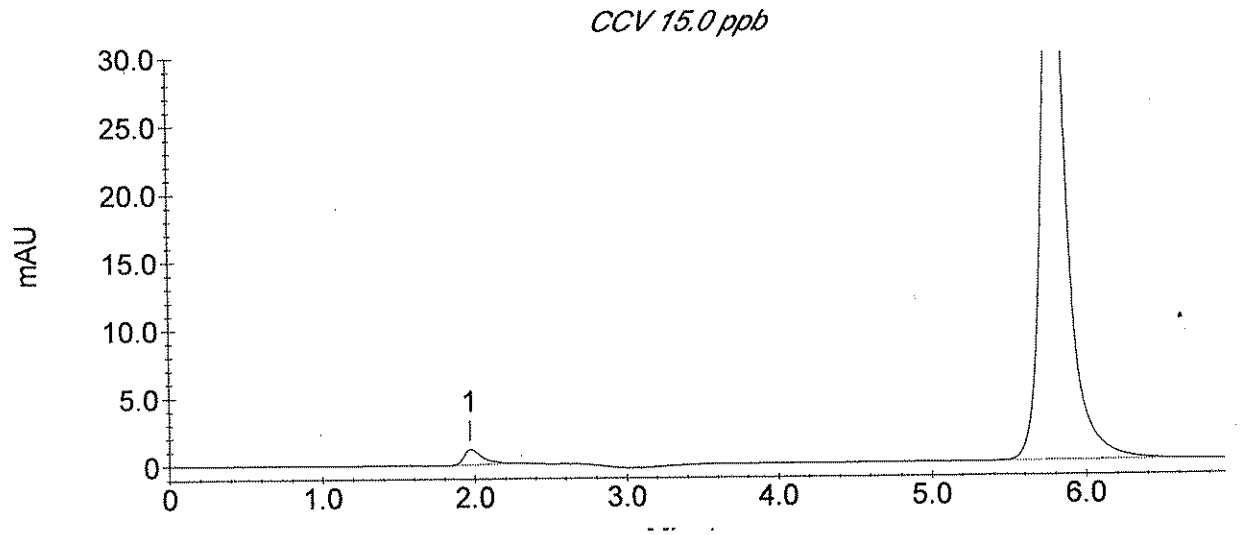
Sample Name : CCV 15.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_015.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 10:42:30
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 15
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9636	1112
2	CRVI	5.80	14.40	481125	44604



STL Los Angeles Cr VI Sample Analysis Report

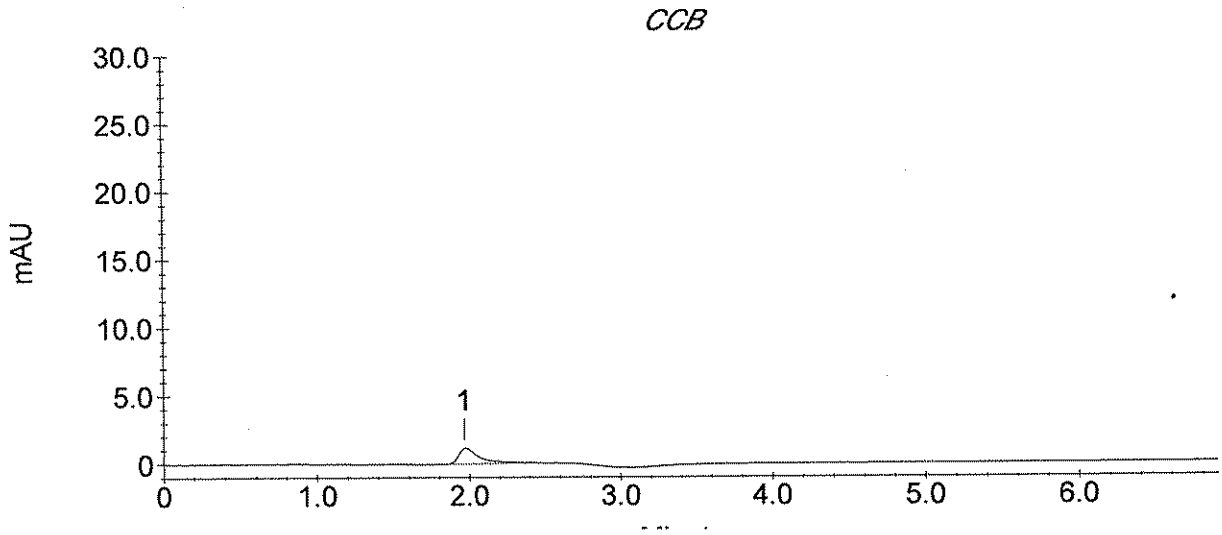
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_016.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 10:51:53
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 16
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	11363	1134



STL Los Angeles Cr VI Sample Analysis Report

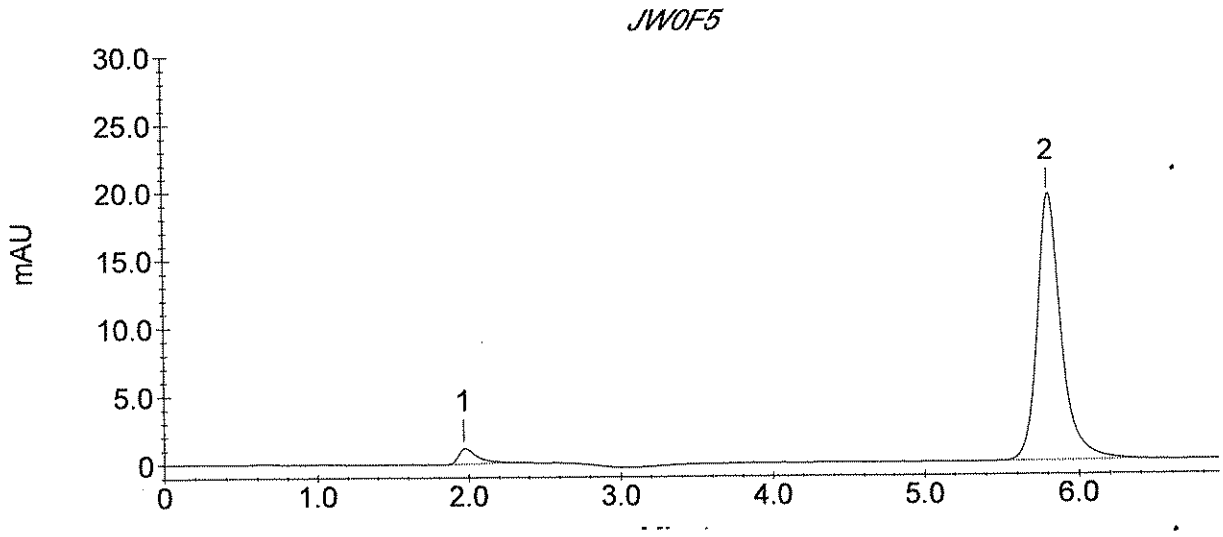
Sample Name : JW0F5
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_017.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 11:01:19
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 17
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	10235	1097
2	CRVI	5.80	15745.64	210125	19250



STL Los Angeles Cr VI Sample Analysis Report

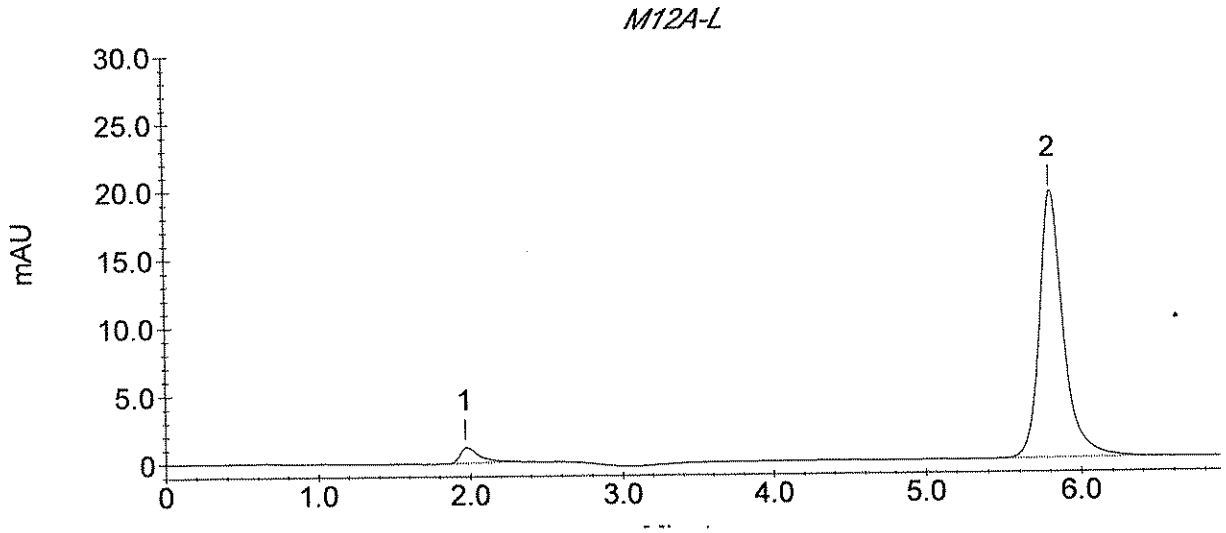
Sample Name : M12A-L
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_017.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 11:01:19
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 17
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	10235	1097
2	CRVI	5.80	15745.64	210125	19250



STL Los Angeles Cr VI Sample Analysis Report

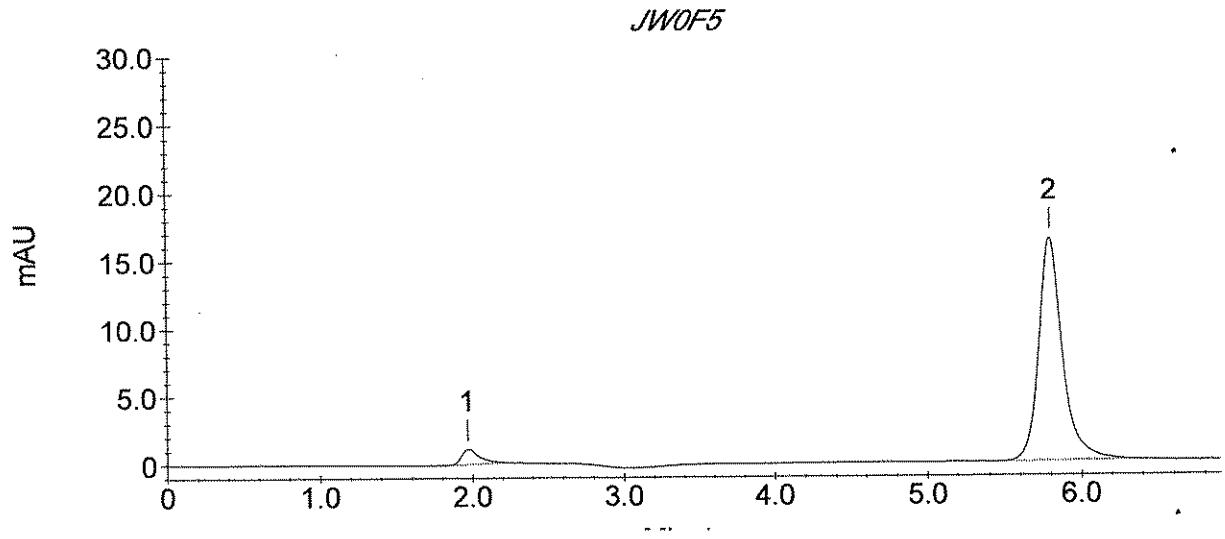
Sample Name : JW0F5
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_018.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 11:10:46
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 18
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9301	1112
2	CRVI	5.80	13170.38	175684	16379



STL Los Angeles Cr VI Sample Analysis Report

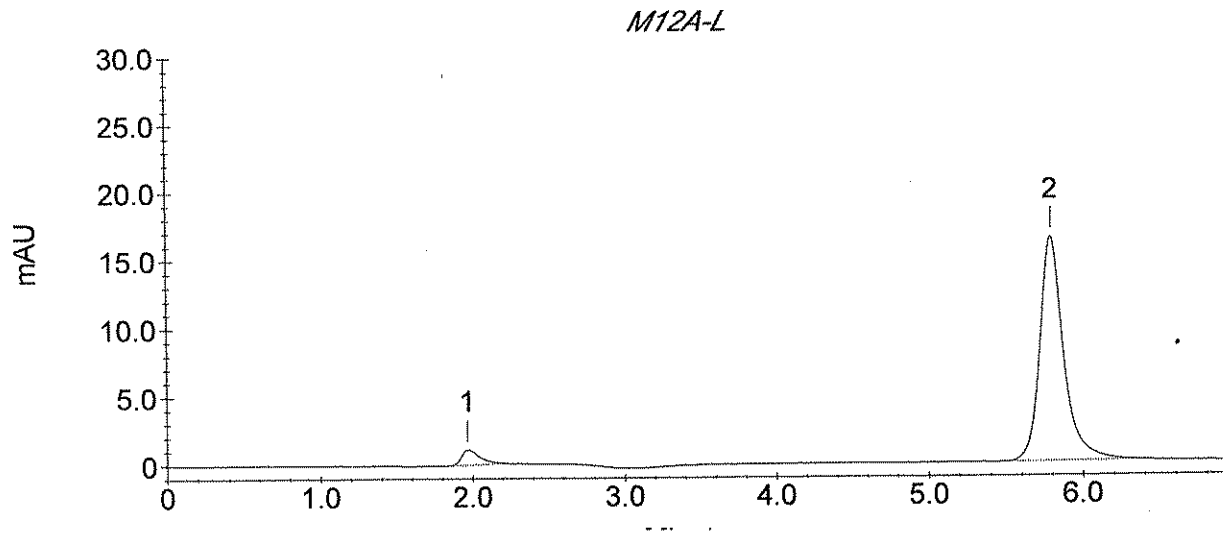
Sample Name : M12A-L
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_018.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 11:10:46
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 18
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9301	1112
2	CRVI	5.80	13170.38	175684	16379



STL Los Angeles Cr VI Sample Analysis Report

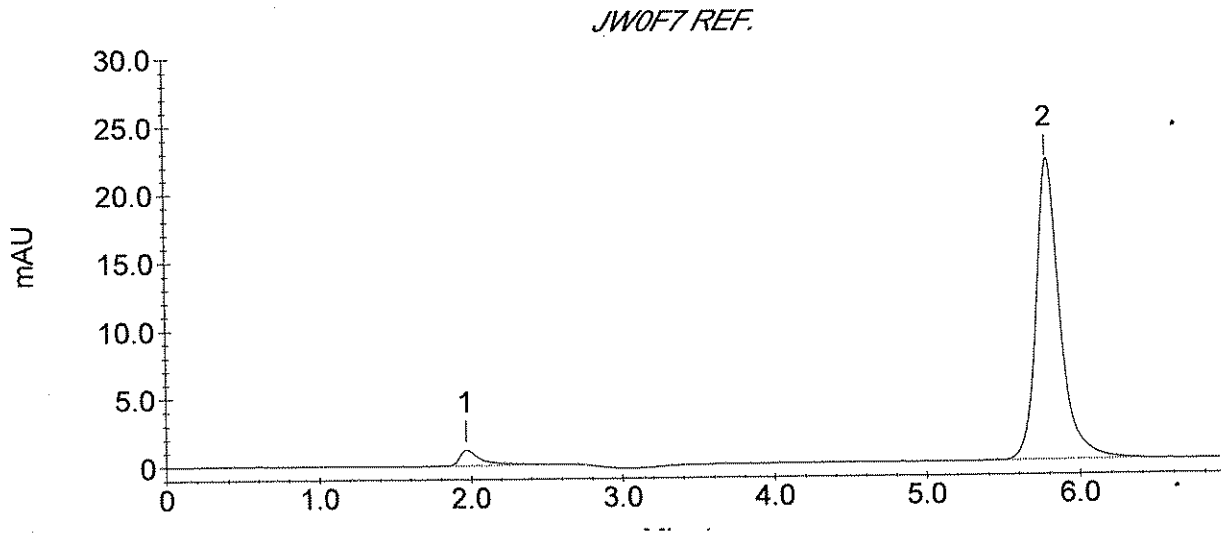
Sample Name : JW0F7 REF.
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_019.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 11:20:14
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 19
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	11535	1146
2	CRVI	5.78	17811.12	237749	21606



STL Los Angeles Cr VI Sample Analysis Report

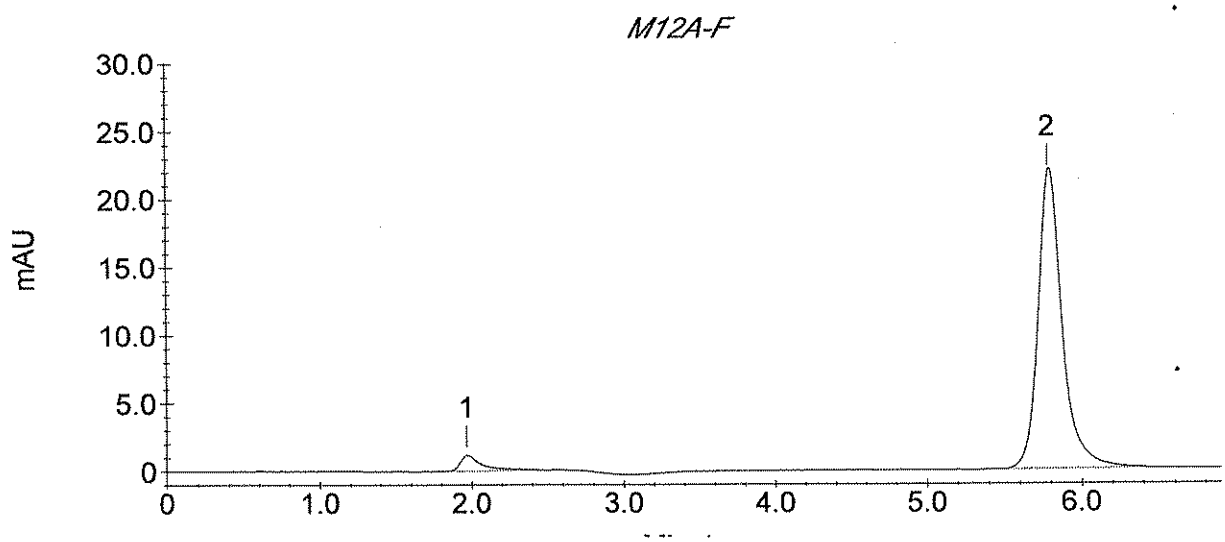
Sample Name : M12A-F
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_019.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 11:20:14
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 19
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	11535	1146
2	CRVI	5.78	17811.12	237749	21606



Ref

STL Los Angeles Cr VI Sample Analysis Report

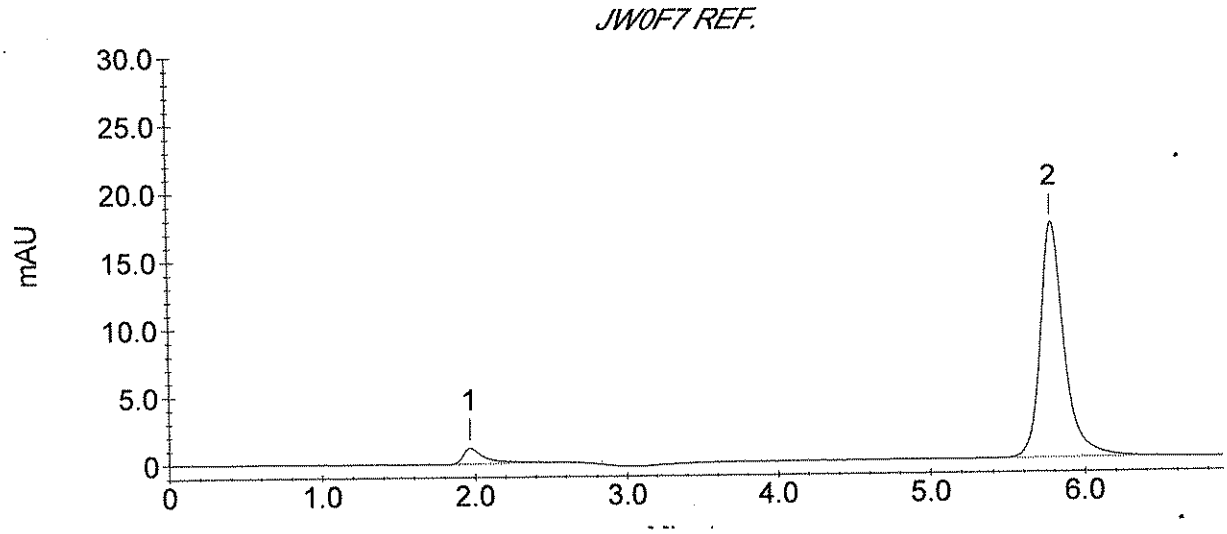
Sample Name : JW0F7 REF.
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_020.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 11:29:49
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 20
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	11523	1149
2	CRVI	5.78	13964.14	186299	17178



STL Los Angeles Cr VI Sample Analysis Report

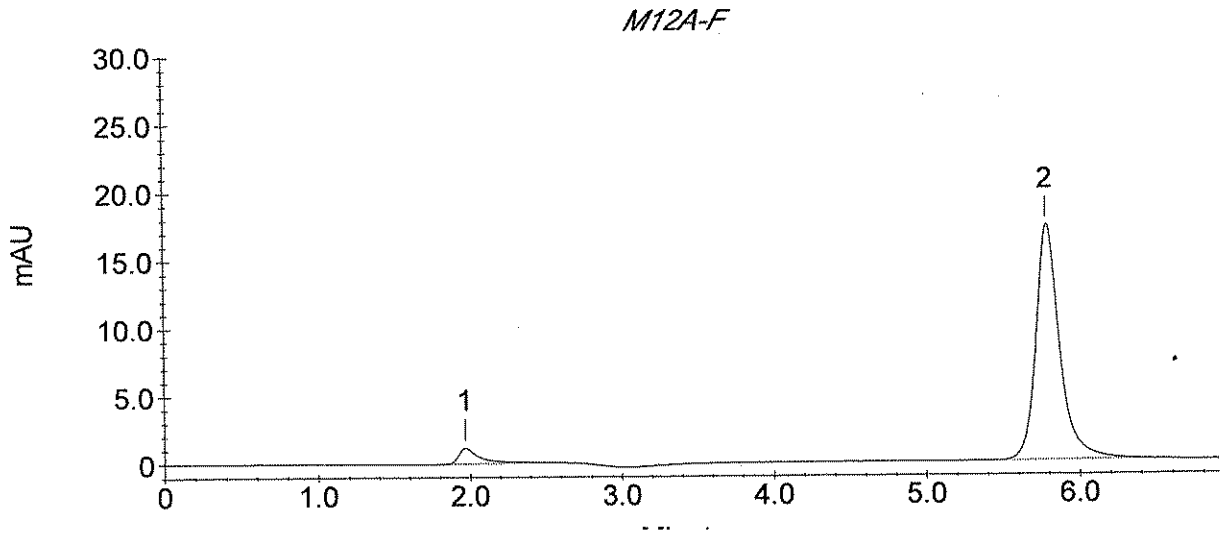
Sample Name : M12A-F
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_020.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 11:29:49
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 20
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	11523	1149
2	CRVI	5.78	13964.14	186299	17178



Ref

STL Los Angeles Cr VI Sample Analysis Report

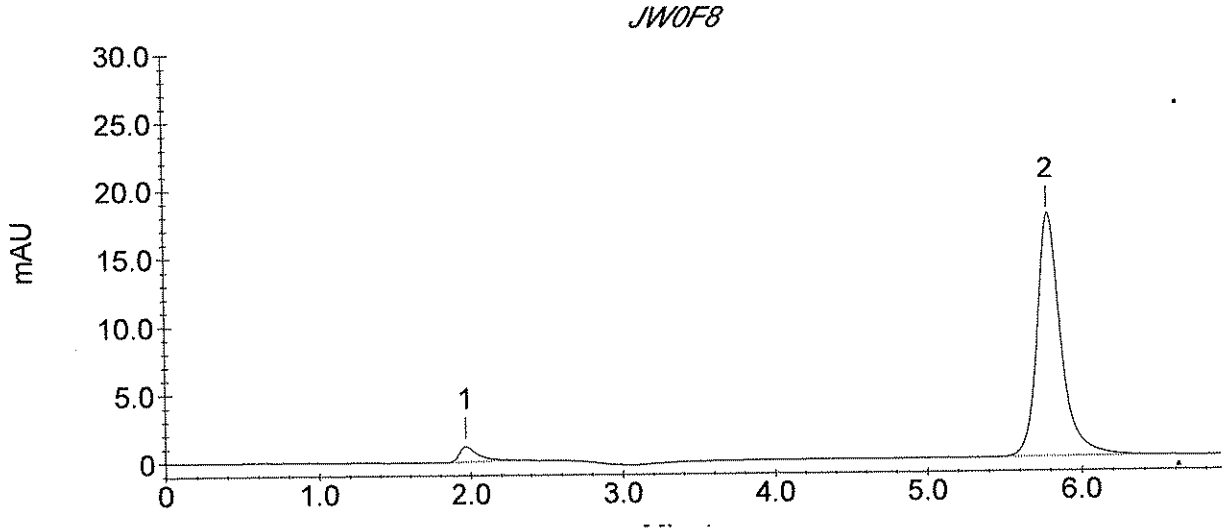
Sample Name : JW0F8
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_021.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 11:39:16
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 21
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9943	1124
2	CRVI	5.78	14370.52	191734	17575



STL Los Angeles Cr VI Sample Analysis Report

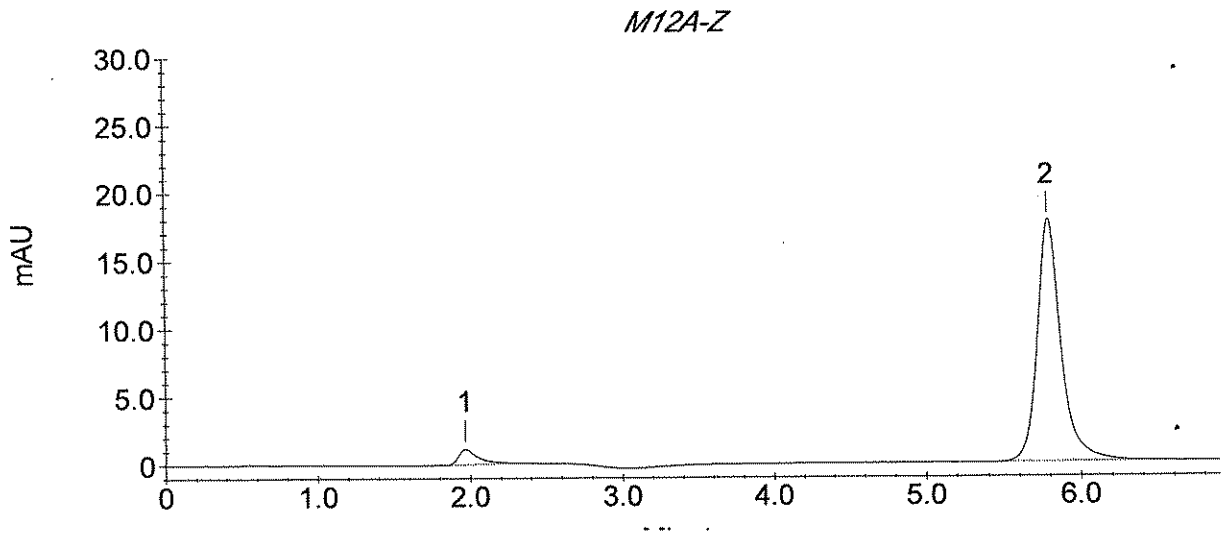
Sample Name : M12A-Z
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_021.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 11:39:16
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 21
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9943	1124
2	CRVI	5.78	14370.52	191734	17575



STL Los Angeles Cr VI Sample Analysis Report

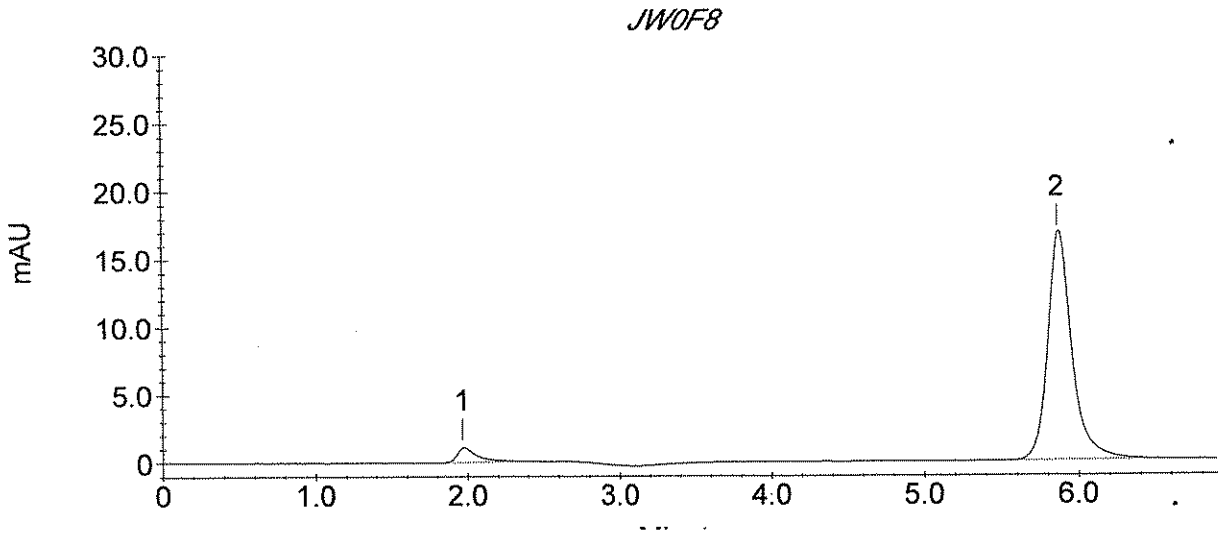
Sample Name : JW0F8
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_022.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 11:48:44
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 22
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	10064	1044
2	CRVI	5.87	13698.65	182749	16584



STL Los Angeles Cr VI Sample Analysis Report

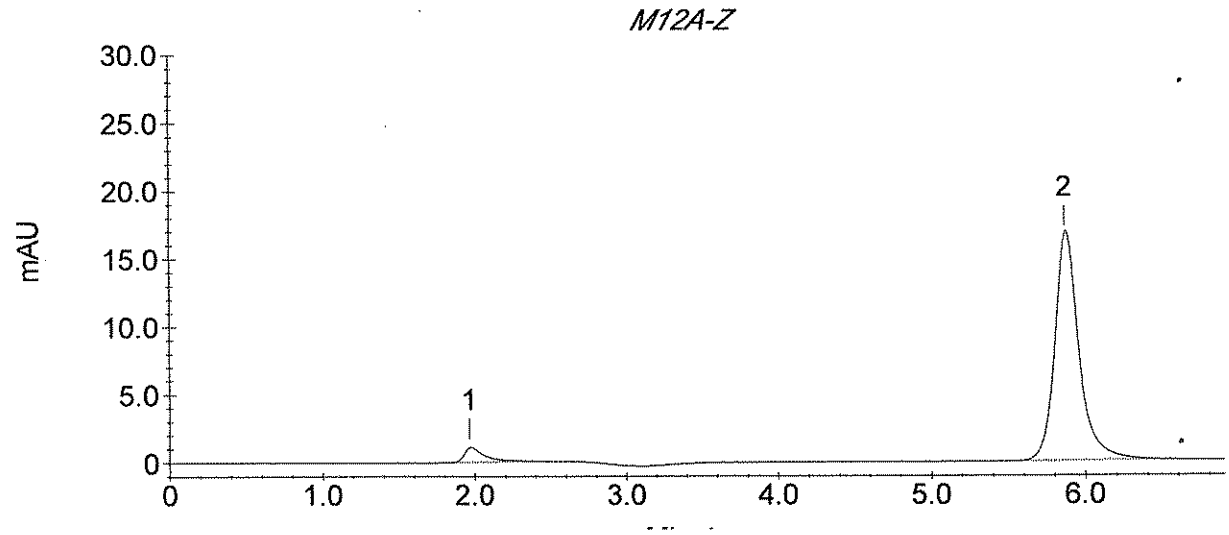
Sample Name : M12A-Z
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_022.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 11:48:44
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 22
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	10064	1044
2	CRVI	5.87	13698.65	182749	16584



STL Los Angeles Cr VI Sample Analysis Report

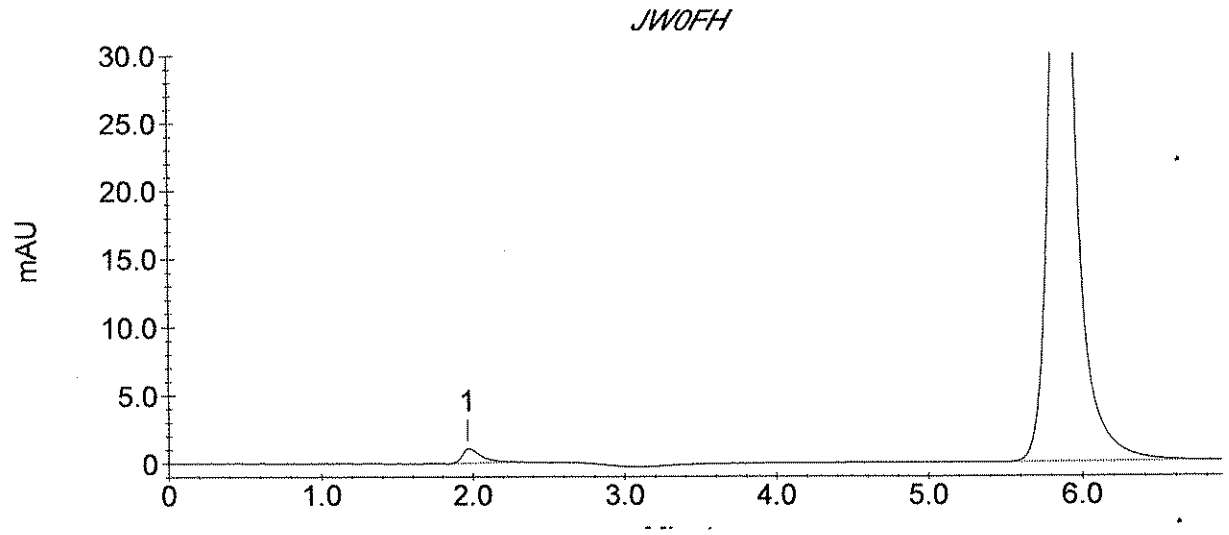
Sample Name : JW0FH
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_023.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 11:58:12
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 23
Dilution Factor : 125.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9617	1035
2	CRVI	5.87	2345.38	626887	56917



STL Los Angeles Cr VI Sample Analysis Report

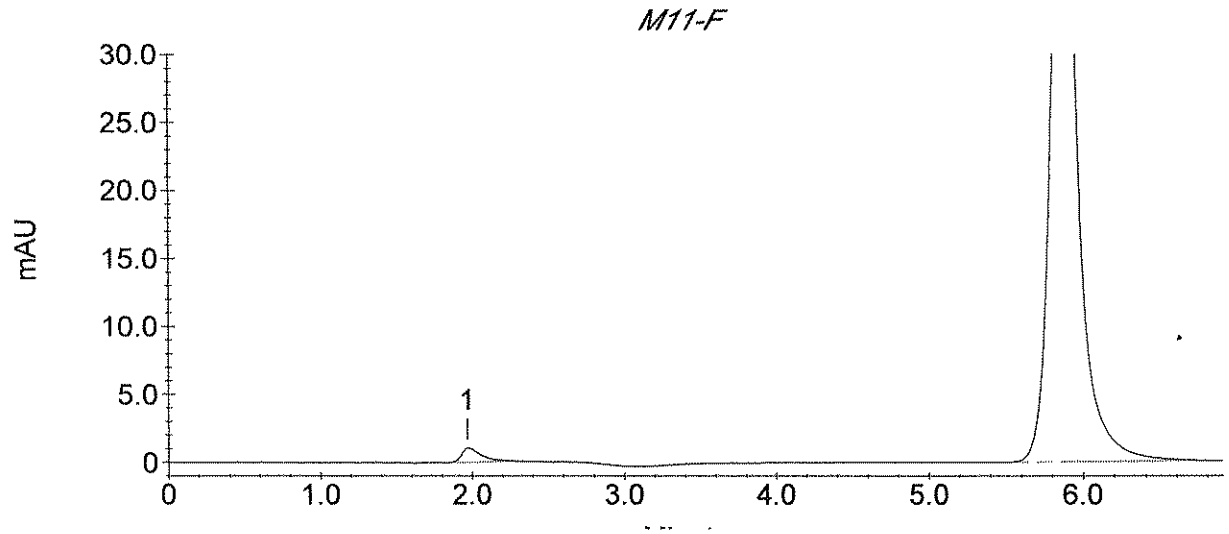
Sample Name : M11-F
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_023.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 11:58:12
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 23
Dilution Factor : 125.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9617	1035
2	CRVI	5.87	2345.38	626887	56917



STL Los Angeles Cr VI Sample Analysis Report

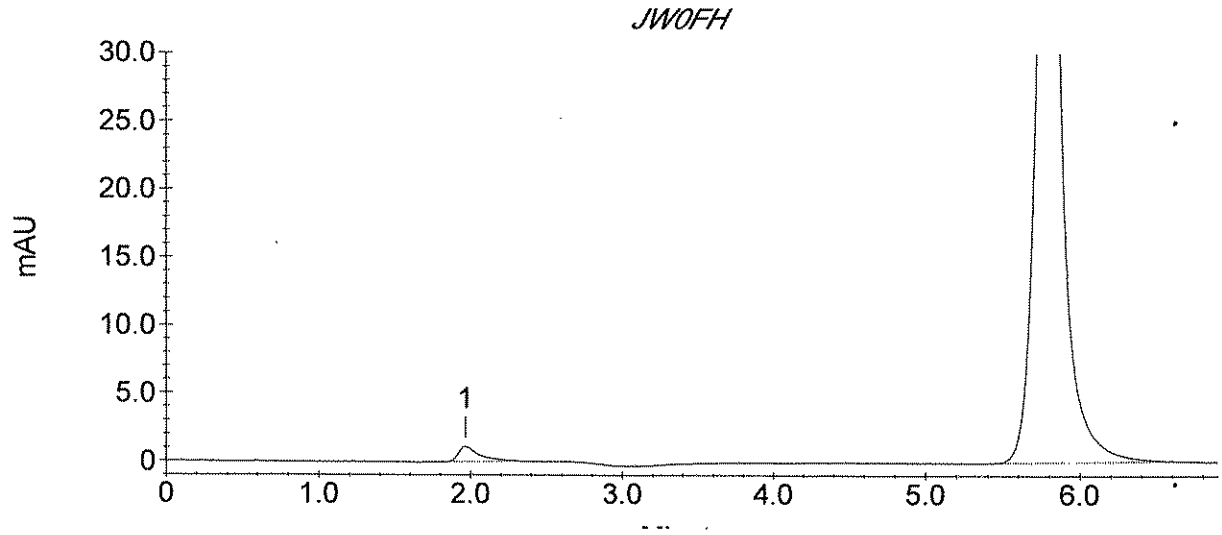
Sample Name : JW0FH
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_024.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 12:07:39
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 24
Dilution Factor : 125.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	10523	1115
2	CRVI	5.78	2379.90	636122	58440



STL Los Angeles Cr VI Sample Analysis Report

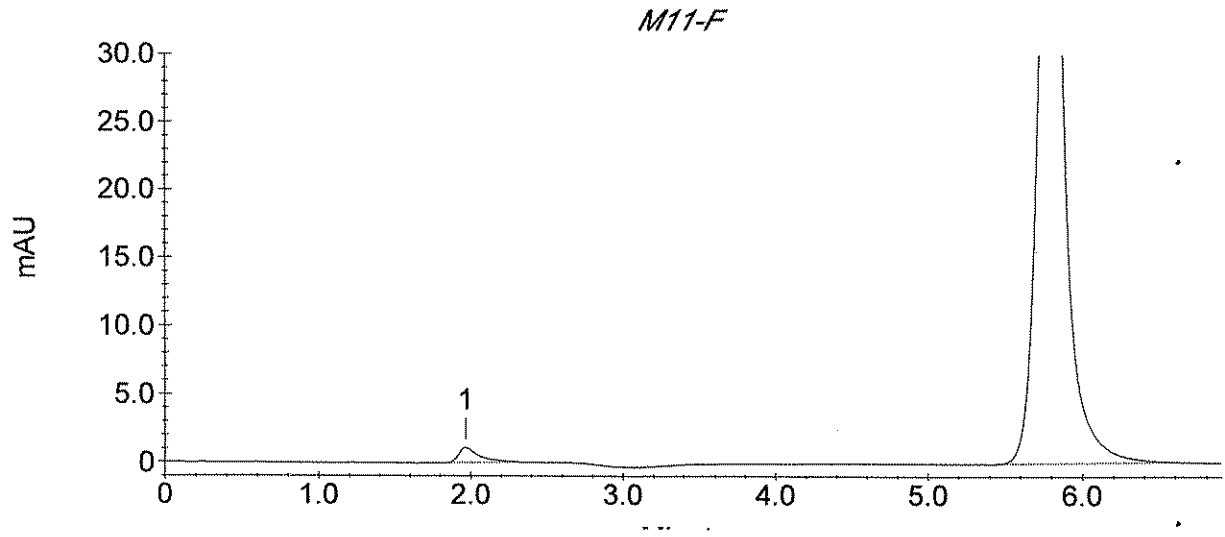
Sample Name : M11-F
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_024.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 12:07:39
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 24
Dilution Factor : 125.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	10523	1115
2	CRVI	5.78	2379.90	636122	58440



STL Los Angeles Cr VI Sample Analysis Report

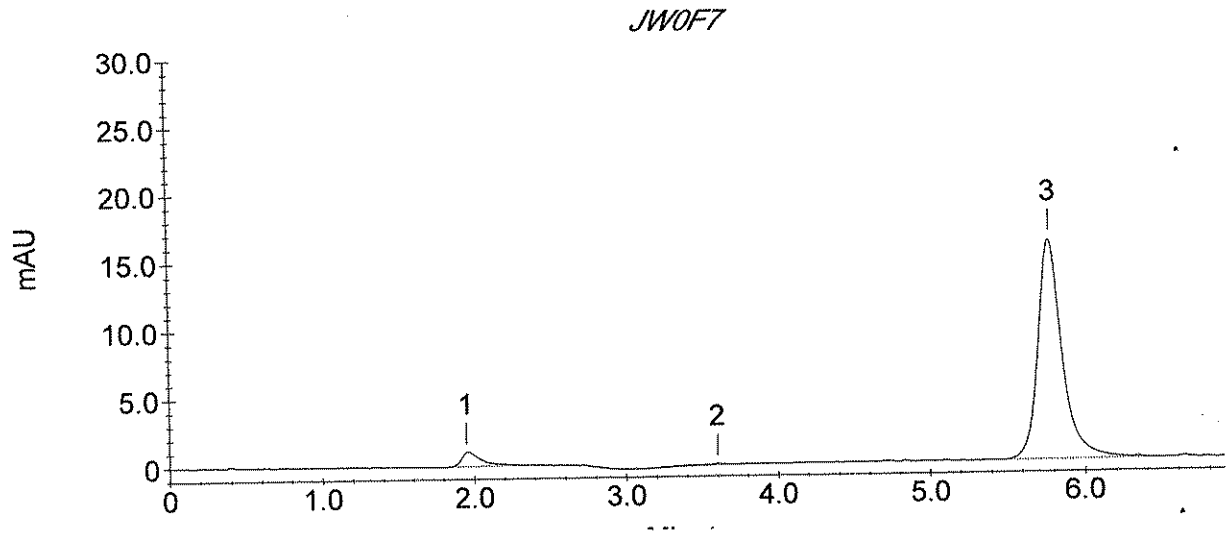
Sample Name : JW0F7
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_025.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 12:37:34
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 25
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9687	1038
2		3.60	0.00	2187	117
3	CRVI	5.78	13015.06	173606	16093



STL Los Angeles Cr VI Sample Analysis Report

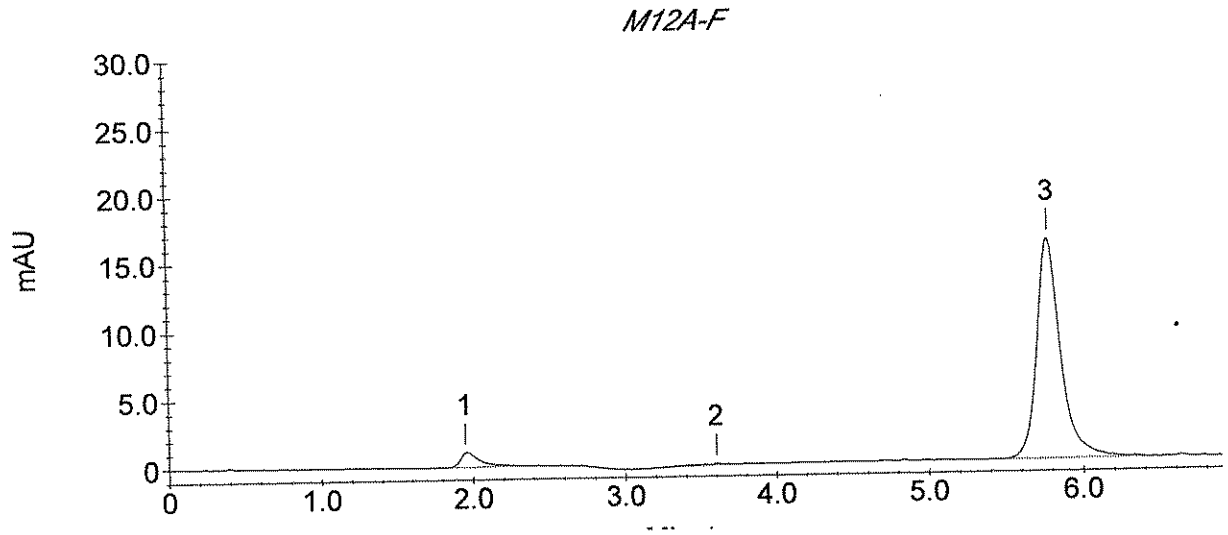
Sample Name : M12A-F
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_025.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 12:37:34
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 25
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9687	1038
2		3.60	0.00	2187	117
3	CRVI	5.78	13015.06	173606	16093



STL Los Angeles Cr VI Sample Analysis Report

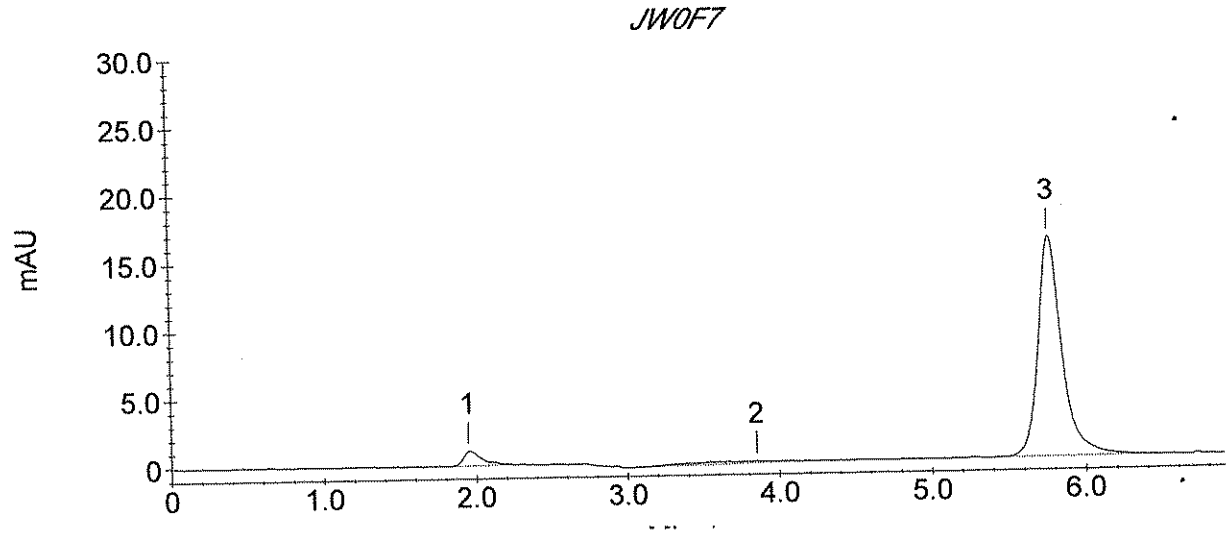
Sample Name : JW0F7
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_026.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 12:47:01
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 26
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9235	1046
2		3.85	0.00	6455	127
3	CRVI	5.77	13039.58	173934	16005



STL Los Angeles Cr VI Sample Analysis Report

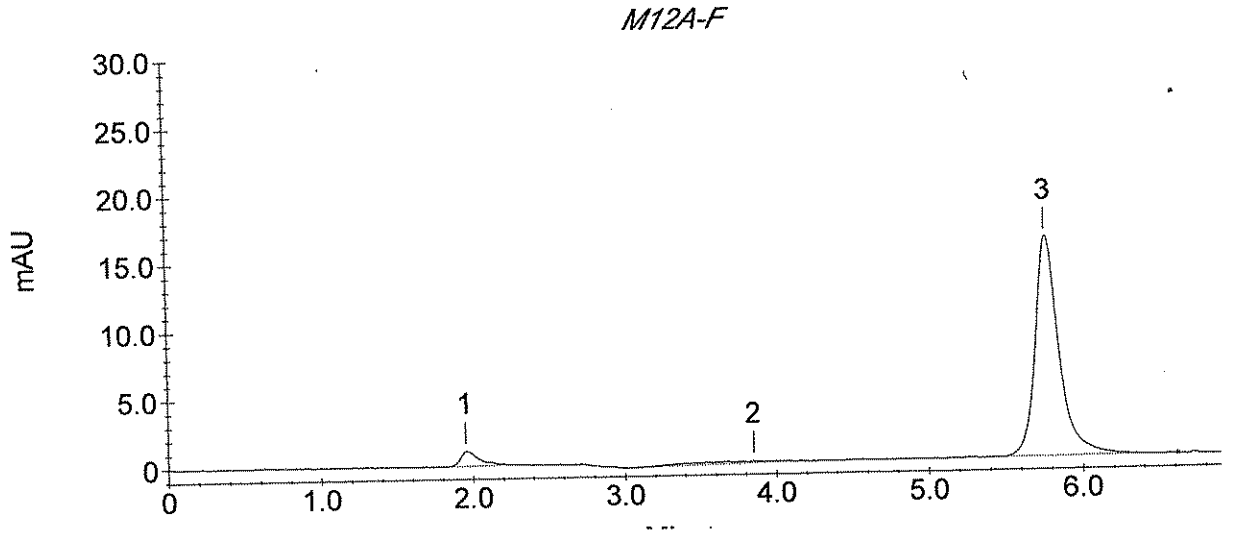
Sample Name : M12A-F
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_026.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 12:47:01
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 26
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9235	1046
2		3.85	0.00	6455	127
3	CRVI	5.77	13039.58	173934	16005



STL Los Angeles Cr VI Sample Analysis Report

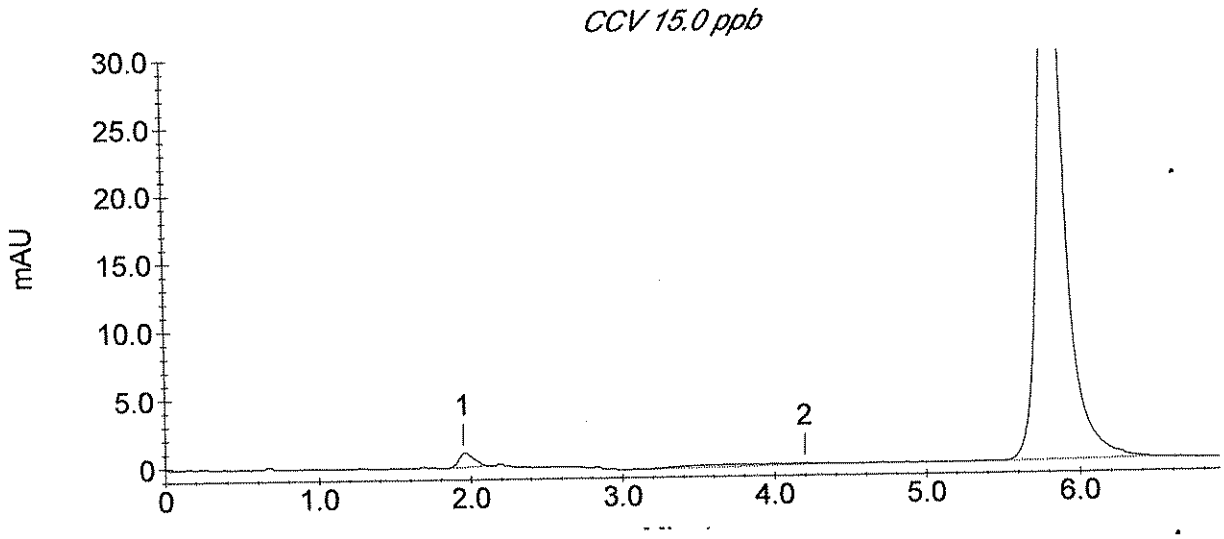
Sample Name : CCV 15.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_027.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 12:56:24
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 27
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	7457	1016
2		4.20	0.00	8466	122
3	CRVI	5.82	15.13	505320	45742



STL Los Angeles Cr VI Sample Analysis Report

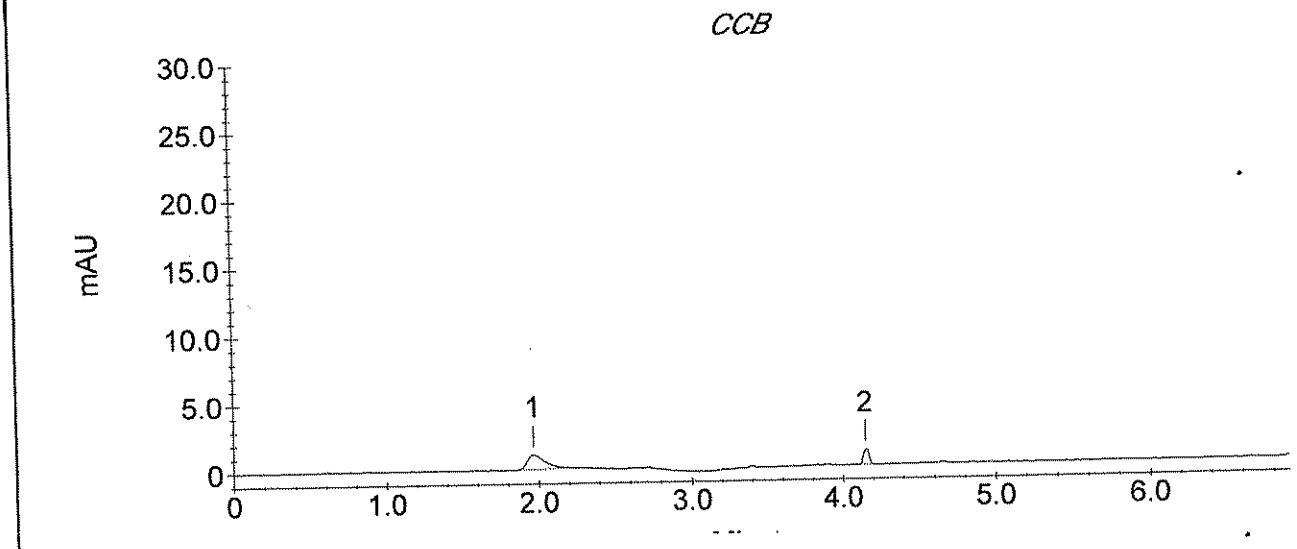
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_028.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 13:05:52
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 28
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8726	1043
2		4.15	0.00	2791	1081



STL Los Angeles Cr VI Sample Analysis Report

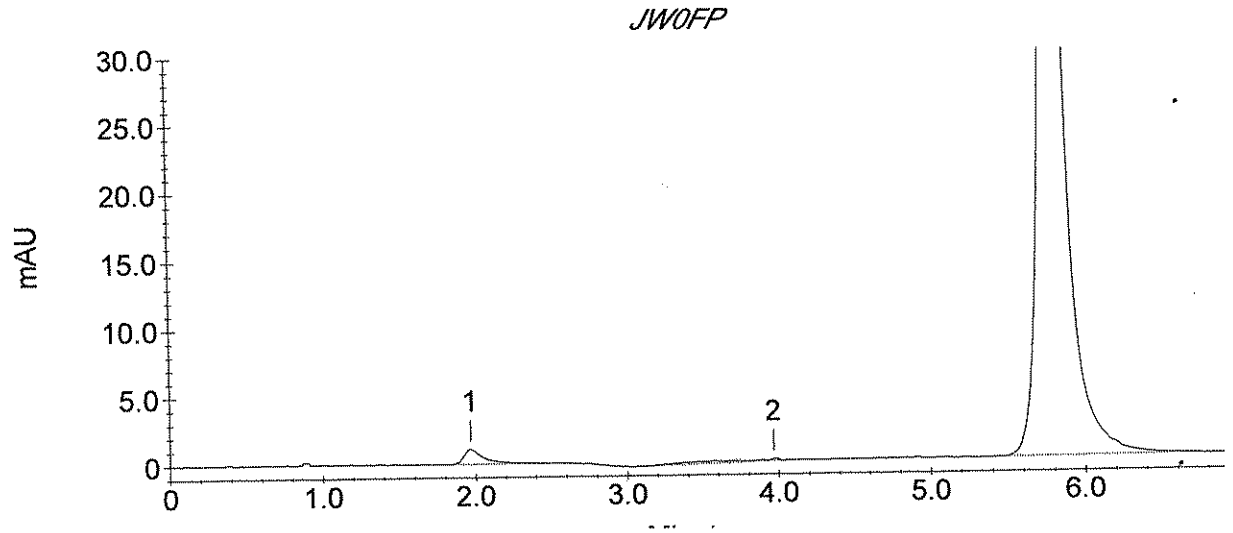
Sample Name : JW0FP
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_029.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 13:15:19
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 29
Dilution Factor : 125.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	10647	1104
2		3.97	0.00	5460	151
3	CRVI	5.80	2520.11	673624	62328



STL Los Angeles Cr VI Sample Analysis Report

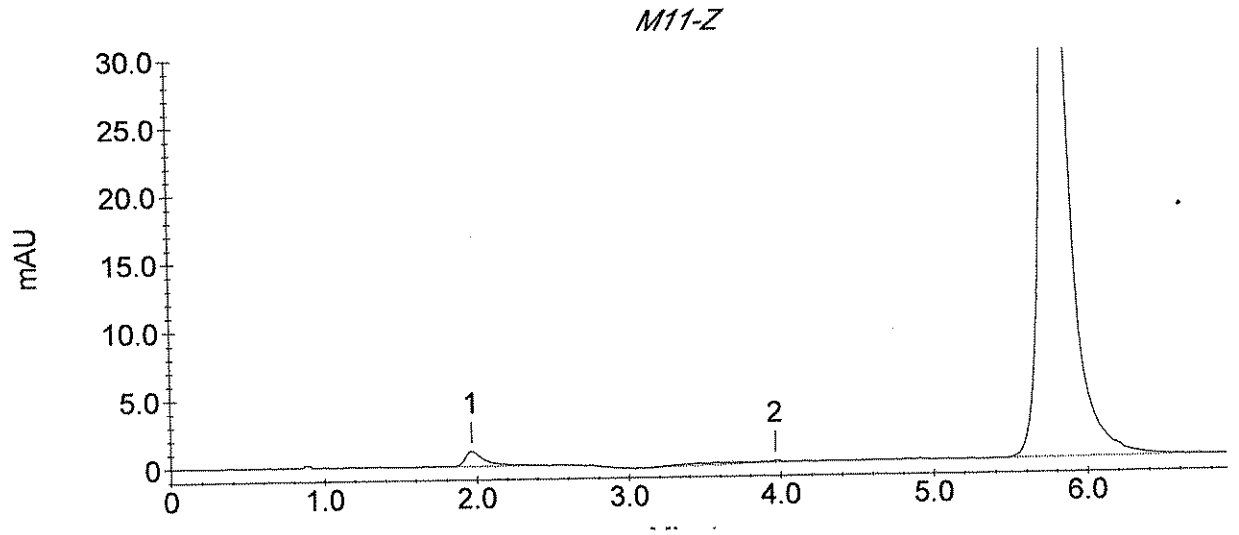
Sample Name : M11-Z
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_029.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 13:15:19
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 29
Dilution Factor : 125.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	10647	1104
2		3.97	0.00	5460	151
3	CRVI	5.80	2520.11	673624	62328



STL Los Angeles Cr VI Sample Analysis Report

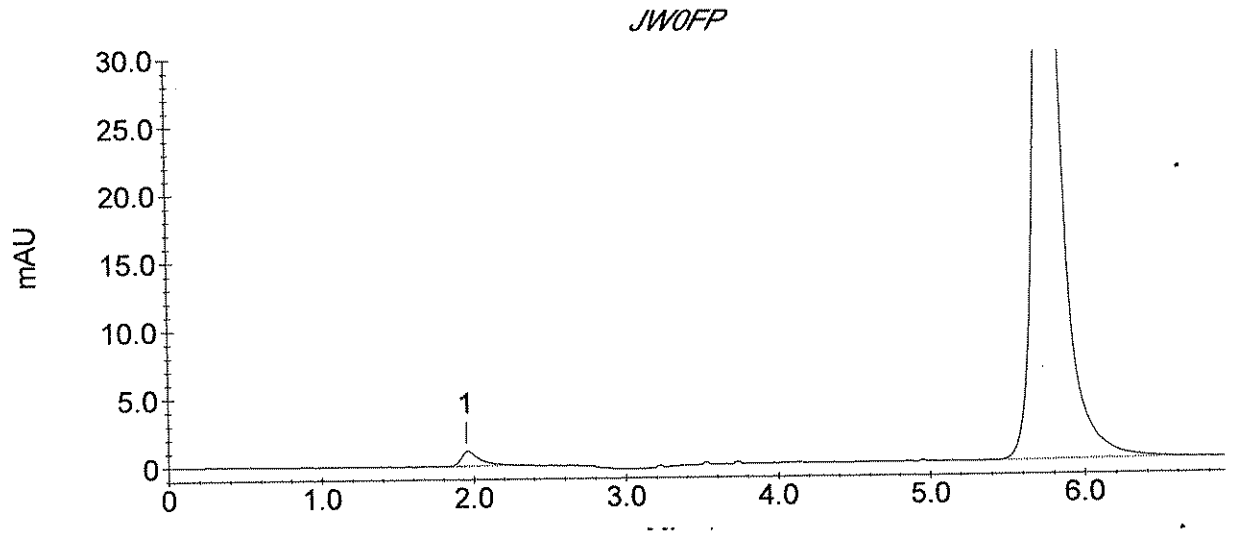
Sample Name : JW0FP
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_030.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 13:24:46
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 30
Dilution Factor : 125.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9254	1053
2	CRVI	5.77	2499.84	668202	61836



STL Los Angeles Cr VI Sample Analysis Report

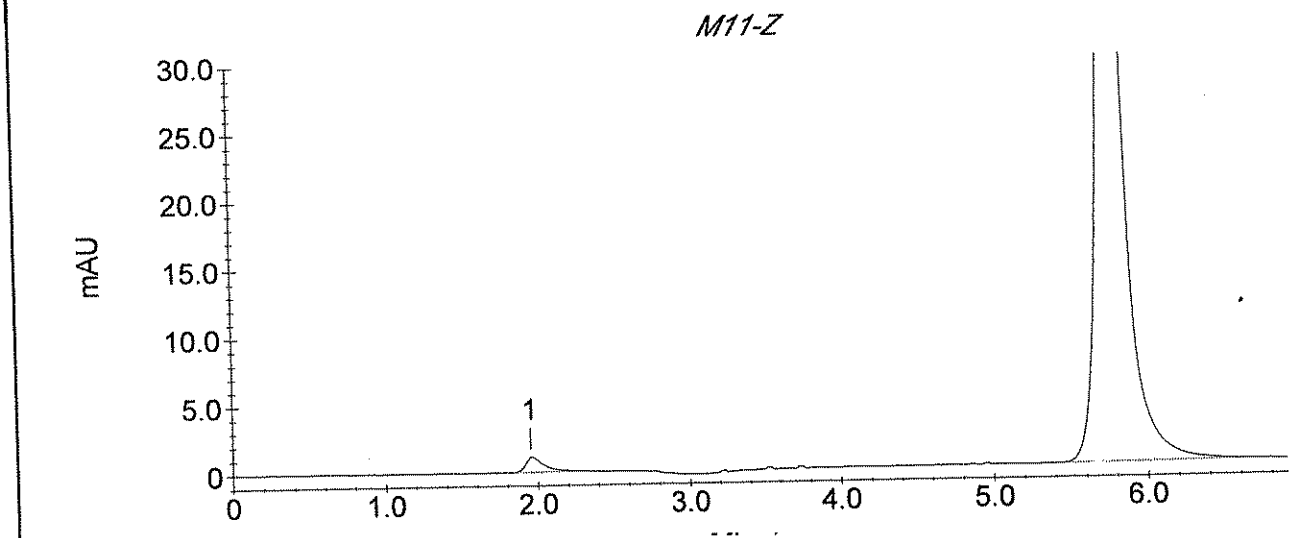
Sample Name : M11-Z
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_030.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 13:24:46
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 30
Dilution Factor : 125.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9254	1053
2	CRVI	5.77	2499.84	668202	61836



STL Los Angeles Cr VI Sample Analysis Report

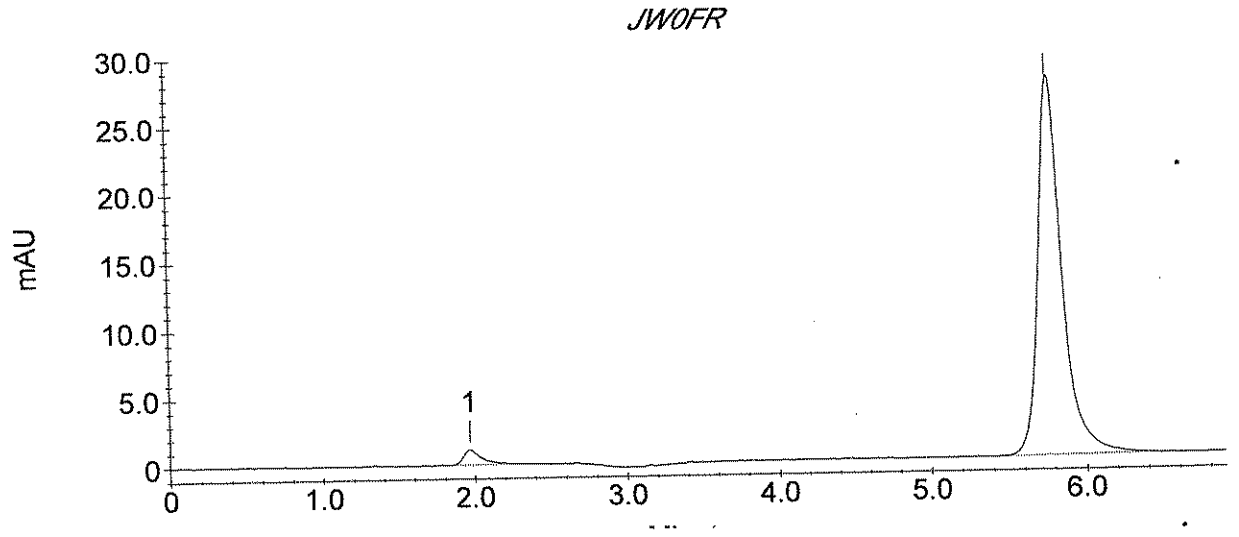
Sample Name : JW0FR
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_031.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 13:34:14
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 31
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9295	1101
2	CRVI	5.77	22372.27	298750	27275



STL Los Angeles Cr VI Sample Analysis Report

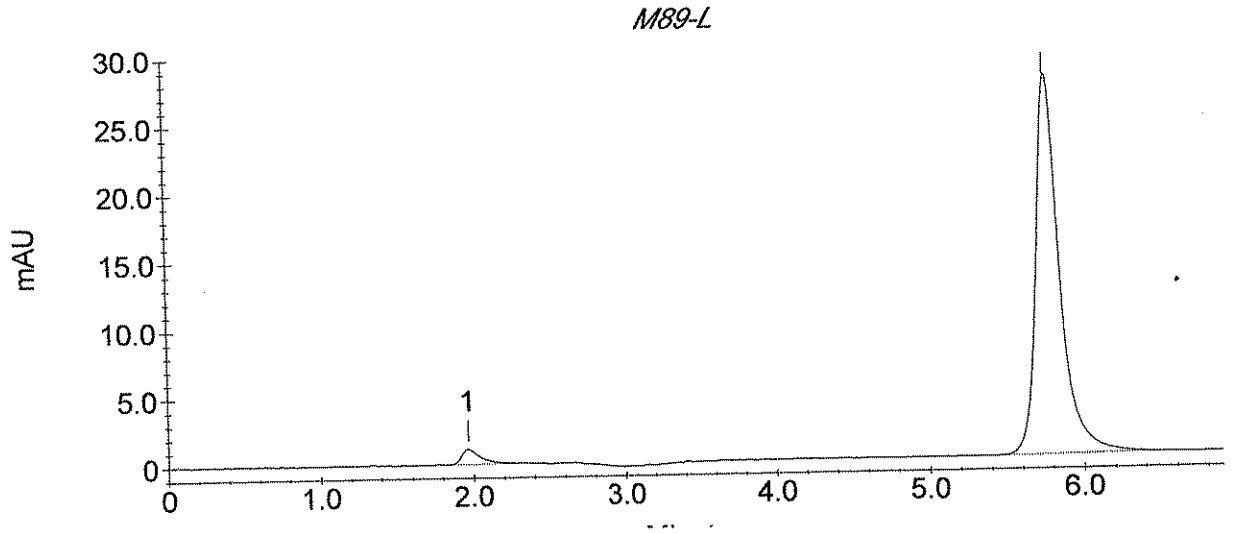
Sample Name : M89-L
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_031.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 13:34:14
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 31
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9295	1101
2	CRVI	5.77	22372.27	298750	27275



STL Los Angeles Cr VI Sample Analysis Report

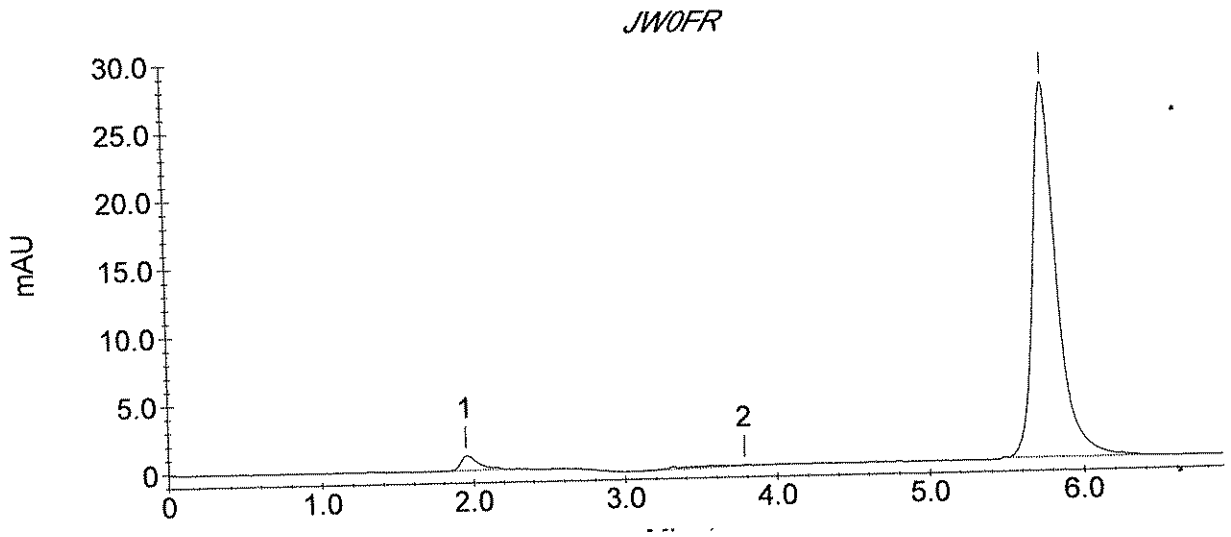
Sample Name : JW0FR
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_032.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 13:43:41
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 32
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9151	1051
2		3.78	0.00	4142	92
3	CRVI	5.77	21892.42	292333	27474



STL Los Angeles Cr VI Sample Analysis Report

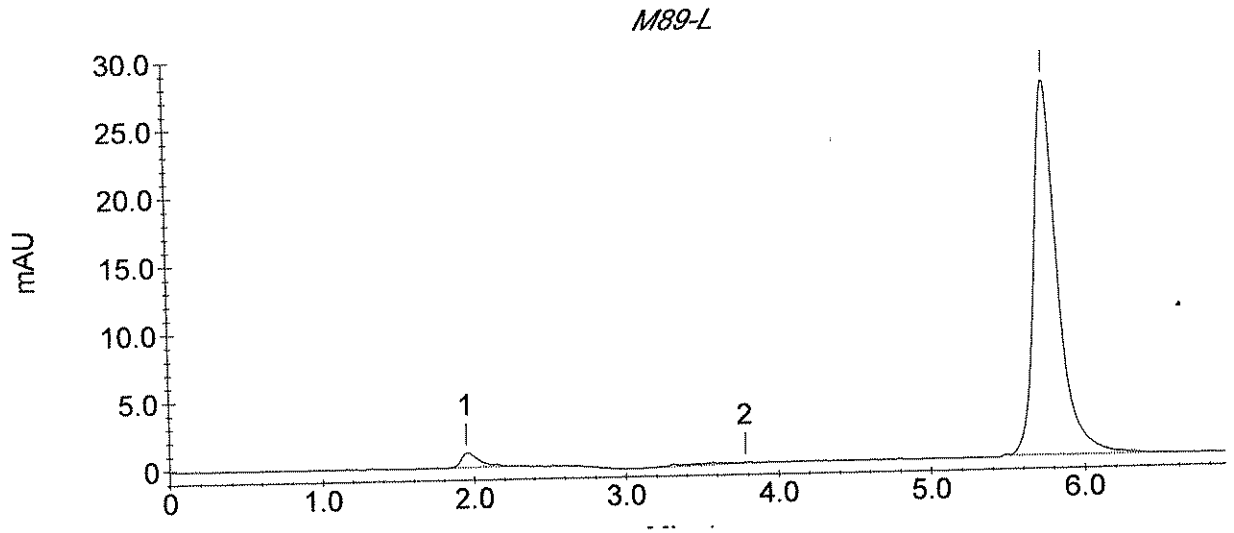
Sample Name : M89-L
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_032.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 13:43:41
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 32
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9151	1051
2		3.78	0.00	4142	92
3	CRVI	5.77	21892.42	292333	27474



STL Los Angeles Cr VI Sample Analysis Report

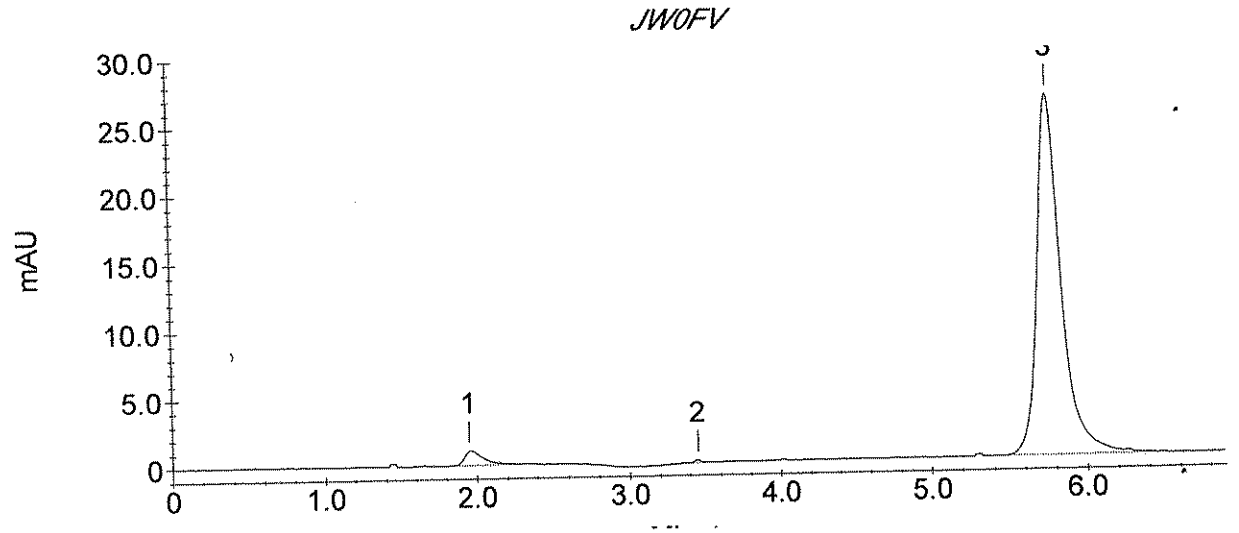
Sample Name : JW0FV
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_033.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 13:53:09
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 33
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9353	1056
2		3.45	0.00	1112	203
3	CRVI	5.77	21252.02	283768	26454



STL Los Angeles Cr VI Sample Analysis Report

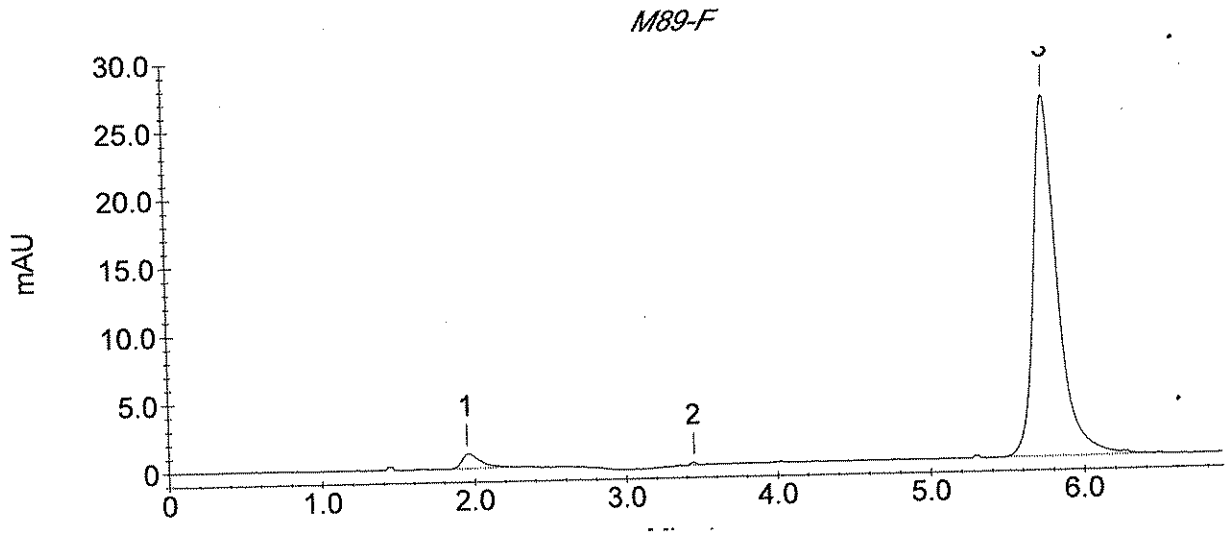
Sample Name : M89-F
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_033.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 13:53:09
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 33
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9353	1056
2		3.45	0.00	1112	203
3	CRVI	5.77	21252.02	283768	26454



STL Los Angeles Cr VI Sample Analysis Report

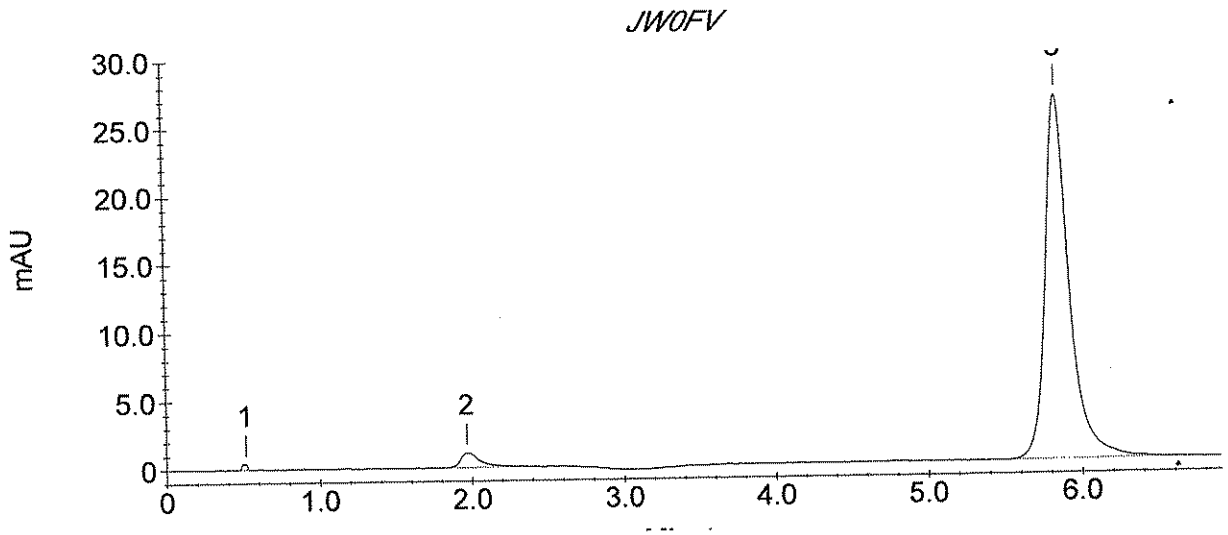
Sample Name : JW0FV
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_034.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 14:02:36
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 34
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		0.52	0.00	1037	405
2		1.97	0.00	9744	1071
3	CRVI	5.85	21612.76	288593	26678



STL Los Angeles Cr VI Sample Analysis Report

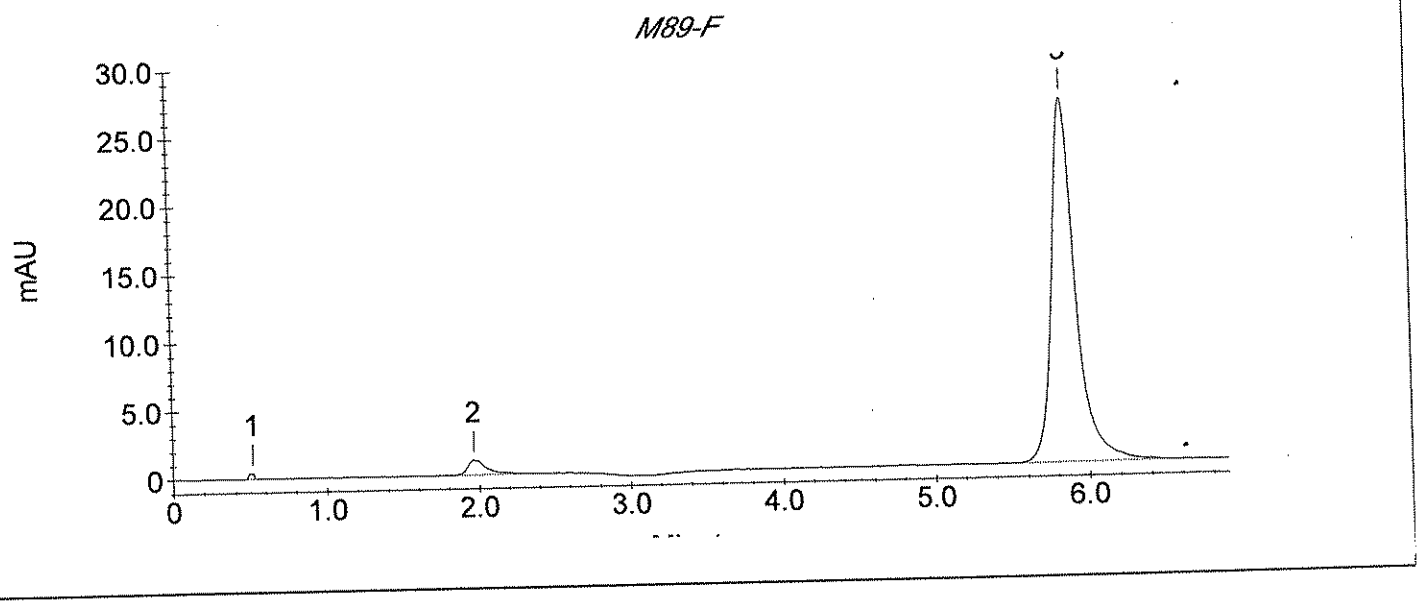
Sample Name : M89-F
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_034.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 14:02:36
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 34
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		0.52	0.00	1037	405
2		1.97	0.00	9744	1071
3	CRVI	5.85	21612.76	288593	26678



STL Los Angeles Cr VI Sample Analysis Report

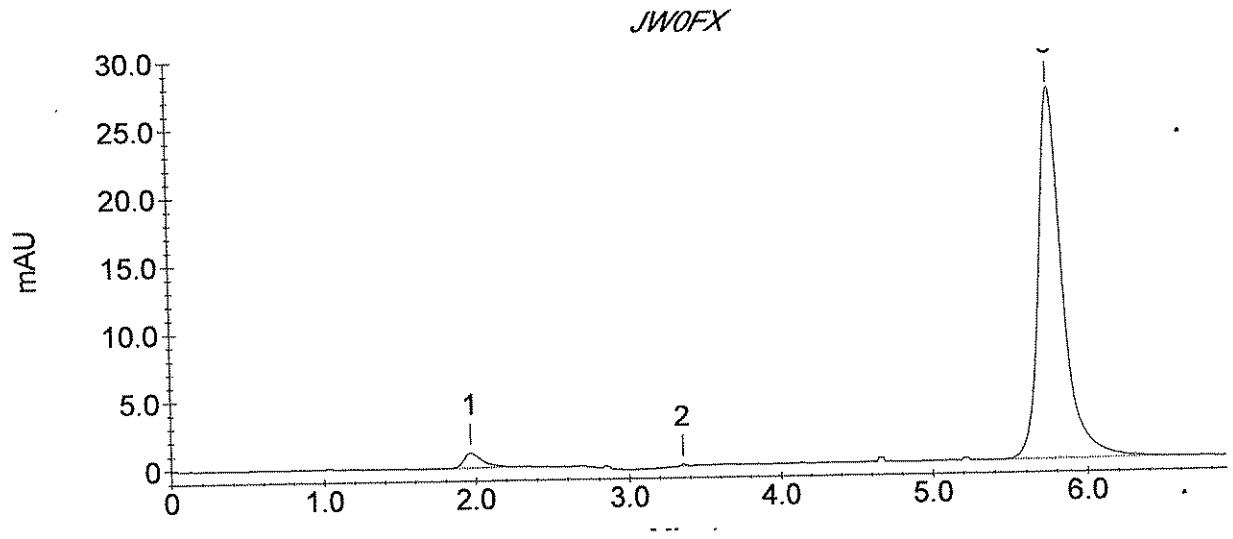
Sample Name : JW0FX
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_035.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 14:11:58
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 35
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9351	1104
2		3.35	0.00	347	152
3	CRVI	5.77	21889.91	292299	26917



STL Los Angeles Cr VI Sample Analysis Report

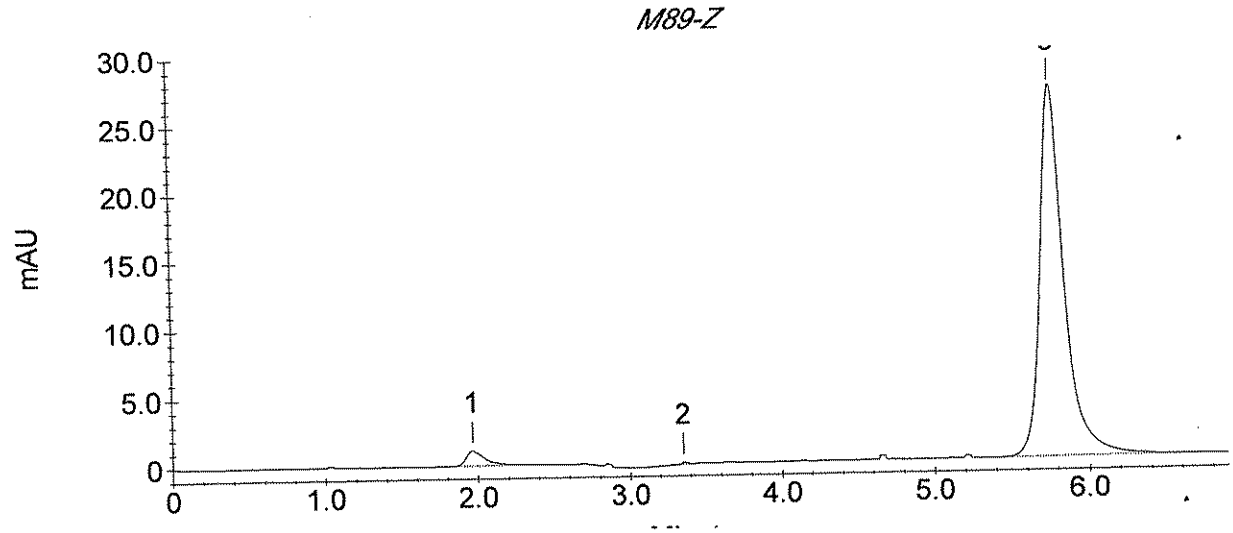
Sample Name : M89-Z
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_035.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 14:11:58
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 35
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9351	1104
2		3.35	0.00	347	152
3	CRVI	5.77	21889.91	292299	26917



STL Los Angeles Cr VI Sample Analysis Report

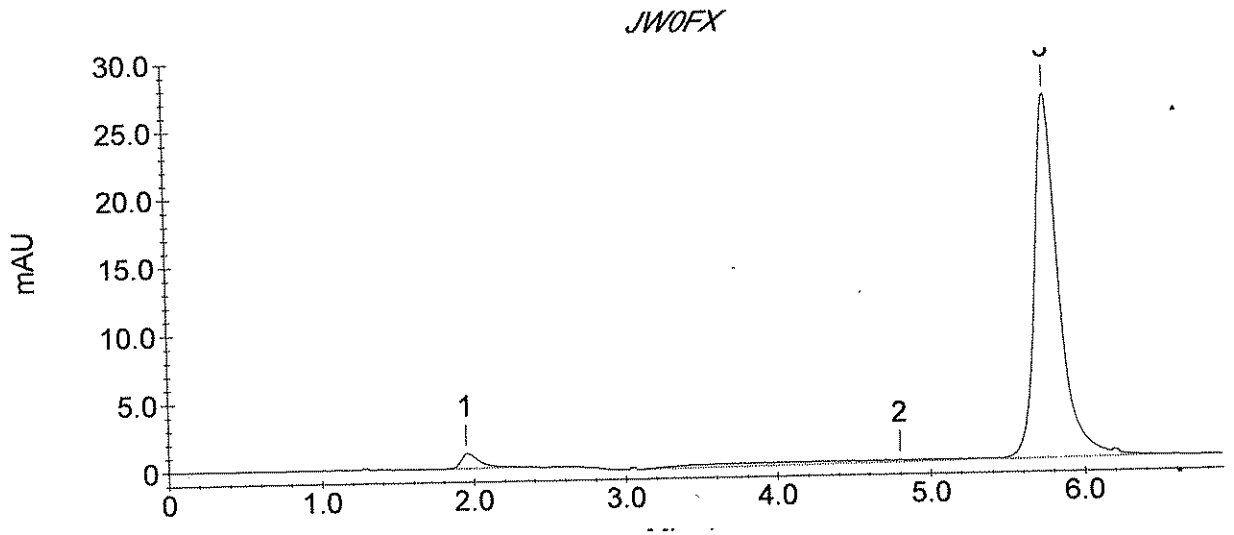
Sample Name : JW0FX
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_036.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 14:21:25
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 36
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9557	1057
2		4.80	0.00	20312	155
3	CRVI	5.77	21580.03	288155	26601



STL Los Angeles Cr VI Sample Analysis Report

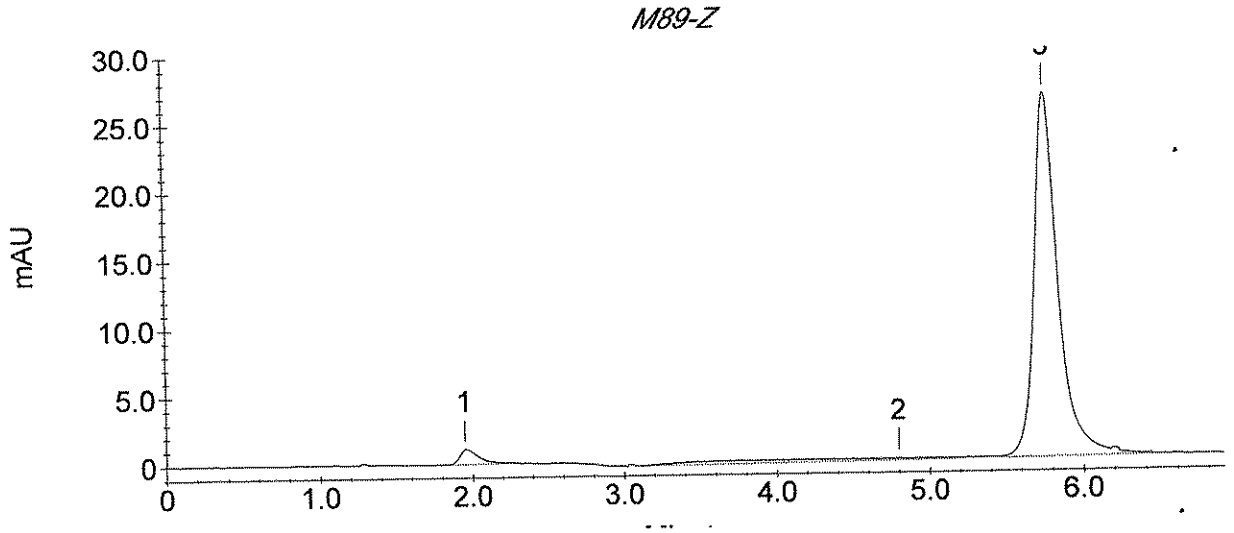
Sample Name : M89-Z
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_036.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 14:21:25
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 36
Dilution Factor : 2500.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9557	1057
2		4.80	0.00	20312	155
3	CRVI	5.77	21580.03	288155	26601



STL Los Angeles Cr VI Sample Analysis Report

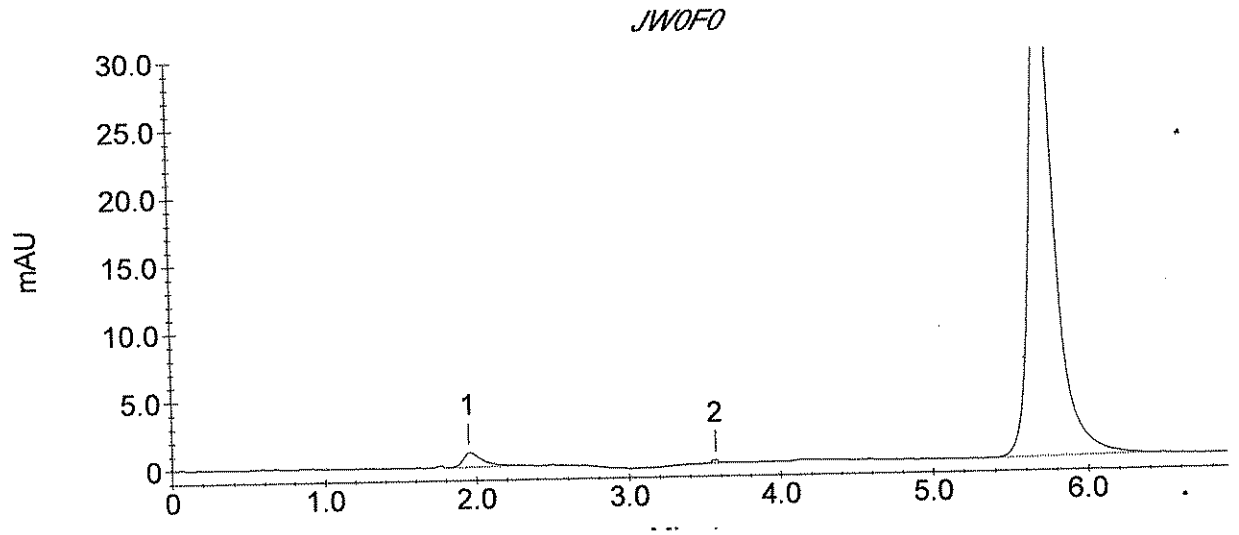
Sample Name : JW0F0
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_037.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 14:30:53
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 37
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9408	1048
2		3.57	0.00	1508	221
3	CRVI	5.72	60.83	406306	37376



STL Los Angeles Cr VI Sample Analysis Report

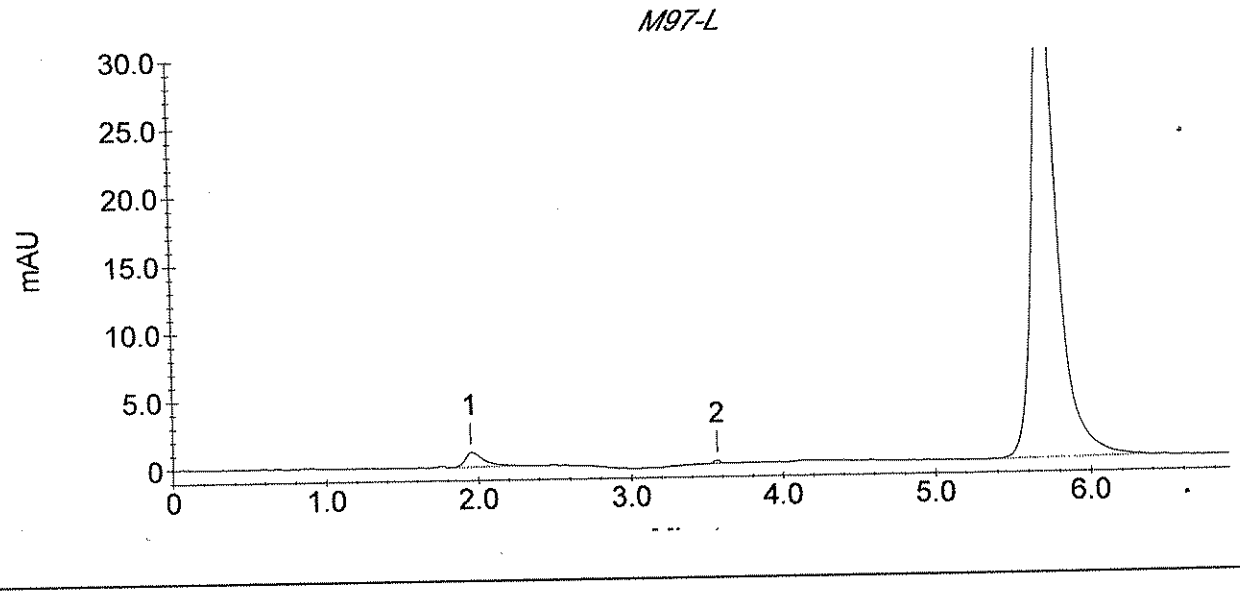
Sample Name : M97-L
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_037.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 14:30:53
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 37
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9408	1048
2		3.57	0.00	1508	221
3	CRVI	5.72	60.83	406306	37376



STL Los Angeles Cr VI Sample Analysis Report

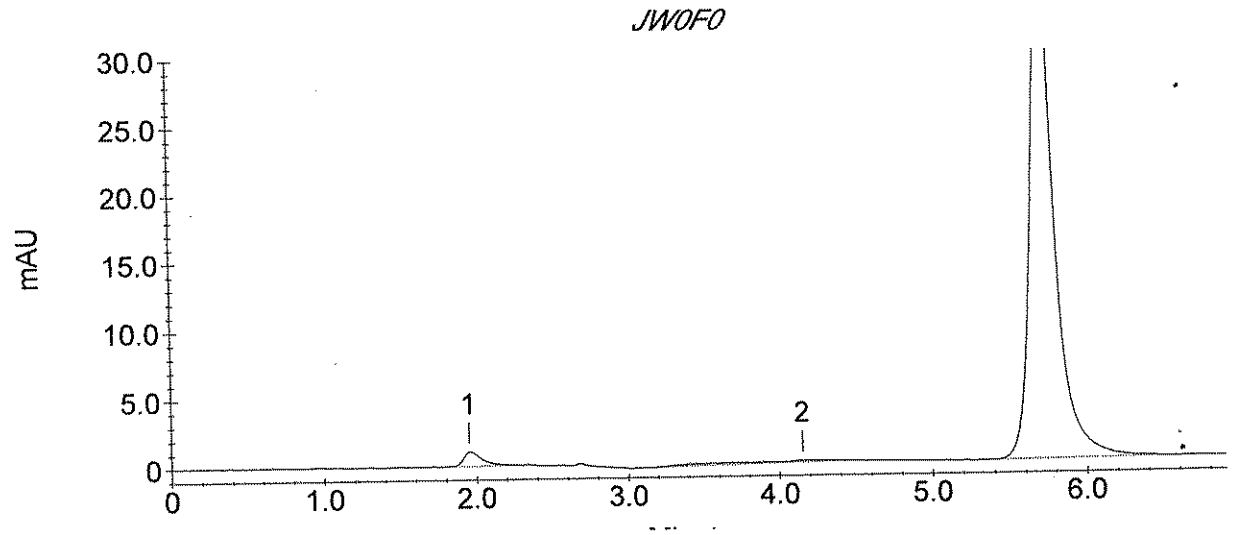
Sample Name : JW0F0
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_038.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 14:40:21
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 38
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	8821	1034
2		4.15	0.00	8162	145
3	CRVI	5.72	61.26	409186	37514



STL Los Angeles Cr VI Sample Analysis Report

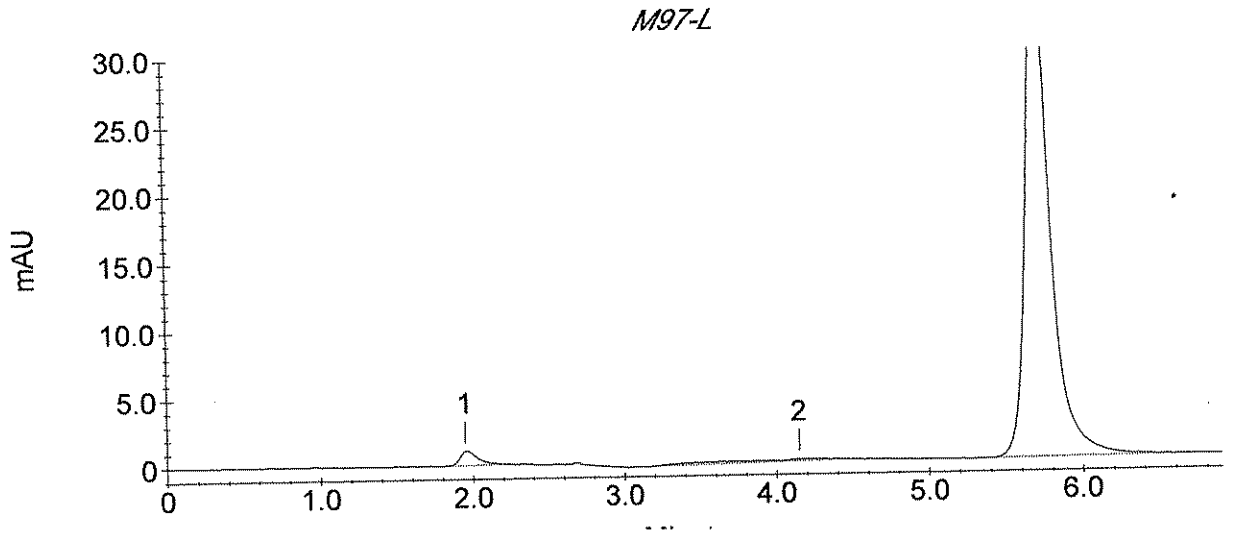
Sample Name : M97-L
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_038.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 14:40:21
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 38
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	8821	1034
2		4.15	0.00	8162	145
3	CRVI	5.72	61.26	409186	37514



STL Los Angeles Cr VI Sample Analysis Report

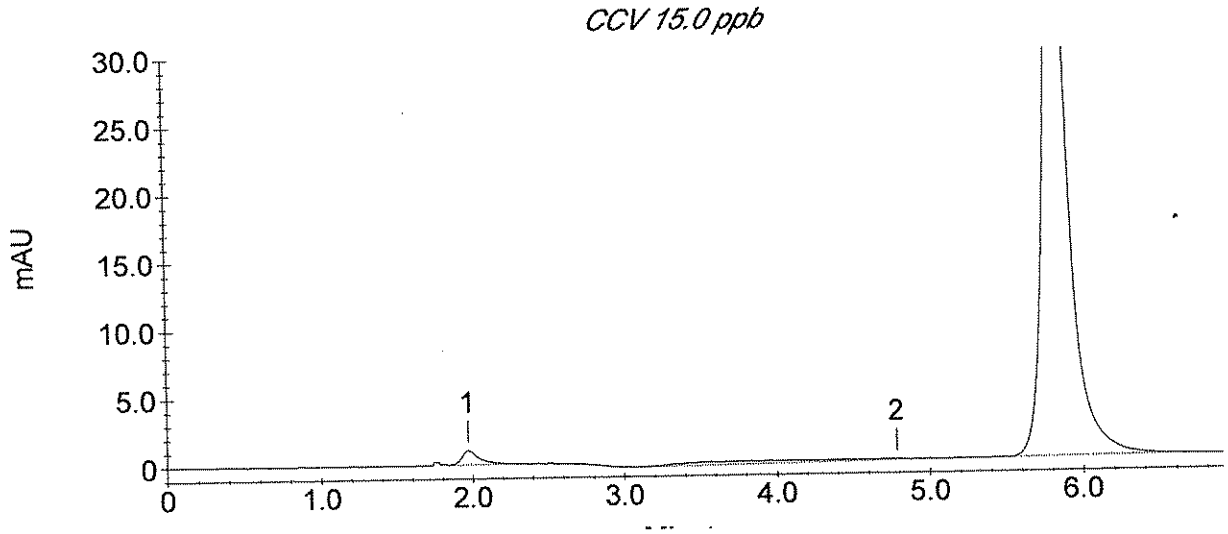
Sample Name : CCV 15.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_039.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 14:49:48
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 39
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8576	1027
2		4.78	0.00	15071	87
3	CRVI	5.83	15.21	508073	47324



STL Los Angeles Cr VI Sample Analysis Report

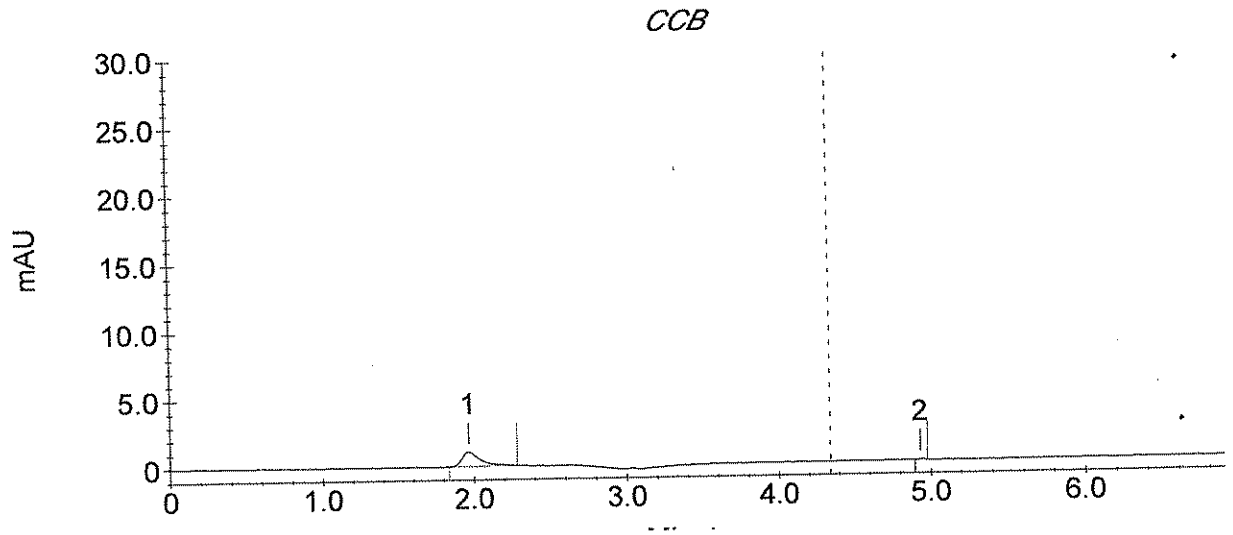
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CRVI051207_040.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 14:59:16
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 40
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9066	1053
2		4.93	0.00	142	56



MANUAL INTEGRATION CODES
1 Poor Peak Shape
2 Poor Peak Resolution
3 Peak Not Integrated
4 Sample Matrix Interf.
5 Column Bleed
6 Instrument Noise
7 Poor Baseline
8 Other
Initials

5/18/07

STL Los Angeles Cr VI Sample Analysis Report

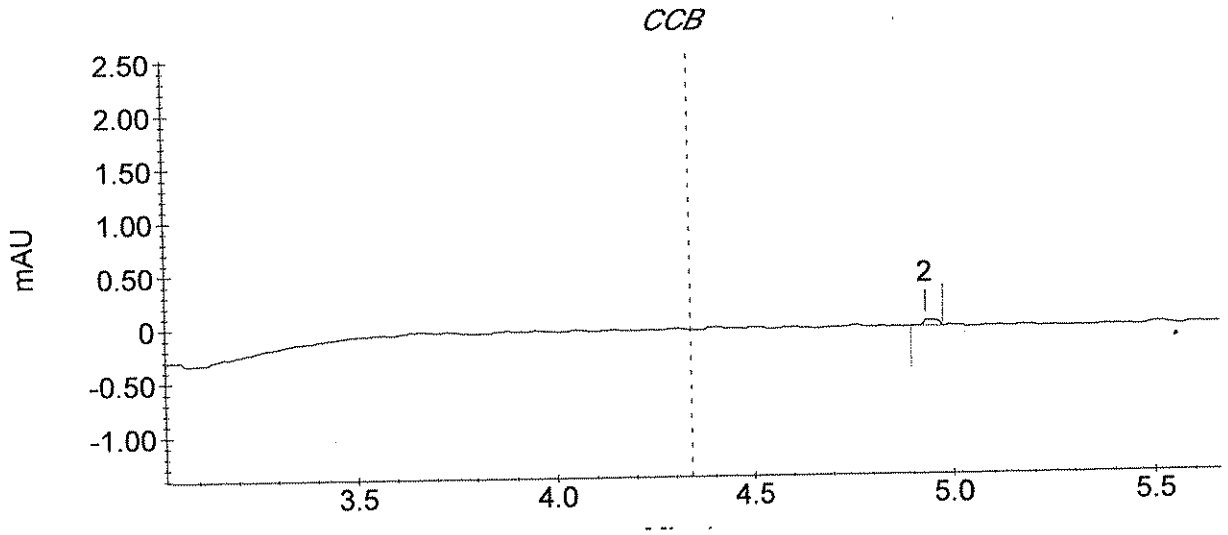
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CRVI051207_040.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 14:59:16
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 40
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9066	1053
2		4.93	0.00	142	56



MANUAL INTEGRATION CODES

1 Poor Peak Shape	5 Column Bleed
2 Poor Peak Resolution	6 Instrument Noise
3 Peak Not Integrated	7 Poor Baseline
4 Sample Matrix Interf.	8 Other
Initials X	Date 5/18/07

05/18/07

STL Los Angeles Cr VI Sample Analysis Report

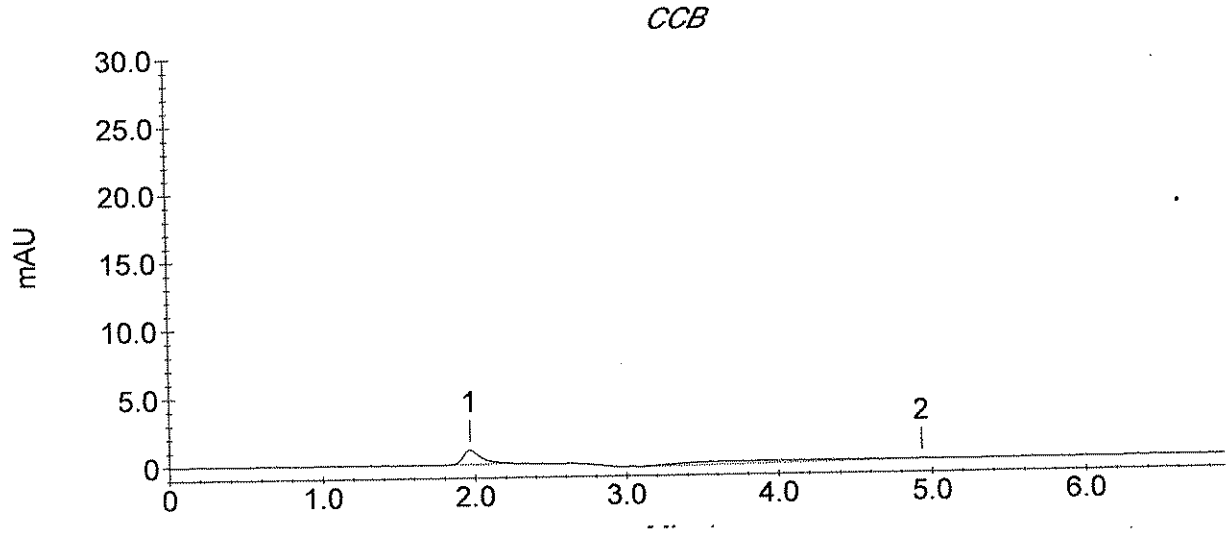
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_040.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 14:59:16
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 40
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9066	1053
2	CRVI	4.93	0.42	13668	80



BY

STL Los Angeles Cr VI Sample Analysis Report

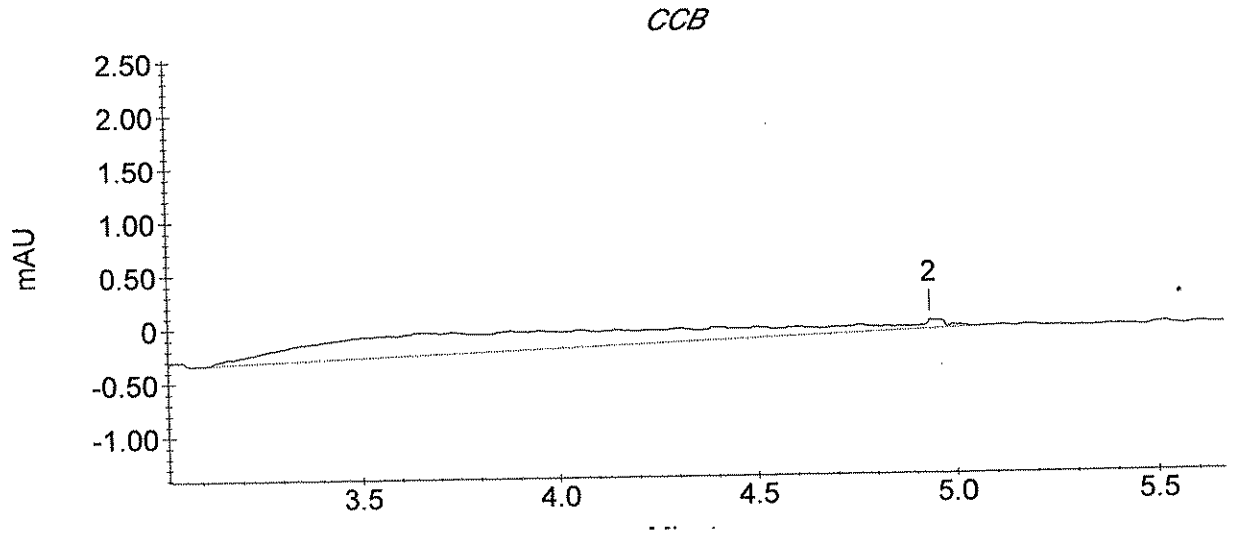
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CRVI051207_040.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 14:59:16
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 40
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9066	1053
2	CRVI	4.93	0.42	13668	80



BY

STL Los Angeles Cr VI Sample Analysis Report

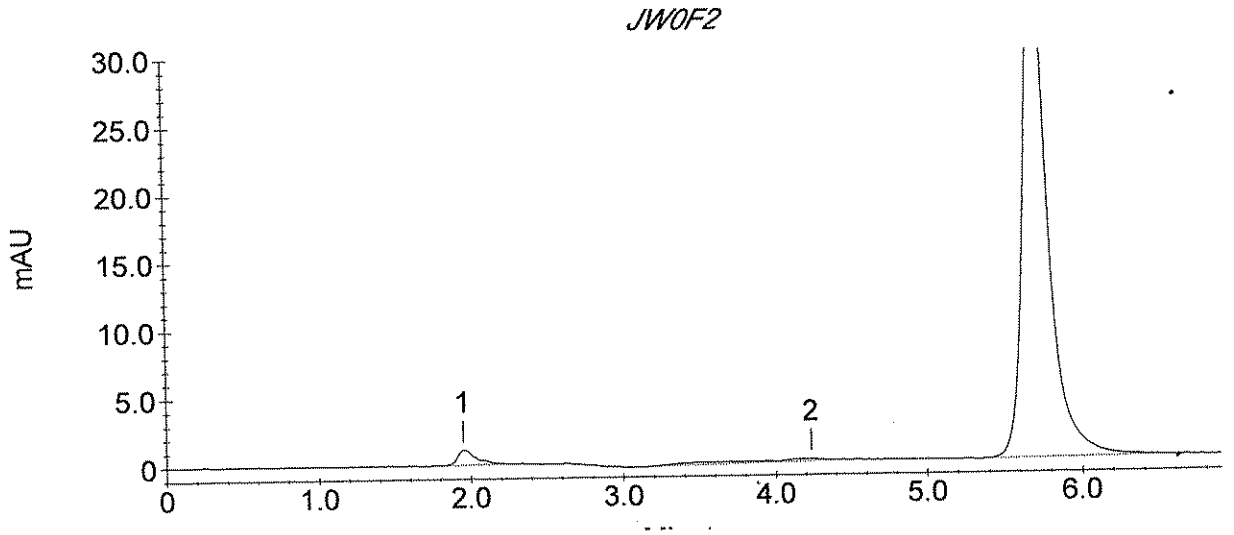
Sample Name : JW0F2
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_041.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 15:08:43
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 41
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9494	1058
2		4.23	0.00	8319	145
3	CRVI	5.72	63.19	422086	39119



STL Los Angeles Cr VI Sample Analysis Report

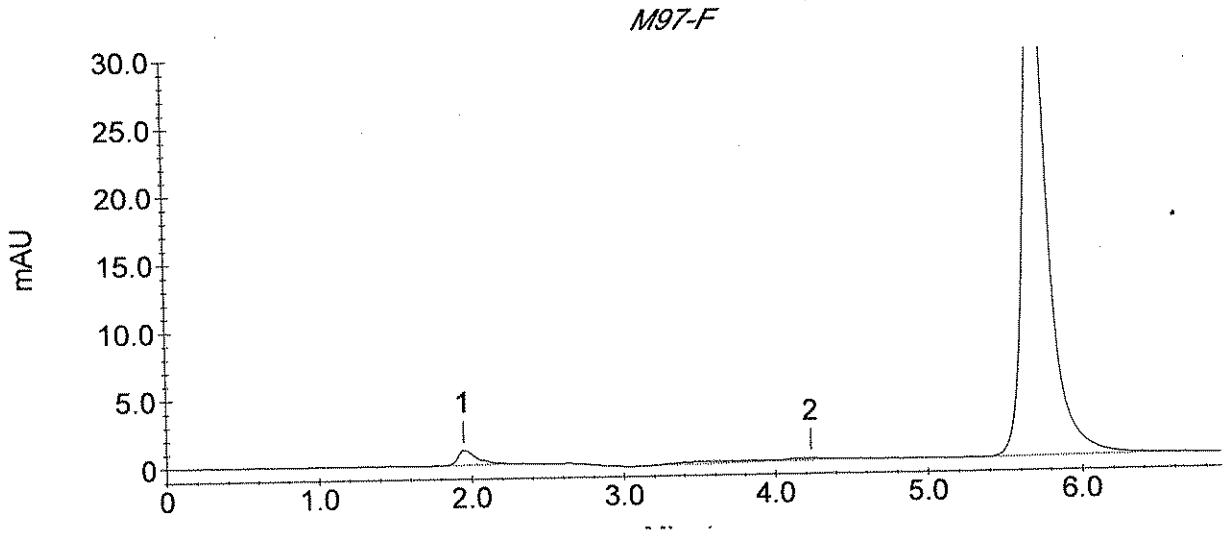
Sample Name : M97-F
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_041.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 15:08:43
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 41
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9494	1058
2		4.23	0.00	8319	145
3	CRVI	5.72	63.19	422086	39119



STL Los Angeles Cr VI Sample Analysis Report

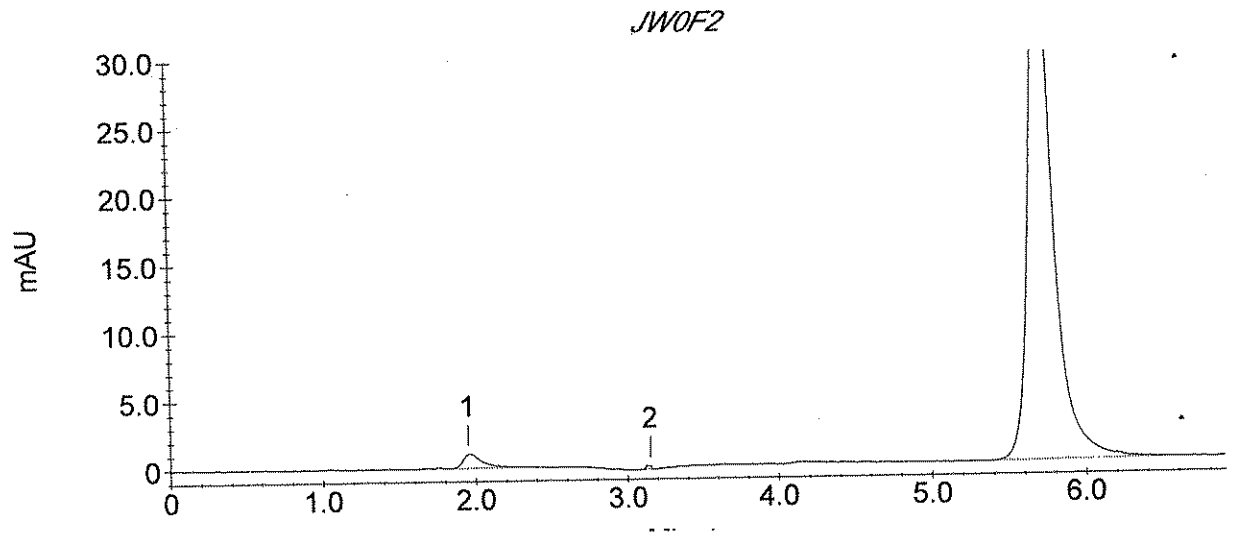
Sample Name : JW0F2
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_042.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 15:18:10
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 42
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9208	1005
2		3.15	0.00	655	259
3	CRVI	5.72	65.06	434616	40242



STL Los Angeles Cr VI Sample Analysis Report

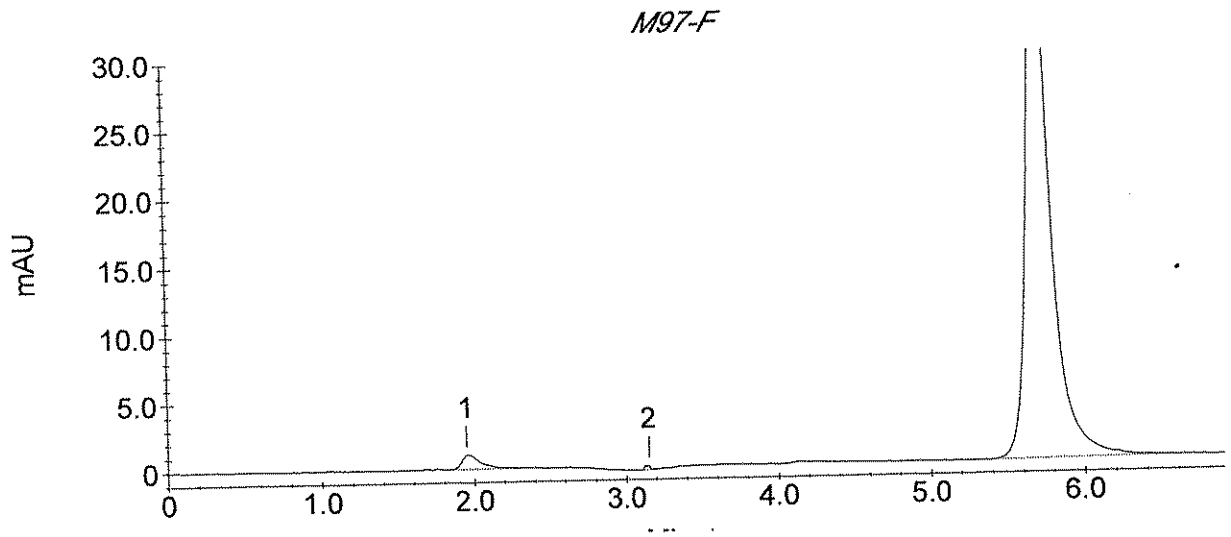
Sample Name : M97-F
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_042.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 15:18:10
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 42
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9208	1005
2		3.15	0.00	655	259
3	CRVI	5.72	65.06	434616	40242



STL Los Angeles Cr VI Sample Analysis Report

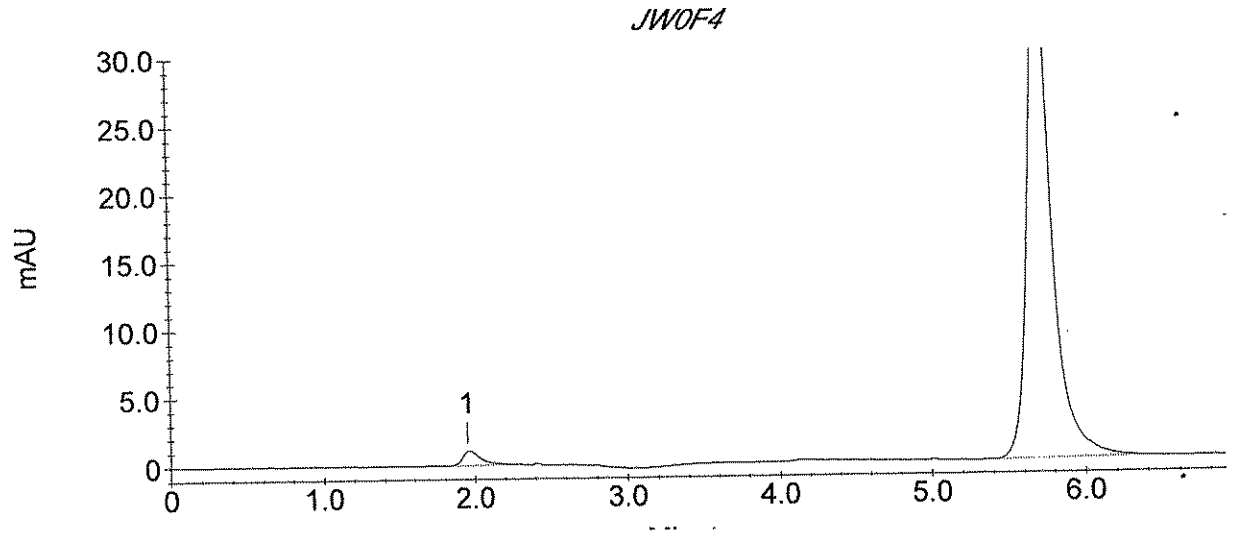
Sample Name : JW0F4
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_043.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 15:27:38
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 43
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	8781	1006
2	CRVI	5.70	60.50	404137	36663



STL Los Angeles Cr VI Sample Analysis Report

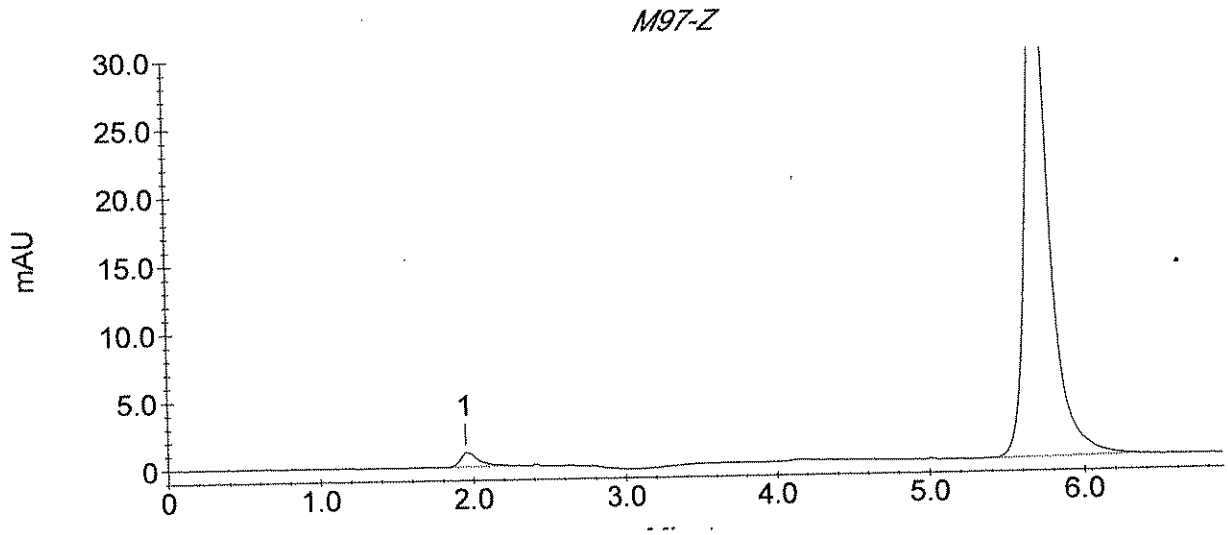
Sample Name : M97-Z
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_043.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 15:27:38
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 43
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	8781	1006
2	CRVI	5.70	60.50	404137	36663



STL Los Angeles Cr VI Sample Analysis Report

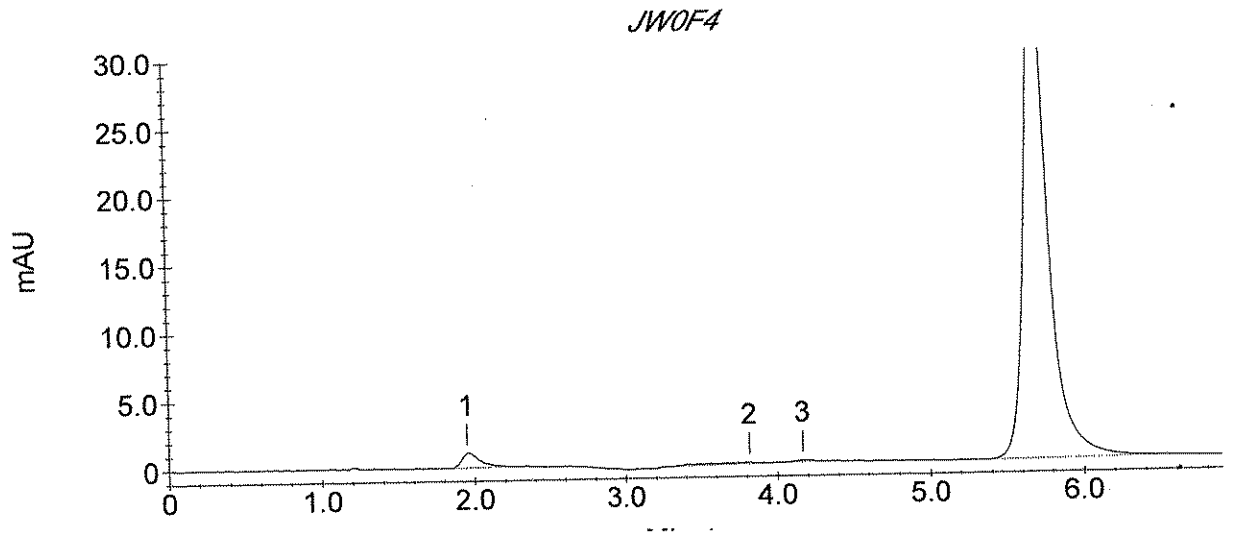
Sample Name : JW0F4
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_044.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 15:37:06
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 44
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9120	1045
2		3.82	0.00	3106	118
3		4.17	0.00	1083	123
4	CRVI	5.70	60.50	404103	37390



STL Los Angeles Cr VI Sample Analysis Report

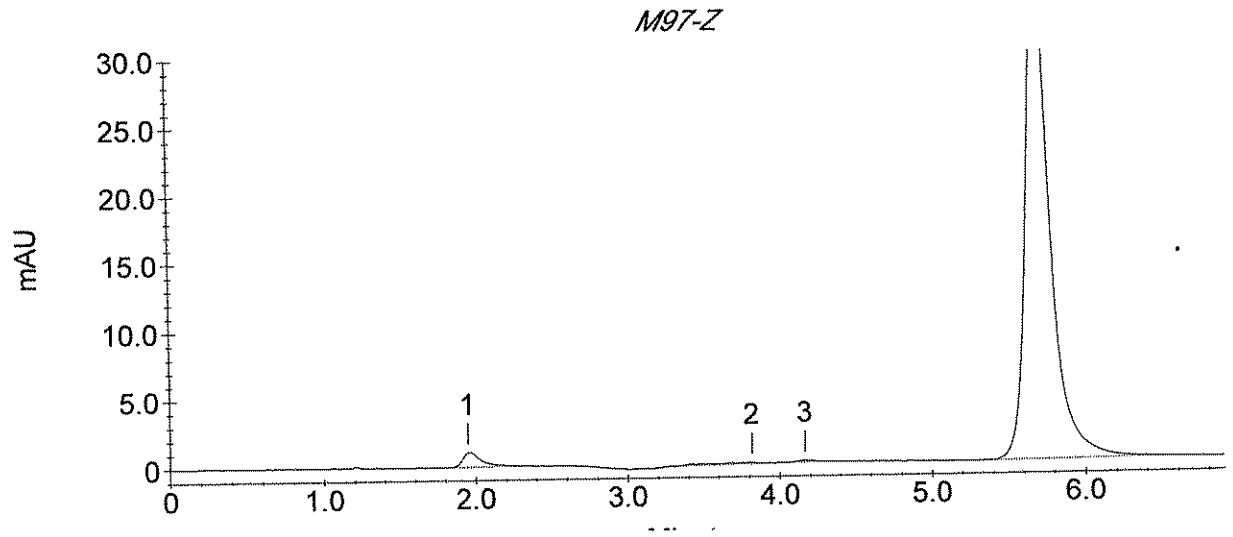
Sample Name : M97-Z
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_044.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 15:37:06
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 44
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.95	0.00	9120	1045
2		3.82	0.00	3106	118
3		4.17	0.00	1083	123
4	CRVI	5.70	60.50	404103	37390



STL Los Angeles Cr VI Sample Analysis Report

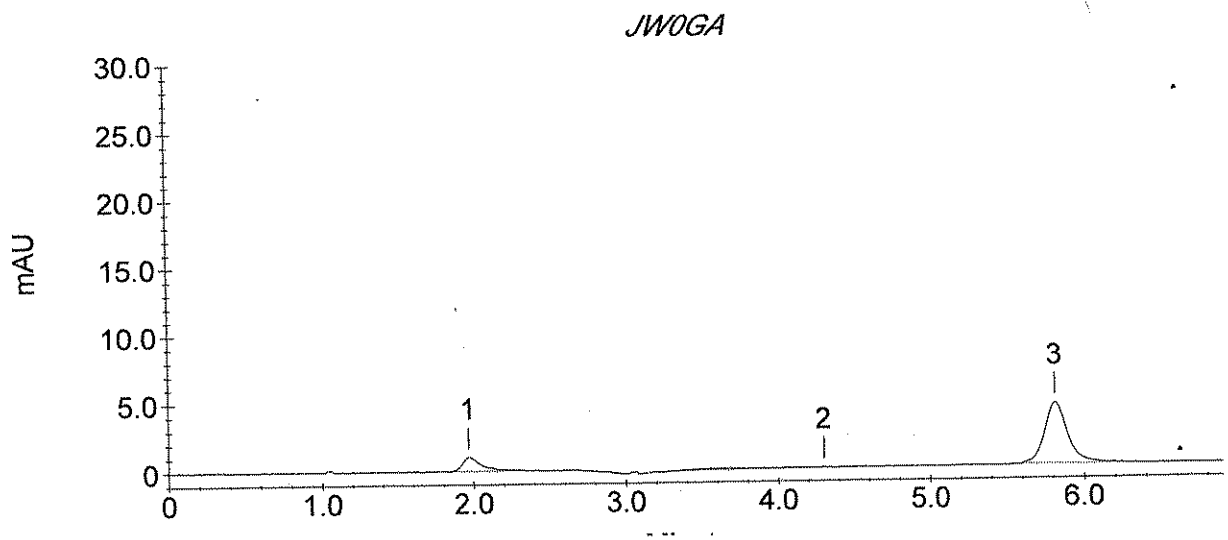
Sample Name : JW0GA
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_045.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 15:46:33
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 45
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9395	1018
2		4.30	0.00	4896	65
3	CRVI	5.82	1.39	45931	4411



STL Los Angeles Cr VI Sample Analysis Report

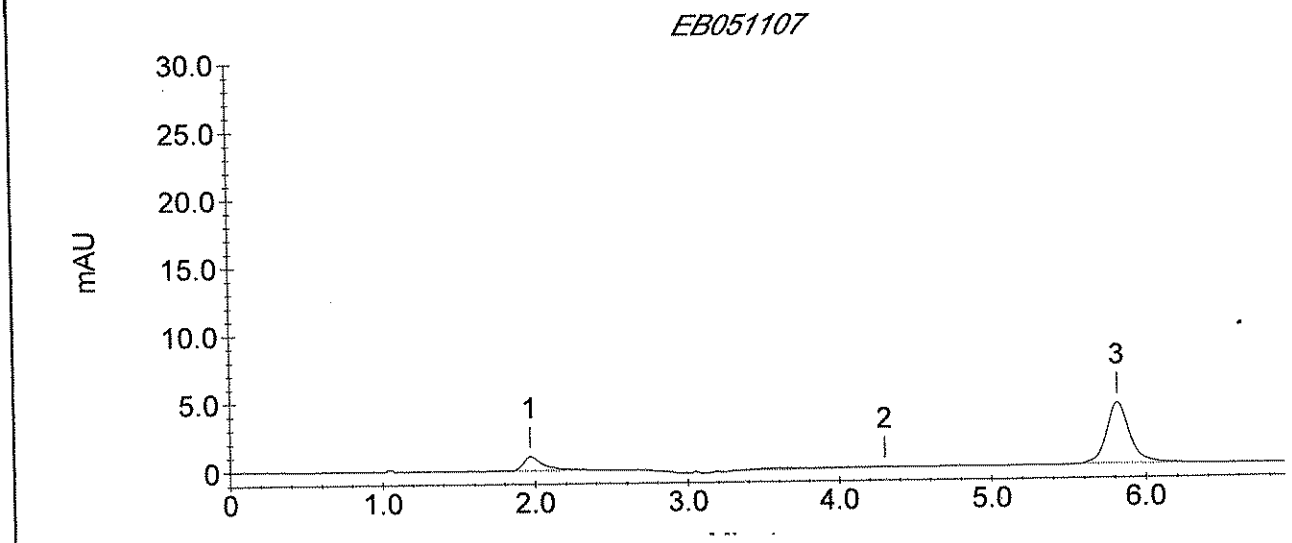
Sample Name : EB051107
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_045.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 15:46:33
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 45
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9395	1018
2		4.30	0.00	4896	65
3	CRVI	5.82	1.39	45931	4411



STL Los Angeles Cr VI Sample Analysis Report

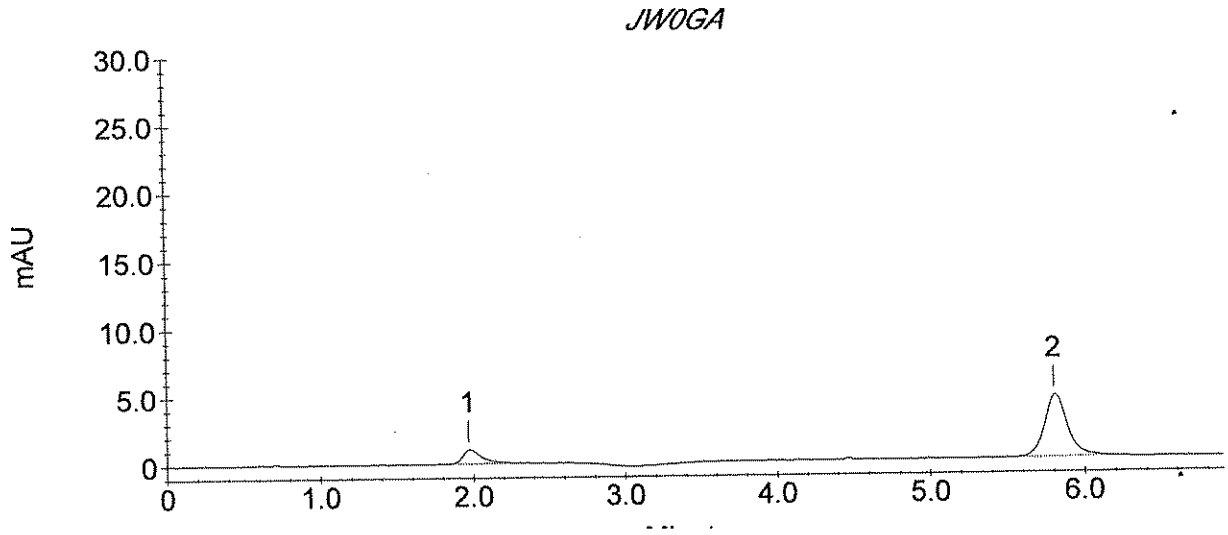
Sample Name : JW0GA
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_046.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 15:56:01
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 46
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9336	996
2	CRVI	5.80	1.42	46914	4483



STL Los Angeles Cr VI Sample Analysis Report

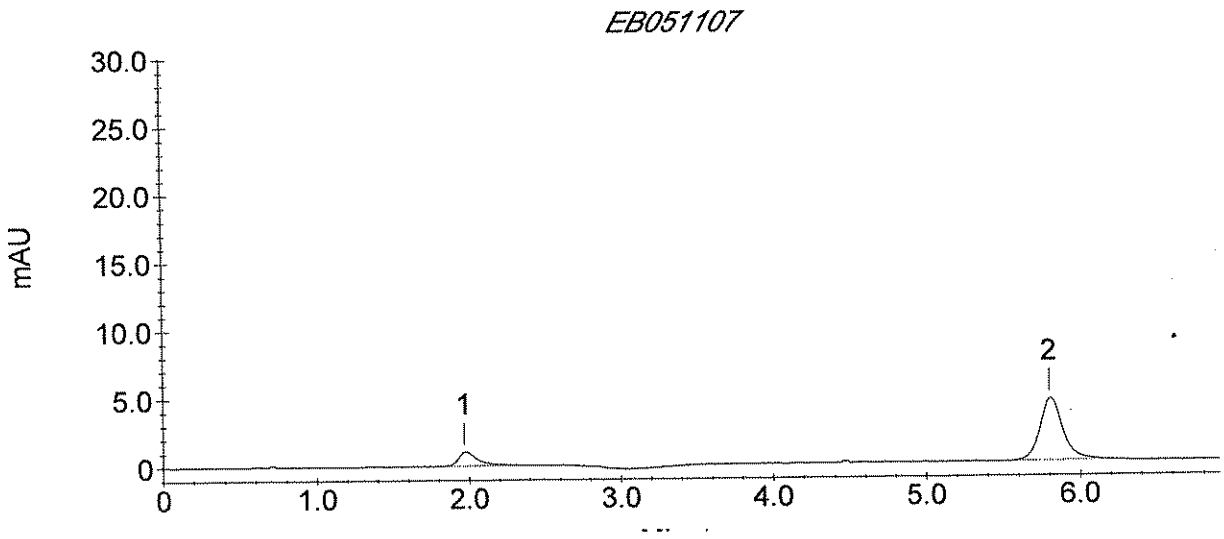
Sample Name : EB051107
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_046.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 15:56:01
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 46
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9336	996
2	CRVI	5.80	1.42	46914	4483



STL Los Angeles Cr VI Sample Analysis Report

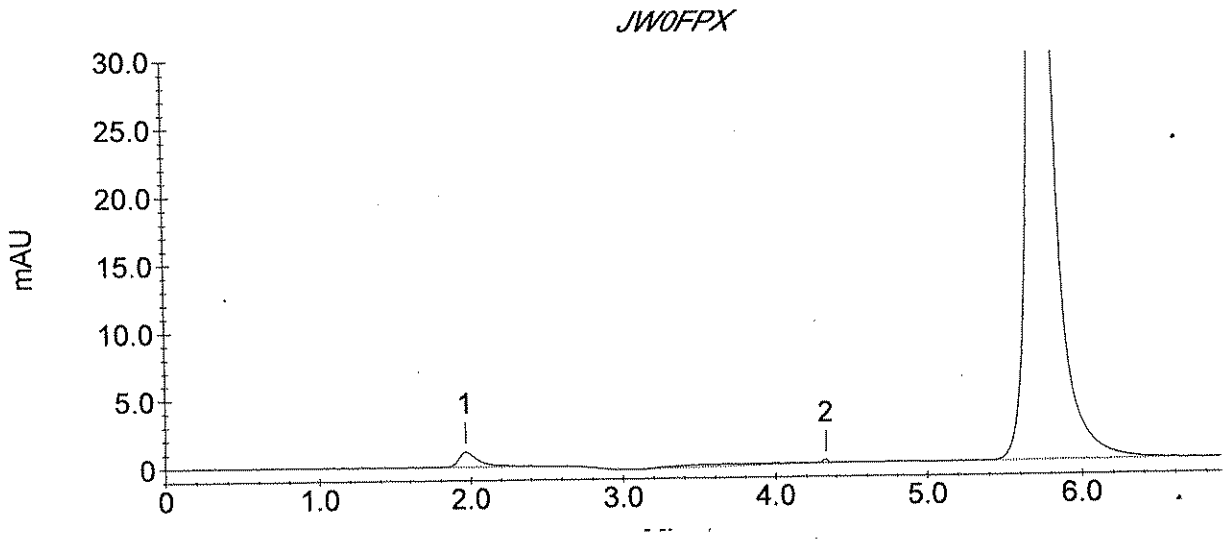
Sample Name : JW0FPX
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_047.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 16:05:28
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 47
Dilution Factor : 125.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	10329	1095
2		4.33	0.00	8039	188
3	CRVI	5.75	2519.51	673465	63910



STL Los Angeles Cr VI Sample Analysis Report

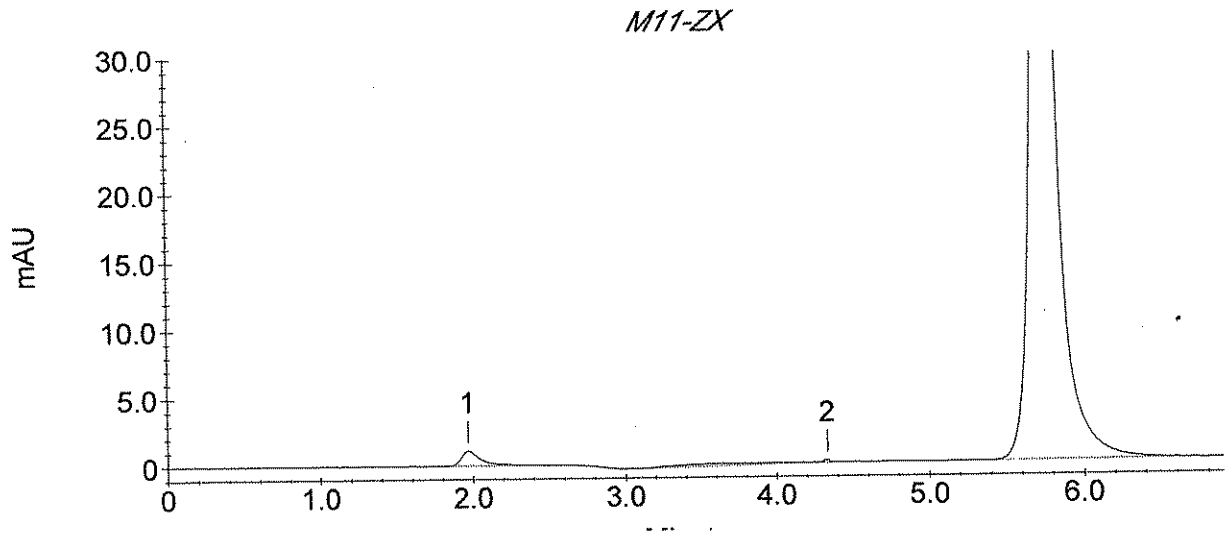
Sample Name : M11-ZX
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_047.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 16:05:28
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 47
Dilution Factor : 125.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	10329	1095
2		4.33	0.00	8039	188
3	CRVI	5.75	2519.51	673465	63910



STL Los Angeles Cr VI Sample Analysis Report

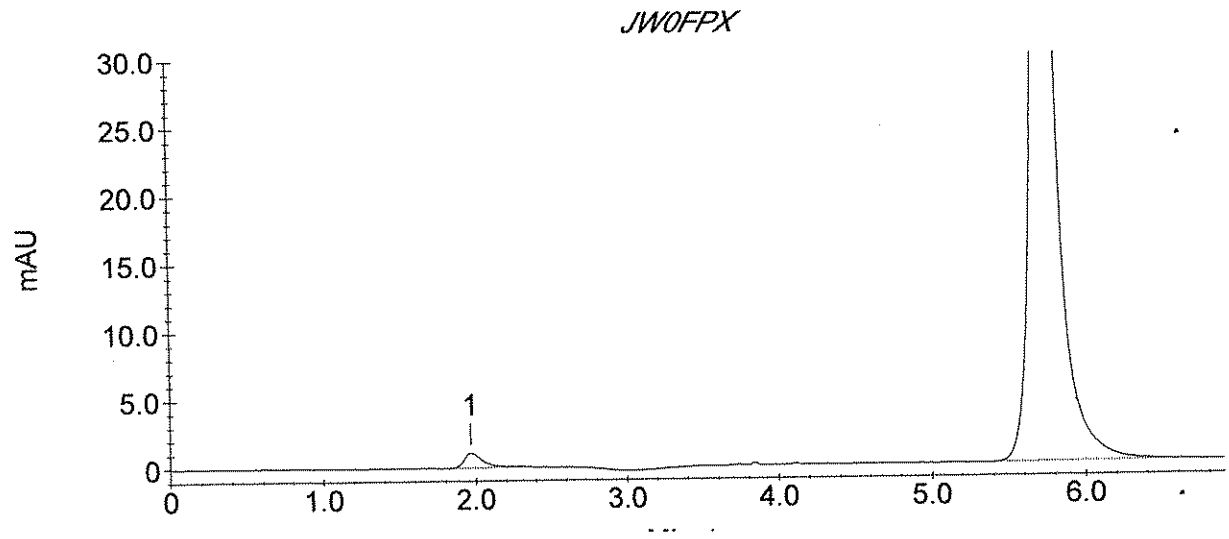
Sample Name : JW0FPX
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_048.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 16:14:56
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 48
Dilution Factor : 125.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9779	1092
2	CRVI	5.73	2516.40	672631	63721



STL Los Angeles Cr VI Sample Analysis Report

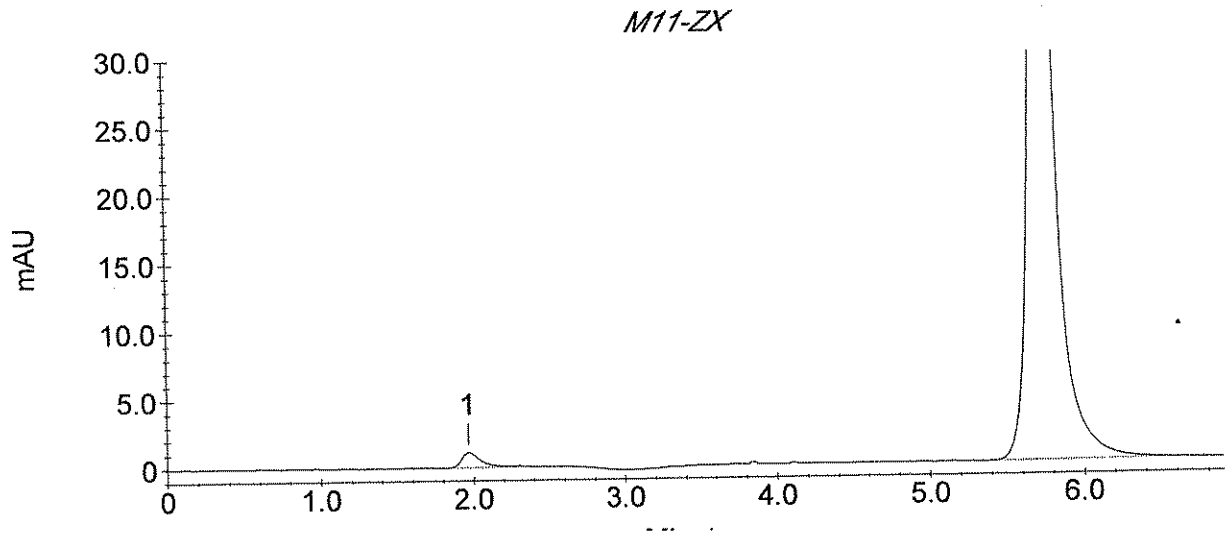
Sample Name : M11-ZX
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_048.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 16:14:56
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 48
Dilution Factor : 125.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9779	1092
2	CRVI	5.73	2516.40	672631	63721



STL Los Angeles Cr VI Sample Analysis Report

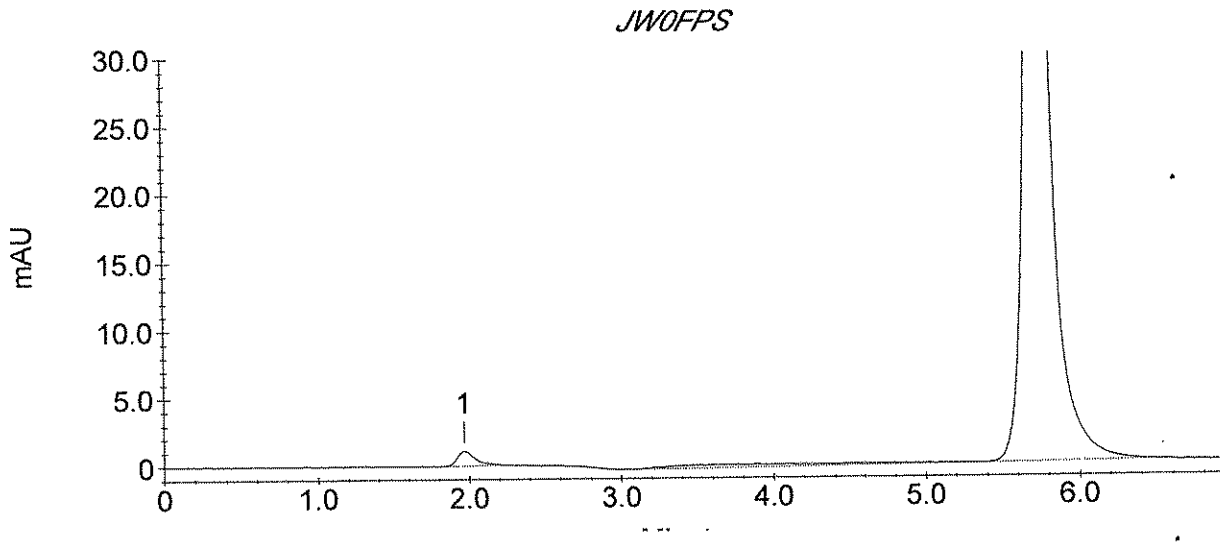
Sample Name : JW0FPS
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_049.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 16:24:17
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 49
Dilution Factor : 200.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9257	1095
2	CRVI	5.73	4405.63	736057	68581



STL Los Angeles Cr VI Sample Analysis Report

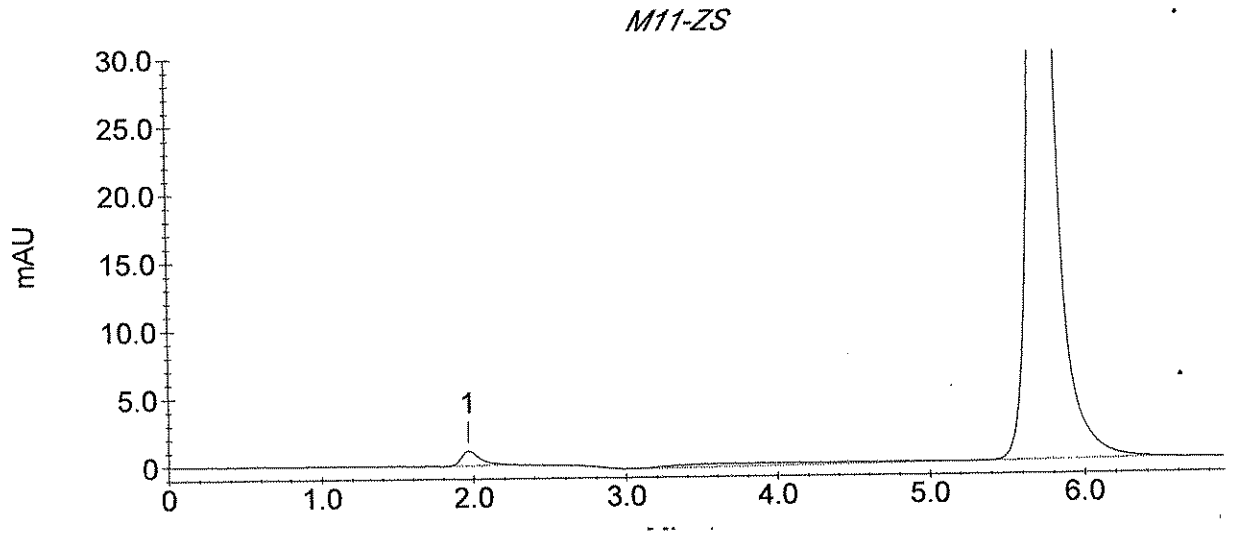
Sample Name : M11-ZS
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_049.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 16:24:17
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 49
Dilution Factor : 200.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9257	1095
2	CRVI	5.73	4405.63	736057	68581



STL Los Angeles Cr VI Sample Analysis Report

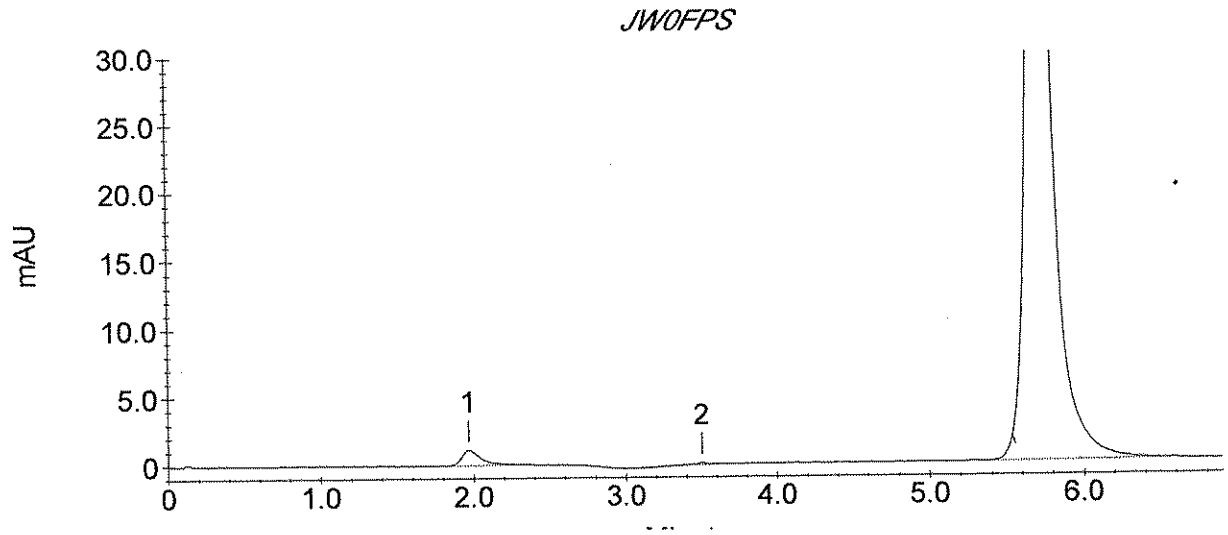
Sample Name : JW0FPS
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_050.DXD

Method File Name : ...\CRVI 050107A.met
Date Time Collected : 5/12/07 16:33:44
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 50
Dilution Factor : 200.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9734	1131
2		3.50	0.00	1981	174
3	CRVI	5.72	4231.59	706961	67645



STL Los Angeles Cr VI Sample Analysis Report

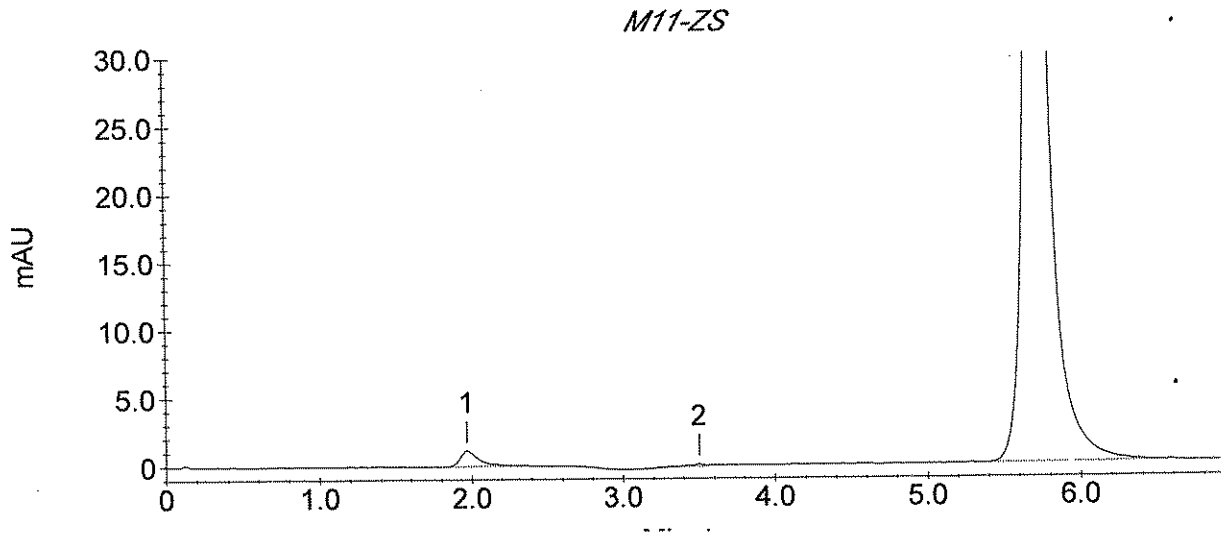
Sample Name : M11-ZS
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_050.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 16:33:44
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 50
Dilution Factor : 200.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9734	1131
2		3.50	0.00	1981	174
3	CRVI	5.72	4231.59	706961	67645



STL Los Angeles Cr VI Sample Analysis Report

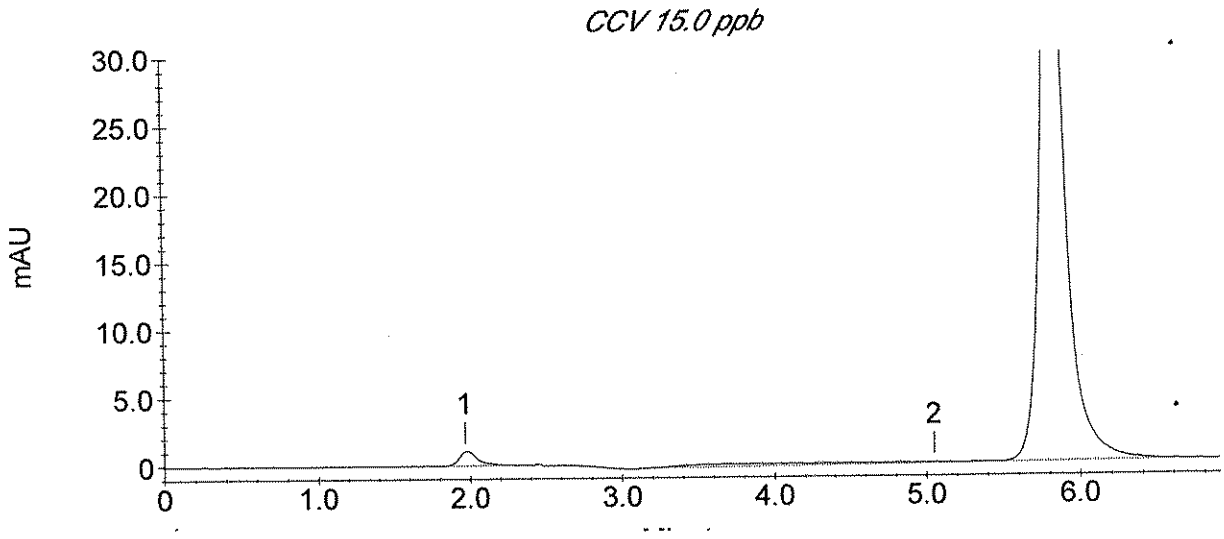
Sample Name : CCV 15.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_051.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 16:43:11
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 51
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9009	1021
2		5.05	0.00	14976	99
3	CRVI	5.82	15.43	515418	47226



STL Los Angeles Cr VI Sample Analysis Report

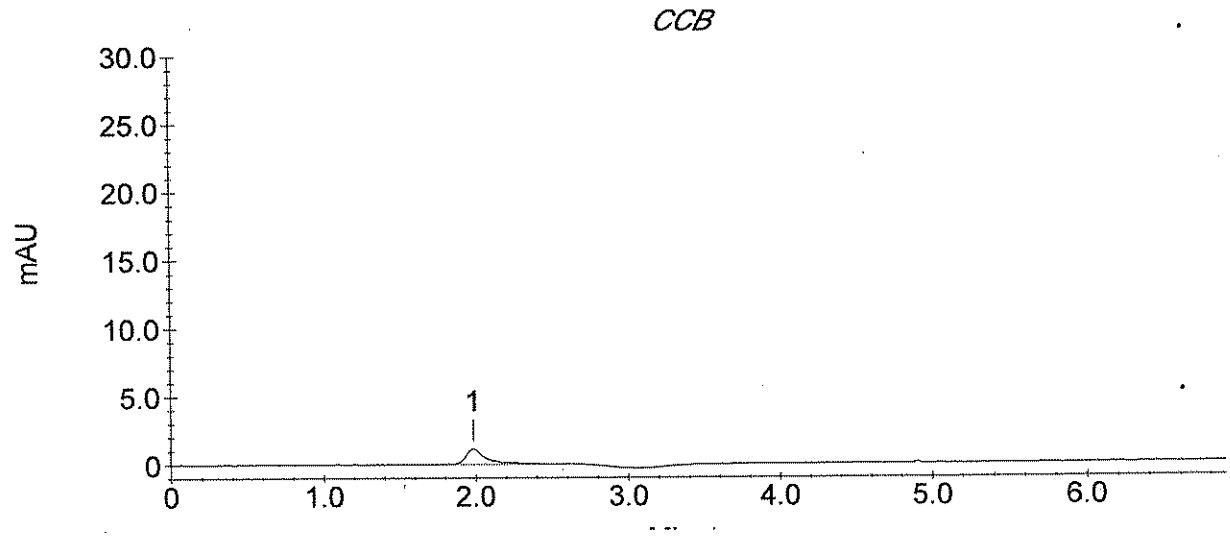
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_052.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 16:52:38
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 52
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	10855	1115



STL Los Angeles Cr VI Sample Analysis Report

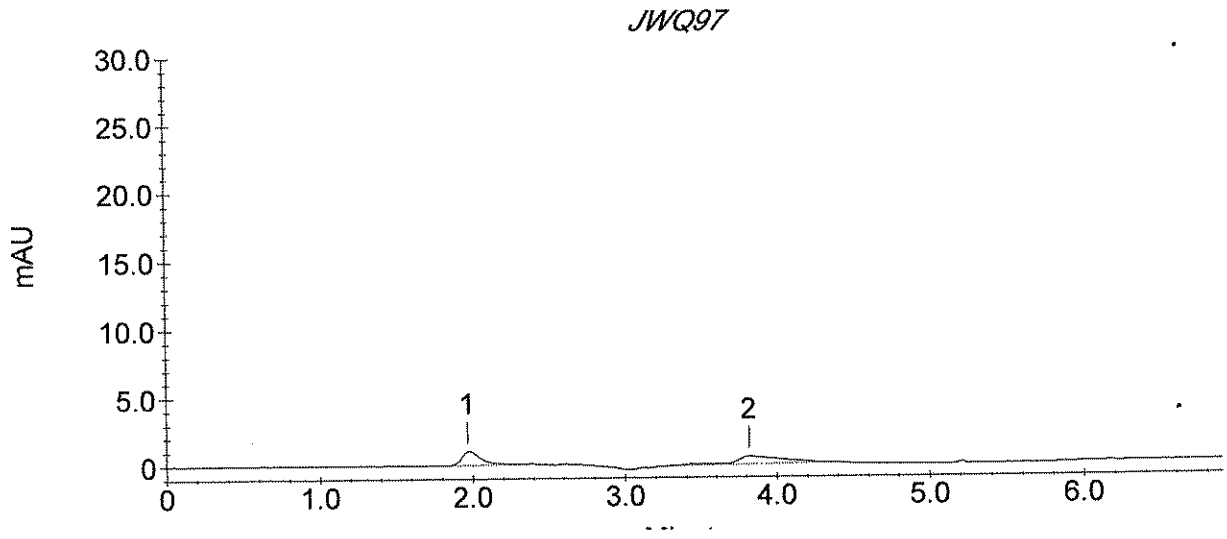
Sample Name : JWQ97
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_053.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 17:02:05
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 53
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8878	989
2		3.82	0.00	13492	571



STL Los Angeles Cr VI Sample Analysis Report

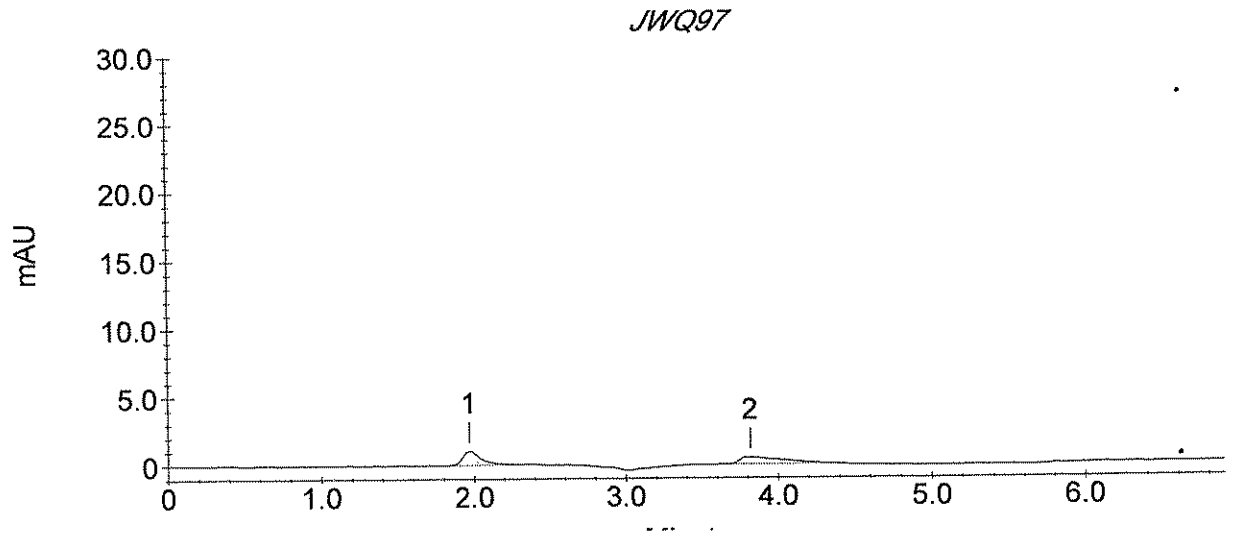
Sample Name : JWQ97
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_054.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 17:11:32
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 54
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8788	1023
2		3.82	0.00	10021	503



STL Los Angeles Cr VI Sample Analysis Report

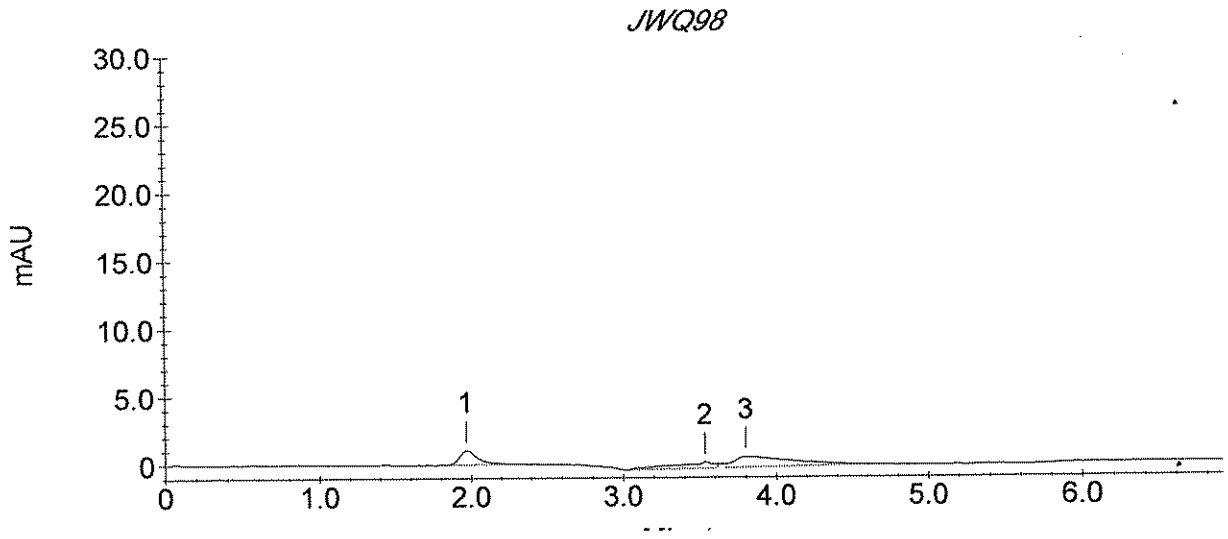
Sample Name : JWQ98
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_055.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 17:20:59
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 55
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8935	1024
2		3.53	0.00	8225	440
3		3.80	0.00	20682	761



STL Los Angeles Cr VI Sample Analysis Report

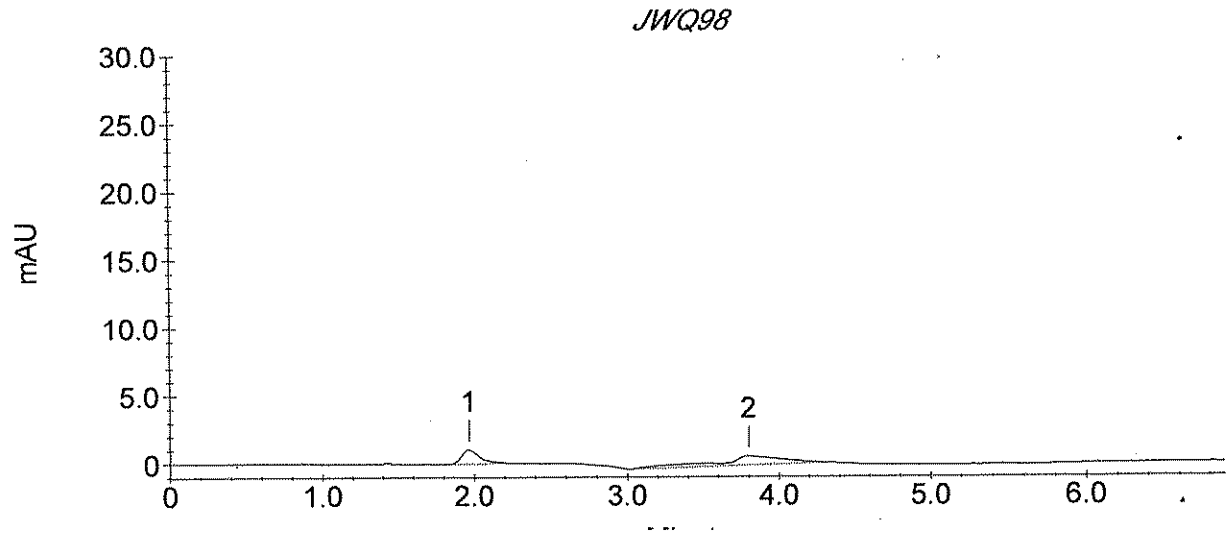
Sample Name : JWQ98
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_056.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 17:30:26
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 56
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8707	1047
2		3.80	0.00	19663	648



STL Los Angeles Cr VI Sample Analysis Report

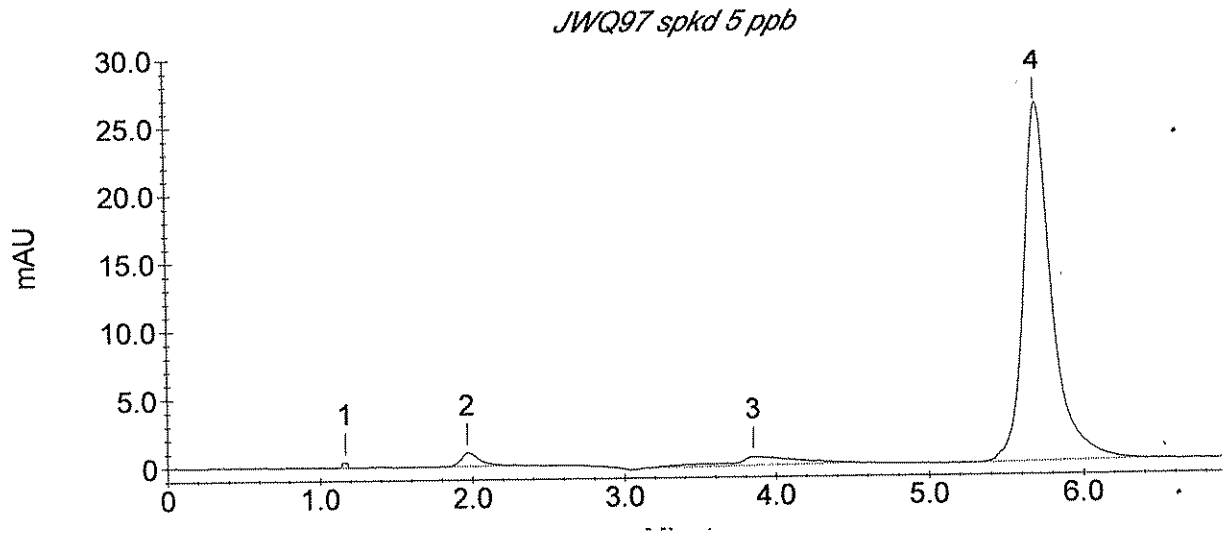
Sample Name : JWQ97 spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_057.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 17:39:54
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 57
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.17	0.00	950	353
2		1.97	0.00	8583	947
3		3.85	0.00	20196	631
4	CRVI	5.70	50.16	334970	25907



STL Los Angeles Cr VI Sample Analysis Report

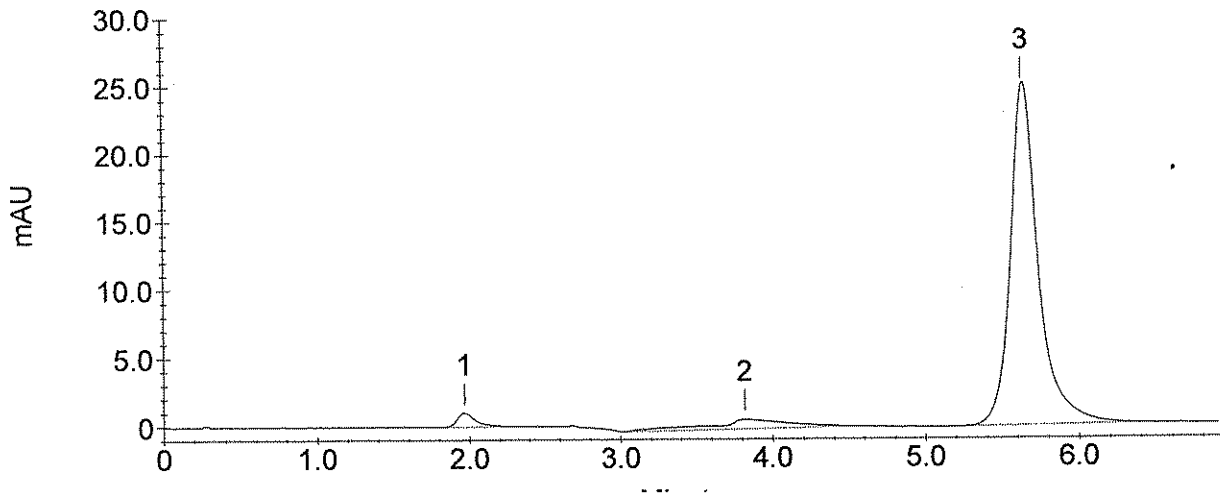
Sample Name : JWQ97 spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_058.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 17:49:21
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 58
Dilution Factor : 5.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8867	1021
2		3.82	0.00	26057	720
3	CRVI	5.63	47.71	318604	24775



STL Los Angeles Cr VI Sample Analysis Report

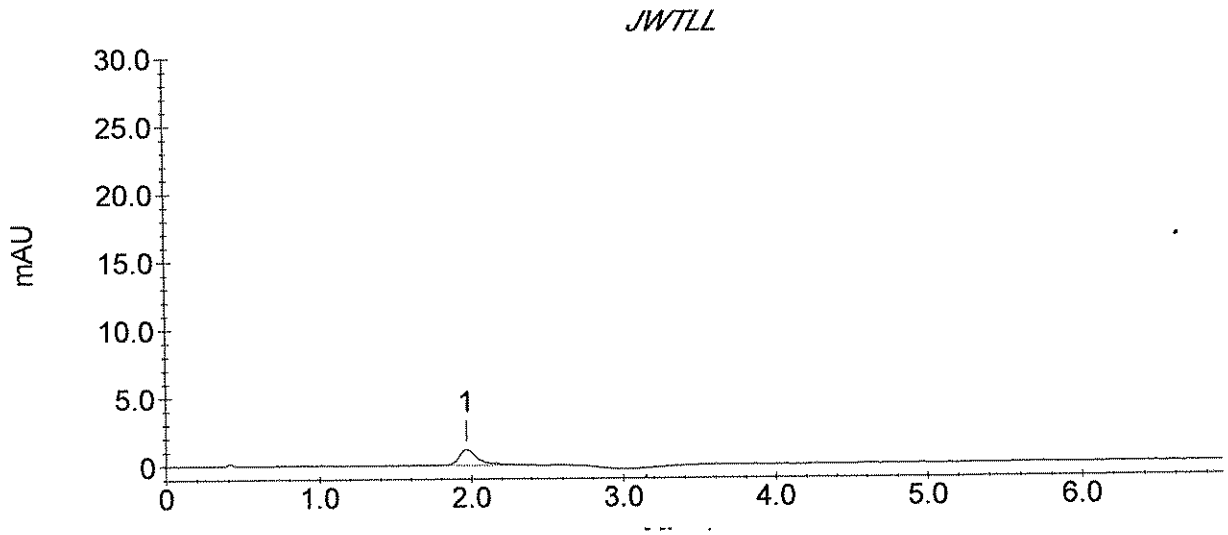
Sample Name : JWTLL
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_059.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 17:58:48
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 59
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	10452	1142



STL Los Angeles Cr VI Sample Analysis Report

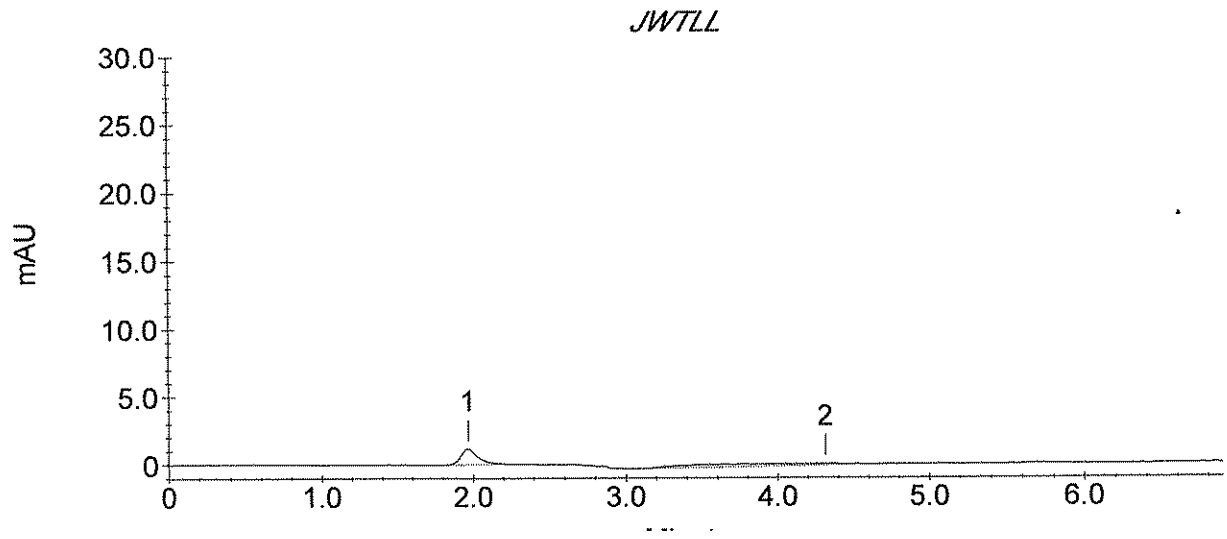
Sample Name : JWTLL
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_060.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 18:08:15
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 60
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9156	1135
2		4.32	0.00	11698	110



STL Los Angeles Cr VI Sample Analysis Report

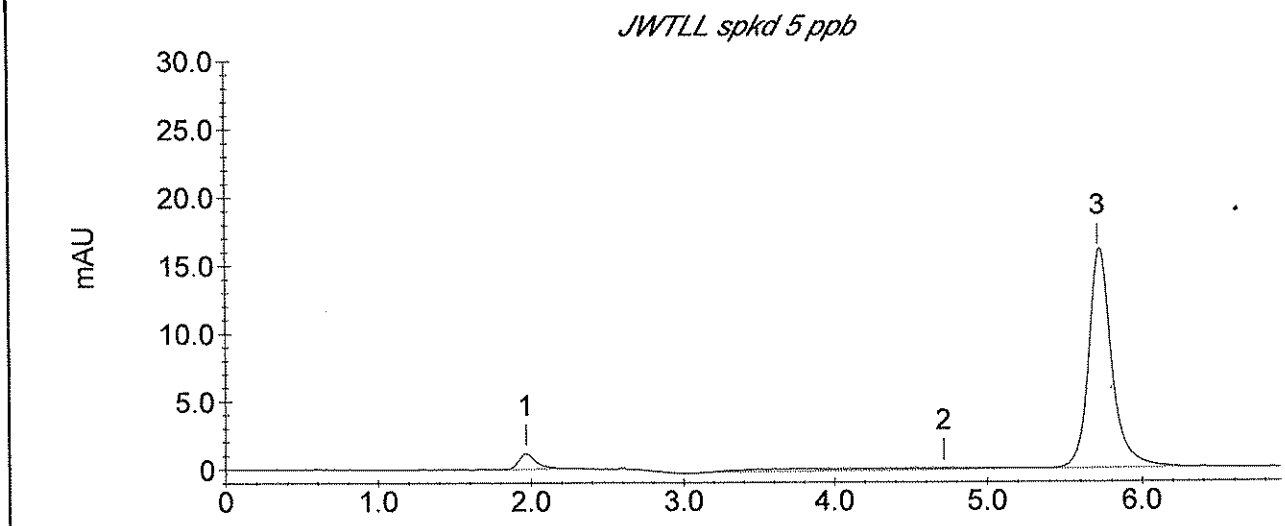
Sample Name : JWTLL spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_061.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 18:17:42
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 61
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8934	1123
2		4.72	0.00	14967	137
3	CRVI	5.72	501.69	167282	15804



STL Los Angeles Cr VI Sample Analysis Report

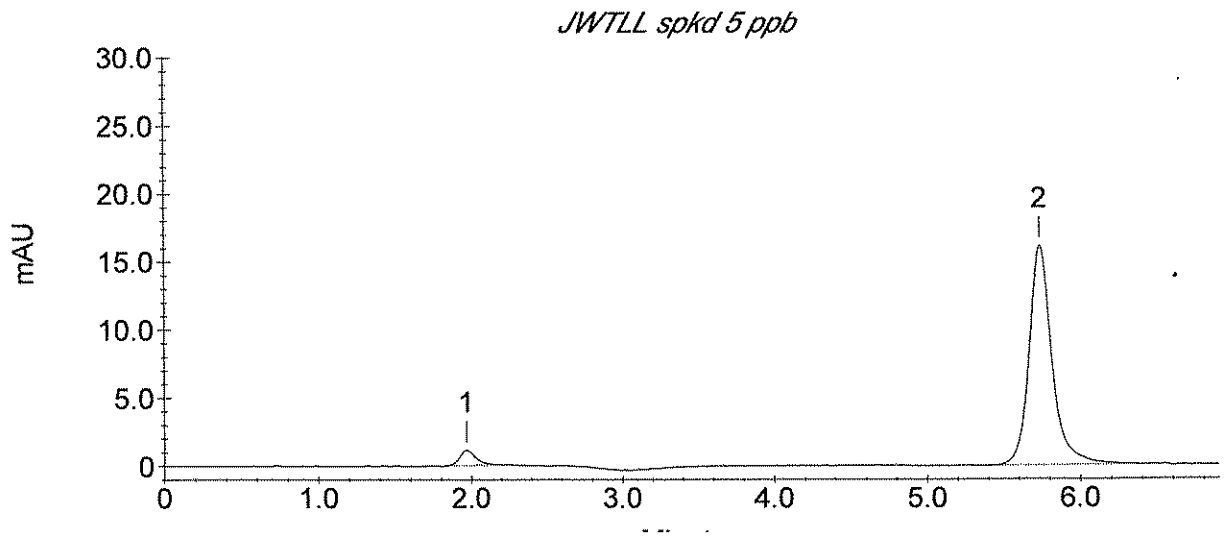
Sample Name : JWTLL spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_062.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 18:27:09
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 62
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8447	1104
2	CRVI	5.73	500.52	166890	16060



STL Los Angeles Cr VI Sample Analysis Report

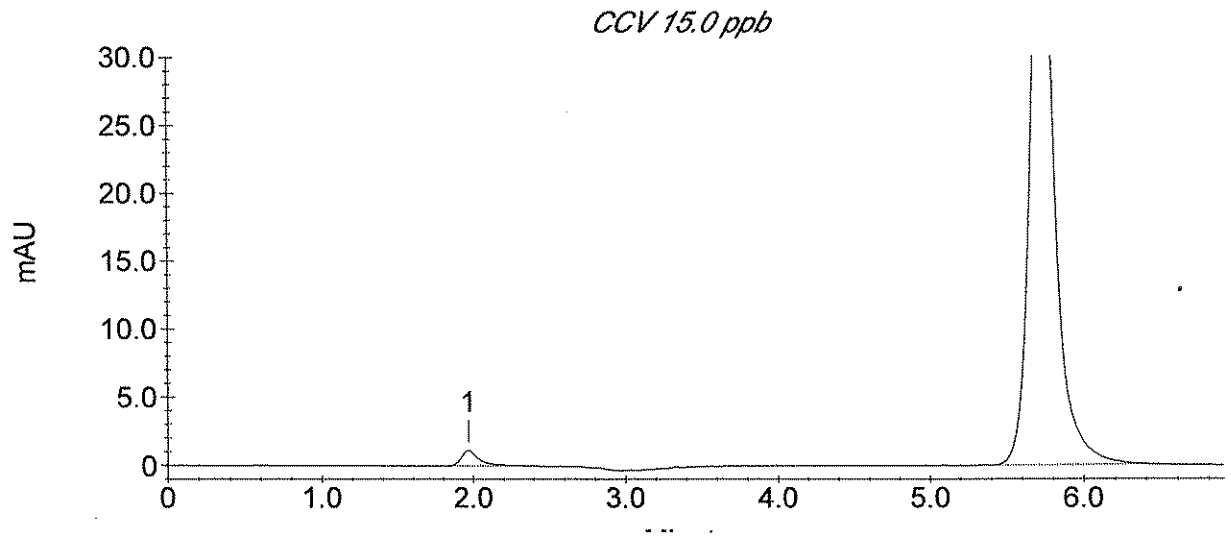
Sample Name : CCV 15.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_063.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 18:36:37
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 63
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9394	1137
2	CRVI	5.72	15.10	504354	47373



STL Los Angeles Cr VI Sample Analysis Report

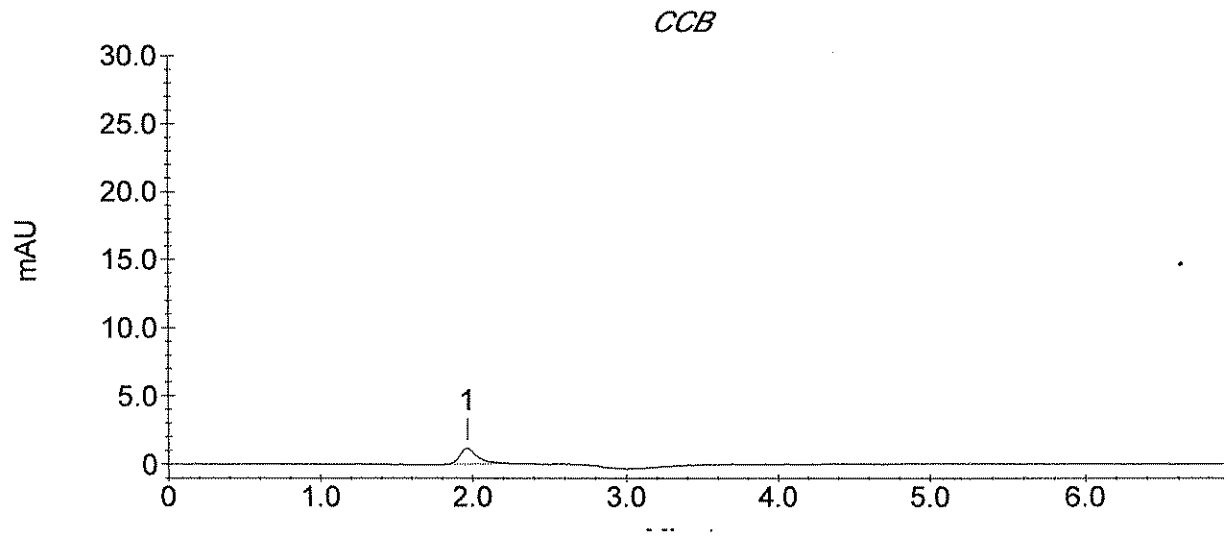
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_064.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 18:46:04
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 64
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9403	1149



STL Los Angeles Cr VI Sample Analysis Report

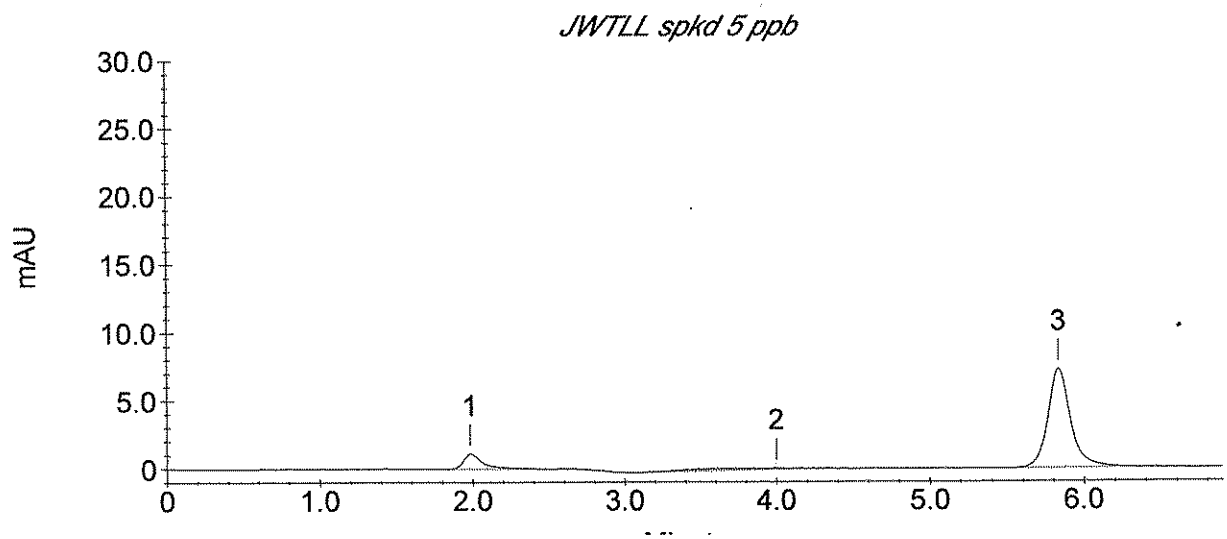
Sample Name : JWTLL spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_065.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 18:55:31
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 65
Dilution Factor : 20.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.98	0.00	10158	1104
2		4.00	0.00	6281	112
3	CRVI	5.83	45.10	74942	7243



STL Los Angeles Cr VI Sample Analysis Report

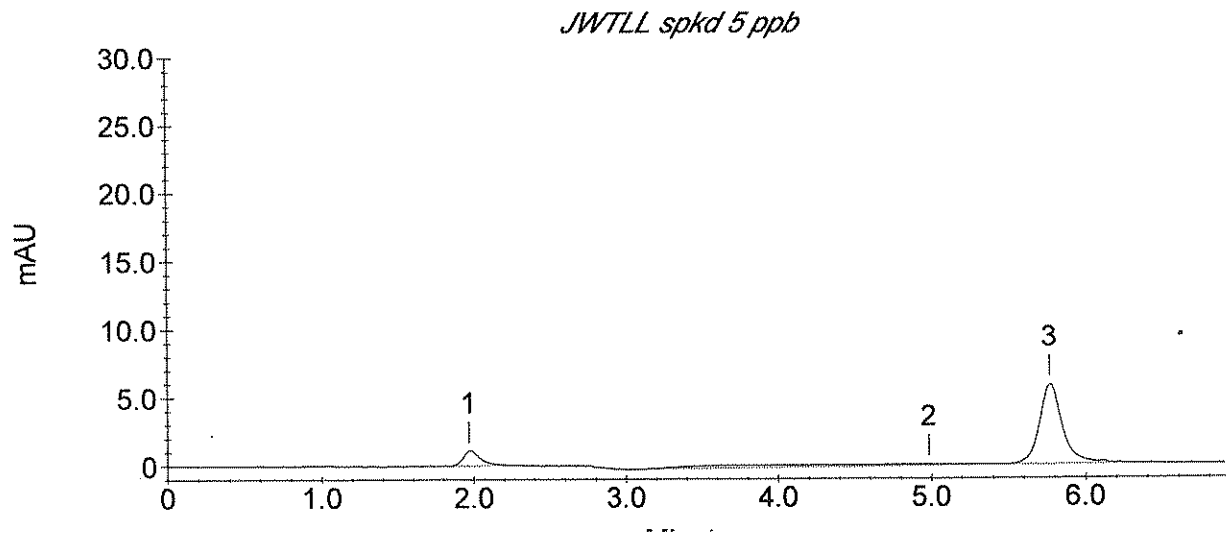
Sample Name : JWTLL spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_066.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 19:04:58
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 66
Dilution Factor : 20.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8562	1062
2		4.98	0.00	16146	121
3	CRVI	5.77	36.87	61179	5808



STL Los Angeles Cr VI Sample Analysis Report

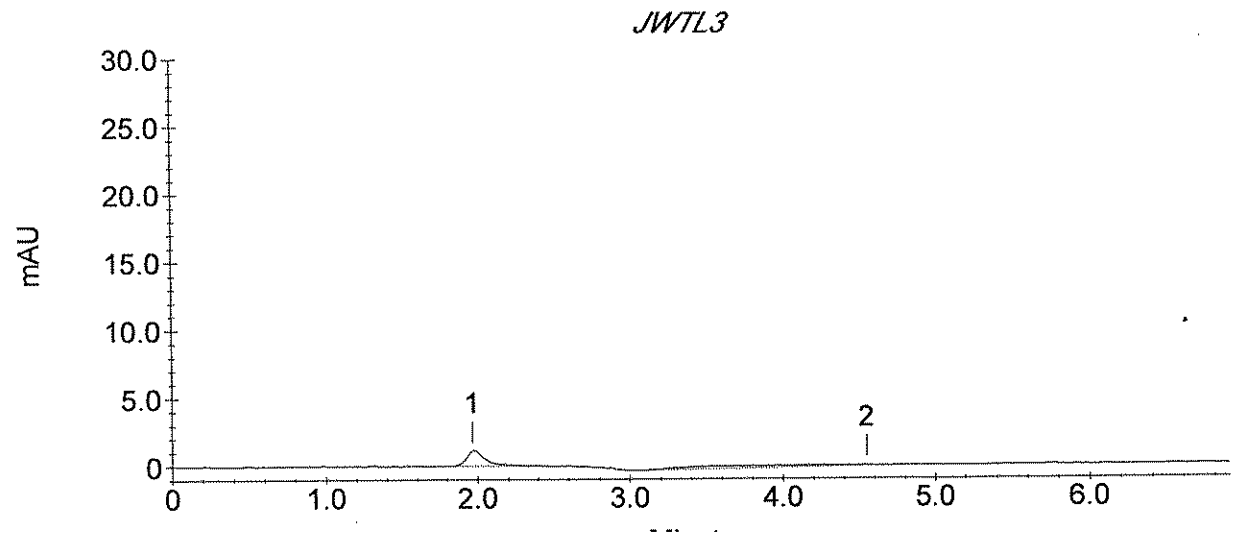
Sample Name : JWTL3
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_067.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 19:14:25
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 67
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9280	1091
2		4.55	0.00	11162	77



STL Los Angeles Cr VI Sample Analysis Report

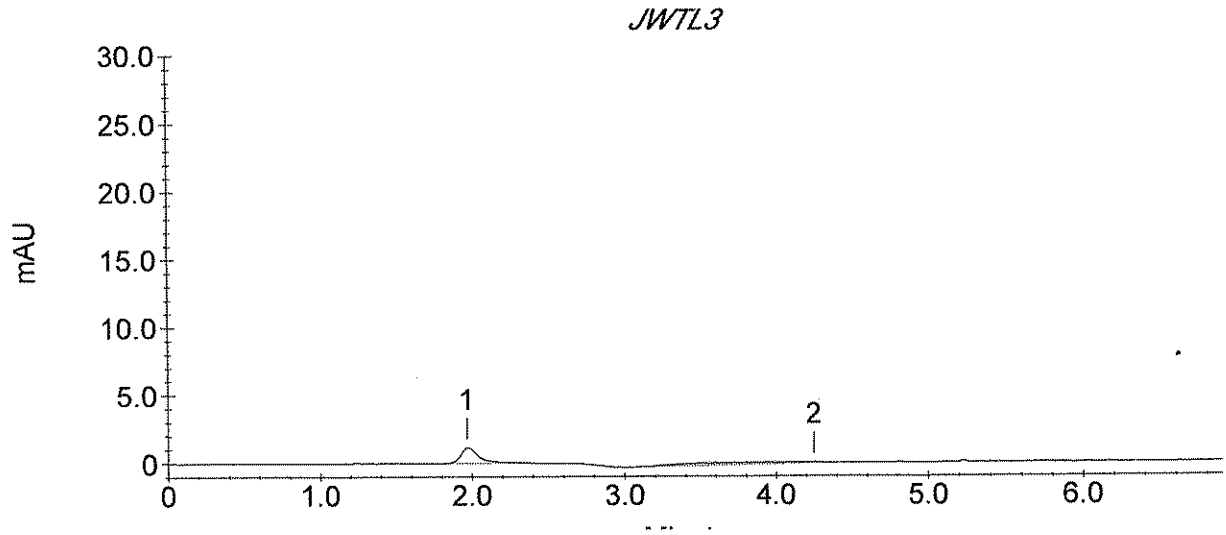
Sample Name : JWTL3
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_068.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 19:23:53
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 68
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9163	1122
2		4.25	0.00	8267	94



STL Los Angeles Cr VI Sample Analysis Report

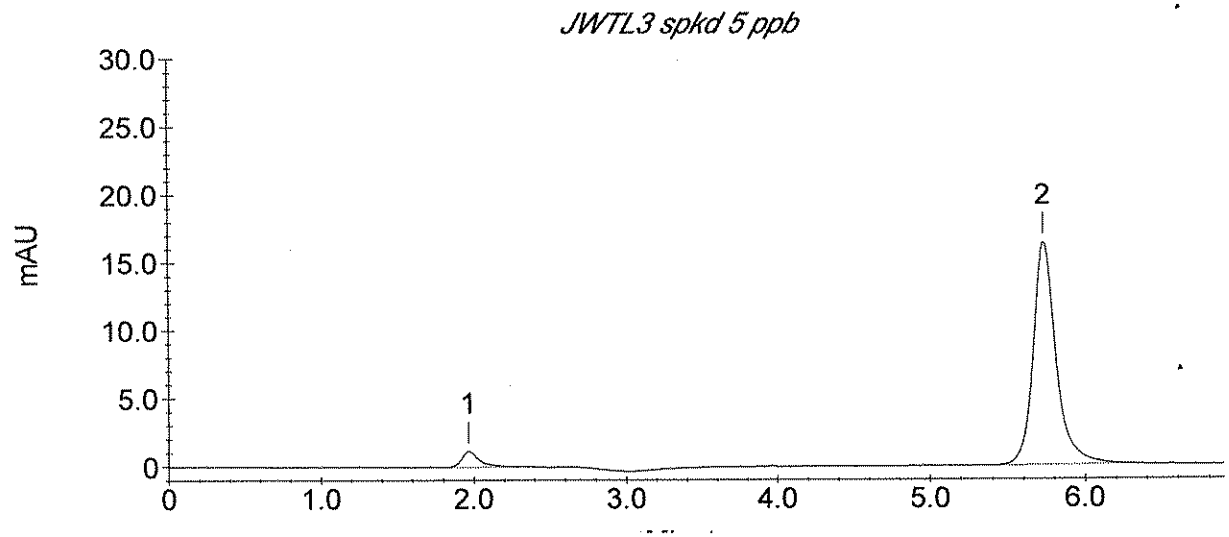
Sample Name : JWTL3 spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_069.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 19:33:20
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 69
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9529	1151
2	CRVI	5.73	506.16	168777	16308



STL Los Angeles Cr VI Sample Analysis Report

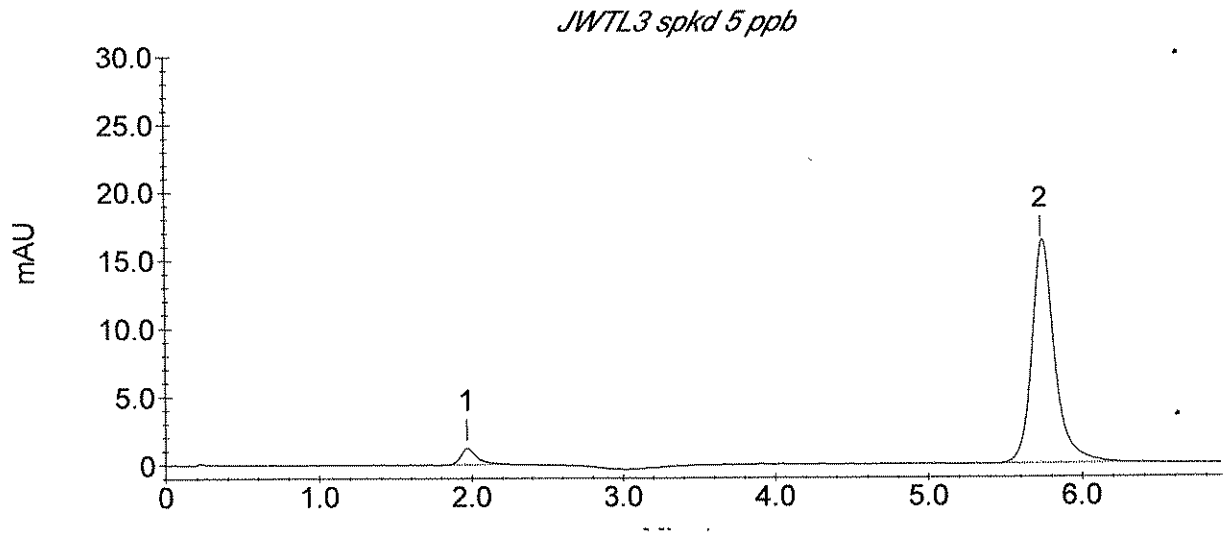
Sample Name : JWTL3 spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_070.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 19:42:47
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 70
Dilution Factor : 100.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9274	1193
2	CRVI	5.73	508.19	169457	15922



STL Los Angeles Cr VI Sample Analysis Report

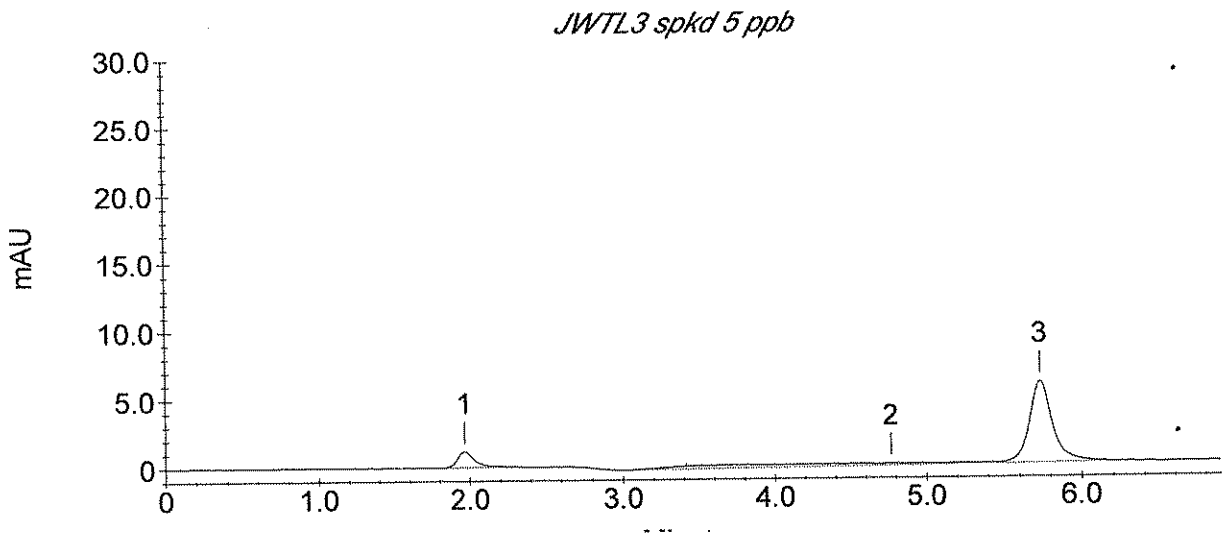
Sample Name : JWTL3 spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_071.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 19:52:14
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 71
Dilution Factor : 20.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9825	1171
2		4.77	0.00	21680	159
3	CRVI	5.73	37.56	62339	5938



STL Los Angeles Cr VI Sample Analysis Report

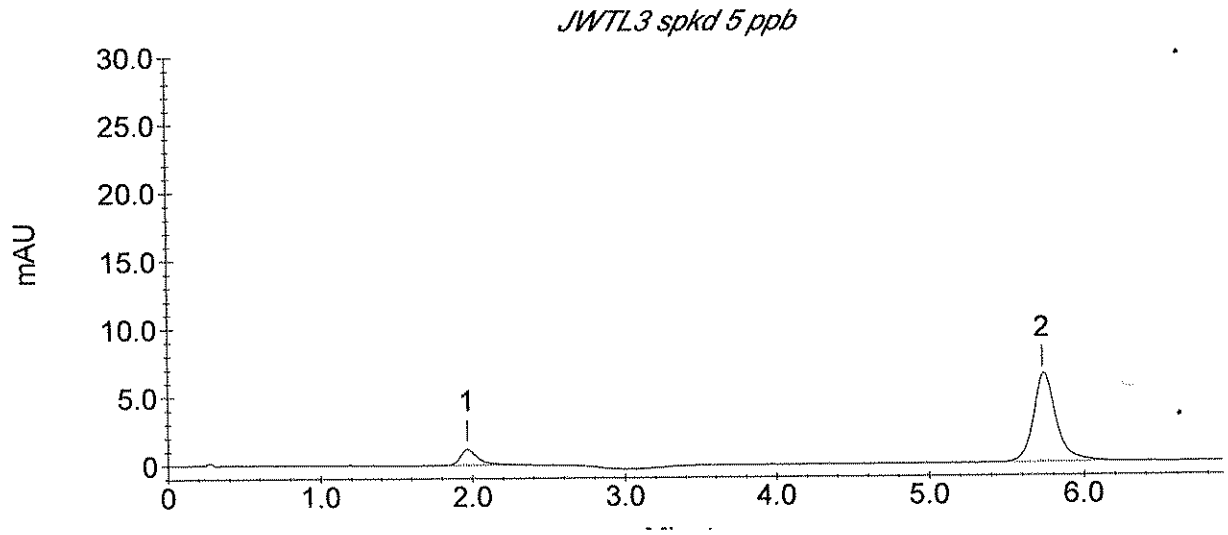
Sample Name : JWTL3 spkd 5 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_072.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 20:01:42
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 72
Dilution Factor : 20.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9339	1159
2	CRVI	5.73	40.20	66753	6345



STL Los Angeles Cr VI Sample Analysis Report

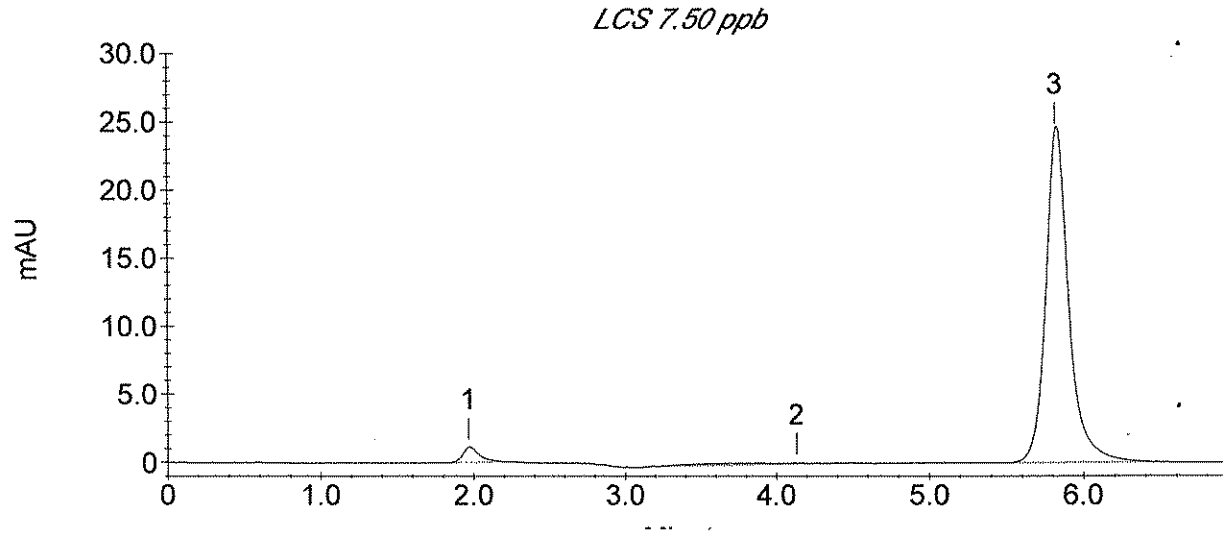
Sample Name : LCS 7.50 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_073.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 20:11:08
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 73
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	8330	1076
2		4.13	0.00	6208	89
3	CRVI	5.82	7.71	257409	24211



STL Los Angeles Cr VI Sample Analysis Report

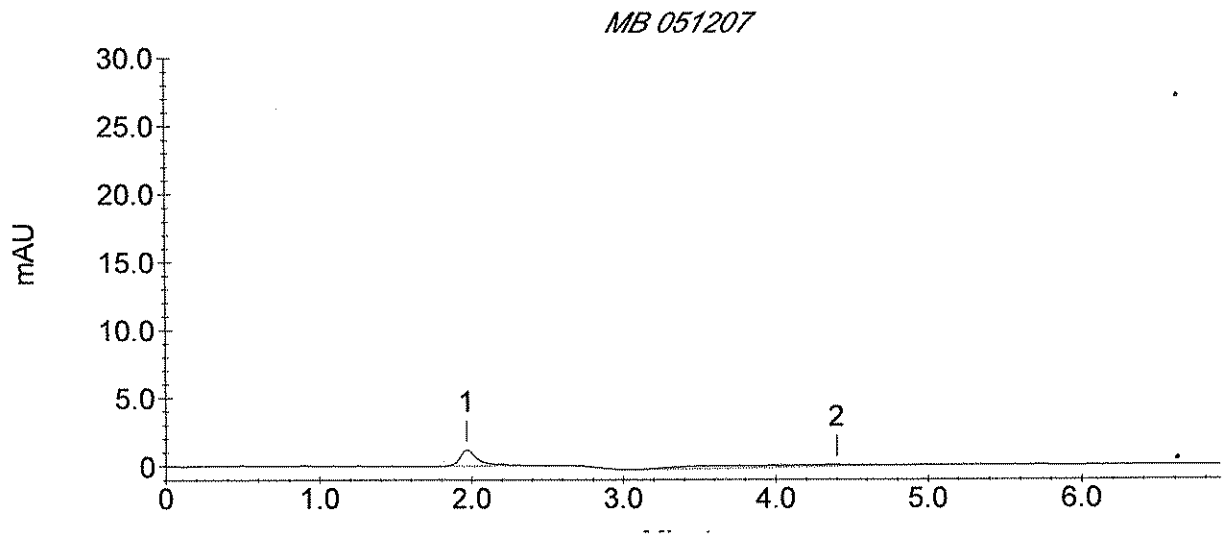
Sample Name : MB 051207
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_074.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 20:20:36
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 74
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9939	1174
2		4.40	0.00	13159	122



STL Los Angeles Cr VI Sample Analysis Report

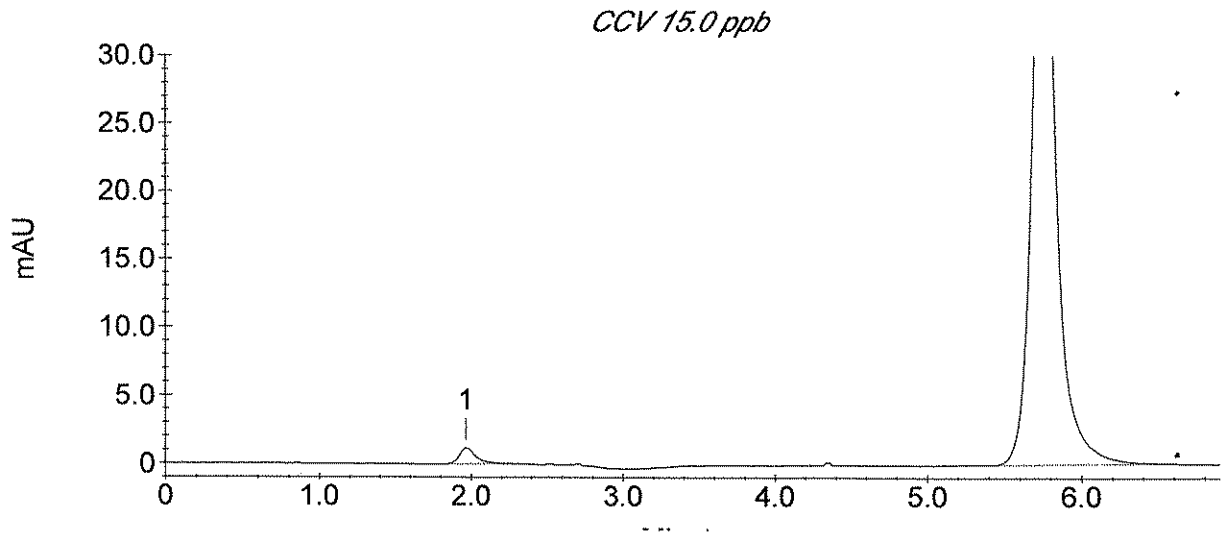
Sample Name : CCV 15.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_075.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 20:30:03
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 75
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9093	1169
2	CRVI	5.75	15.04	502473	48386



STL Los Angeles Cr VI Sample Analysis Report

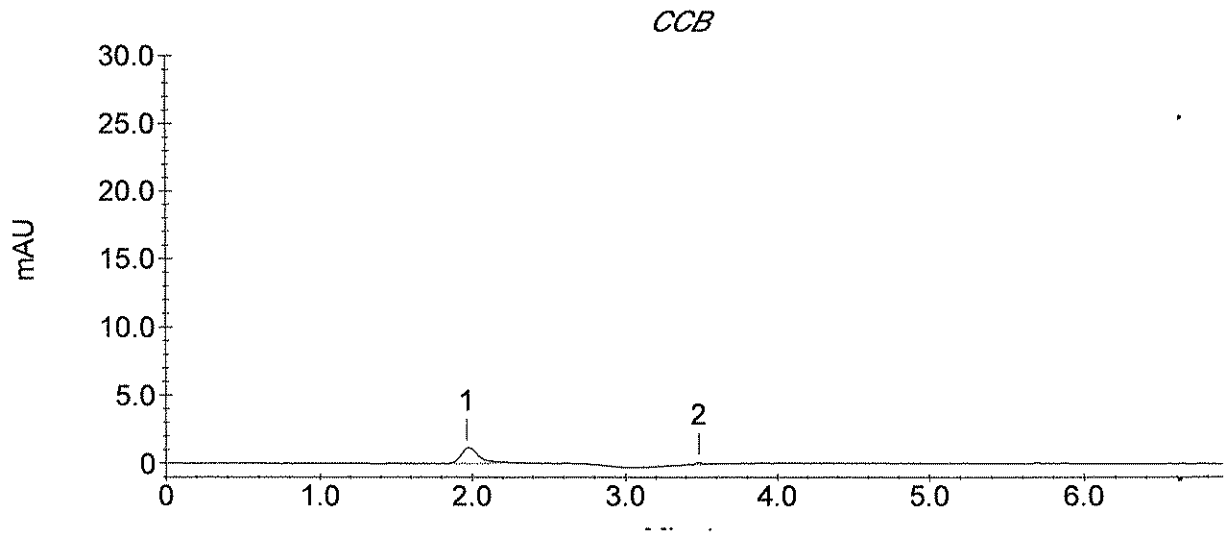
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI051207_076.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/12/07 20:39:31
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 76
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		1.97	0.00	9582	1085
2		3.48	0.00	672	136



SEVERN TRENT STL

STL Los Angeles

Hexavalent Chromium by Ion Chromatography
Standards and Reagent Log

Method EPA 218.6 _____ SW 846 7199 ✓
Analyst: YZ
Date: 5/11/07

Reagent Lot Numbers/Expiration Dates

Chromatographic Eluent: 2007-17-5-38 / 5/1/08
Post-column Reagent: 2007-17-4-40 / 5/5/07
Buffer Solution: 2007-17-1-1 / 1/2/08
Dilution Water: 2 liters of DI water adjusted to a pH of 9.0 to 9.5 with buffer solution.
Final pH: 9.03

Preparation of Intermediate Calibration and Check (ICV/LCS) Standard:

Analyte	Stock Concentration (mg/L)	Volume of Stock (mL)	Final Volume (mL)	Final Concentration (mg/L)
Calibration	1000	0.1	1000	0.1
Check	1000	0.1	1000	0.1

Intermediate Standard Lot Numbers/Expiration Dates
Calibration Standard: 2007-17-5-18 / 5/8/07
Check (ICV/LCS) Standard: 2007-17-6-18 / 5/8/07

Preparation of Calibration and Check Standards:
All standards and blanks are prepared with dilution water at a pH of 9.0 to 9.5.

Standard Name	Standard Conc.	Source Conc. (mg/L)	Source Solution	mL of Source	Final Volume
Cal Blank	0 mg/L	NA	Dilution water	10	10 mL
Cal Std 1	0.0002 mg/L	0.1	Intermediate Calib Stock	0.02	10 mL
Cal Std 2	0.001 mg/L	0.1	Intermediate Calib Stock	0.1	10 mL
Cal Std 3	0.010 mg/L	0.1	Intermediate Calib Stock	1.0	10 mL
Cal Std 4	0.025 mg/L	0.1	Intermediate Calib Stock	2.5	10 mL
ICV/LCS	0.0075 mg/L	0.1	Intermediate ICV Stock	0.75	10 mL
ICB/CCB/MB	0 mg/L	NA	Dilution water	10	10 mL
CCV	0.015 mg/L	0.1	Intermediate Calib Stock	1.5	10 mL
MS/MSD	0.010 mg/L	0.1	Intermediate ICV Stock	1.0	10 mL Sample

Method Report - CRVI 050107A.met

Method Information : Select Module(s)

System Name : CRVI
System Number : 2
Method Type : Ion Chromatography
Column : AS7-11445, NG1-19183
Analyst : YZ
Comment : Comment: 4 point plus blank
Calibration 05/01/07
Eluent 2007-17-3-38
Post-Column Reagent 2007-17-4-40
Calibration Source: ERA 10075.2
ICV Source: 2007-17-2-1
Curve: linear
Cr 6+ (0.2 - 25 ppb)
Instrument :W18

AD25 Timed Events

Module Name :
Module Serial Number :
UV Lamp : Off
Visible Lamp : On
Offset Level: 10%
Calibration: Off
Polarity: Positive
TTL1 : TTL 1
TTL2 : TTL 2
Relay1 : RLY 1
Relay2 : RLY 2

AD25 Detector Parameters

Detector Type : AD25
Data collection time (minutes) : 7.00
Data Collection Rate (Hz.) : 5.00
Rise Time (Sec.) : 2.00
Real time plot scale maximum (mAU) : 30.000
Real time plot scale minimum (mAU) : -1.000

AD25 Integration Parameters

Peak detection algorithm : Standard
Starting peak width (seconds) : 10.00
Peak threshold : 0.50
Peak area reject (area counts) : 1000.00
Reference peak area reject (area counts) : 1000.00

AD25 Smoothing Parameters

Filter Type : No filter

AD25 Report Data

Report Format File : C:\PeakNet\method\DEFAULT.RPT
Print Sample Analysis : Yes
Print Calibration Update : Yes
Print Check Standard : Yes
System Suitability Tests :
No system suitability tests selected.

AD25 Integration Data Events

AD25 Calibration Parameters

External or internal calibration : EXTERNAL
Number of replicates for calibration : 1
Rejection : Manual
Level Weighting : Equal
Calibration standard volume : 1.00
Default sample volume : 1.00
Amount units : PPB
Replace retention time : Yes
Update response : Yes
Default dilution factor : 1.00
Default response factor for unknown peaks : 0.00
Calculate unknowns by area or height : Area

AD25 Component Identification Table

Component	Retention	Tolerance	Reference
CRVI	5.78 min	1.00 min	

AD25 Component Quantitation Table

Component	Retention	Low Limit	High Limit
CRVI	5.78 min	0	0

AD25 Component Calibration Table

Component	Retention Time	Curve Fit	Origin	Cal. by	Response Component	Relative Factor
CRVI	5.78 min	Linear	Include	Area		0.00

AD25 Component = CRVI Levels Table

Retention Time : 5.78 min
Amount units : PPB
Replicate unit type : Area
Number of levels : 5
Number of replicates : 1

Level	Amount	Replicate 1
1	0.00	0
2	0.20	6278.4
3	1.00	32567.8
4	10.00	333705
5	25.00	835512

AD25 XY Data Parameters

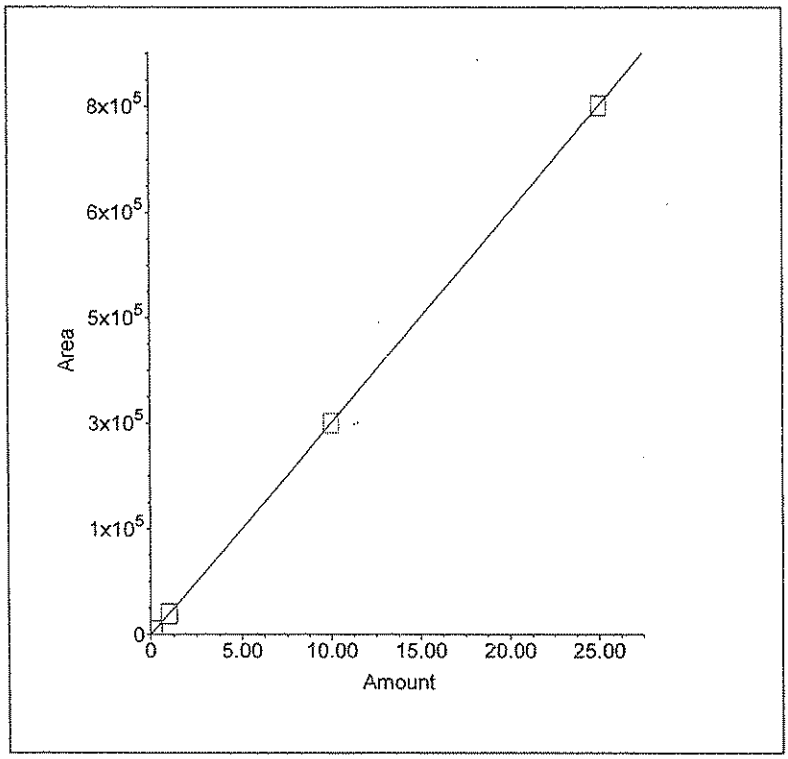
IP25 Timed Events

Module Name :
Module Serial Number :
Description :
Low Pressure Limit : 20.0
High Pressure Limit : 3000.0
Piston Size : Standard
Pressure Unit : psi
Oven Temperature : Oven Not Installed

Time	Flow	Valve	Column	TTL1	TTL2	Relay1	Relay2
Init	1.00	Load	B	Low	Low	Open	Open
0.00	1.00	Load	B	Low	Low	Closed	Open
2.40	1.00	Inject	B	Low	Low	Open	Open

Method:C:\PEAKNET\METHOD\CRVI 050107A.MET Updated:5/1/07 12:25:00 Total:1

1. Component:CRVI
Standard:External Fit Type:Linear
Origin:Include Calibration:Area
r^2=0.999999
Amt=2.991e-005*Resp+0.0137



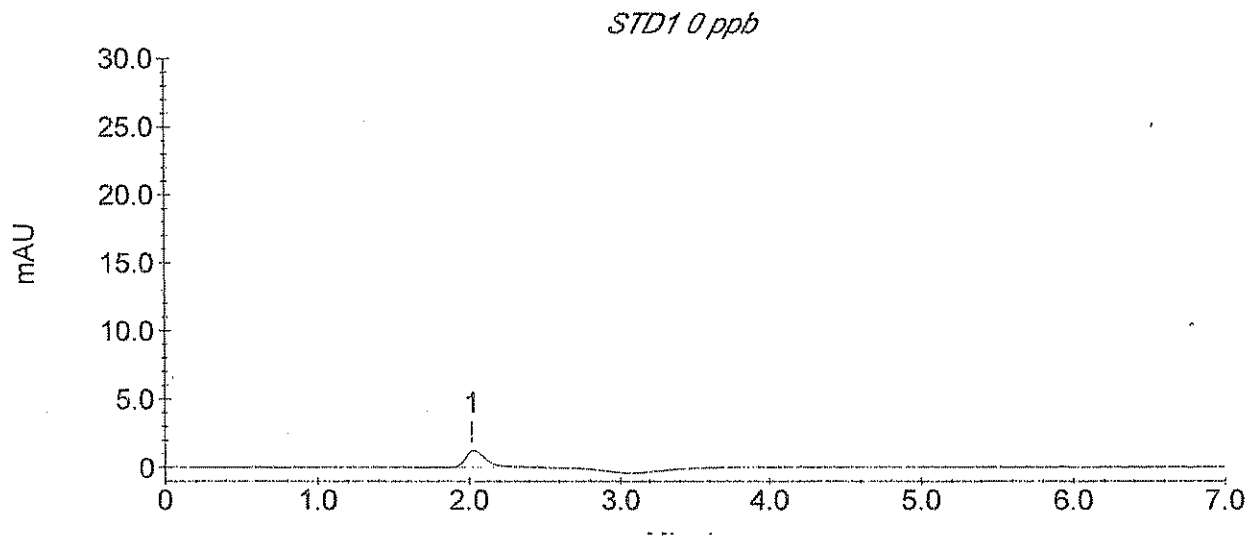
Calibration Update Report

Sample Name : STD1 0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI050107_001.DXD

Method File Name : c:\peaknet\method\crvi 050107a.met
Schedule File Name : c:\peaknet\schedule\cr vi schedule\crvi 050107.sch
Date Time Collected : 5/1/07 11:37:20
Calibration Date : 5/1/07 11:46:47
System Operator : YZ/W18

Peak Information : All Components

Peak #	Component	Retention Time	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
1		2.02			



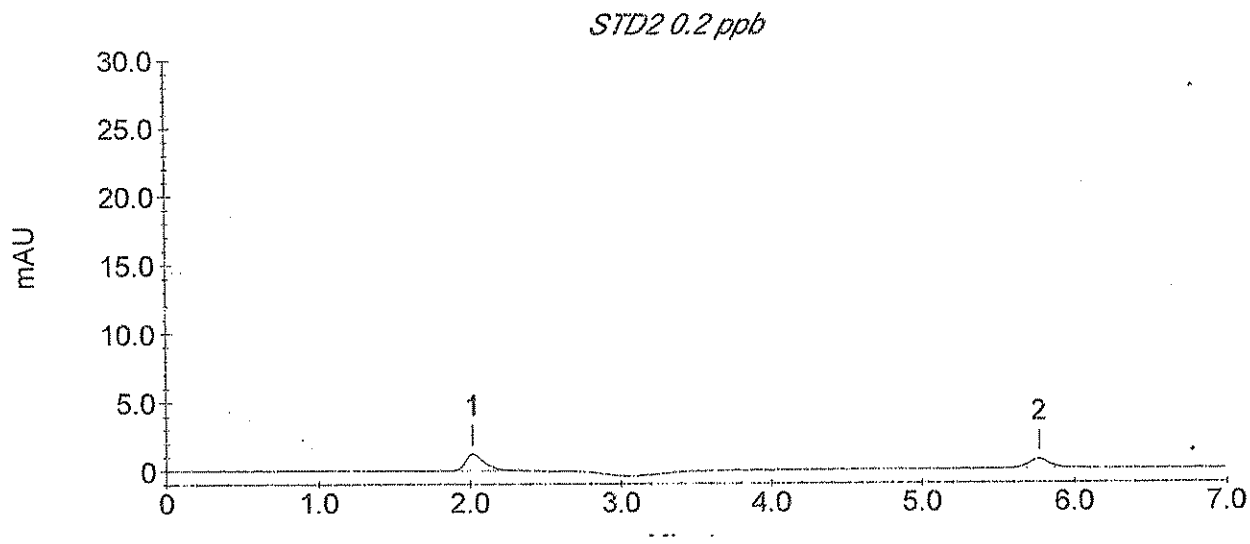
Calibration Update Report

Sample Name : STD2 0.2 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI050107_002.DXD

Method File Name : c:\peaknet\method\crvi 050107a.met
Schedule File Name : c:\peaknet\schedule\cr vi schedule\crvi 050107.sch
Date Time Collected : 5/1/07 11:46:52
Calibration Date : 5/1/07 11:56:20
System Operator : YZ/W18

Peak Information : All Components

Peak #	Component	Retention Time	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
2	CRVI	5.77	0	6278	6278



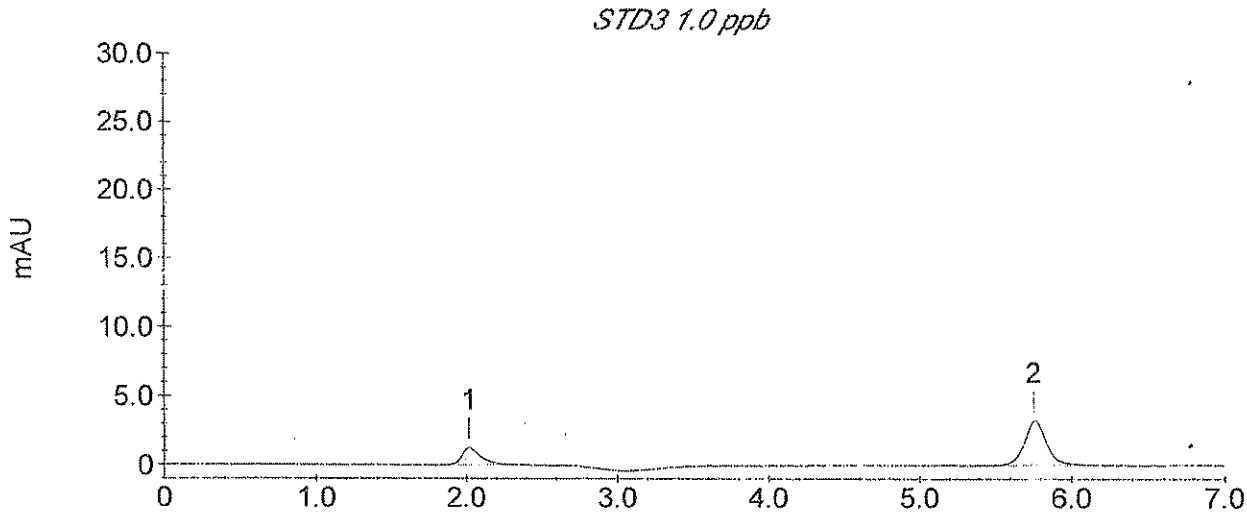
Calibration Update Report

Sample Name : STD3 1.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI050107_003.DXD

Method File Name : c:\peaknet\method\crvi 050107a.met
Schedule File Name : c:\peaknet\schedule\cr vi schedule\crvi 050107.sch
Date Time Collected : 5/1/07 11:56:25
Calibration Date : 5/1/07 12:05:53
System Operator : YZ/W18

Peak Information : All Components

Peak #	Component	Retention Time	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
2	CRVI	5.75	0	32568	32568



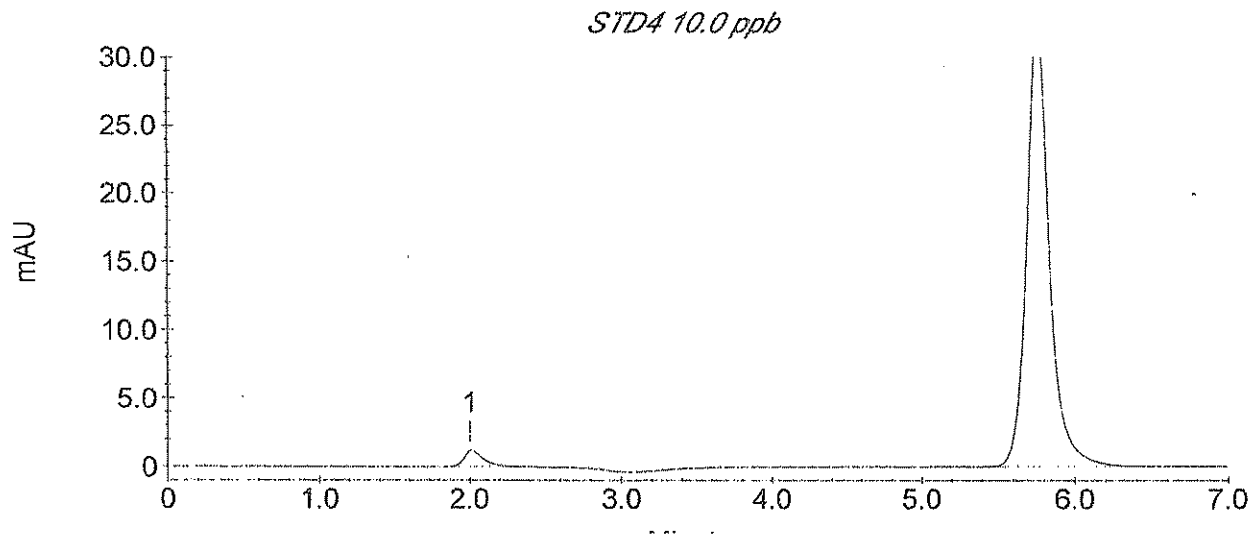
Calibration Update Report

Sample Name : STD4 10.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI050107_004.DXD

Method File Name : c:\peaknet\method\crvi 050107a.met
Schedule File Name : c:\peaknet\schedule\cr vi schedule\crvi 050107.sch
Date Time Collected : 5/1/07 12:05:58
Calibration Date : 5/1/07 12:15:26
System Operator : YZ/W18

Peak Information : All Components

Peak #	Component	Retention Time	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
2	CRVI	5.75	0	333705	333705



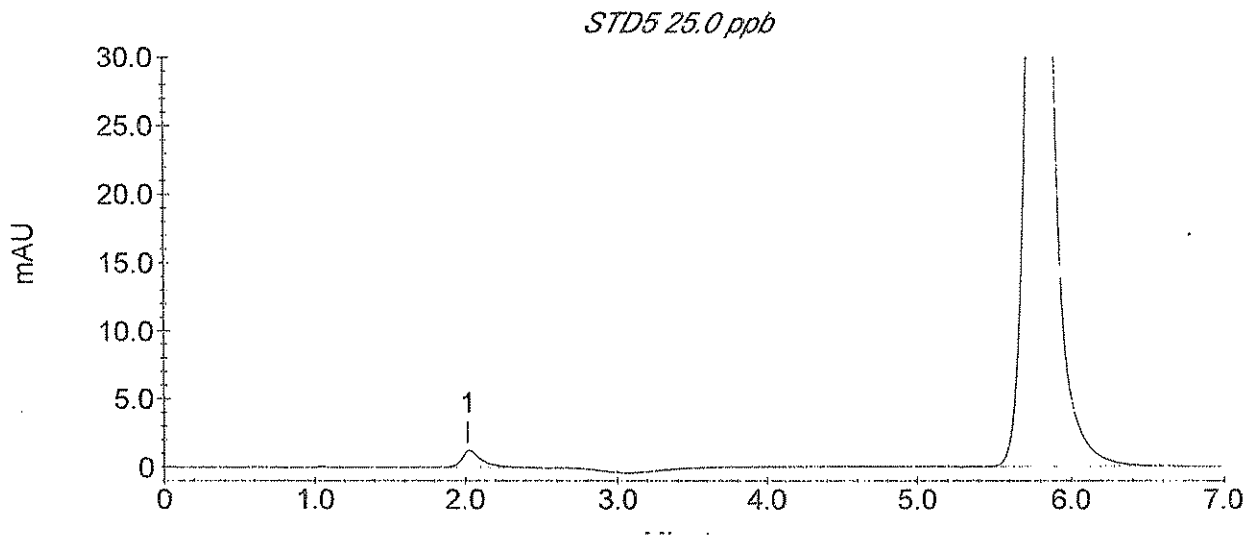
Calibration Update Report

Sample Name : STD5 25.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI050107_005.DXD

Method File Name : c:\peaknet\method\crvi 050107a.met
Schedule File Name : c:\peaknet\schedule\cr vi schedule\crvi 050107.sch
Date Time Collected : 5/1/07 12:15:32
Calibration Date : 5/1/07 12:25:00
System Operator : YZ/W18

Peak Information : All Components

Peak #	Component	Retention Time	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
2	CRVI	5.78	0	835512	835512



STL Los Angeles Cr VI Sample Analysis Report

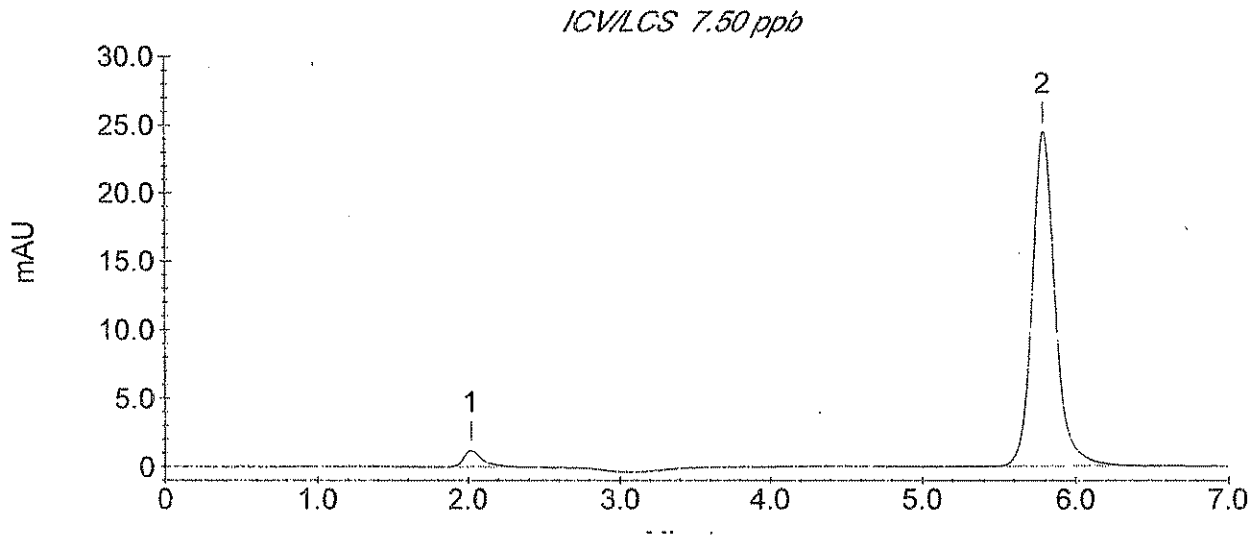
Sample Name : ICV/LCS 7.50 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI050107_006.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/1/07 12:25:05
System Operator : YZ/W18
Calibration Date : 5/1/07 12:25:00

Column Type : AS7-11445, NG1-19183
Injection Number : 6
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.02	0.00	10395	1201
2	CRVI	5.78	7.56	252275	24444



STL Los Angeles Cr VI Sample Analysis Report

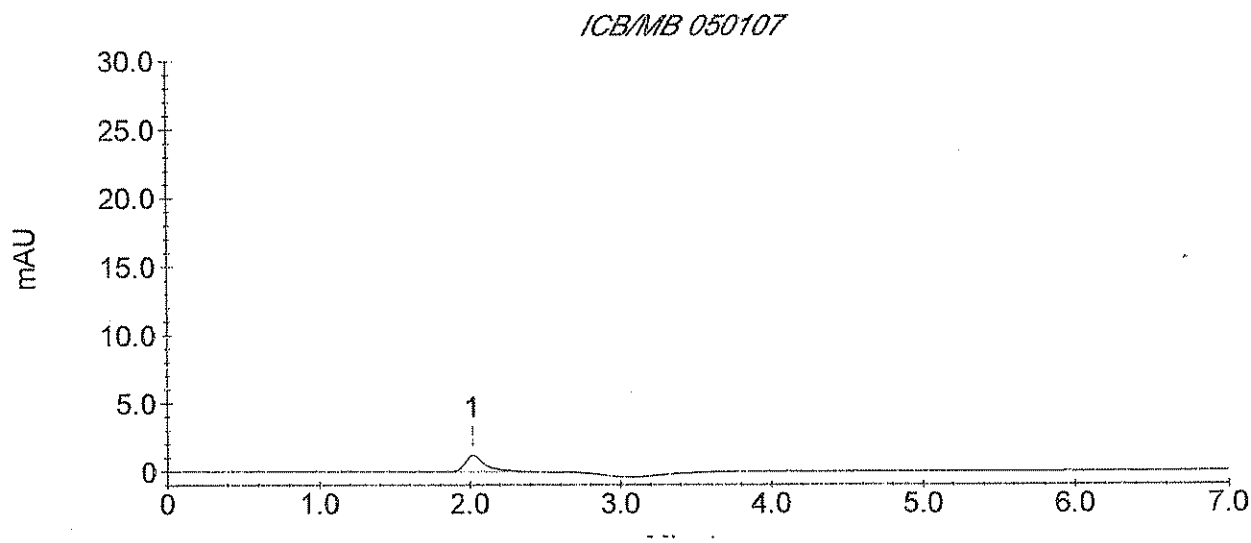
Sample Name : ICB/MB 050107
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI050107_007.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/1/07 12:34:39
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 7
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.02	0.00	10998	1199



STL Los Angeles Cr VI Sample Analysis Report

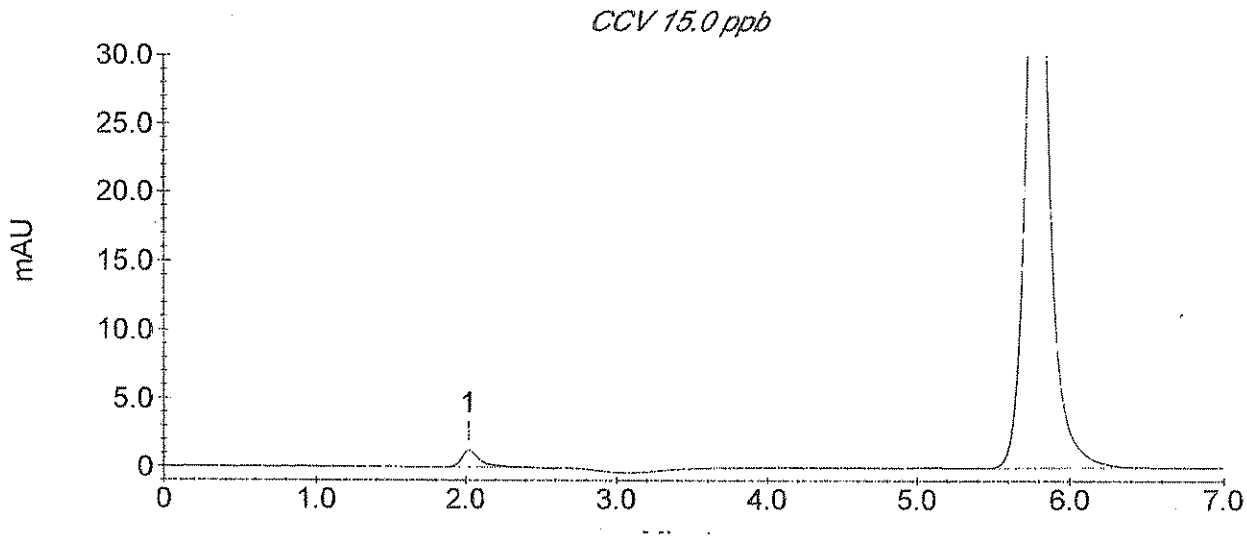
Sample Name : CCV 15.0 ppb
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI050107_008.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/1/07 12:44:12
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 8
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.02	0.00	10459	1213
2	CRVI	5.78	15.05	502618	48816



STL Los Angeles Cr VI Sample Analysis Report

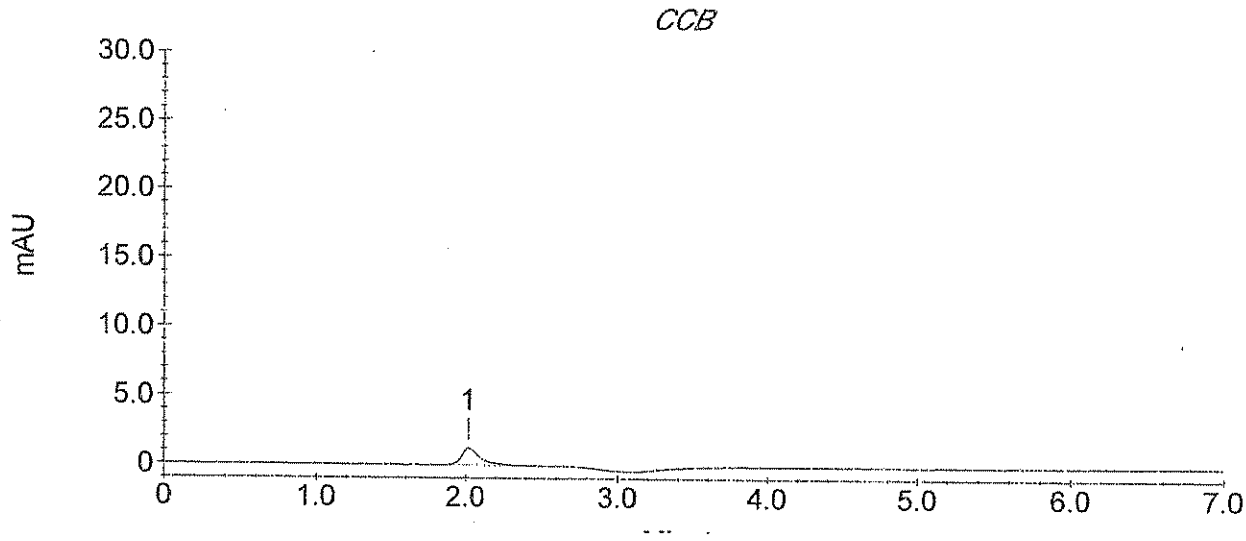
Sample Name : CCB
Data File Name : C:\PEAKNET\CRVI\CRVI 2\CrVI050107_009.DXD

Method File Name : ...\crvi 050107a.met
Date Time Collected : 5/1/07 12:53:45
System Operator : YZ/W18
Calibration Date : 5/1/07 12:27:33

Column Type : AS7-11445, NG1-19183
Injection Number : 9
Dilution Factor : 1.00

Peak Information : All Peaks

Peak #	Component	Retention Time	Amount (PPB)	Peak Area	Peak Height
1		2.02	0.00	10565	1223



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END OF RAW DATA