N00164.AR.000793
NSWC CRANE
5090.3a

DEPARTMENT OF THE NAVY

CRANE DIVISION
NAVAL SURFACE WARFARE CENTER
300 HIGHWAY 361
CRANE INDIANA 47522-5001

IN REPLY REFER TO:

5090/S4.7
Ser 095/3004
07 JAN 2003

U.S. Environmental Protection Agency, Region V
Waste, Pesticides, & Toxics Division
Waste Management Branch
Illinois, Indiana, and Michigan Section
ATTN: Mr. Peter Ramanauskas (DW-8J)
77 West Jackson Blvd.
Chicago, IL 60604

Dear Mr. Ramanauskas:

Crane Division, Naval Surface Warfare Center (NSWC Crane) submits the Level III Quality Control (QC) Data Package for the Old Gun Tub Storage Lot (OGTSL) analytical samples. This submittal is in response to the email request dated November 01, 2002 for additional QC documentation. Two copies are presented as enclosure (1). The permit required Certification Statement is provided as enclosure (2).

NSWC Crane point of contact is Mr. Thomas J. Brent, Code 09510, telephone 812-854-6160.

Sincerely,

James M. Hunsicker

JAMES M. HUNSICKER
Director, Environmental
Protection Department
By direction of the Commander

Encl:
(1) Level III QC Data for OGTSL Analytical Samples
(2) Certification Statement

Copy to:
ADMINISTRATIVE RECORD
SOUTHNAVFACENGCOM (Code ES32) (w/o encl)
IDEM (Doug Griffin)

2203 S. Madison Street
Muncie Indiana 47302
800-874-3563

Date: *31-Dec-02*

CLIENT: SAIC
Project: NSWC Crane OGTSL
Lab Order: M02070406

CASE NARRATIVE

The LCS recoveries for PCB were low for two of the LCS preparations. The third was within the control limits. The matrix spike recoveries were within the control limits, so the data was accepted without qualification. Although the matrix was oily, all other qc aspects passed, even in the SV analysis. All PCB surrogates were diluted out in the clean-up process which, due to the sample sized extracted and the matrix of the samples, resulted in a dilution of 1:100.

Sherry Laboratories

Date: *31-Dec-02*

CLIENT: SAIC
Work Order: M02070406
Project: NSWC Crane OGTSL

QC SUMMARY REPORT

Method Blank

Sample ID **Blank 0718** Batch ID: **2885** Test Code: **SW8270A** Units: **ppm** Analysis Date **7/22/02 12:33:00 PM** Prep Date **7/18/02**

Client ID: Run ID: **GCMS_SV1_020722A** SeqNo: **128379**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4,5-Tetrachlorobenzene	ND	0.33									
1,2,4-Trichlorobenzene	ND	0.33									
1,2-Dichlorobenzene	ND	0.33									
1,2-Diphenylhydrazine	ND	0.33									
1,3-Dichlorobenzene	ND	0.33									
1,3-Dinitrobenzene	ND	0.33									
1,4-Dichlorobenzene	ND	0.33									
2,3,4,6-Tetrachlorophenol	ND	0.33									
2,4,5-Trichlorophenol	ND	0.33									
2,4,6-Trichlorophenol	ND	0.33									
2,4-Dichlorophenol	ND	0.33									
2,4-Dimethylphenol	ND	0.33									
2,4-Dinitrophenol	ND	1.6									
2,4-Dinitrotoluene	ND	0.33									
2,6-Dinitrotoluene	ND	0.33									
2-Chloronaphthalene	ND	0.33									
2-Chlorophenol	ND	0.33									
2-Methylnaphthalene	ND	0.33									
2-Methylphenol	ND	0.33									
2-Nitroaniline	ND	0.33									
2-Nitrophenol	ND	0.33									
2-Picoline	ND	0.33									
3,3'-Dichlorobenzidine	ND	0.66									
3-Nitroaniline	ND	0.33									
4,6-Dinitro-2-methylphenol	ND	1.6									
4-Bromophenyl phenyl ether	ND	0.33									
4-Chloro-3-methylphenol	ND	0.66									

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: SAIC
Work Order: M02070406
Project: NSWC Crane OGTSL

QC SUMMARY REPORT

Method Blank

4-Chloroaniline	ND	0.33
4-Chlorophenyl phenyl ether	ND	0.33
4-Methylphenol	ND	0.33
4-Nitroaniline	ND	0.33
4-Nitrophenol	ND	1.6
Acenaphthene	ND	0.33
Acenaphthylene	ND	0.33
Aniline	ND	0.66
Anthracene	ND	0.33
Benz(a)anthracene	ND	0.33
Benzidine	ND	1.6
Benzo(a)pyrene	ND	0.33
Benzo(b)fluoranthene	ND	0.33
Benzo(g,h,i)perylene	ND	0.33
Benzo(k)fluoranthene	ND	0.33
Benzoic acid	ND	1.6
Benzyl alcohol	ND	0.66
Bis(2-chloroethoxy)methane	ND	0.33
Bis(2-chloroethyl)ether	ND	0.33
Bis(2-chloroisopropyl)ether	ND	0.33
Bis(2-ethylhexyl)phthalate	ND	0.33
Butyl benzyl phthalate	ND	0.33
Carbazole	ND	0.33
Chrysene	ND	0.33
Di-n-butyl phthalate	ND	0.33
Di-n-octyl phthalate	ND	0.33
Dibenz(a,h)anthracene	ND	0.33
Dibenzofuran	ND	0.33
Diethyl phthalate	ND	0.33
Dimethyl phthalate	ND	0.33
Fluoranthene	ND	0.33
Fluorene	ND	0.33
Hexachlorobenzene	ND	0.33

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: SAIC
Work Order: M02070406
Project: NSWC Crane OGTSL

QC SUMMARY REPORT
Method Blank

Hexachlorobutadiene	ND	0.33						
Hexachlorocyclopentadiene	ND	0.33						
Hexachloroethane	ND	0.33						
Indeno(1,2,3-cd)pyrene	ND	0.33						
Isophorone	ND	0.33						
N-Nitrosodi-n-propylamine	ND	0.33						
N-Nitrosodimethylamine	ND	0.33						
N-Nitrosodiphenylamine	ND	0.66						
Naphthalene	ND	0.33						
Nitrobenzene	ND	0.33						
o-Toluidine	ND	0.66						
Pentachlorophenol	ND	1.6						
Phenanthrene	ND	0.33						
Phenol	ND	0.33						
Pyrene	ND	0.33						
Pyridine	ND	1.6						
Surr: 2,4,6-Tribromophenol	157.8	0	200	0	78.9	19	122	0
Surr: 2-Fluorobiphenyl	78.06	0	100	0	78.1	30	115	0
Surr: 2-Fluorophenol	154.4	0	200	0	77.2	25	121	0
Surr: 4-Terphenyl-d14	79.04	0	100	0	79	18	137	0
Surr: Nitrobenzene-d5	67.6	0	100	0	67.6	23	120	0
Surr: Phenol-d5	148.9	0	200	0	74.4	24	113	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: SAIC
Work Order: M02070406
Project: NSWC Crane OGTSL

QC SUMMARY REPORT
Method Blank

Sample ID **Blank 0716** Batch ID: **2857** Test Code: **SW8270A** Units: **µg/L** Analysis Date **7/18/02 10:57:00 AM** Prep Date **7/16/02**
Client ID: Run ID: **GCMS_SV1_020718A** SeqNo: **127615**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	10									
1,2-Dichlorobenzene	ND	10									
1,2-Diphenylhydrazine	ND	10									
1,3-Dichlorobenzene	ND	10									
1,3-Dinitrobenzene	ND	20									
1,4-Dichlorobenzene	ND	10									
2,4,5-Trichlorophenol	ND	10									
2,4,6-Trichlorophenol	ND	10									
2,4-Dichlorophenol	ND	10									
2,4-Dimethylphenol	ND	10									
2,4-Dinitrophenol	ND	50									
2,4-Dinitrotoluene	ND	10									
2,6-Dinitrotoluene	ND	10									
2-Chloronaphthalene	ND	10									
2-Chlorophenol	ND	10									
2-Methylnaphthalene	ND	10									
2-Methylphenol	ND	10									
2-Nitroaniline	ND	50									
2-Nitrophenol	ND	10									
2-Picoline	ND	50									
3,3´-Dichlorobenzidine	ND	20									
3-Nitroaniline	ND	50									
4,6-Dinitro-2-methylphenol	ND	50									
4-Bromophenyl phenyl ether	ND	10									
4-Chloro-3-methylphenol	ND	20									
4-Chloroaniline	ND	20									
4-Chlorophenyl phenyl ether	ND	10									
4-Methylphenol	ND	10									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: SAIC
Work Order: M02070406
Project: NSWC Crane OGTSL

QC SUMMARY REPORT
Method Blank

4-Nitroaniline	ND	20
4-Nitrophenol	ND	50
Acenaphthene	ND	10
Acenaphthylene	ND	10
Aniline	ND	20
Anthracene	ND	10
Benz(a)anthracene	ND	10
Benzidine	ND	50
Benzo(a)pyrene	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(g,h,i)perylene	ND	10
Benzo(k)fluoranthene	ND	10
Benzoic acid	ND	50
Benzyl alcohol	ND	20
Bis(2-chloroethoxy)methane	ND	10
Bis(2-chloroethyl)ether	ND	10
Bis(2-chloroisopropyl)ether	ND	10
Bis(2-ethylhexyl)phthalate	ND	10
Butyl benzyl phthalate	ND	10
Carbazole	ND	10
Chrysene	ND	10
Di-n-butyl phthalate	ND	10
Di-n-octyl phthalate	ND	10
Dibenz(a,h)anthracene	ND	10
Dibenzofuran	ND	10
Diethyl phthalate	ND	10
Dimethyl phthalate	ND	10
Fluoranthene	ND	10
Fluorene	ND	10
Hexachlorobenzene	ND	10
Hexachlorobutadiene	ND	10
Hexachlorocyclopentadiene	ND	10
Hexachloroethane	ND	10

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: SAIC
Work Order: M02070406
Project: NSWC Crane OGTSL

QC SUMMARY REPORT
Method Blank

Indeno(1,2,3-cd)pyrene	ND	10						
Isophorone	ND	10						
N-Nitrosodi-n-propylamine	ND	10						
N-Nitrosodimethylamine	ND	10						
N-Nitrosodiphenylamine	ND	20						
Naphthalene	ND	10						
Nitrobenzene	ND	10						
o-Toluidine	ND	20						
Pentachlorophenol	ND	50						
Phenanthrene	ND	10						
Phenol	ND	10						
Pyrene	ND	10						
Pyridine	ND	50						
Surr: 2,4,6-Tribromophenol	166.5	0	200	0	83.3	10	123	0
Surr: 2-Fluorobiphenyl	82.47	0	100	0	82.5	43	116	0
Surr: 2-Fluorophenol	117.6	0	200	0	58.8	21	110	0
Surr: 4-Terphenyl-d14	90.9	0	100	0	90.9	33	141	0
Surr: Nitrobenzene-d5	79.27	0	100	0	79.3	35	114	0
Surr: Phenol-d5	84.15	0	200	0	42.1	10	110	0

Sample ID **prep blk** Batch ID: **R18926** Test Code: **E200.7** Units: **ppm** Analysis Date **7/15/02 3:16:45 PM** Prep Date
Client ID: Run ID: **ICP4200_020715A** SeqNo: **126582**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	ND	0.0050									
Chromium	ND	0.020									
Lead	ND	0.050									

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: SAIC
Work Order: M02070406
Project: NSWC Crane OGTSL

QC SUMMARY REPORT
Method Blank

Sample ID **MB-R19343** Batch ID: **2858** Test Code: **SW8082** Units: **ppb** Analysis Date **7/29/02** Prep Date **7/16/02**
Client ID: Run ID: **GC_AS3_020729B** SeqNo: **129778**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	2.0									
Aroclor 1221	ND	2.0									
Aroclor 1232	ND	2.0									
Aroclor 1242	ND	2.0									
Aroclor 1248	ND	2.0									
Aroclor 1254	ND	2.0									
Aroclor 1260	ND	2.0									
Surr: Decachlorobiphenyl	5.16	0.20	5	0	103	70	130	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Sherry Laboratories

Date: *31-Dec-02*

CLIENT: SAIC
Work Order: M02070406
Project: NSWC Crane OGTSL

QC SUMMARY REPORT

Method Blank

Sample ID **MB-R19112** Batch ID: **2867** Test Code: **SW8082** Units: **ppm** Analysis Date **7/19/02** Prep Date **7/17/02**
Client ID: Run ID: **GC_AS3_020719A** SeqNo: **128157**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.10									
Aroclor 1221	ND	0.10									
Aroclor 1232	ND	0.10									
Aroclor 1242	ND	0.10									
Aroclor 1248	ND	0.10									
Aroclor 1254	ND	0.10									
Aroclor 1260	ND	0.10									
Surr: Decachlorobiphenyl	0.236	0.010	0.25	0	94.4	70	130	0			

Sample ID **MB-R19248** Batch ID: **2867** Test Code: **SW8082** Units: **ppm** Analysis Date **7/23/02** Prep Date **7/17/02**
Client ID: Run ID: **GC_AS3_020723A** SeqNo: **128966**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	2.0									
Aroclor 1221	ND	2.0									
Aroclor 1232	ND	2.0									
Aroclor 1242	ND	2.0									
Aroclor 1248	ND	2.0									
Aroclor 1254	ND	2.0									
Aroclor 1260	ND	2.0									
Surr: Decachlorobiphenyl	4.72	0.20	5	0	94.4	70	130	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: SAIC
Work Order: M02070406
Project: NSWC Crane OGTSL

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS 0716** Batch ID: **2857** Test Code: **SW8270A** Units: **µg/L** Analysis Date **7/18/02 11:29:00 AM** Prep Date **7/16/02**

Client ID: Run ID: **GCMS_SV1_020718A** SeqNo: **127616**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	69.65	10	100	0	69.6	39	98	0			
1,4-Dichlorobenzene	66.68	10	100	0	66.7	36	97	0			
2,4-Dinitrotoluene	85.23	10	100	0	85.2	24	96	0			
2-Chlorophenol	76.05	10	100	0	76	27	123	0			
4-Chloro-3-methylphenol	85.12	20	100	0	85.1	23	97	0			
4-Nitrophenol	40.76	50	100	0	40.8	10	80	0			J
Acenaphthene	82.63	10	100	0	82.6	46	118	0			
N-Nitrosodi-n-propylamine	84.64	10	100	0	84.6	41	116	0			
Pentachlorophenol	95.02	50	100	0	95	9	103	0			
Phenol	42.26	10	100	0	42.3	10	110	0			
Pyrene	89.21	10	100	0	89.2	26	127	0			
Surr: 2,4,6-Tribromophenol	187.6	0	200	0	93.8	10	123	0			
Surr: 2-Fluorobiphenyl	92.27	0	100	0	92.3	43	116	0			
Surr: 2-Fluorophenol	133	0	200	0	66.5	21	110	0			
Surr: 4-Terphenyl-d14	94.57	0	100	0	94.6	33	141	0			
Surr: Nitrobenzene-d5	91.81	0	100	0	91.8	35	114	0			
Surr: Phenol-d5	93.08	0	200	0	46.5	10	94	0			

Sample ID **lcs** Batch ID: **R18926** Test Code: **E200.7** Units: **ppm** Analysis Date **7/15/02 3:19:20 PM** Prep Date

Client ID: Run ID: **ICP4200_020715A** SeqNo: **126583**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	0.4916	0.0050	0.5	0	98.3	75	125	0			
Chromium	0.4923	0.020	0.5	0	98.5	75	125	0			
Lead	0.4706	0.050	0.5	0	94.1	75	125	0			

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

Sherry Laboratories

Date: *31-Dec-02*

CLIENT: SAIC
Work Order: M02070406
Project: NSWC Crane OGTSL

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS 0718** Batch ID: **2885** Test Code: **SW8270A** Units: **ppm** Analysis Date **7/22/02 9:16:00 AM** Prep Date **7/18/02**

Client ID: Run ID: **GCMS_SV1_020722A** SeqNo: **128380**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	54.43	0.33	100	0	54.4	38	107	0			
1,4-Dichlorobenzene	51.22	0.33	100	0	51.2	28	104	0			
2,4-Dinitrotoluene	65.46	0.33	100	0	65.5	28	89	0			
2-Chlorophenol	51.05	0.33	100	0	51	25	102	0			
4-Chloro-3-methylphenol	59.36	0.66	100	0	59.4	26	103	0			
4-Nitrophenol	47.35	1.6	100	0	47.4	11	114	0			
Acenaphthene	60.31	0.33	100	0	60.3	31	137	0			
N-Nitrosodi-n-propylamine	48.27	0.33	100	0	48.3	41	126	0			
Pentachlorophenol	79.39	1.6	100	0	79.4	17	109	0			
Phenol	50.12	0.33	100	0	50.1	26	90	0			
Pyrene	73.64	0.33	100	0	73.6	35	142	0			
Surr: 2,4,6-Tribromophenol	155.5	0	200	0	77.8	19	122	0			
Surr: 2-Fluorobiphenyl	62.83	0	100	0	62.8	30	115	0			
Surr: 2-Fluorophenol	112.8	0	200	0	56.4	25	121	0			
Surr: 4-Terphenyl-d14	77.11	0	100	0	77.1	18	137	0			
Surr: Nitrobenzene-d5	51.04	0	100	0	51	23	120	0			
Surr: Phenol-d5	111.6	0	200	0	55.8	24	113	0			

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

Sherry Laboratories

Date: *31-Dec-02*

CLIENT: SAIC
Work Order: M02070406
Project: NSWC Crane OGTSL

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **M02070406-05AM** Batch ID: **2885** Test Code: **SW8270A** Units: **ppm** Analysis Date **7/22/02 2:11:00 AM** Prep Date **7/18/02**

Client ID: **34SB07071002** Run ID: **GCMS_SV1_020722A** SeqNo: **128377**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	33.62	0.33	50	0	67.2	38	107	0			
1,4-Dichlorobenzene	32.95	0.33	50	0	65.9	28	104	0			
2,4-Dinitrotoluene	28.74	0.33	50	0	57.5	28	89	0			
2-Chlorophenol	64.47	0.33	100	0	64.5	25	102	0			
4-Chloro-3-methylphenol	66.06	0.66	100	0	66.1	26	103	0			
4-Nitrophenol	53.25	1.6	100	0	53.2	11	114	0			
Acenaphthene	34.1	0.33	50	0	68.2	31	137	0			
N-Nitrosodi-n-propylamine	32.3	0.33	50	0	64.6	41	126	0			
Pentachlorophenol	74.14	1.6	100	0	74.1	17	109	0			
Phenol	61.78	0.33	100	0	61.8	26	90	0			
Pyrene	35.98	0.33	50	0	72	35	142	0			
Surr: 2,4,6-Tribromophenol	148.6	0	200	0	74.3	19	122	0			
Surr: 2-Fluorobiphenyl	73.38	0	100	0	73.4	30	115	0			
Surr: 2-Fluorophenol	148.5	0	200	0	74.3	25	121	0			
Surr: 4-Terphenyl-d14	74.48	0	100	0	74.5	18	137	0			
Surr: Nitrobenzene-d5	66.25	0	100	0	66.2	23	120	0			
Surr: Phenol-d5	141.4	0	200	0	70.7	24	113	0			

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: SAIC
Work Order: M02070406
Project: NSWC Crane OGTSL

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-R19112** Batch ID: **2867** Test Code: **SW8082** Units: **ppm** Analysis Date **7/19/02** Prep Date **7/17/02**
Client ID: Run ID: **GC_AS3_020719A** SeqNo: **128158**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	2.197	0.10	5	0	43.9	70	130	0			S
Aroclor 1260	3.021	0.10	5	0	60.4	70	130	0			S
Surr: Decachlorobiphenyl	0.253	0.010	0.25	0	101	70	130	0			

Sample ID **LCS-R19248** Batch ID: **2867** Test Code: **SW8082** Units: **ppm** Analysis Date **7/23/02** Prep Date **7/17/02**
Client ID: Run ID: **GC_AS3_020723A** SeqNo: **128967**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	43.94	2.0	100	0	43.9	70	130	0			S
Aroclor 1260	60.42	2.0	100	0	60.4	70	130	0			S
Surr: Decachlorobiphenyl	5.06	0.20	5	0	101	70	130	0			

Sample ID **LCS-R19343** Batch ID: **2858** Test Code: **SW8082** Units: **ppb** Analysis Date **7/29/02** Prep Date **7/16/02**
Client ID: Run ID: **GC_AS3_020729B** SeqNo: **129779**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	62.86	2.0	100	0	62.9	50	114	0			
Aroclor 1260	76.36	2.0	100	0	76.4	8	127	0			
Surr: Decachlorobiphenyl	4.24	0.20	5	0	84.8	70	130	0			

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: SAIC
Work Order: M02070406
Project: NSWC Crane OGTSL

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID **M02070406-05AM** Batch ID: **2885** Test Code: **SW8270A** Units: **ppm** Analysis Date **7/22/02 2:44:00 AM** Prep Date **7/18/02**

Client ID: **34SB07071002** Run ID: **GCMS_SV1_020722A** SeqNo: **128378**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	35.39	0.33	50	0	70.8	38	107	33.62	5.13	23	
1,4-Dichlorobenzene	34.95	0.33	50	0	69.9	28	104	32.95	5.89	27	
2,4-Dinitrotoluene	31.42	0.33	50	0	62.8	28	89	28.74	8.91	47	
2-Chlorophenol	70.34	0.33	100	0	70.3	25	102	64.47	8.71	50	
4-Chloro-3-methylphenol	73.23	0.66	100	0	73.2	26	103	66.06	10.3	33	
4-Nitrophenol	54.94	1.6	100	0	54.9	11	114	53.25	3.12	50	
Acenaphthene	36.5	0.33	50	0	73	31	137	34.1	6.8	19	
N-Nitrosodi-n-propylamine	35.16	0.33	50	0	70.3	41	126	32.3	8.48	38	
Pentachlorophenol	79.66	1.6	100	0	79.7	17	109	74.14	7.18	47	
Phenol	68.52	0.33	100	0	68.5	26	90	61.78	10.3	35	
Pyrene	40.63	0.33	50	0	81.3	35	142	35.98	12.1	36	
Surr: 2,4,6-Tribromophenol	160.5	0	200	0	80.2	19	122	148.6	7.68	0	
Surr: 2-Fluorobiphenyl	78.73	0	100	0	78.7	30	115	73.38	7.03	0	
Surr: 2-Fluorophenol	162.5	0	200	0	81.3	25	121	148.5	9	0	
Surr: 4-Terphenyl-d14	84.24	0	100	0	84.2	18	137	74.48	12.3	0	
Surr: Nitrobenzene-d5	72.48	0	100	0	72.5	23	120	66.25	8.98	0	
Surr: Phenol-d5	153.3	0	200	0	76.6	24	113	141.4	8.1	0	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: SAIC
Work Order: M02070406
Project: NSWC Crane OGTSL

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **M02070452-11AM** Batch ID: **2857** Test Code: **SW8270A** Units: **µg/L** Analysis Date **7/19/02 10:13:00 AM** Prep Date **7/16/02**
Client ID: Run ID: **GCMS_SV1_020719A** SeqNo: **128143**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	37.55	10	50	0	75.1	39	98	0			
1,4-Dichlorobenzene	36.31	10	50	0	72.6	36	97	0			
2,4-Dinitrotoluene	38.09	10	50	0	76.2	24	96	0			
2-Chlorophenol	76.93	10	100	0	76.9	27	123	0			
4-Chloro-3-methylphenol	84.58	20	100	0	84.6	23	97	0			
4-Nitrophenol	22.91	50	100	0	22.9	10	80	0			J
Acenaphthene	41.74	10	50	0	83.5	46	118	0			
N-Nitrosodi-n-propylamine	42.74	10	50	0	85.5	41	116	0			
Pentachlorophenol	84.53	50	100	0	84.5	9	103	0			
Phenol	40.95	10	100	0	41	10	110	0			
Pyrene	46.39	10	50	0	92.8	26	127	0			
Surr: 2,4,6-Tribromophenol	167.3	0	200	0	83.6	10	123	0			
Surr: 2-Fluorobiphenyl	84.7	0	100	0	84.7	43	116	0			
Surr: 2-Fluorophenol	120.4	0	200	0	60.2	21	110	0			
Surr: 4-Terphenyl-d14	88.4	0	100	0	88.4	33	141	0			
Surr: Nitrobenzene-d5	81.21	0	100	0	81.2	35	114	0			
Surr: Phenol-d5	83.57	0	200	0	41.8	10	94	0			

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: SAIC
Work Order: M02070406
Project: NSWC Crane OGTSL

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **M02070452-11AM** Batch ID: **2857** Test Code: **SW8270A** Units: **µg/L** Analysis Date **7/19/02 10:45:00 AM** Prep Date **7/16/02**
Client ID: Run ID: **GCMS_SV1_020719A** SeqNo: **128145**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	39.12	10	50	0	78.2	39	98	37.55	4.1	28	
1,4-Dichlorobenzene	38.71	10	50	0	77.4	36	97	36.31	6.4	28	
2,4-Dinitrotoluene	38.84	10	50	0	77.7	24	96	38.09	1.95	38	
2-Chlorophenol	80.52	10	100	0	80.5	27	123	76.93	4.56	40	
4-Chloro-3-methylphenol	87.42	20	100	0	87.4	23	97	84.58	3.3	42	
4-Nitrophenol	24.21	50	100	0	24.2	10	80	22.91	0	50	J
Acenaphthene	42.98	10	50	0	86	46	118	41.74	2.93	31	
N-Nitrosodi-n-propylamine	43.81	10	50	0	87.6	41	116	42.74	2.47	38	
Pentachlorophenol	87.59	50	100	0	87.6	9	103	84.53	3.56	50	
Phenol	42.53	10	100	0	42.5	10	110	40.95	3.79	42	
Pyrene	49.52	10	50	0	99	26	127	46.39	6.53	31	
Surr: 2,4,6-Tribromophenol	169.7	0	200	0	84.8	10	123	167.3	1.43	0	
Surr: 2-Fluorobiphenyl	86.45	0	100	0	86.4	43	116	84.7	2.04	0	
Surr: 2-Fluorophenol	120.5	0	200	0	60.2	21	110	120.4	0.083	0	
Surr: 4-Terphenyl-d14	89.44	0	100	0	89.4	33	141	88.4	1.17	0	
Surr: Nitrobenzene-d5	85.26	0	100	0	85.3	35	114	81.21	4.87	0	
Surr: Phenol-d5	85.83	0	200	0	42.9	10	94	83.57	2.67	0	

Sample ID **M02070372-06A m** Batch ID: **R18926** Test Code: **E200.7** Units: **ppm** Analysis Date **7/15/02 3:54:41 PM** Prep Date
Client ID: Run ID: **ICP4200_020715A** SeqNo: **126595**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	2.878	0.040	2.5	0.6319	89.8	75	125	0			

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

CLIENT: SAIC
Work Order: M02070406
Project: NSWC Crane OGTSL

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **M02070372-06A m** Batch ID: **R18926** Test Code: **E200.7** Units: **ppm** Analysis Date **7/15/02 3:57:22 PM** Prep Date
Client ID: Run ID: **ICP4200_020715A** SeqNo: **126596**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	2.871	0.040	2.5	0.6319	89.6	75	125	2.878	0.239	20	

Sample ID **M02070413-01A m** Batch ID: **R18926** Test Code: **E200.7** Units: **ppm** Analysis Date **7/15/02 5:57:40 PM** Prep Date
Client ID: Run ID: **ICP4200_020715A** SeqNo: **126634**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	2.258	0.010	2.5	0	90.3	75	125	0			
Chromium	2.189	0.040	2.5	0	87.6	75	125	0			
Lead	2.518	0.10	2.5	0	101	75	125	0			

Sample ID **M02070413-01A m** Batch ID: **R18926** Test Code: **E200.7** Units: **ppm** Analysis Date **7/15/02 6:00:21 PM** Prep Date
Client ID: Run ID: **ICP4200_020715A** SeqNo: **126635**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	2.328	0.010	2.5	0	93.1	75	125	2.258	3.08	20	
Chromium	2.261	0.040	2.5	0	90.4	75	125	2.189	3.23	20	
Lead	2.607	0.10	2.5	0	104	75	125	2.518	3.49	20	

Sample ID **M02070433-02A M** Batch ID: **R18926** Test Code: **E200.7** Units: **ppm** Analysis Date **7/16/02 7:20:27 PM** Prep Date
Client ID: Run ID: **ICP4200_020715A** SeqNo: **126660**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	2.321	0.010	2.5	0	92.8	75	125	0			
Chromium	2.264	0.040	2.5	0	90.6	75	125	0			
Lead	2.719	0.10	2.5	0	109	75	125	0			

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: SAIC
Work Order: M02070406
Project: NSWC Crane OGTSL

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID **M02070433-02A M** Batch ID: **R18926** Test Code: **E200.7** Units: **ppm** Analysis Date **7/15/02 7:23:08 PM** Prep Date
Client ID: Run ID: **ICP4200_020715A** SeqNo: **126661**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	2.283	0.010	2.5	0	91.3	75	125	2.321	1.65	20	
Chromium	2.243	0.040	2.5	0	89.7	75	125	2.264	0.92	20	
Lead	2.831	0.10	2.5	0	113	75	125	2.719	4.05	20	

Sample ID **M02070433-13Am** Batch ID: **2858** Test Code: **SW8082** Units: **ppb** Analysis Date **7/29/02** Prep Date **7/19/02**
Client ID: Run ID: **GC_AS3_020729B** SeqNo: **129787**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	179	4.0	200	0	89.5	50	114	0			
Aroclor 1260	237.5	4.0	200	0	119	8	127	0			
Surr: Decachlorobiphenyl	15.68	0.40	10	0	157	70	130	0			S

Sample ID **M02070433-13Am** Batch ID: **2858** Test Code: **SW8082** Units: **ppb** Analysis Date **7/29/02** Prep Date **7/19/02**
Client ID: Run ID: **GC_AS3_020729B** SeqNo: **129788**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	177.4	4.0	200	0	88.7	50	114	179	0.898	30	
Aroclor 1260	243.8	4.0	200	0	122	8	127	237.5	2.63	30	
Surr: Decachlorobiphenyl	16.4	0.40	10	0	164	70	130	15.68	4.49	0	S

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

PCB ICAL 6/4/2002 PE-3 SDW

CONCENTRATION ppm

	0.10	0.20	0.40	0.60	0.80	1.00	Ave RF	SD	% RSD
1016	654652	1354585	1704794	3388113	3893357	4244410			
1260	1017678	2526441	4259955	7666384	9067483	9178785			
Response Factor									
1016	6546520	6772925	4261985	5646855	4866696	4244410	5389899	1111273	20.61769
1260	10176780	12632205	10649888	12777307	11334354	9178785	11124886	1411256	12.68558

CCAL 1

1016	83.20%	
1260	97.40%	

MS

1016	68.68%
1260	56.76%

CCAL2

1016	103.70%	
1260	118.80%	

CCAL3

1016	113.90%	
1260	129.90%	

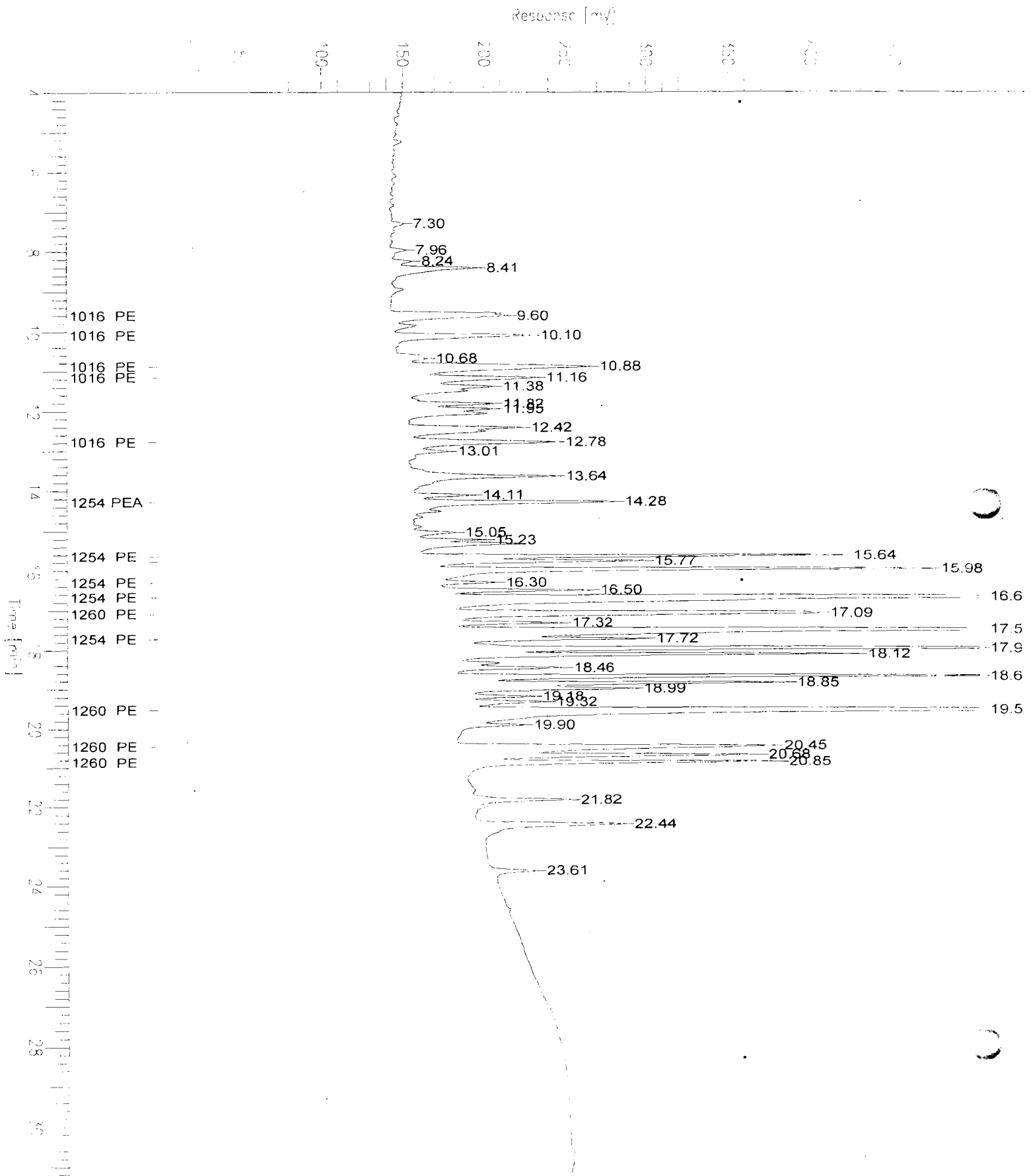
CCAL4

1016	94.00%	86.20%
1260	122.30%	100.30%

Chromatogram

Sample Name : CCA1 0.50 ppm 1016/1260
FileName : C:\TC4\DATA1\PCB3014E.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

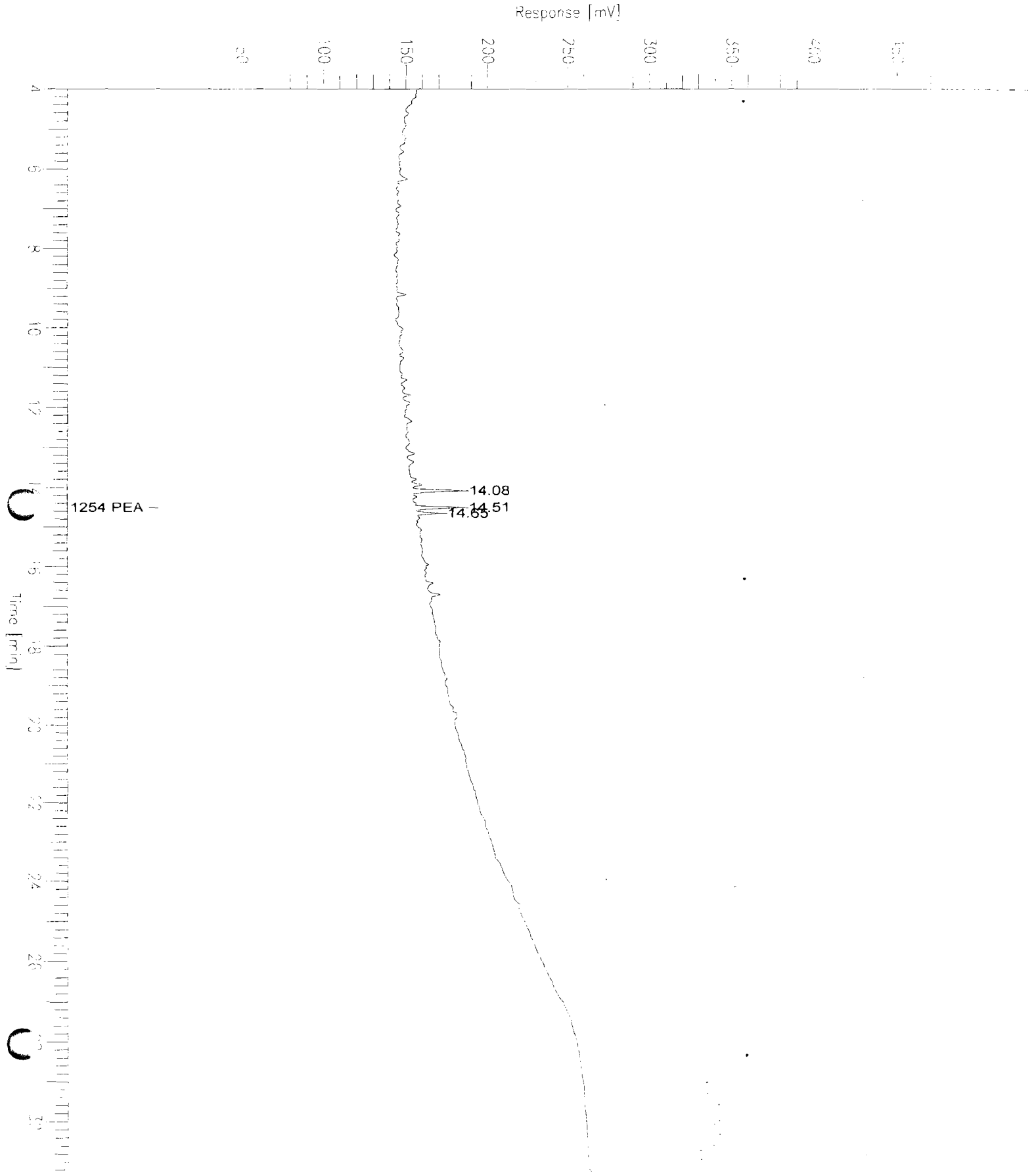
Sample #: 1
Date : 7/23/02 05:16 PM
Time of Injection: 7/23/02 04:44 PM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : hexane
FileName : C:\TC4\DATA1\PCB3014C.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Slope Factor: 0.0 Plot Offset: 0 mV

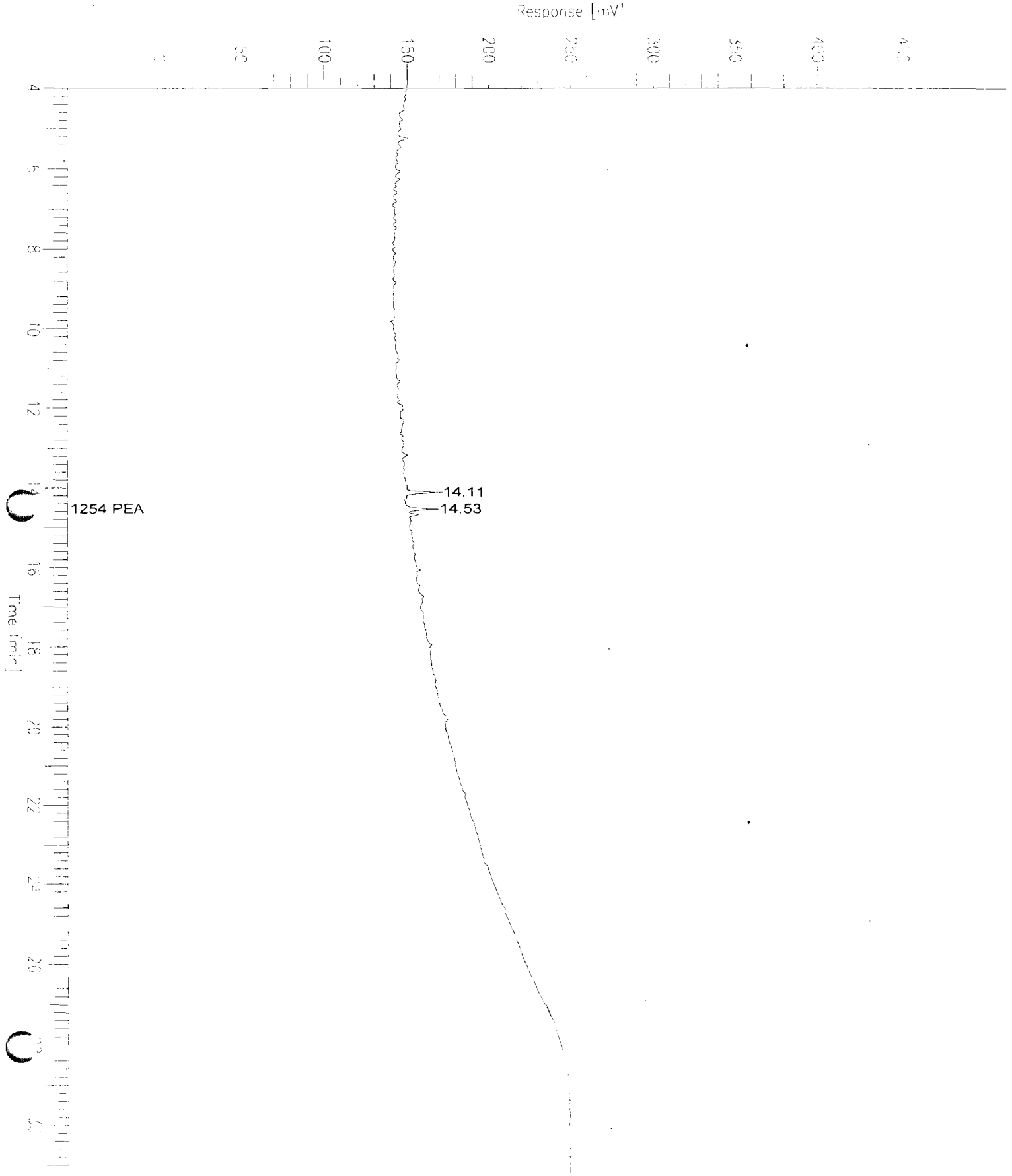
Sample #: 1
Date : 7/23/02 04:02 PM
Time of Injection: 7/23/02 03:31 PM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : hexane
FileName : C:\TC4\DATA1\PCB3014F.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

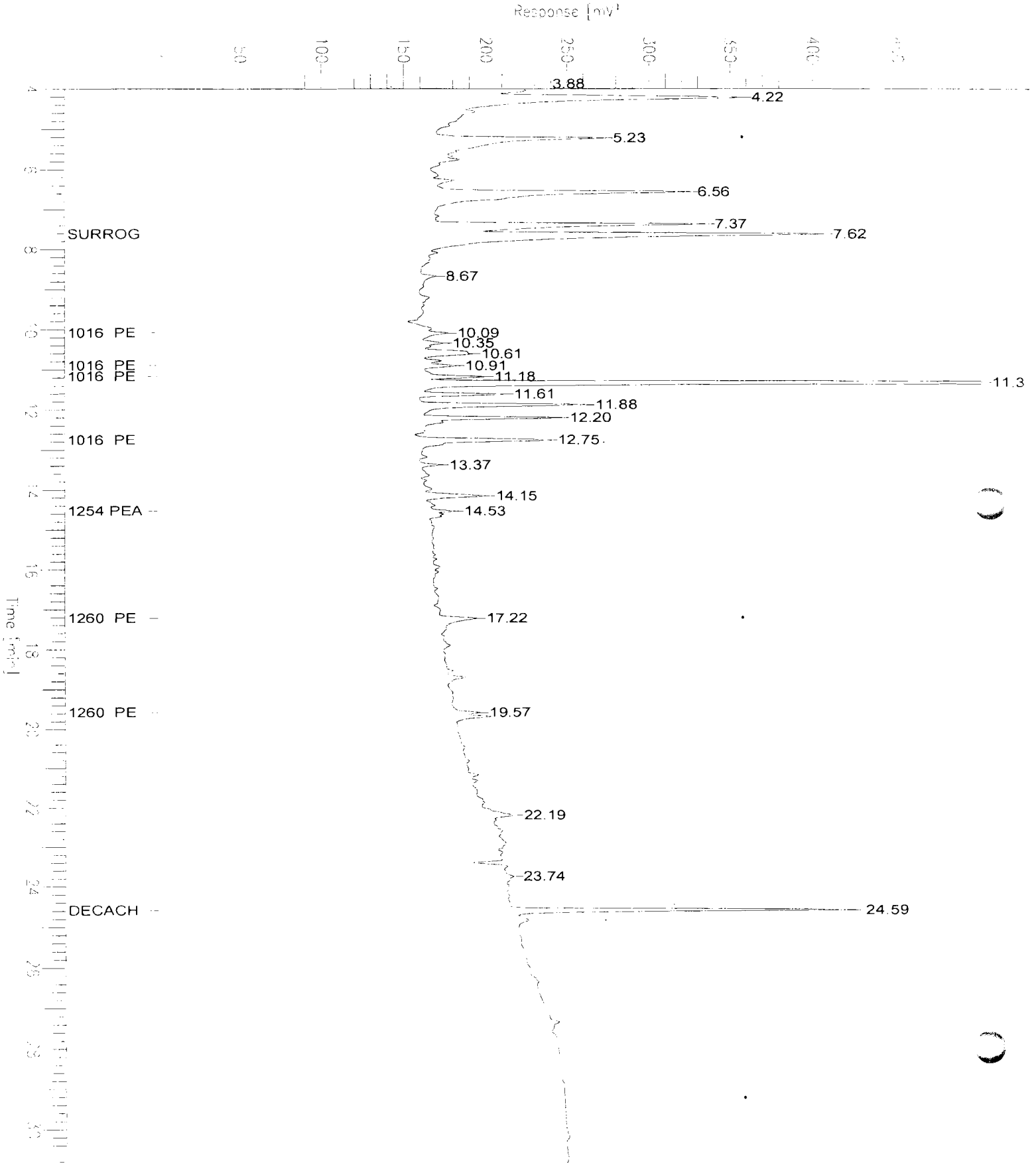
Sample #: 1 Page 1 of 1
Date : 7/23/02 05:53 PM
Time of Injection: 7/23/02 05:21 PM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : 7-0406-1 500/1ml 1:5
FileName : C:\TC4\DATA1\PCB3014G.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

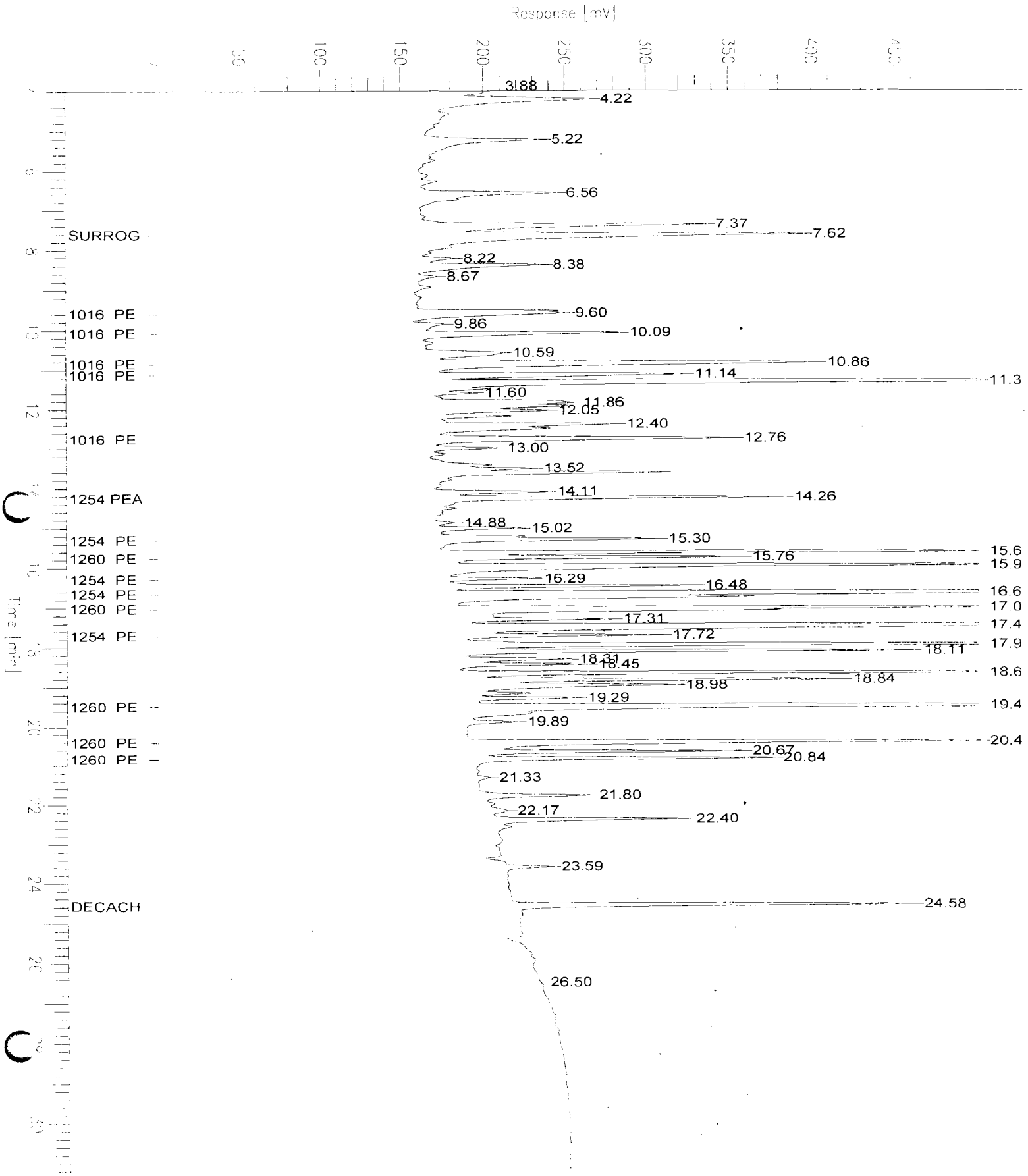
Sample #: 1
Date : 7/23/02 06:30 PM
Time of Injection: 7/23/02 05:58 PM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : 7-0406-1ms 225/1ml 1:5
FileName : C:\TC4\DATA1\PCB3014H.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

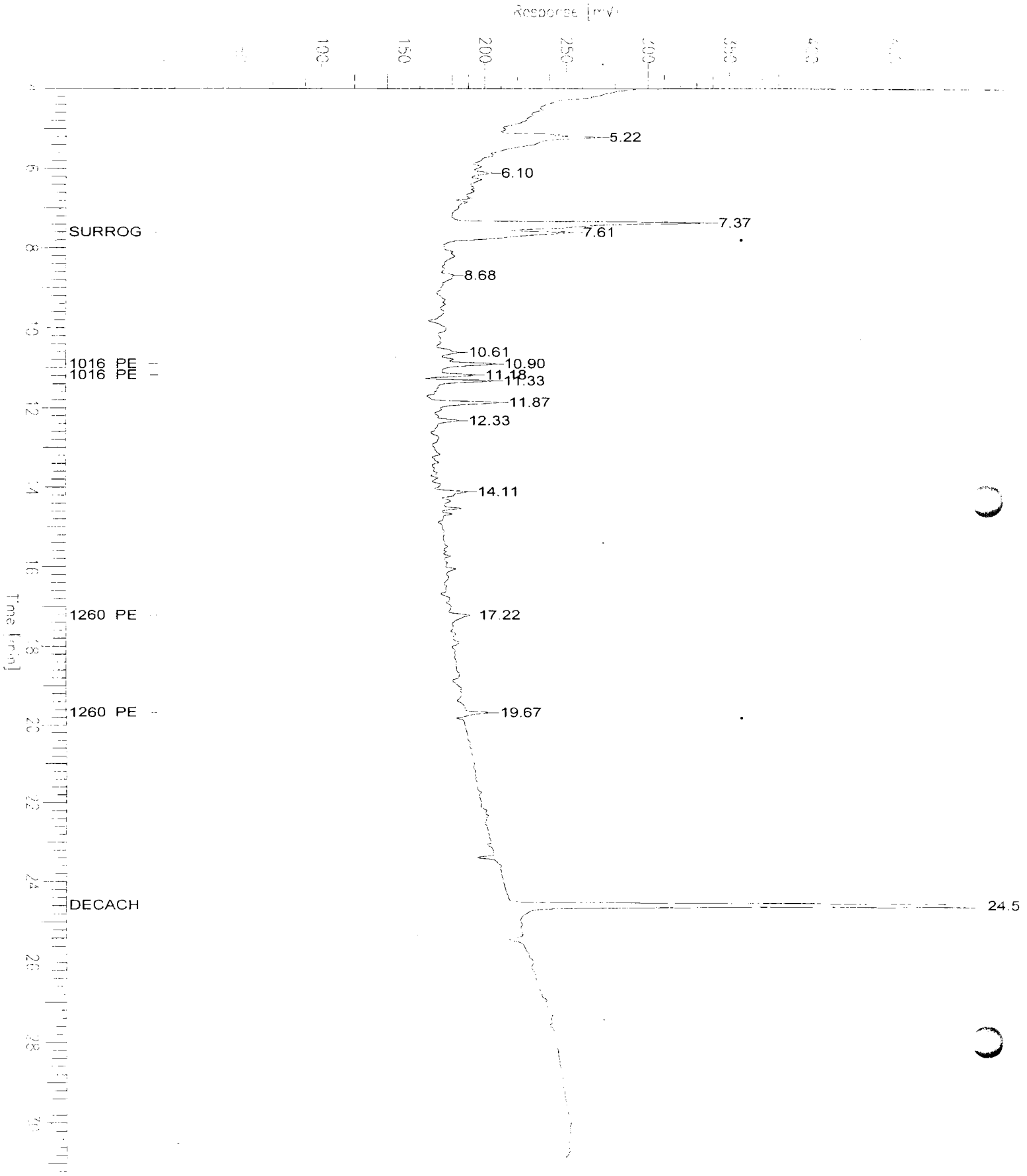
Sample #: 1
Date : 7/23/02 07:07 PM
Time of Injection: 7/23/02 06:35 PM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : prep blk 500/1ml 1:5
FileName : C:\TC4\DATA1\PCB3014J.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

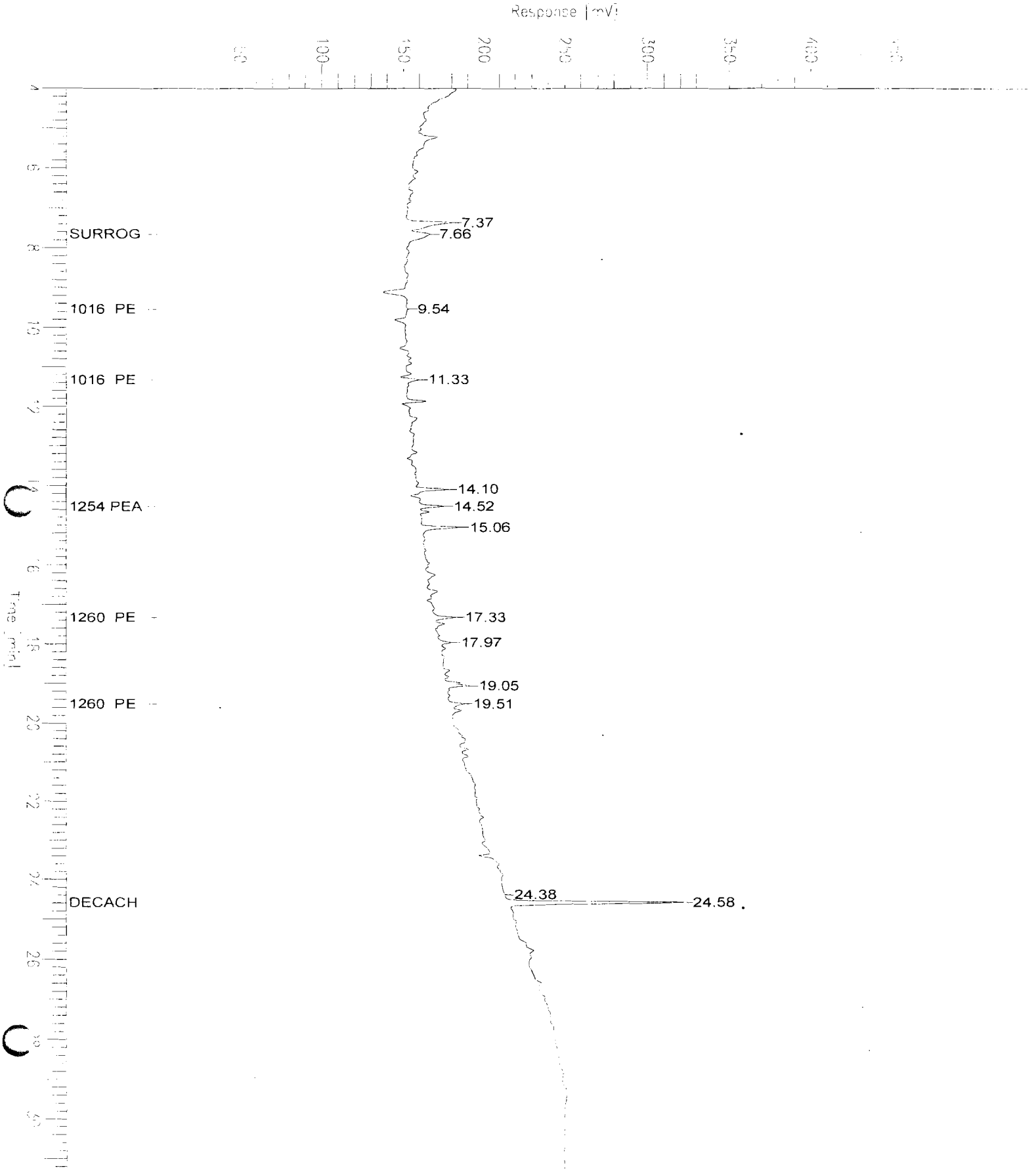
Sample #: 1
Date : 7/23/02 08:21 PM
Time of Injection: 7/23/02 07:50 PM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : 7-0406-3 10.21g/1ml 1:100
FileName : C:\TC4\DATA1\PCB3014K.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

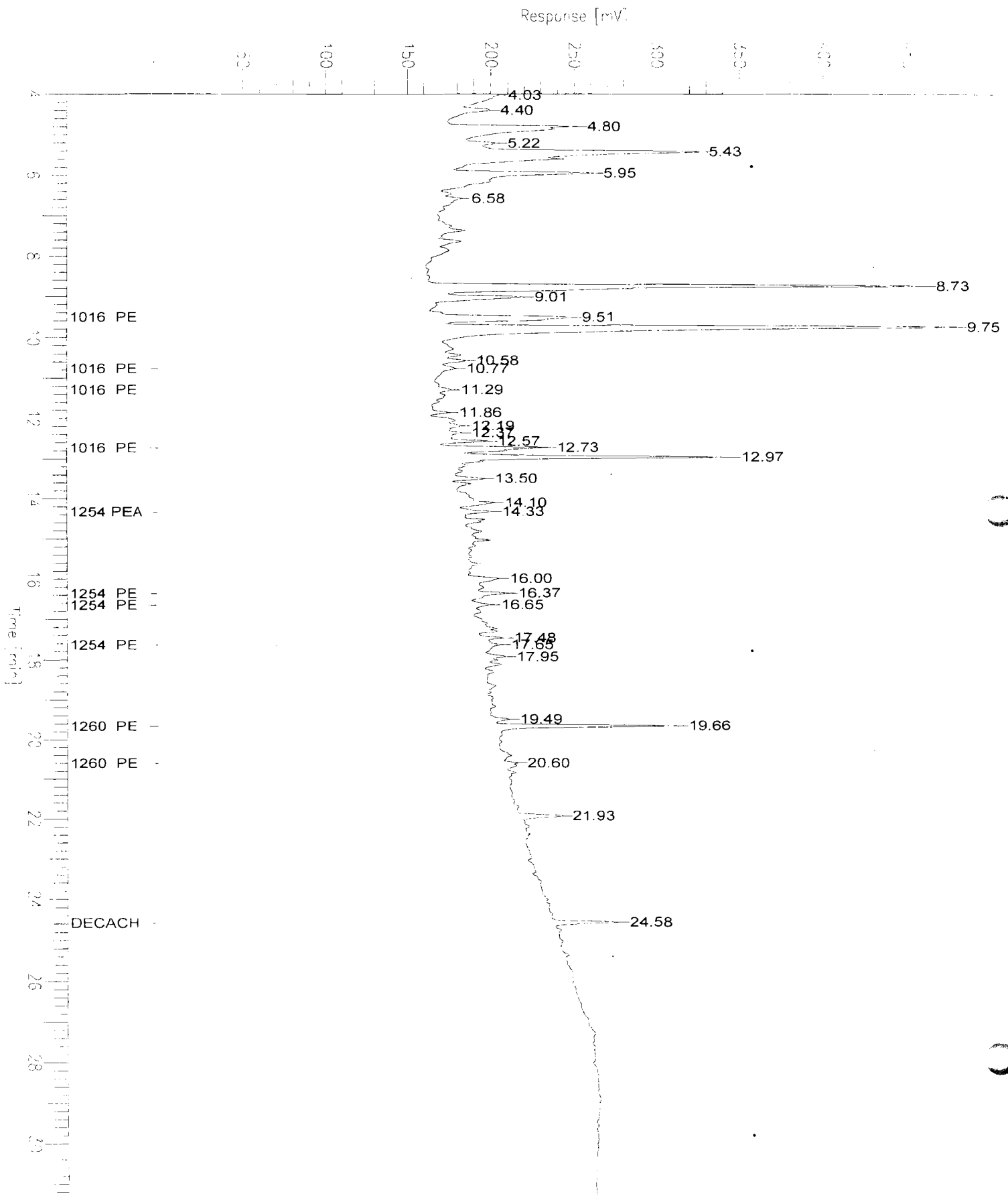
Sample #: 1
Date : 7/23/02 08:58 PM
Time of Injection: 7/23/02 08:27 PM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : 7-0406-4 10.12g/1ml 1:100
FileName : C:\TC4\DATA1\PCB3014L.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

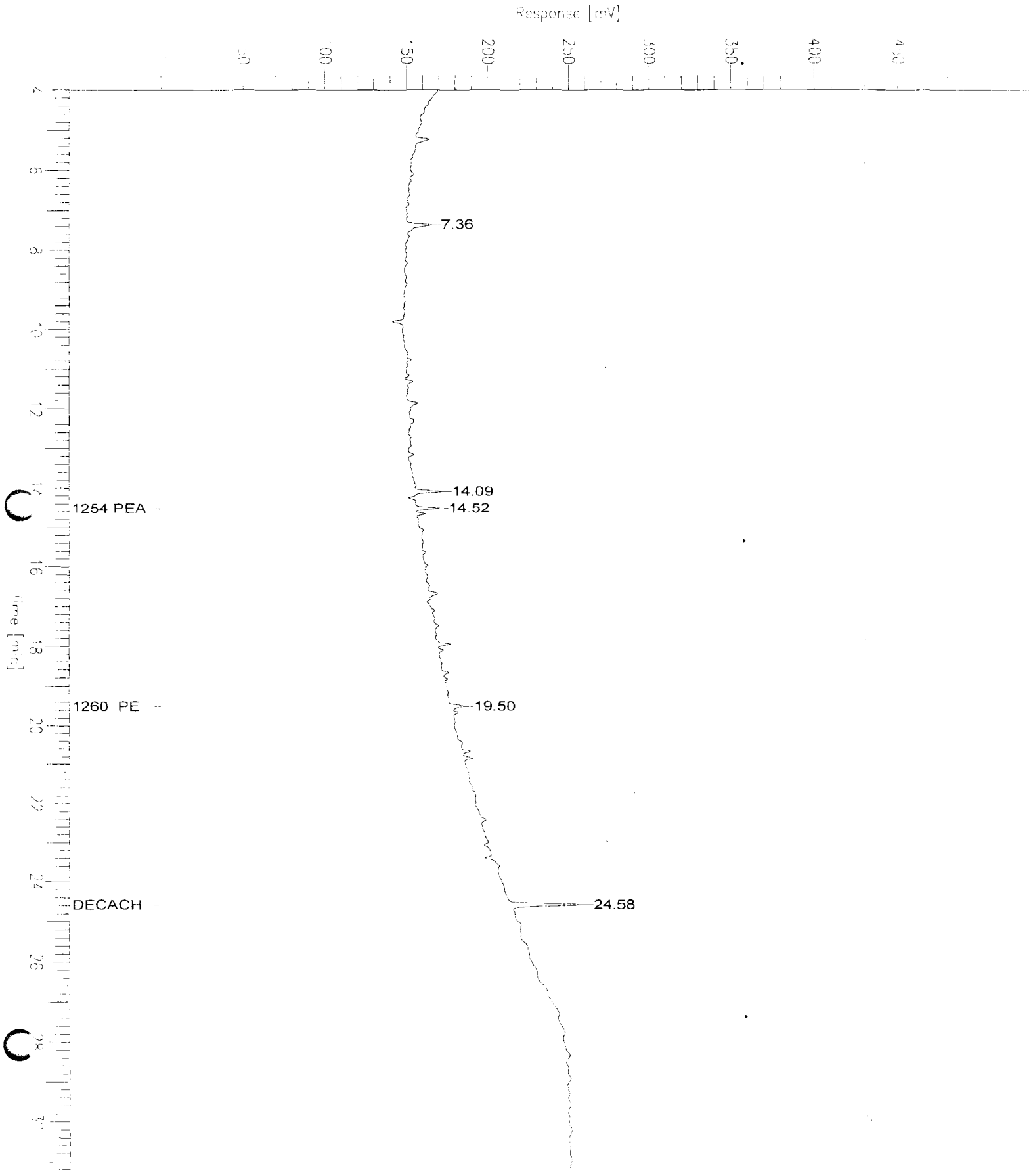
Sample #: 1
Date : 7/23/02 09:35 PM
Time of Injection: 7/23/02 09:04 PM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : 7-0406-5 10.14g/1ml 1:100
FileName : C:\TC4\DATA1\PCB3014M.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

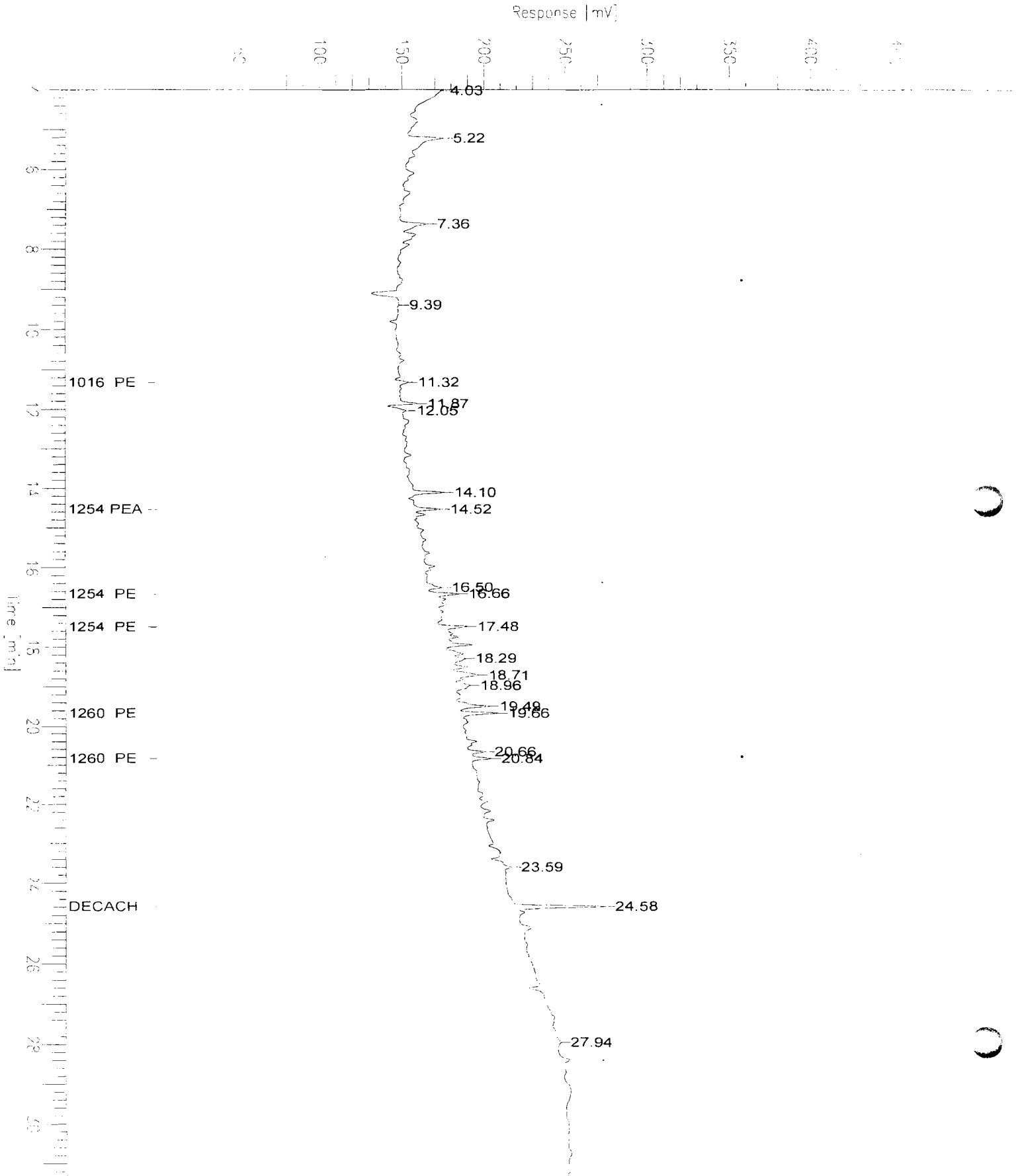
Sample #: 1
Date : 7/23/02 10:12 PM
Time of Injection: 7/23/02 09:41 PM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : 7-0406-8 10.39g/1ml 1:100
FileName : C:\TC4\DATA1\PCB3014N.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

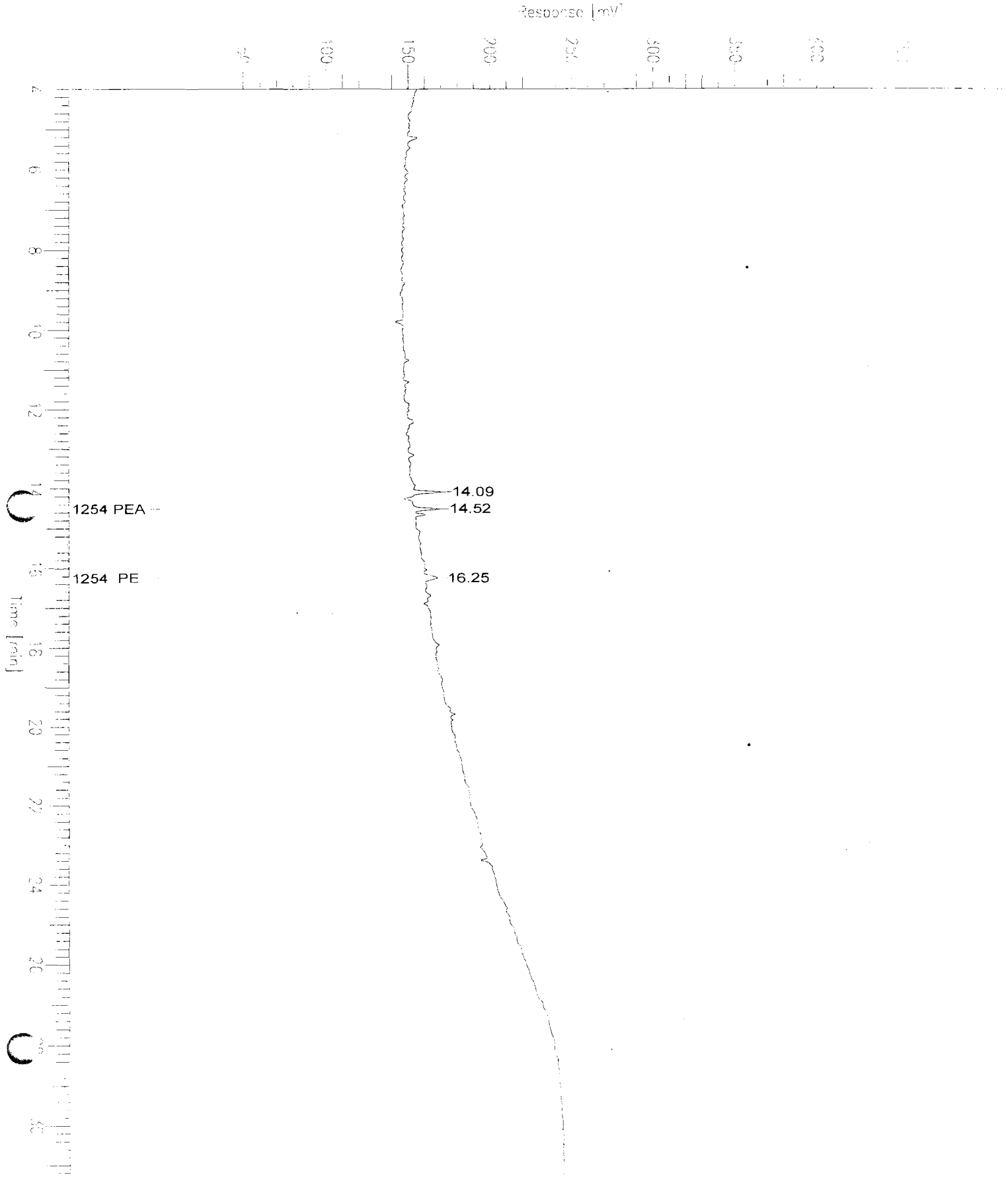
Sample #: 1
Date : 7/23/02 10:49 PM
Time of Injection: 7/23/02 10:18 PM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : hexane
FileName : C:\TC4\DATA1\PCB30140.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

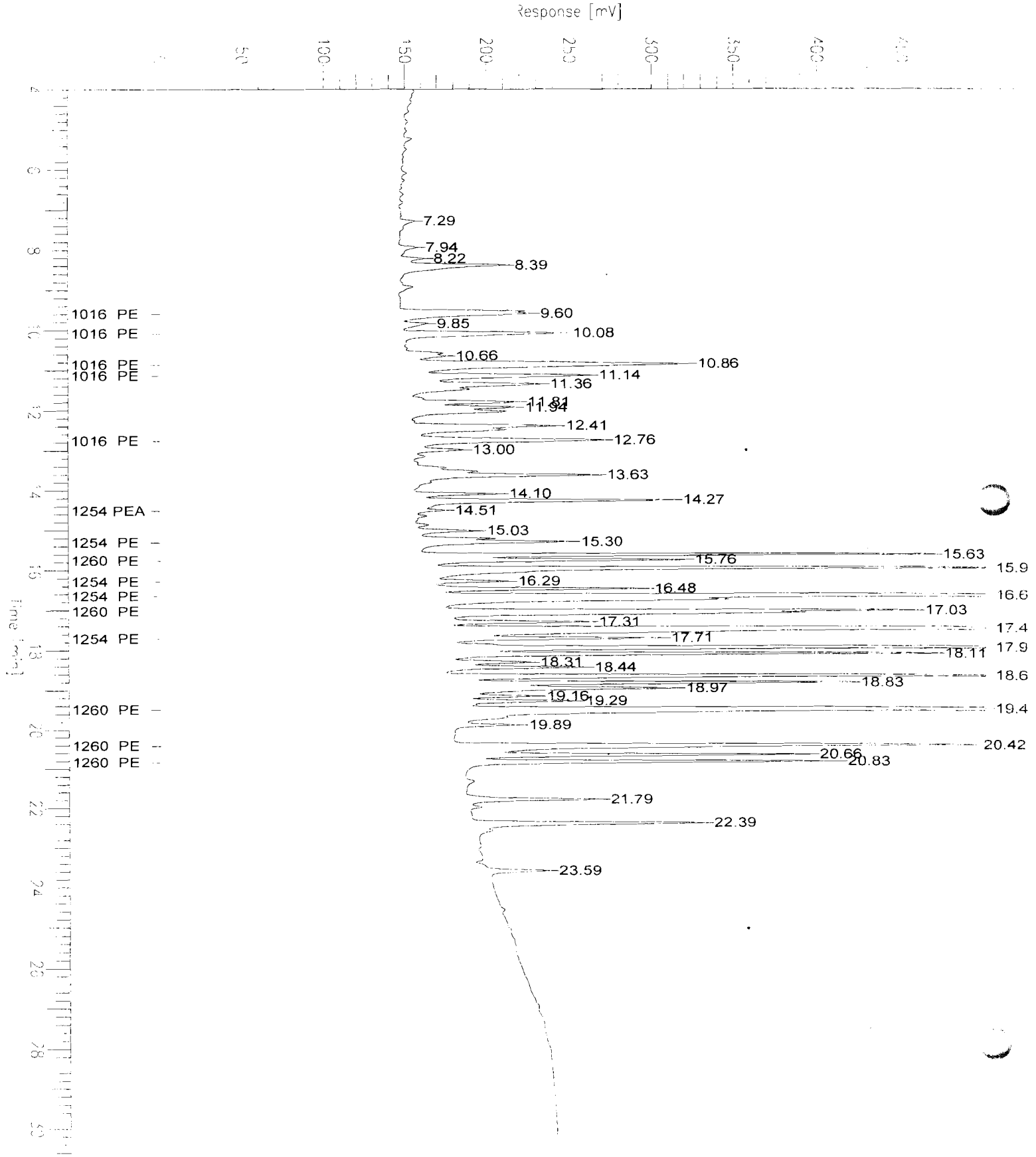
Sample #: 1
Date : 7/23/02 11:27 PM
Time of Injection: 7/23/02 10:55 PM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : CCAL
FileName : C:\TC4\DATA1\PCB3014P.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

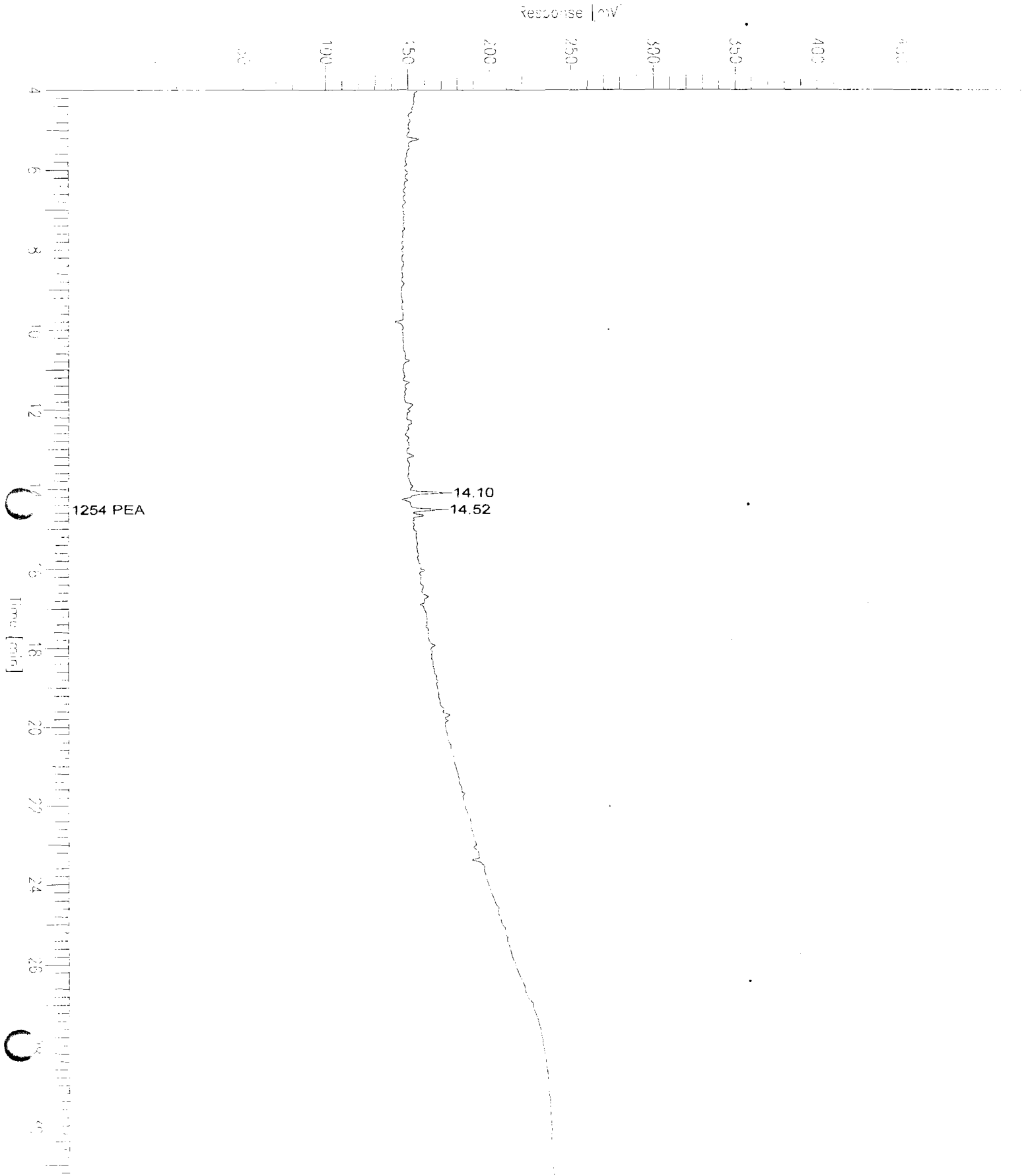
Sample #: 1 Page 1 of 1
Date : 7/24/02 12:04 AM
Time of Injection: 7/23/02 11:32 PM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : hexane
FileName : C:\TC4\DATA1\PCB3014R.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

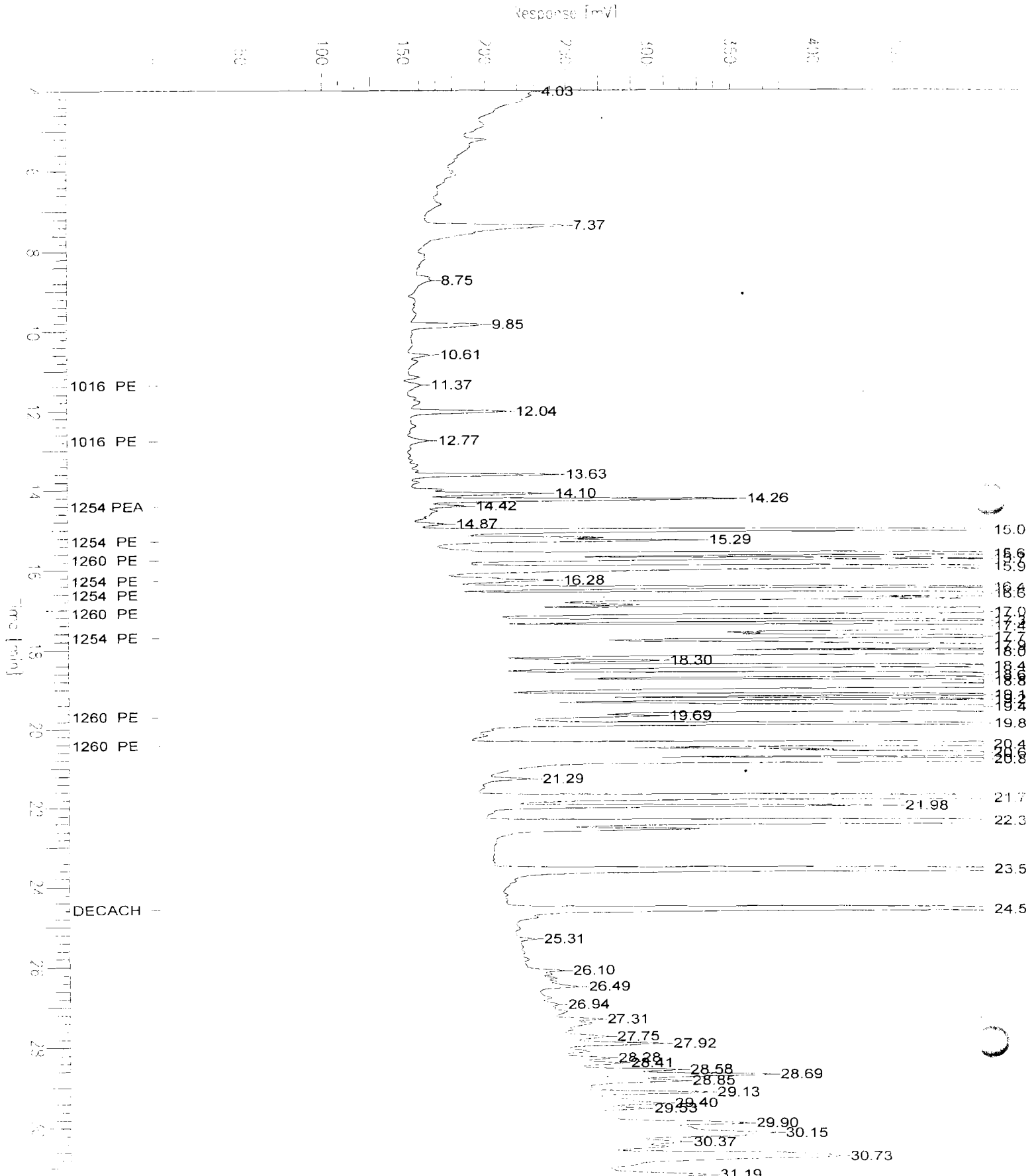
Sample #: 1
Date : 7/24/02 01:18 AM
Time of Injection: 7/24/02 12:46 AM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : 7-0406-9 10.29g/1ml 1:100
FileName : C:\TC4\DATA1\PCB3014S.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

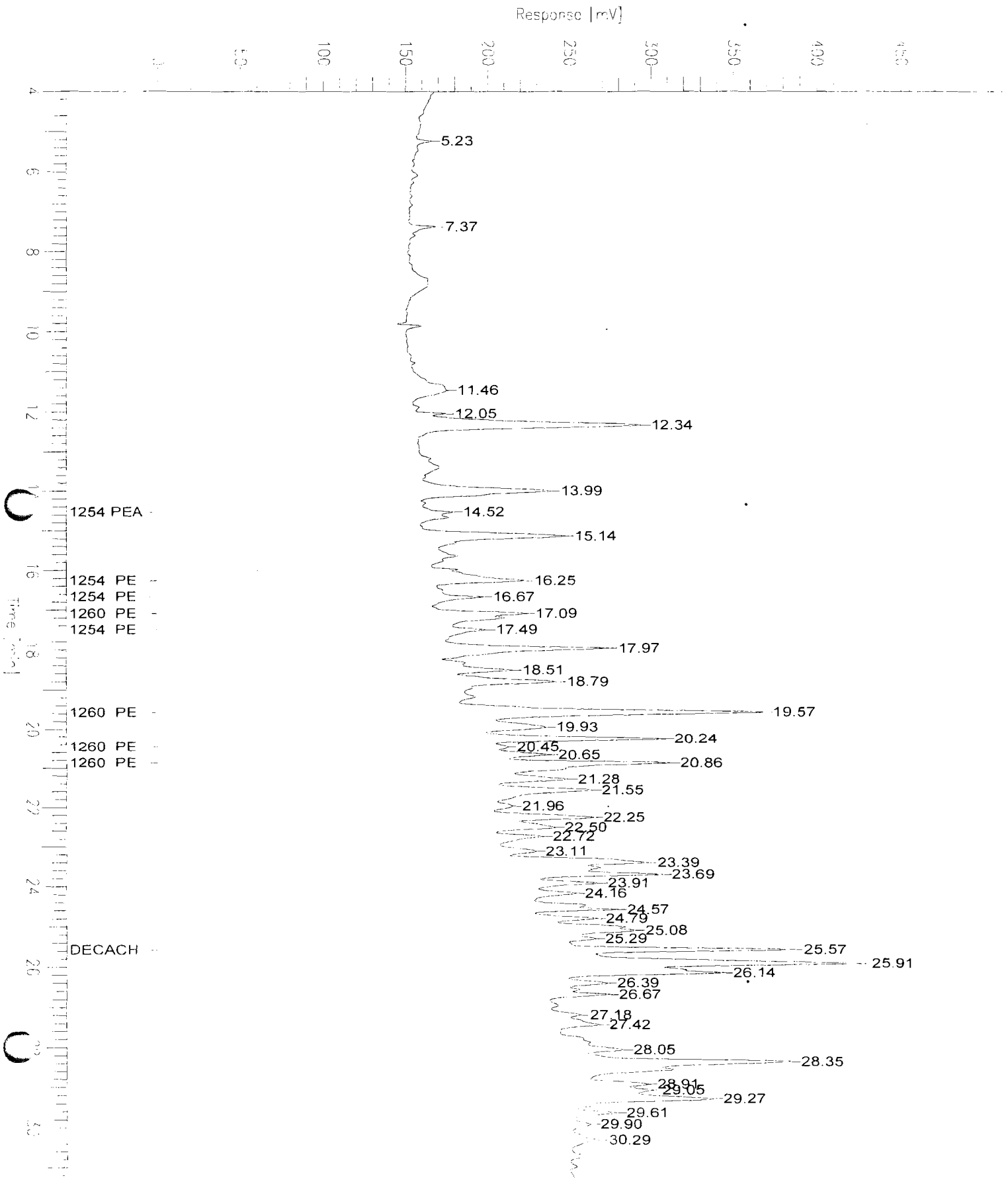
Sample #: 1
Date : 7/24/02 01:55 AM
Time of Injection: 7/24/02 01:23 AM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : 7-0406-10 10.14g/1ml 1:100
FileName : C:\TC4\DATA1\PCB3014T.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

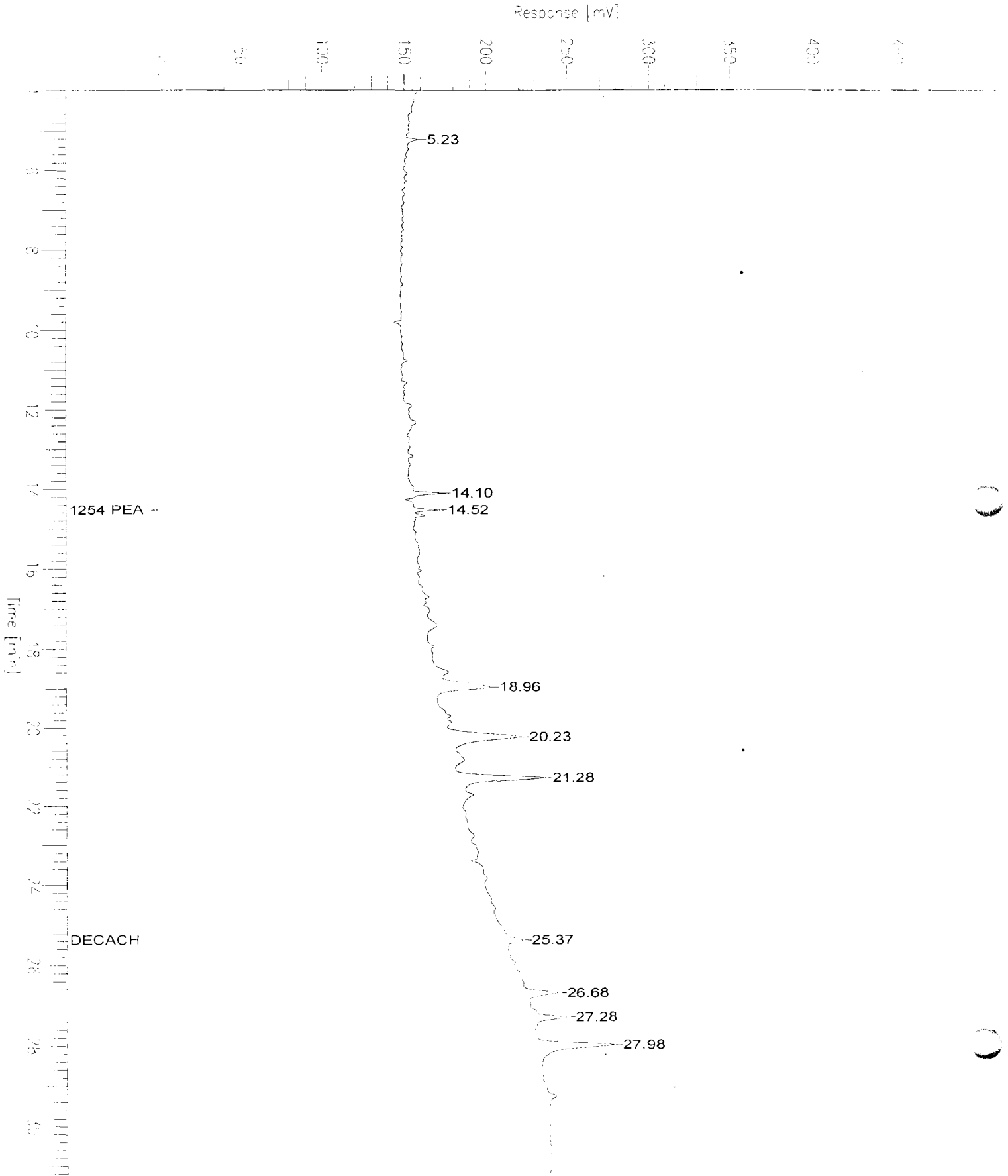
Sample #: 1
Date : 7/24/02 02:32 AM
Time of Injection: 7/24/02 02:00 AM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : hexane
FileName : C:\TC4\DATA1\PCB3014U.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

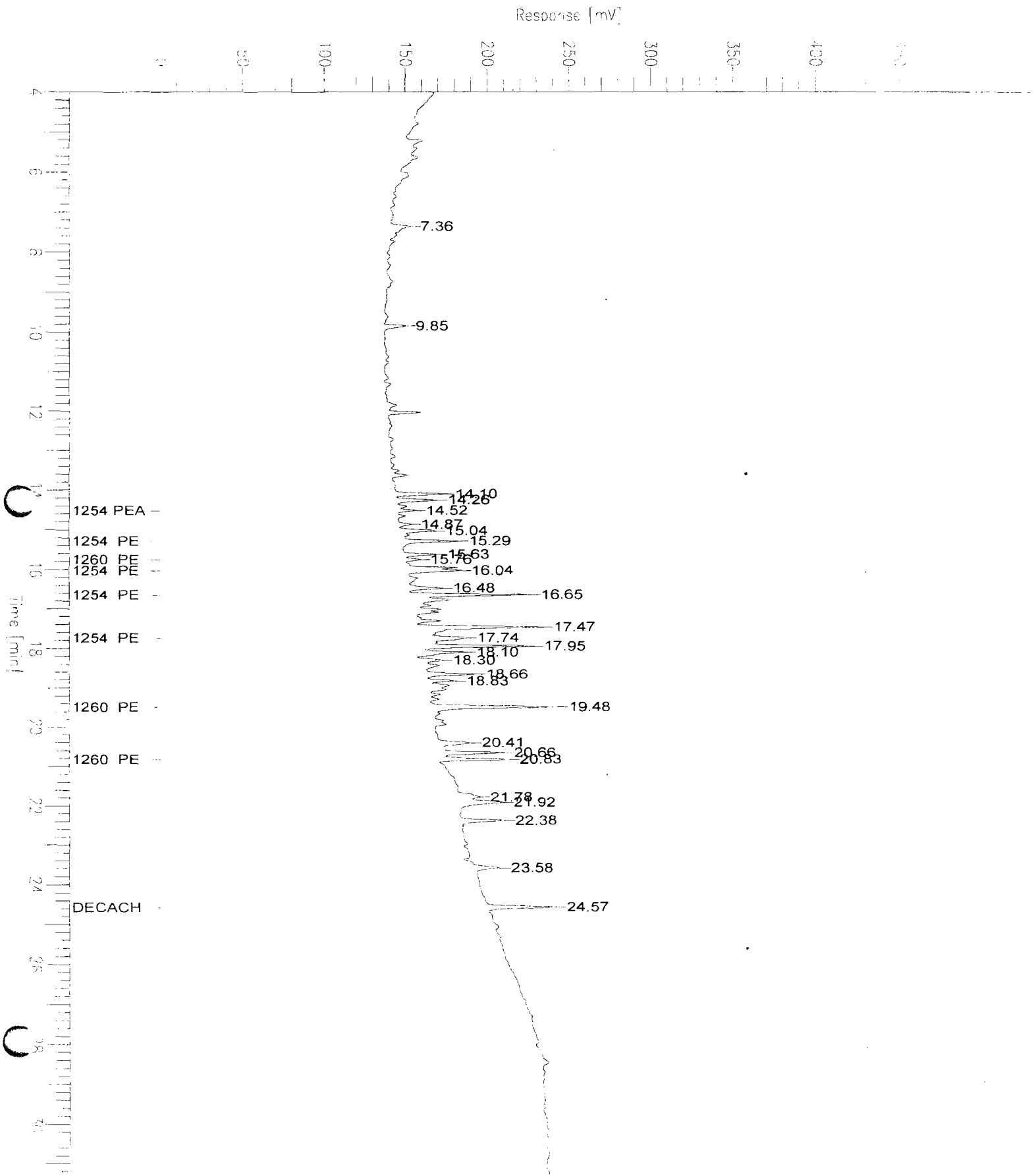
Sample #: 1
Date : 7/24/02 03:09 AM
Time of Injection: 7/24/02 02:37 AM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : 7-0406-11 10.10g/1ml 1:100
FileName : C:\TC4\DATA1\PCB3014V.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

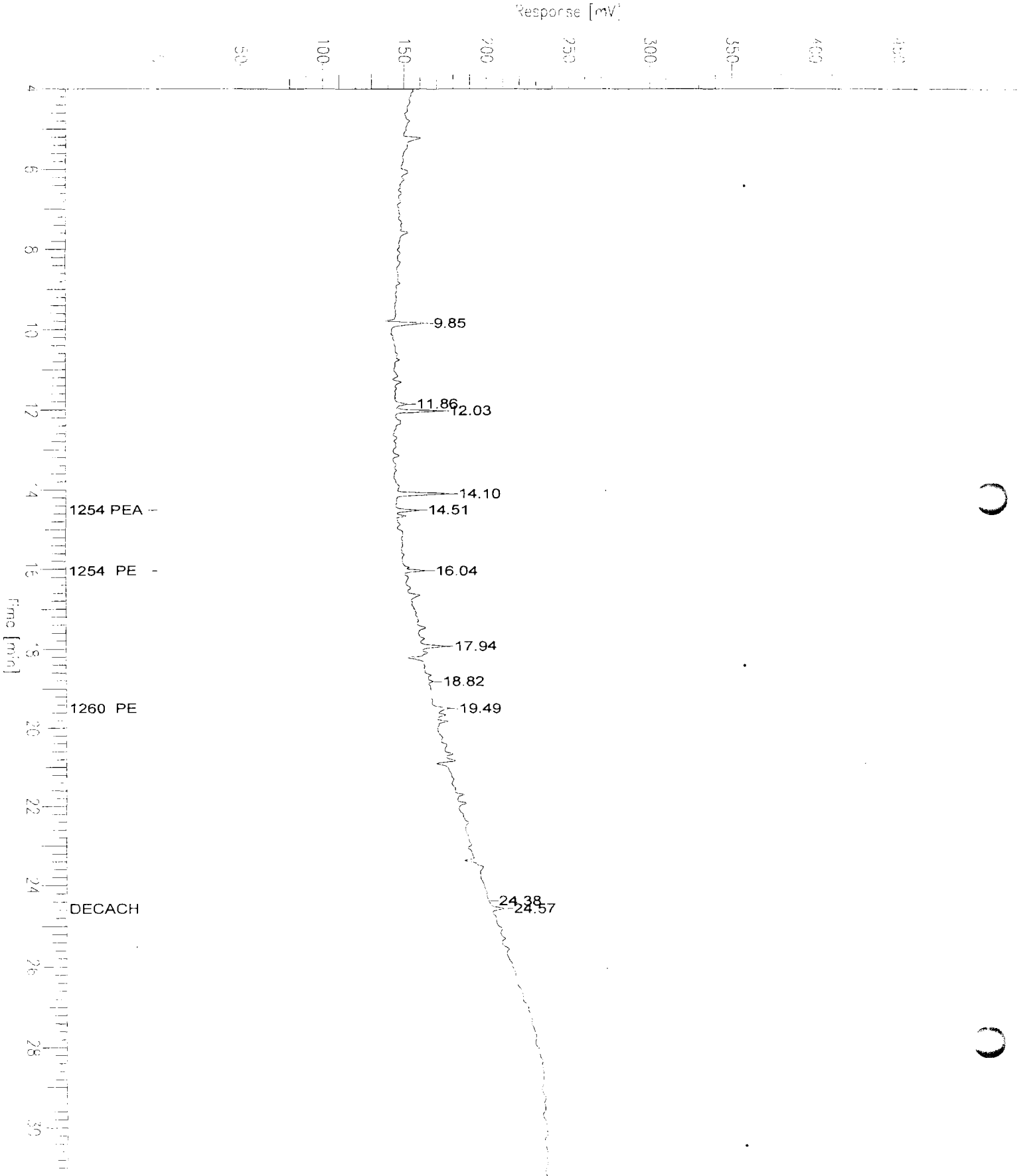
Sample #: 1
Date : 7/24/02 03:46 AM
Time of Injection: 7/24/02 03:14 AM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : 7-0406-12 10.07g/1ml 1:1000
FileName : C:\TC4\DATA1\PCB3014W.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

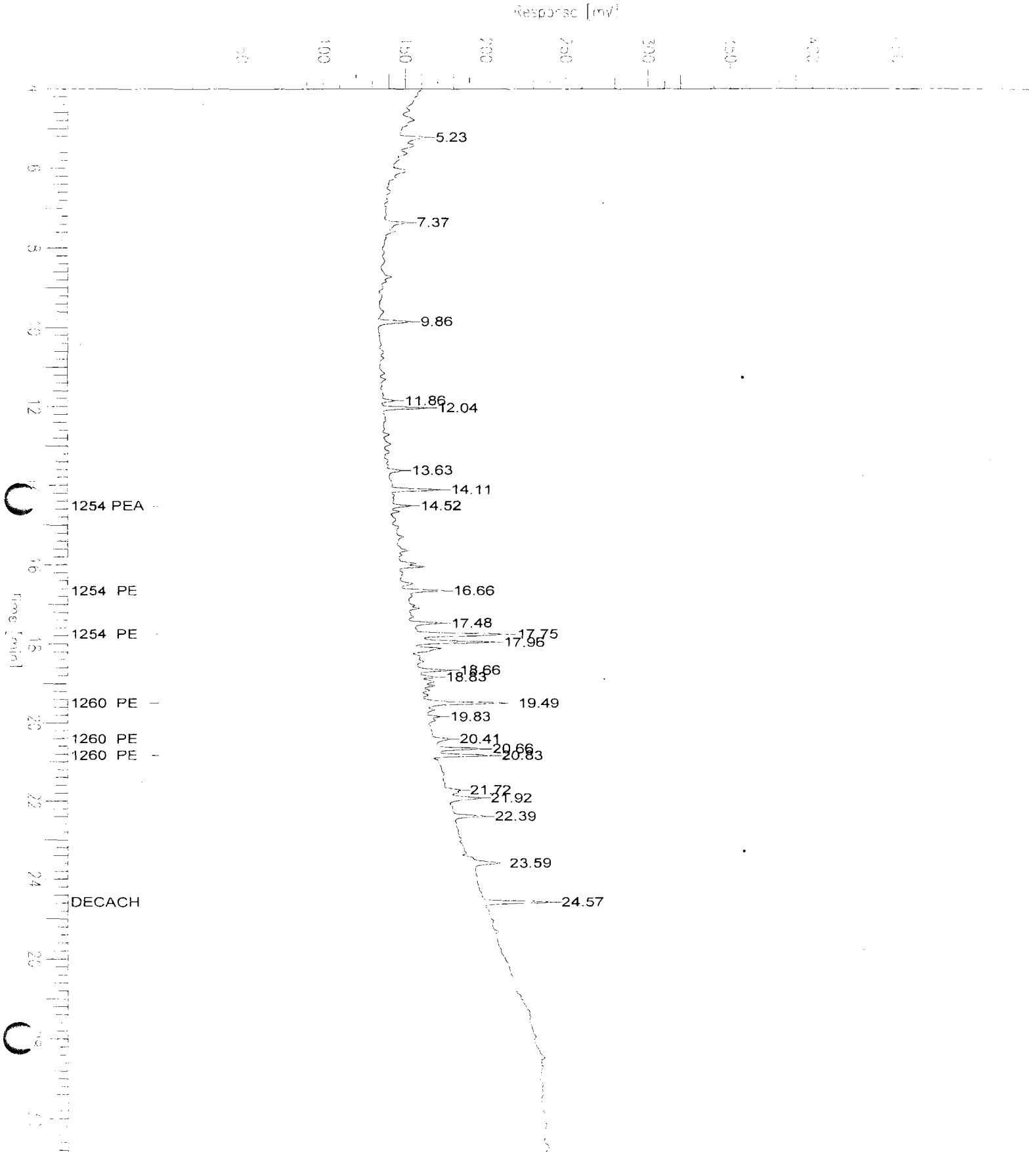
Sample #: 1
Date : 7/24/02 04:23 AM
Time of Injection: 7/24/02 03:51 AM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : 7-0406-13 10.10g/1ml 1:10
FileName : C:\TC4\DATA1\PCB3014X.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

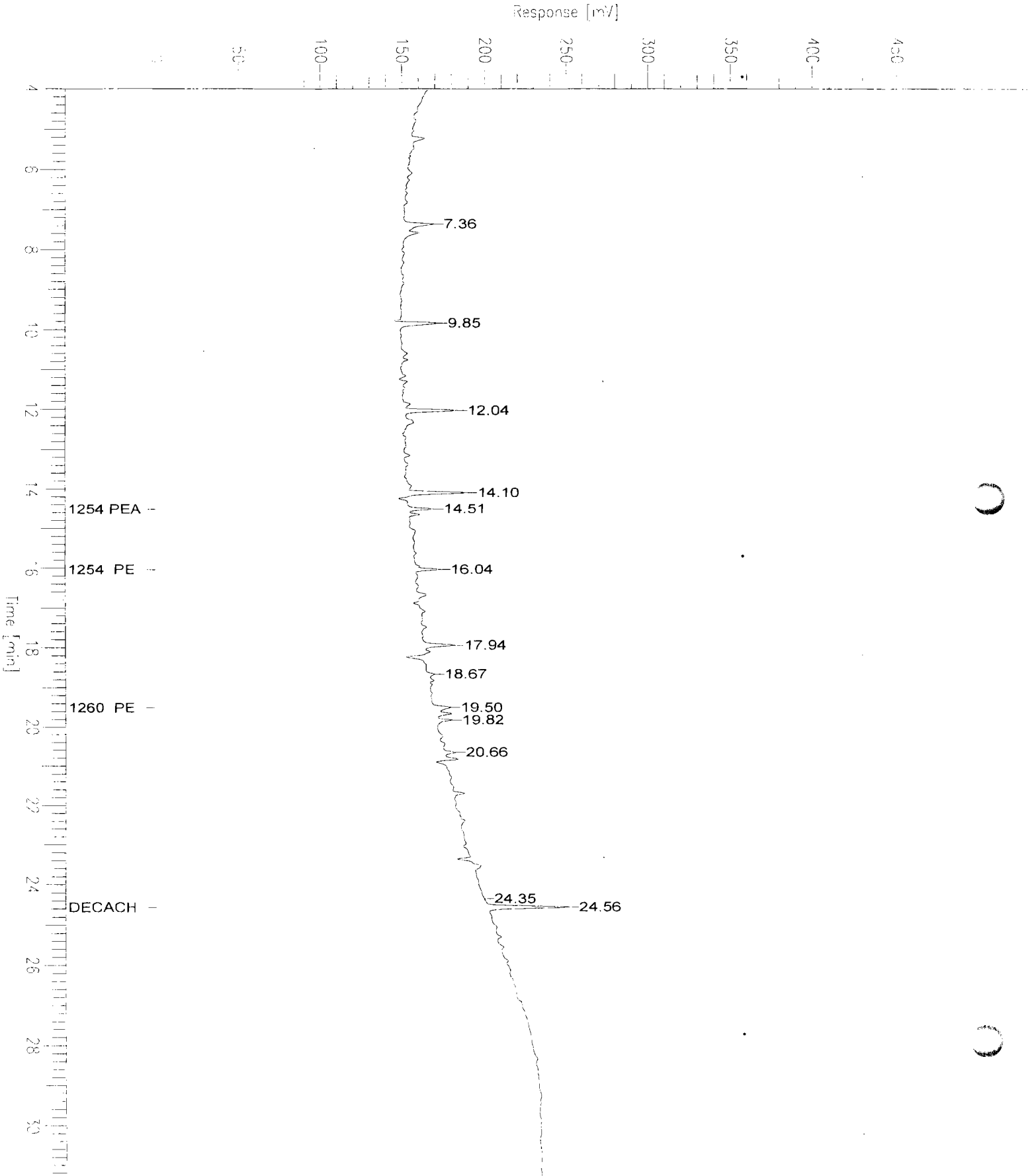
Sample #: 1
Date : 7/24/02 05:00 AM
Time of Injection: 7/24/02 04:28 AM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : 7-0406-14 10.14g/1ml 1:100
FileName : C:\TC4\DATA1\PCB3014Y.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

Sample #: 1
Date : 7/24/02 05:37 AM
Time of Injection: 7/24/02 05:05 AM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\072202\SV0722A.D Vial: 2
Acq On : 22 Jul 2002 10:55 am Operator: GWB
Sample : CCal 8270 60ppm Inst : HPSVOC
Misc : Multiplr: 1.00
MS Integration Params: EVENTST.E

Method : E:\METHODS\SV0812.M (Chemstation Integrator)
Title : SVTAB2
Last Update : Tue Aug 13 12:04:30 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 25% Max. R.T. Dev 1.00min
Max. RRF Dev : 75% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
107		3,3'DICHLOROBENZIDINE	0.404	0.407	-0.7	88	0.00
108		CHRYSENE	1.173	1.201	-2.4	91	0.00
109		BIS(2-ETHYLHEXYL)PHTHALATE	0.938	0.967	-3.1	89	0.00
110	I	PERYLENE-D12	1.000	1.000	0.0	88	0.00
111	C	DI-N-OCTYL PHTHALATE	1.408	1.475	-4.8	88	0.00
112		BENZO(B)FLUORANTHENE	1.128	1.104	2.1	83	0.00
113		7,12-DIMETHYLBENZ(A)ANTHRAC	0.476	0.509	-6.9	92	0.00
114		BENZO(K)FLUORANTHENE	1.071	1.157	-8.0	91	0.00
115	C	BENZO(A)PYRENE	1.017	1.054	-3.6	90	0.00
116		3-METHYLCHOLANTHRENE	0.485	0.506	-4.3	90	0.00
117		INDENO(1,2,3-CD)PYRENE	1.133	1.147	-1.2	89	0.00
118		DIBENZ(A,H)ANTHRACENE	0.952	0.965	-1.4	88	0.00
119		BENZO(G,H,I)PERYLENE	0.968	0.987	-2.0	90	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\072202\SV0722A.D Vial: 2
Acq On : 22 Jul 2002 10:55 am Operator: GWB
Sample : CCal 8270 60ppm Inst : HPSVOC
Misc : Multiplr: 1.00
MS Integration Params: EVENTST.E

Method : E:\METHODS\SV0812.M (Chemstation Integrator)
Title : SVTAB2
Last Update : Tue Aug 13 12:04:30 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 25% Max. R.T. Dev 1.00min
Max. RRF Dev : 75% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
54		ISOSAFROLE	0.463	0.489	-5.6	89	0.00
55		2-NITROANILINE	0.403	0.418	-3.7	89	0.00
56		1,4-NAPHTHOQUINONE	0.365	0.298	18.4	86	0.00
57		ACENAPHTHYLENE	1.709	1.783	-4.3	89	0.00
58		1,3-DINITROBENZENE	0.401	0.404	-0.7	88	0.00
59		DIMETHYL PHTHALATE	1.250	1.298	-3.8	89	0.00
60		2,6-DINITROTOLUENE	0.293	0.308	-5.1	90	0.00
61	CM	ACENAPHTHENE	1.046	1.086	-3.8	89	0.00
62		3-NITROANILINE	0.471	0.441	6.4	81	0.00
63	P	2,4-DINITROPHENOL	0.185	0.168	9.2	85	0.00
64		DIBENZOFURAN	1.545	1.612	-4.3	89	0.00
65		PENTACHLOROBENZENE	0.448	0.476	-6.2	91	0.00
66		1-NAPHTHYLAMINE	0.977	0.898	8.1	83	0.00
67	M	2,4-DINITROTOLUENE	0.432	0.442	-2.3	89	0.00
68		2-NAPHTHYLAMINE	0.575	0.402	30.1	76	0.00
69		2,3,4,6-TETRACHLOROPHENOL	0.314	0.333	-6.1	91	0.00
70	MP	4-NITROPHENOL	0.309	0.281	9.1	85	0.00
71		FLUORENE	1.211	1.255	-3.6	91	0.00
72	I	PHENANTHRENE-D10	1.000	1.000	0.0	87	0.00
73		4-CHLOROPHENYL PHENYL ETHER	0.312	0.329	-5.4	91	0.00
74		DIETHYL PHTHALATE	0.749	0.787	-5.1	90	0.00
75		5-NITRO-O-TOLUIDINE	0.224	0.232	-3.6	88	0.00
76		4-NITROANILINE	0.165	0.168	-1.8	87	0.00
77		2-METHYL-4,6-DINITROPHENOL	0.143	0.150	-4.9	88	0.00
78		AZOBENZENE	0.845	0.857	-1.4	88	0.00
79	C	DIPHENYLAMINE	0.611	0.644	-5.4	90	0.00
80	S	2,4,6-TRIBROMOPHENOL	0.086	0.090	-4.7	92	0.00
81		4-BROMOPHENYL PHENYL ETHER	0.190	0.200	-5.3	91	0.00
82		DIALLATE	0.280	0.292	-4.3	89	0.00
83		1,3,5-TRINITROBENZENE	0.244	0.247	-1.2	87	0.00
84		PHENACETIN	0.387	0.392	-1.3	87	0.00
85		HEXACHLOROBENZENE	0.203	0.216	-6.4	92	0.00
86		4-AMINOBIPHENYL	0.470	0.434	7.7	82	0.00
87	CM	PENTACHLOROPHENOL	0.133	0.141	-6.0	91	0.00
88		PENTACHLORONITROBENZENE	0.096	0.100	-4.2	90	0.00
89		PHENANTHRENE	1.040	1.073	-3.2	90	0.00
90		PRONAMIDE	0.339	0.356	-5.0	90	0.00
91		ANTHRACENE	1.041	1.078	-3.6	90	0.00
92		DINOSEB	0.185	0.190	-2.7	89	0.00
93		CARBAZOLE	0.952	0.993	-4.3	90	0.00
94		DI-N-BUTYL PHTHALATE	1.230	1.288	-4.7	90	0.00
95		ISODRIN	0.131	0.136	-3.8	90	0.00
96	C	FLUORANTHENE	1.097	1.120	-2.1	90	0.00
97	I	CHRYSENE-D12	1.000	1.000	0.0	87	0.00
98	M	PYRENE	1.199	1.254	-4.6	91	0.00
99		BENZIDINE	0.249	0.375	-50.6	148	0.00
100	S	TERPHENYL-D14	0.844	0.887	-5.1	91	0.00
101		P-(DIMETHYLAMINO)AZOBENZE	0.410	0.419	-2.2	87	0.00
102		CHLOROBENZILATE	0.383	0.402	-5.0	91	0.00
103		3,3'DIMETHYLBENZIDINE	0.542	0.498	8.1	83	0.00
104		BUTYL BENZYL PHTHALATE	0.652	0.673	-3.2	89	0.00
105		2-ACETYLAMINOFLUORENE	0.533	0.538	-0.9	86	0.00
106		BENZO(A)ANTHRACENE	1.173	1.189	-1.4	90	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\072202\SV0722A.D Vial: 2
Acq On : 22 Jul 2002 10:55 am Operator: GWB
Sample : CCal 8270 60ppm Inst : HPSVOC
Misc : Multiplr: 1.00
MS Integration Params: EVENTST.E

Method : E:\METHODS\SV0812.M (Chemstation Integrator)
Title : SVTAB2
Last Update : Tue Aug 13 12:04:30 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 25% Max. R.T. Dev 1.00min
Max. RRF Dev : 75% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DICHLOROBENZENE-D4	1.000	1.000	0.0	85	0.00
2		N-NITROSODIMETHYLAMINE	0.821	0.851	-3.7	86	0.00
3		PYRIDINE	1.363	1.298	4.8	83	0.00
4		2-PICOLINE	1.514	1.596	-5.4	90	0.00
5		N-NITROSOMETHYLETHYLAMINE	0.672	0.719	-7.0	89	0.00
6		METHYL METHANESULFONATE	0.719	0.691	3.9	86	0.00
7	S	2-FLUOROPHENOL	1.175	1.243	-5.8	89	0.00
8		N-NITROSODIETHYLAMINE	0.683	0.720	-5.4	88	0.00
9		ETHYL METHANESULFONATE	1.103	1.125	-2.0	86	0.00
10		PENTACHLOROETHANE	0.501	0.528	-5.4	89	0.00
11		ANILINE	1.855	1.840	0.8	82	0.00
12		BIS (2-CHLOROETHYL) ETHER	1.663	1.651	0.7	85	0.00
13	M	2-CHLOROPHENOL	1.405	1.473	-4.8	88	0.00
14	S	PHENOL-D5	1.592	1.620	-1.8	87	0.00
15	CM	PHENOL	1.878	1.942	-3.4	88	0.00
16		1,3-DICHLOROBENZENE	1.478	1.555	-5.2	89	0.00
17	CM	1,4-DICHLOROBENZENE	1.533	1.611	-5.1	88	0.00
18		1,2-DICHLOROBENZENE	1.438	1.520	-5.7	89	0.00
19		BENZYL ALCOHOL	1.018	0.855	16.0	69	0.00
20		BIS(2-CHLOROISOPROPYL)ETHER	3.361	3.403	-1.2	85	0.00
		2-METHYLPHENOL	1.330	1.301	2.2	86	0.00
22		ACETOPHENONE	1.959	1.968	-0.5	86	0.00
23		N-NITROSOPYRROLIDINE	0.782	0.810	-3.6	88	0.00
24		HEXACHLOROETHANE	0.589	0.623	-5.8	88	0.00
25		O-TOLUIDINE	2.045	2.029	0.8	84	0.00
26	PM	N-NITROSODI-N-PROPYLAMINE	1.166	1.206	-3.4	88	0.00
27	S	NITROBENZENE-D5	1.622	1.651	-1.8	86	0.00
28		NITROBENZENE	0.781	0.806	-3.2	88	0.00
29		3/4-METHYLPHENOL	2.161	2.208	-2.2	87	0.00
30	I	NAPHTHALENE-D8	1.000	1.000	0.0	85	0.00
31		N-NITROSOPIPERIDINE	0.342	0.347	-1.5	85	0.00
32		ISOPHORONE	0.777	0.810	-4.2	88	0.00
33	C	2-NITROPHENOL	0.208	0.213	-2.4	85	0.00
34		2,4-DIMETHYLPHENOL	0.369	0.397	-7.6	89	0.00
35		BIS(2-CHLOROETHOXY)METHANE	0.450	0.473	-5.1	87	0.00
36	C	2,4-DICHLOROPHENOL	0.289	0.310	-7.3	88	0.00
37	M	1,2,4-TRICHLOROBENZENE	0.320	0.336	-5.0	87	0.00
38		NAPHTHALENE	1.036	1.086	-4.8	87	0.00
39		HEXACHLOROPROPENE	0.211	0.224	-6.2	87	0.00
40		2,6-DICHLOROPHENOL	0.291	0.309	-6.2	88	0.00
41		4-CHLOROANILINE	0.377	0.373	1.1	83	0.00
42	C	HEXACHLOROBUTADIENE	0.180	0.191	-6.1	88	0.00
43		N-NITROSO-DI-N-BUTYLAMINE	0.278	0.292	-5.0	89	0.00
44		SAFROLE	0.283	0.298	-5.3	88	0.00
45		2-METHYLNAPHTHALENE	0.606	0.633	-4.5	88	0.00
46	CM	4-CHLORO-3-METHYLPHENOL	0.332	0.352	-6.0	89	0.00
47	I	ACENAPHTHENE-D10	1.000	1.000	0.0	86	0.00
48		1,2,4,5-TETRACHLOROBENZENE	0.471	0.500	-6.2	90	0.00
	P	HEXACHLOROCYCLOPENTADIENE	0.292	0.318	-8.9	89	0.00
	C	2,4,6-TRICHLOROPHENOL	0.327	0.347	-6.1	90	0.00
51		2,4,5-TRICHLOROPHENOL	0.337	0.359	-6.5	92	0.00
52	S	2-FLUOROBIPHENYL	1.136	1.197	-5.4	89	0.00
53		2-CHLORONAPHTHALENE	1.063	1.113	-4.7	89	0.00

(#) = Out of Range

Response Factor Report HPSVOC

Method : E:\METHODS\SV0812.M (Chemstation Integrator)
Title : SVTAB2
Last Update : Tue Aug 13 12:04:30 2002
Response via : Initial Calibration

Calibration Files
120 =ICC0719F.D 100 =ICC0719E.D 80 =ICC0719D.D
60 =ICC0719C.D 40 =ICC0719B.D 20 =ICC0719A.D

		Compound	120	100	80	60	40	20	Avg	%RSD
111)	C	DI-N-OCTYL PHTHALAT	1.284	1.391	1.466	1.420	1.480	1.408		5.54
112)		BENZO(B)FLUORANTHEN	1.179	1.115	1.172	1.133	1.042	1.128		4.88
113)		7,12-DIMETHYLBENZ(A	0.468	0.471	0.487	0.476	0.475	0.476		1.56
114)		BENZO(K)FLUORANTHEN	0.859	0.984	1.110	1.144	1.255	1.071		14.27
115)	C	BENZO(A)PYRENE	0.970	0.989	1.025	1.035	1.066	1.017		3.74
116)		3-METHYLCHOLANTHREN	0.500	0.486	0.495	0.496	0.446	0.485		4.56
117)		INDENO(1,2,3-CD)PYR	1.120	1.100	1.131	1.163	1.150	1.133		2.17
118)		DIBENZ(A,H)ANTHRACE	0.934	0.931	0.960	0.976	0.959	0.952		2.03
119)		BENZO(G,H,I)PERYLEN	0.951	0.932	0.961	0.994	1.000	0.968		2.99

(#) = Out of Range

Response Factor Report HPSVOC

Method : E:\METHODS\SV0812.M (Chemstation Integrator)
Title : SVTAB2
Last Update : Tue Aug 13 12:04:30 2002
Response via : Initial Calibration

Calibration Files
120 =ICC0719F.D 100 =ICC0719E.D 80 =ICC0719D.D
60 =ICC0719C.D 40 =ICC0719B.D 20 =ICC0719A.D

		Compound	120	100	80	60	40	20	Avg	%RSD
56)		1,4-NAPHTHOQUINONE		0.372	0.379	0.297	0.402	0.373	0.365	10.92
57)		ACENAPHTHYLENE		1.577	1.600	1.720	1.789	1.857	1.709	7.02
58)		1,3-DINITROBENZENE	0.404	0.413	0.393	0.397	0.395		0.401	2.06
59)		DIMETHYL PHTHALATE		1.218	1.197	1.250	1.283	1.304	1.250	3.56
60)		2,6-DINITROTOLUENE		0.278	0.282	0.295	0.305	0.306	0.293	4.39
61)	CM	ACENAPHTHENE		0.999	0.997	1.047	1.077	1.110	1.046	4.69
62)		3-NITROANILINE		0.459	0.474	0.472	0.488	0.463	0.471	2.38
63)	P	2,4-DINITROPHENOL	0.206	0.209	0.180	0.170	0.162		0.185	11.45
64)		DIBENZOFURAN		1.447	1.477	1.553	1.606	1.643	1.545	5.37
65)		PENTACHLOROBENZENE		0.430	0.423	0.450	0.458	0.479	0.448	5.02
66)		1-NAPHTHYLAMINE		0.920	0.990	0.936	1.042	0.998	0.977	5.07
67)	M	2,4-DINITROTOLUENE		0.439	0.424	0.429	0.441	0.430	0.432	1.68
68)		2-NAPHTHYLAMINE		0.590	0.573	0.458	0.641	0.610	0.575	12.18
69)		2,3,4,6-TETRACHLORO		0.307	0.307	0.315	0.325	0.318	0.314	2.52
70)	MP	4-NITROPHENOL	0.332	0.348	0.298	0.284	0.282		0.309	9.63
71)		FLUORENE		1.138	1.143	1.183	1.251	1.339	1.211	7.02
72)	I	PHENANTHRENE-D10	----------ISTD----------							
73)		4-CHLOROPHENYL PHEN		0.282	0.293	0.314	0.321	0.349	0.312	8.31
74)		DIETHYL PHTHALATE		0.710	0.731	0.761	0.763	0.780	0.749	3.76
75)		5-NITRO-O-TOLUIDINE		0.221	0.225	0.229	0.232	0.213	0.224	3.38
76)		4-NITROANILINE		0.184	0.171	0.167	0.172	0.129	0.165	12.70
77)		2-METHYL-4,6-DINITR		0.144	0.147	0.147	0.147	0.130	0.143	5.27
78)		AZOBENZENE		0.874	0.803	0.840	0.850	0.858	0.845	3.15
79)	C	DIPHENYLAMINE		0.559	0.587	0.618	0.637	0.655	0.611	6.28
80)	S	2,4,6-TRIBROMOPHENO		0.088	0.085	0.085	0.085	0.088	0.086	2.20
81)		4-BROMOPHENYL PHENY		0.180	0.181	0.191	0.195	0.205	0.190	5.48
82)		DIALLATE		0.268	0.276	0.285	0.285	0.288	0.280	2.99
83)		1,3,5-TRINITROBENZE		0.242	0.254	0.245	0.255	0.224	0.244	5.06
84)		PHENACETIN		0.398	0.388	0.391	0.386	0.369	0.387	2.75
85)		HEXACHLOROBENZENE		0.195	0.194	0.203	0.206	0.215	0.203	4.35
86)		4-AMINOBIPHENYL		0.436	0.483	0.457	0.516	0.460	0.470	6.45
87)	CM	PENTACHLOROPHENOL		0.137	0.134	0.135	0.135	0.124	0.133	4.00
88)		PENTACHLORONITROBEN		0.093	0.093	0.097	0.097	0.098	0.096	2.87
89)		PHENANTHRENE		0.955	0.984	1.037	1.084	1.140	1.040	7.18
90)		PRONAMIDE		0.319	0.330	0.343	0.346	0.355	0.339	4.14
91)		ANTHRACENE		0.940	0.970	1.032	1.087	1.177	1.041	9.10
92)		DINOSEB		0.182	0.182	0.185	0.189	0.185	0.185	1.45
93)		CARBAZOLE		0.888	0.902	0.958	1.006	1.007	0.952	5.88
94)		DI-N-BUTYL PHTHALAT		1.077	1.164	1.237	1.294	1.380	1.230	9.48
95)		ISODRIN		0.122	0.124	0.132	0.136	0.141	0.131	6.14
96)	C	FLUORANTHENE		1.004	1.015	1.074	1.159	1.234	1.097	8.96
97)	I	CHRYSENE-D12	----------ISTD----------							
98)	M	PYRENE		1.080	1.143	1.203	1.232	1.340	1.199	8.15
99)		BENZIDINE	0.292	0.223	0.274	0.222	0.233		0.249	12.88
100)	S	TERPHENYL-D14		0.777	0.814	0.857	0.850	0.923	0.844	6.45
101)		P-(DIMETHYLAMINO)AZ		0.397	0.410	0.422	0.413	0.406	0.410	2.26
102)		CHLOROBENZILATE		0.368	0.375	0.388	0.383	0.402	0.383	3.37
103)		3,3'DIMETHYLBENZIDI		0.444	0.528	0.526	0.625	0.589	0.542	12.80
104)		BUTYL BENZYL PHTHAL		0.613	0.641	0.664	0.660	0.680	0.652	3.96
105)		2-ACETYLAMINOFLUORE		0.575	0.537	0.550	0.549	0.457	0.533	8.42
106)		BENZO(A)ANTHRACENE		1.140	1.120	1.158	1.193	1.255	1.173	4.53
107)		3,3'DICHLOROBENZIDI		0.391	0.393	0.405	0.422	0.408	0.404	3.05
108)		CHRYSENE		1.120	1.112	1.160	1.210	1.263	1.173	5.41
109)		BIS(2-ETHYLHEXYL)PH		0.879	0.916	0.955	0.962	0.981	0.938	4.34
110)	I	PERYLENE-D12	----------ISTD----------							

(#) = Out of Range

Response Factor Report HPSVOC

Method : E:\METHODS\SV0812.M (Chemstation Integrator)
Title : SVTAB2
Last Update : Tue Aug 13 12:04:30 2002
Response via : Initial Calibration

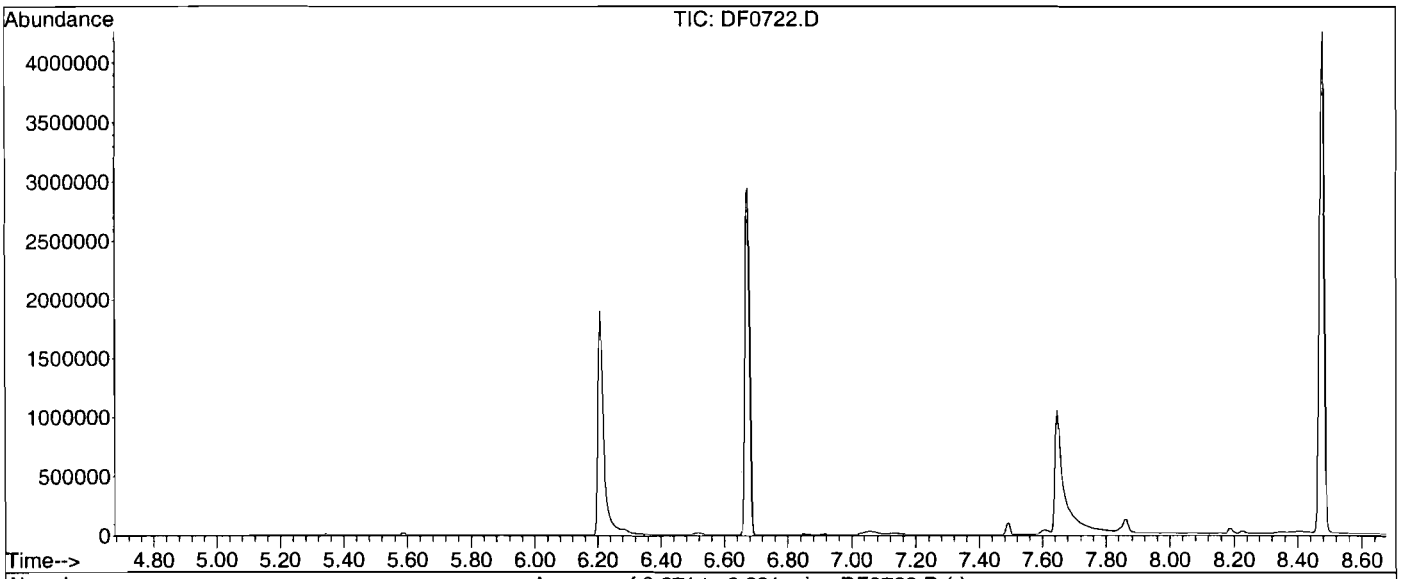
Calibration Files
120 =ICC0719F.D 100 =ICC0719E.D 80 =ICC0719D.D
60 =ICC0719C.D 40 =ICC0719B.D 20 =ICC0719A.D

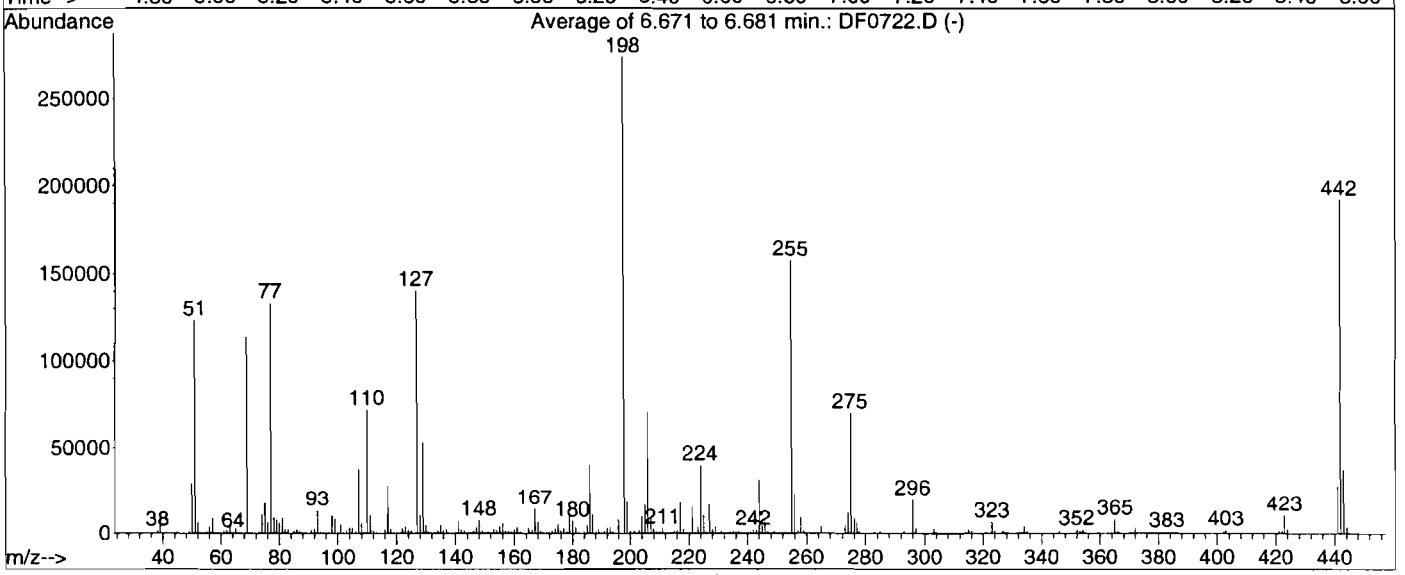
		Compound	120	100	80	60	40	20	Avg	%RSD
1)	I	1,4-DICHLOROBENZENE-D	ISTD							
2)		N-NITROSODIMETHYLAM	0.844	0.794	0.845	0.836	0.787	0.821		3.48
3)		PYRIDINE	1.376	1.360	1.342	1.399	1.338	1.363		1.84
4)		2-PICOLINE	1.595	1.514	1.520	1.535	1.405	1.514		4.55
5)		N-NITROSOMETHYLETHY	0.714	0.691	0.691	0.674	0.588	0.672		7.31
6)		METHYL METHANESULFO	0.743	0.721	0.684	0.755	0.695	0.719		4.23
7)	S	2-FLUOROPHENOL	1.176	1.172	1.188	1.201	1.136	1.175		2.07
8)		N-NITROSODIETHYLAMI	0.692	0.686	0.696	0.688	0.653	0.683		2.53
9)		ETHYL METHANESULFON	1.141	1.108	1.116	1.127	1.025	1.103		4.12
10)		PENTACHLOROETHANE	0.471	0.487	0.506	0.518	0.521	0.501		4.23
11)		ANILINE	1.823	1.914	1.909	1.930	1.698	1.855		5.22
12)		BIS (2-CHLOROETHYL)	1.529	1.578	1.664	1.753	1.790	1.663		6.69
13)	M	2-CHLOROPHENOL	1.396	1.408	1.430	1.432	1.360	1.405		2.10
14)	S	PHENOL-D5	1.536	1.561	1.581	1.608	1.674	1.592		3.31
15)	CM	PHENOL	1.827	1.856	1.893	1.942	1.871	1.878		2.28
16)		1,3-DICHLOROBENZENE	1.413	1.447	1.496	1.516	1.518	1.478		3.13
17)	CM	1,4-DICHLOROBENZENE	1.447	1.496	1.557	1.572	1.592	1.533		3.93
18)		1,2-DICHLOROBENZENE	1.347	1.406	1.464	1.487	1.485	1.438		4.21
19)		BENZYL ALCOHOL	1.070	1.086	1.065	1.026	0.844	1.018		9.83
20)		BIS(2-CHLOROISOPROP	3.090	3.266	3.400	3.499	3.553	3.361		5.56
21)		2-METHYLPHENOL	1.358	1.272	1.292	1.277	1.453	1.330		5.76
22)		ACETOPHENONE	1.962	1.924	1.944	1.951	2.015	1.959		1.73
23)		N-NITROSOPYRROLIDIN	0.812	0.794	0.790	0.795	0.719	0.782		4.61
24)		HEXACHLOROETHANE	0.548	0.583	0.604	0.601	0.611	0.589		4.35
25)		O-TOLUIDINE	1.826	1.987	2.053	2.183	2.173	2.045		7.20
26)	PM	N-NITROSODI-N-PROPY	1.102	1.178	1.176	1.199	1.176	1.166		3.18
27)	S	NITROBENZENE-D5	1.650	1.619	1.640	1.645	1.555	1.622		2.42
28)		NITROBENZENE	0.791	0.783	0.783	0.797	0.754	0.781		2.11
29)		3/4-METHYLPHENOL	2.033	2.121	2.177	2.263	2.213	2.161		4.09
30)	I	NAPHTHALENE-D8	ISTD							
31)		N-NITROSOPIPERIDINE	0.338	0.334	0.346	0.350	0.340	0.342		1.84
32)		ISOPHORONE	0.740	0.758	0.784	0.800	0.801	0.777		3.43
33)	C	2-NITROPHENOL	0.207	0.209	0.213	0.212	0.201	0.208		2.37
34)		2,4-DIMETHYLPHENOL	0.370	0.368	0.380	0.377	0.352	0.369		3.00
35)		BIS(2-CHLOROETHOXY)	0.438	0.445	0.460	0.464	0.444	0.450		2.45
36)	C	2,4-DICHLOROPHENOL	0.290	0.290	0.298	0.294	0.274	0.289		3.17
37)	M	1,2,4-TRICHLOROBENZ	0.305	0.311	0.326	0.329	0.329	0.320		3.49
38)		NAPHTHALENE	0.941	0.991	1.054	1.084	1.109	1.036		6.68
39)		HEXACHLOROPROPENE	0.203	0.208	0.217	0.218	0.211	0.211		3.10
40)		2,6-DICHLOROPHENOL	0.278	0.286	0.299	0.301	0.289	0.291		3.17
41)		4-CHLOROANILINE	0.353	0.368	0.380	0.407	0.375	0.377		5.31
42)	C	HEXACHLOROBUTADIENE	0.169	0.174	0.183	0.185	0.187	0.180		4.39
43)		N-NITROSO-DI-N-BUTY	0.273	0.276	0.279	0.281	0.278	0.278		1.08
44)		SAFROLE	0.267	0.276	0.287	0.291	0.290	0.283		3.69
45)		2-METHYLNAPHTHALENE	0.568	0.583	0.611	0.627	0.643	0.606		5.10
46)	CM	4-CHLORO-3-METHYLPH	0.335	0.332	0.334	0.337	0.322	0.332		1.82
47)	I	ACENAPHTHENE-D10	ISTD							
48)		1,2,4,5-TETRACHLORO	0.449	0.447	0.477	0.489	0.493	0.471		4.63
49)	P	HEXACHLOROCYCLOPENT	0.303	0.300	0.309	0.309	0.241	0.292		9.95
50)	C	2,4,6-TRICHLOROPHEN	0.328	0.323	0.331	0.334	0.321	0.327		1.63
51)		2,4,5-TRICHLOROPHEN	0.340	0.325	0.335	0.344	0.339	0.337		2.11
52)	S	2-FLUOROBIPHENYL	1.063	1.082	1.152	1.180	1.205	1.136		5.44
53)		2-CHLORONAPHTHALENE	1.018	1.029	1.079	1.095	1.094	1.063		3.47
54)		ISOSAFROLE	0.463	0.458	0.474	0.473	0.445	0.463		2.55
55)		2-NITROANILINE	0.430	0.399	0.403	0.410	0.376	0.403		4.86

(#) = Out of Range

DFTPP

Data File : C:\HPCHEM\1\DATA\072202\DF0722.D Vial: 1
Acq On : 22 Jul 2002 10:37 am Operator: GWB
Sample : Tune 0722 DFTPP 50ng Inst : HPSVOC
Misc : Multiplr: 1.00
MS Integration Params: EVENTST.E
Method : E:\METHODS\SV0812.M (Chemstation Integrator)
Title : SVTAB2





Spectrum Information: Average of 6.671 to 6.681 min.

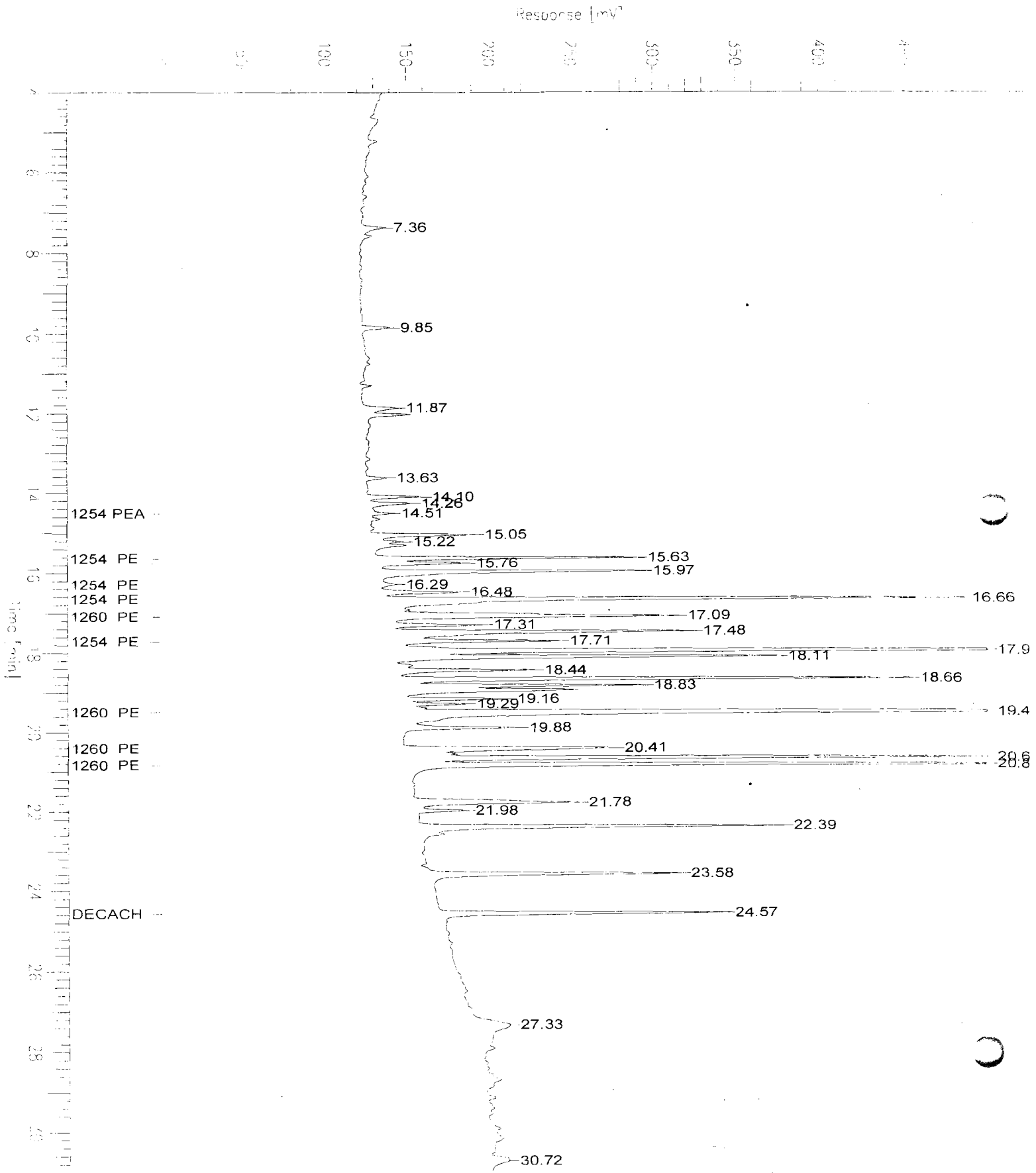
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	45.0	123157	PASS
68	69	0.00	2	0.2	270	PASS
69	69	100	100	100.0	113669	PASS
70	69	0.00	2	0.4	510	PASS
127	198	40	60	51.1	139885	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	273899	PASS
199	198	5	9	6.8	18595	PASS
275	198	10	30	25.5	69925	PASS
365	198	1	100	3.0	8255	PASS
441	443	0.01	100	74.4	28179	PASS
442	198	40	125	70.1	192021	PASS
443	442	17	23	19.7	37859	PASS

DF0722.D SV0812.M Thu Dec 12 09:52:14 2002 3000HANOVER

Chromatogram

Sample Name : 7-0406-9 10.29g/1ml 1:100
FileName : C:\TC4\DATA1\PCB3015G.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

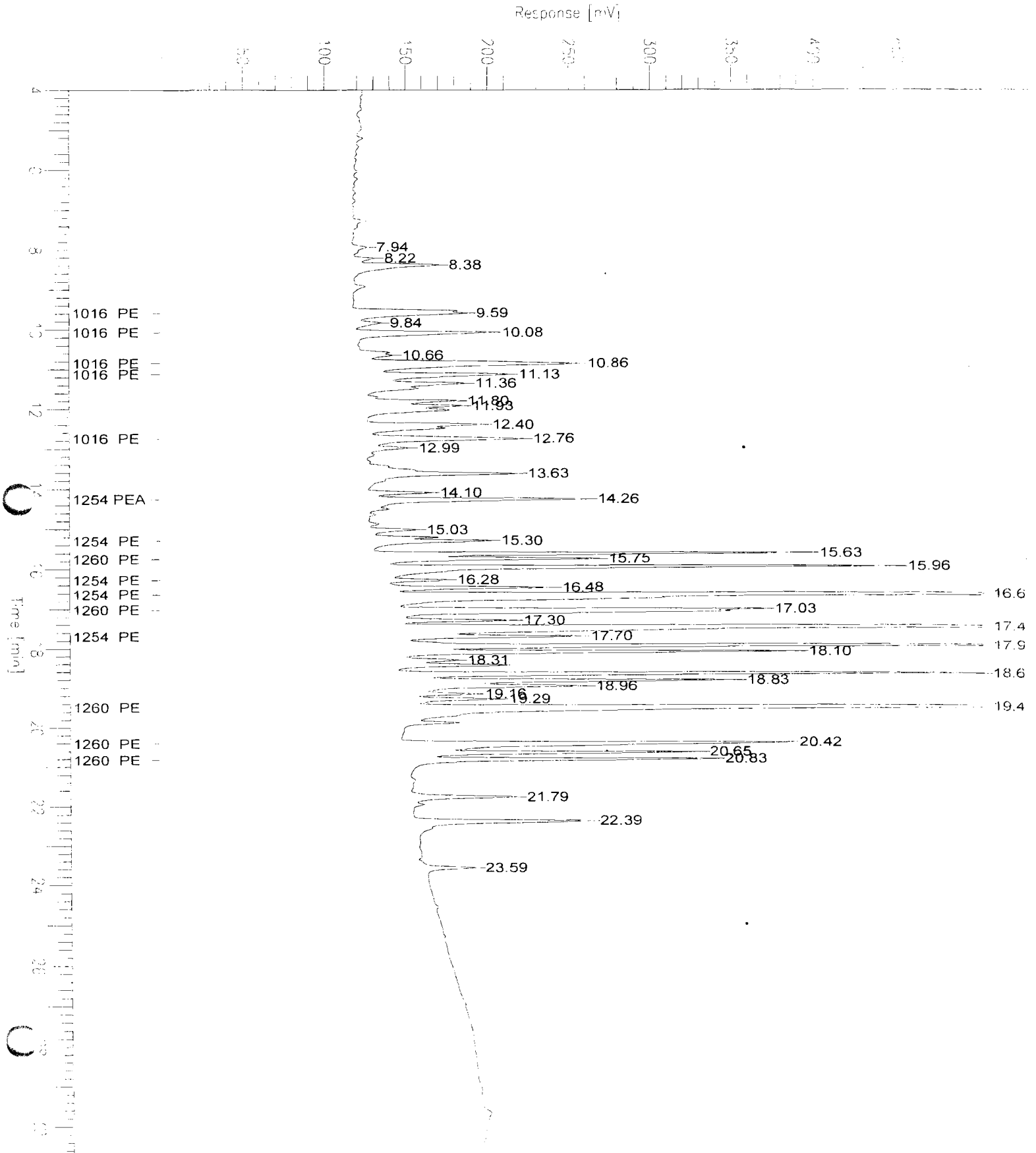
Sample #: 1
Date : 7/25/02 09:43 AM
Time of Injection: 7/25/02 09:12 AM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : CCA1 0.50 ppm 1016/1260
FileName : C:\TC4\DATA1\PCB3015F.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

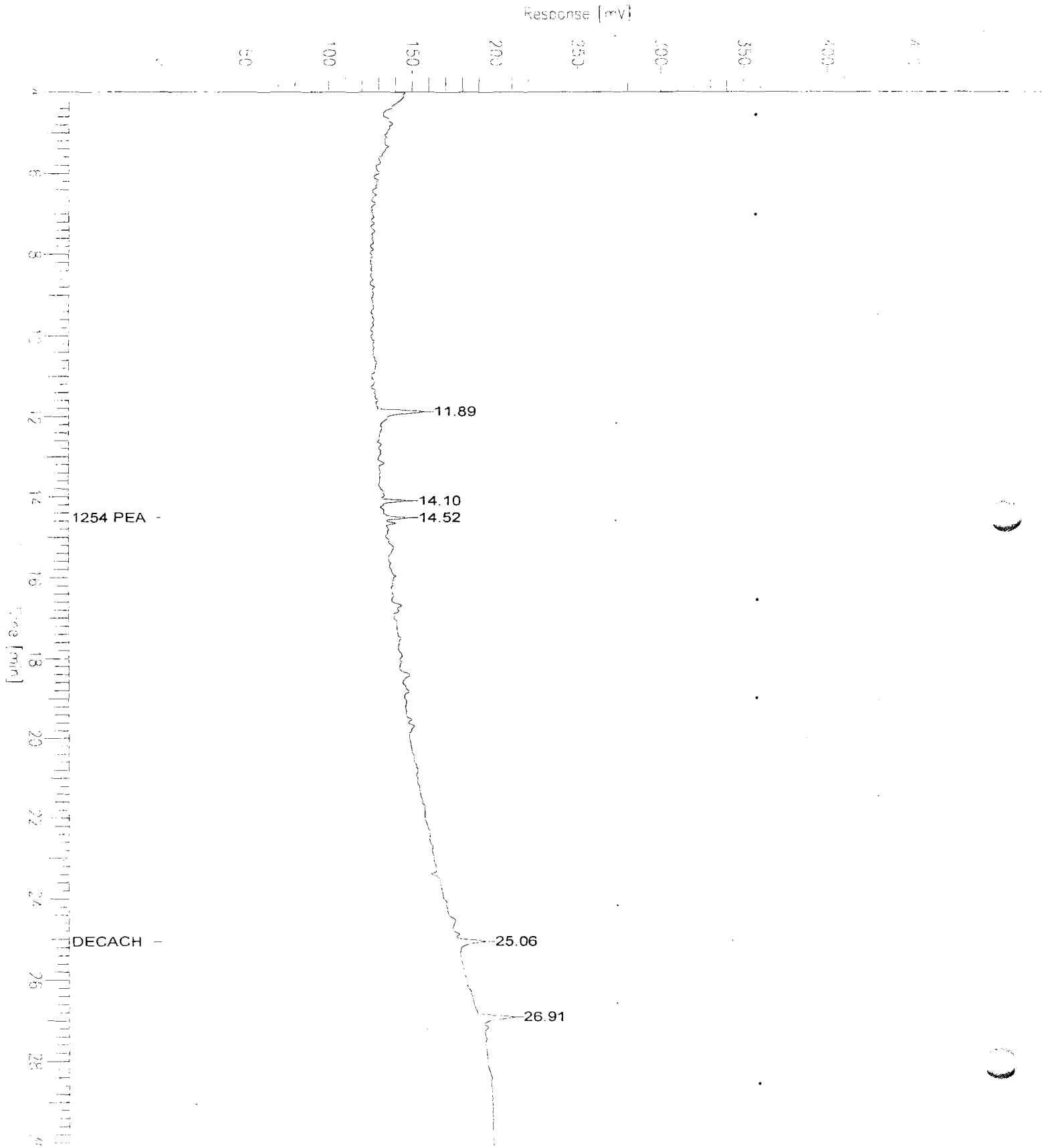
Sample #: 1 Page 1 of 1
Date : 7/25/02 09:06 AM
Time of Injection: 7/25/02 08:35 AM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : hexane
FileName : C:\TC4\DATA1\PCB3015D.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

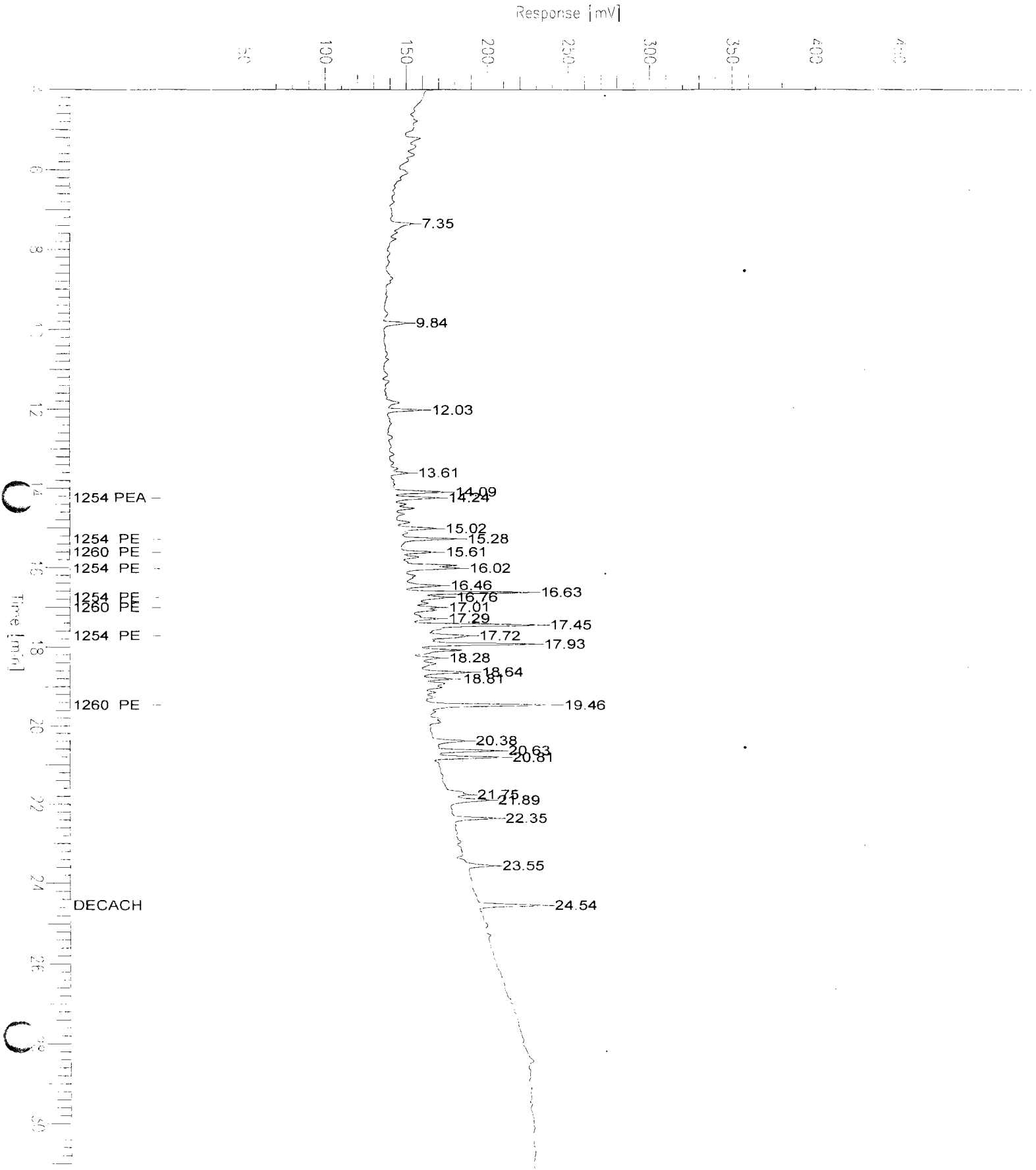
Sample #: 1 Page 1 of 1
Date : 7/25/02 07:52 AM
Time of Injection: 7/25/02 07:20 AM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : hexane
FileName : C:\TC4\DATA1\PCB3015C.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

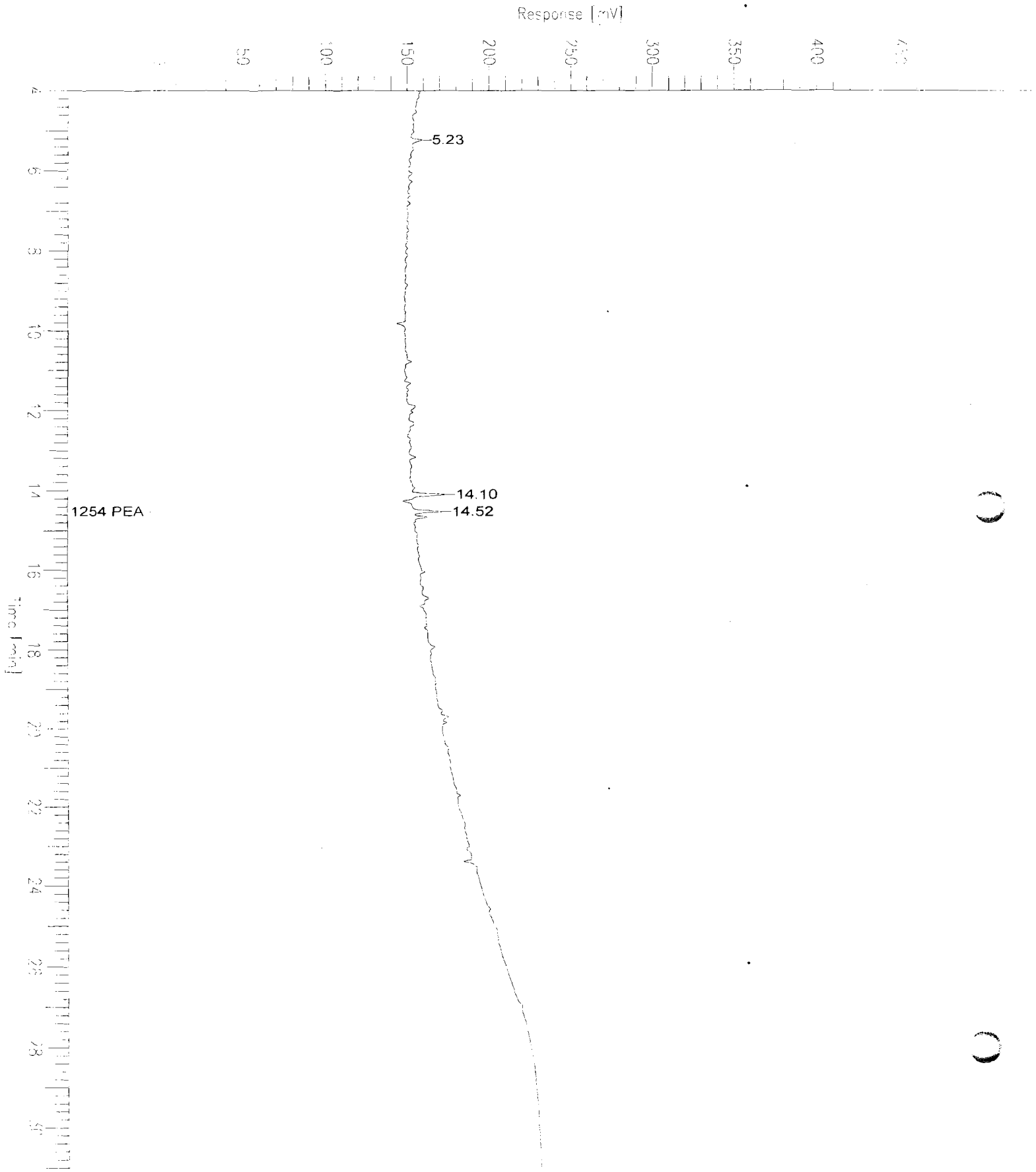
Sample #: 1
Date : 7/24/02 08:42 AM
Time of Injection: 7/24/02 08:11 AM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : hexane
FileName : C:\TC4\DATA1\PCB3015B.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

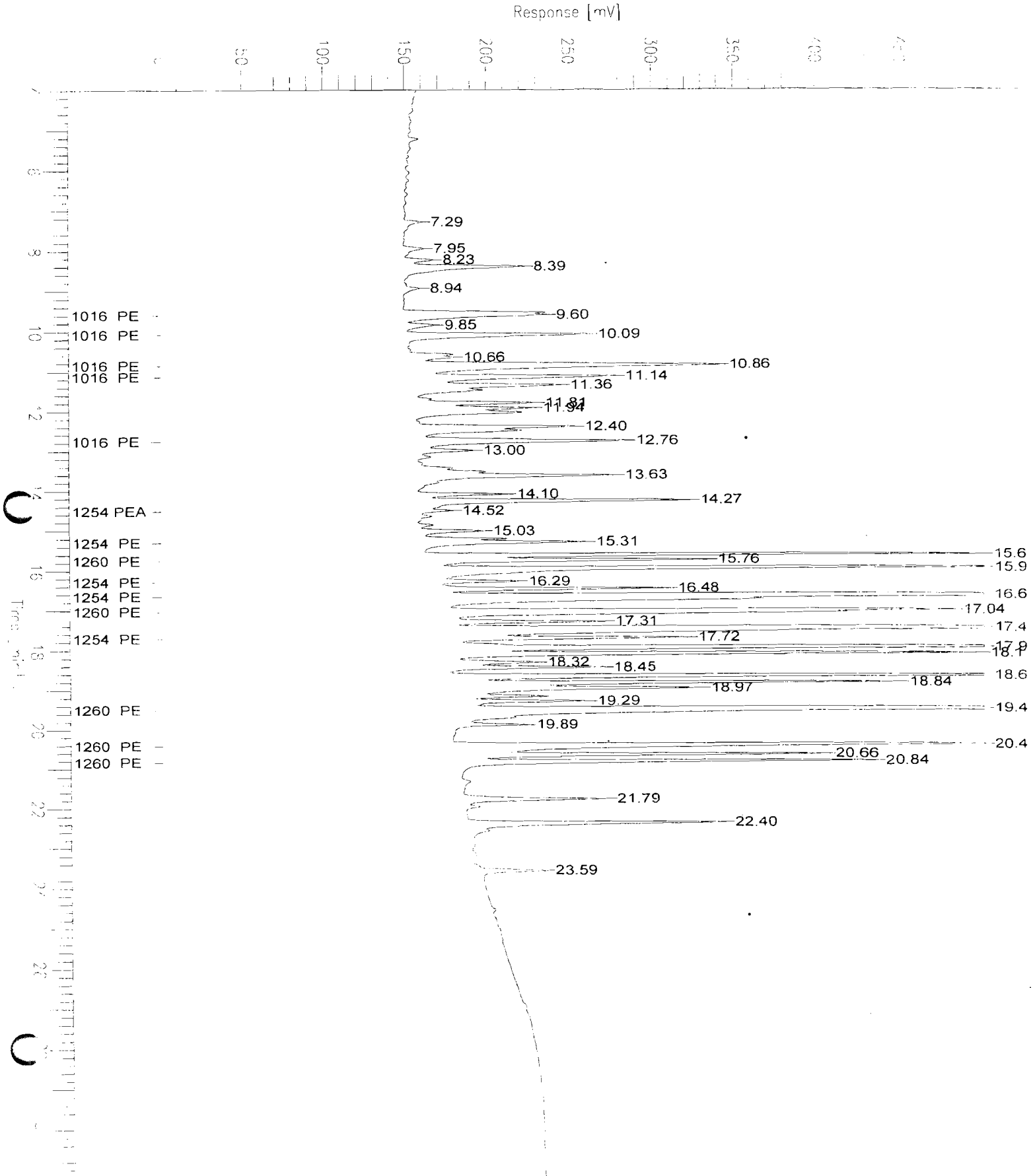
Sample #: 1 Page 1 of 1
Date : 7/24/02 08:05 AM
Time of Injection: 7/24/02 07:34 AM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



Chromatogram

Sample Name : CCAL
FileName : C:\TC4\DATA1\PCB3015.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

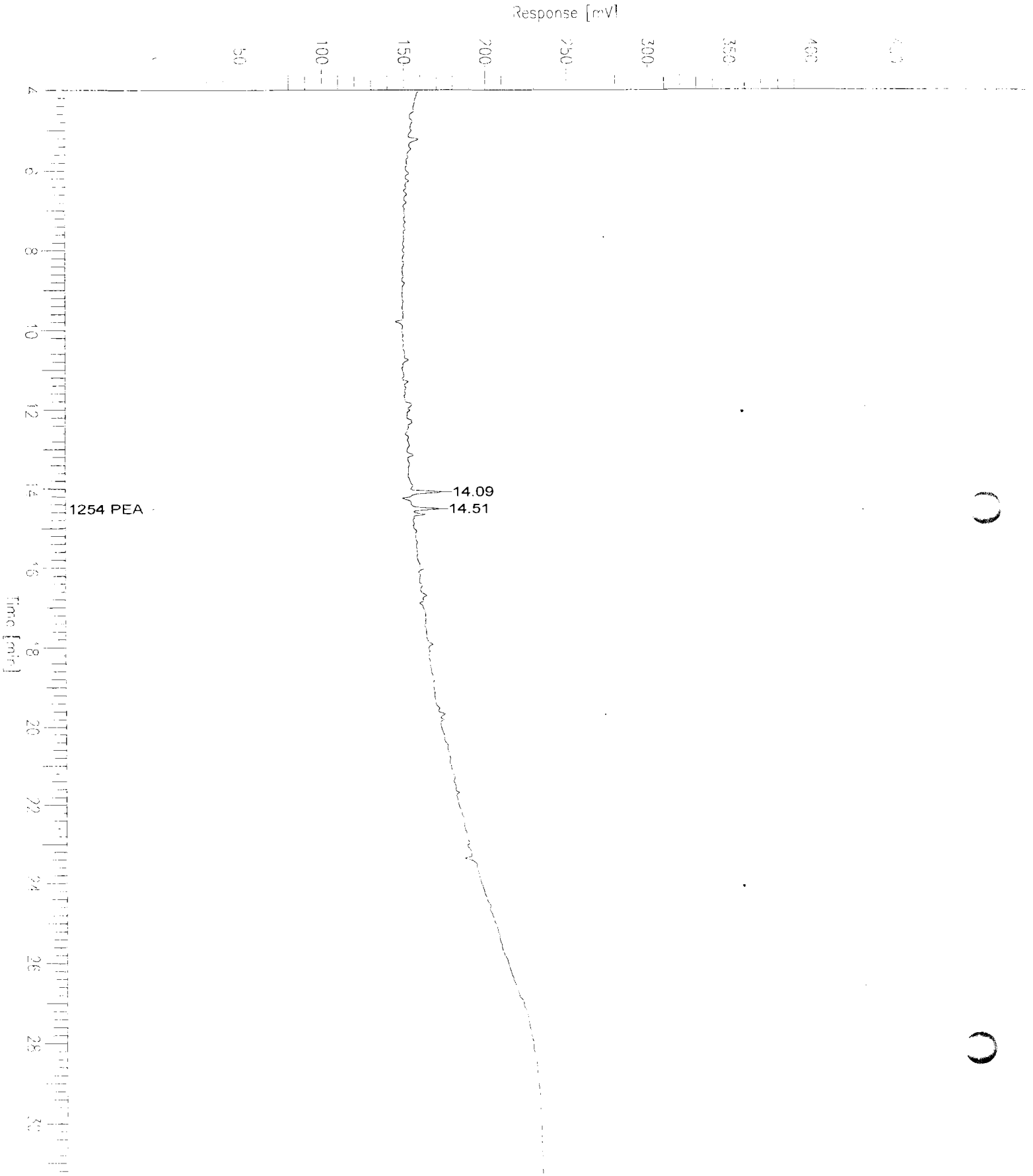
Sample #: 1
Date : 7/24/02 06:51 AM
Time of Injection: 7/24/02 06:19 AM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



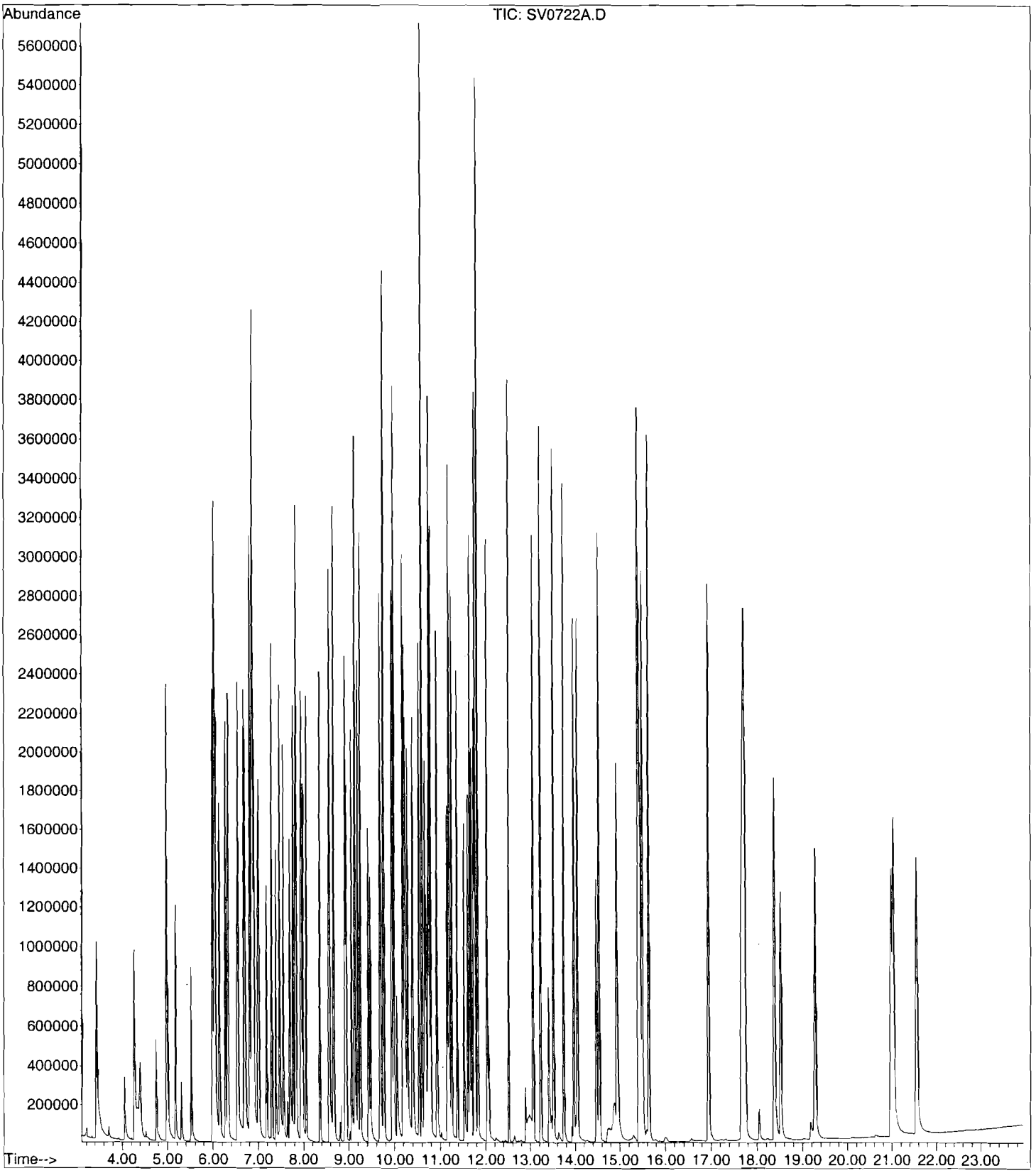
Chromatogram

Sample Name : hexane
FileName : C:\TC4\DATA1\PCB3014Z.raw
Method : pcb3new
Start Time : 4.00 min End Time : 31.29 min
Scale Factor: 0.0 Plot Offset: 0 mV

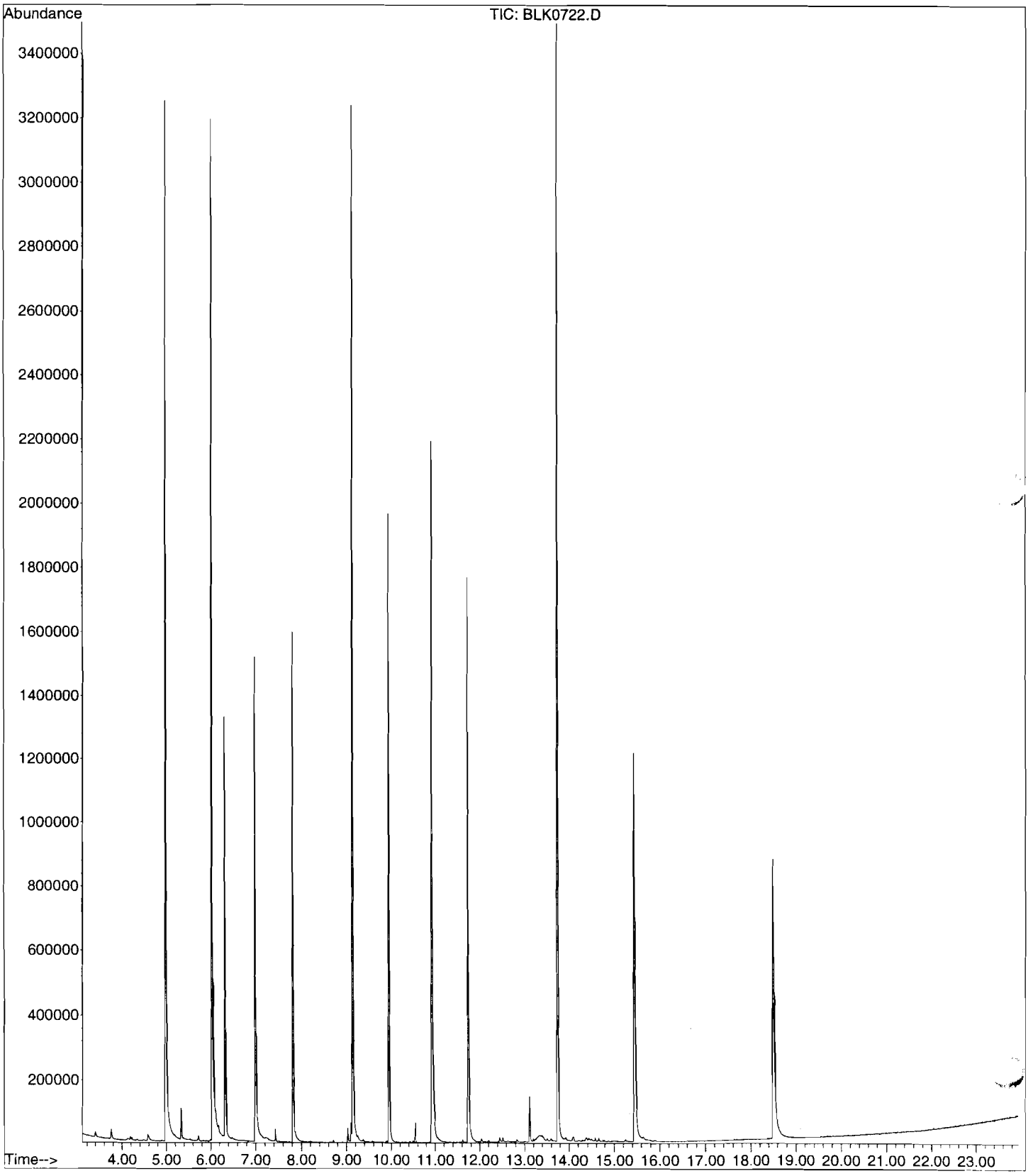
Sample #: 1 Page 1 of 1
Date : 7/24/02 06:14 AM
Time of Injection: 7/24/02 05:42 AM
Low Point : 0.00 mV High Point : 500.00 mV
Plot Scale: 500.0 mV



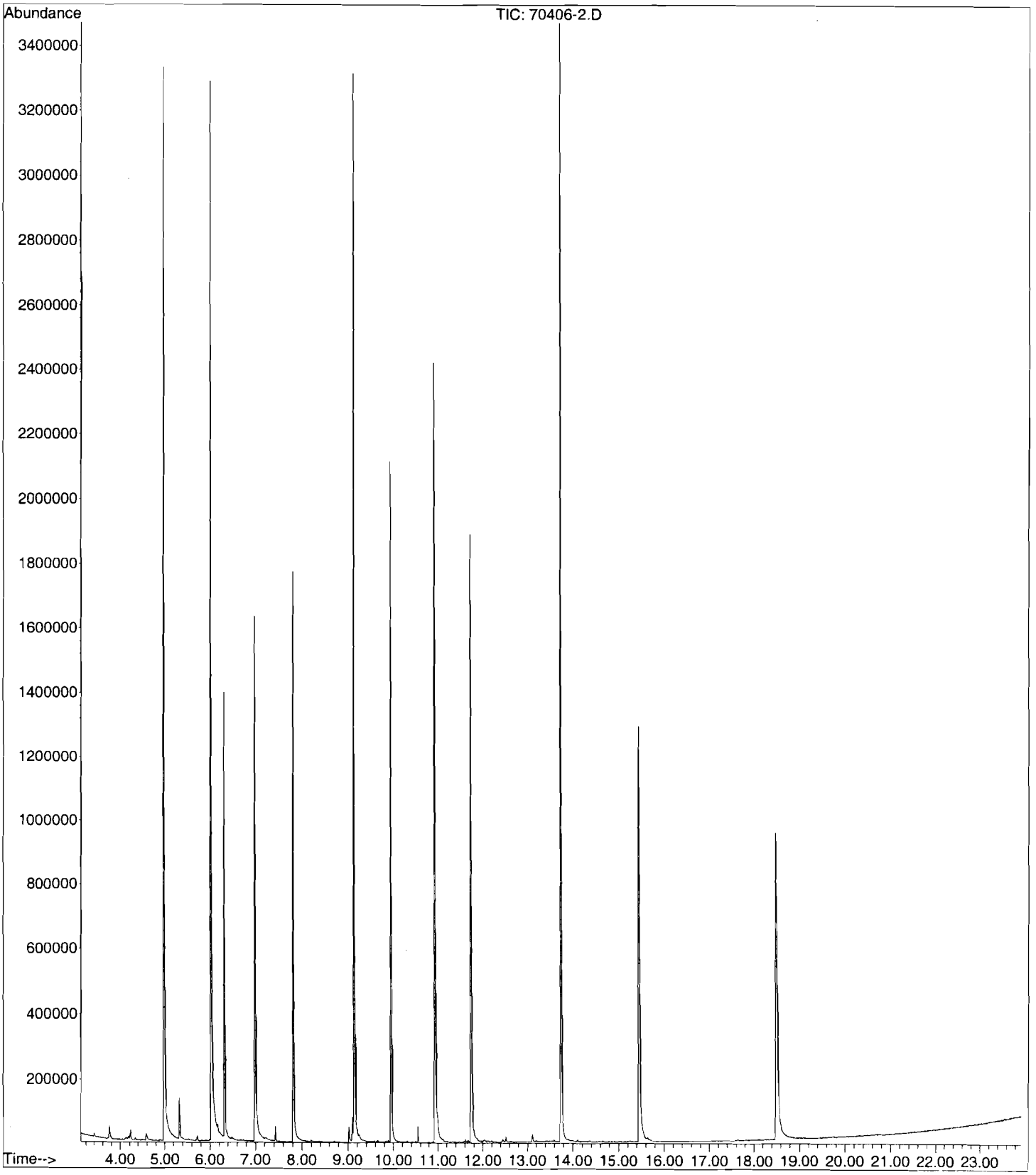
File : C:\HPCHEM\1\DATA\072202\SV0722A.D
Operator : GWB
Acquired : 22 Jul 2002 10:55 am using AcqMethod SVTAB2
Instrument : HPSVOC
Sample Name: CCal 8270 60ppm
Misc Info :
Vial Number: 2



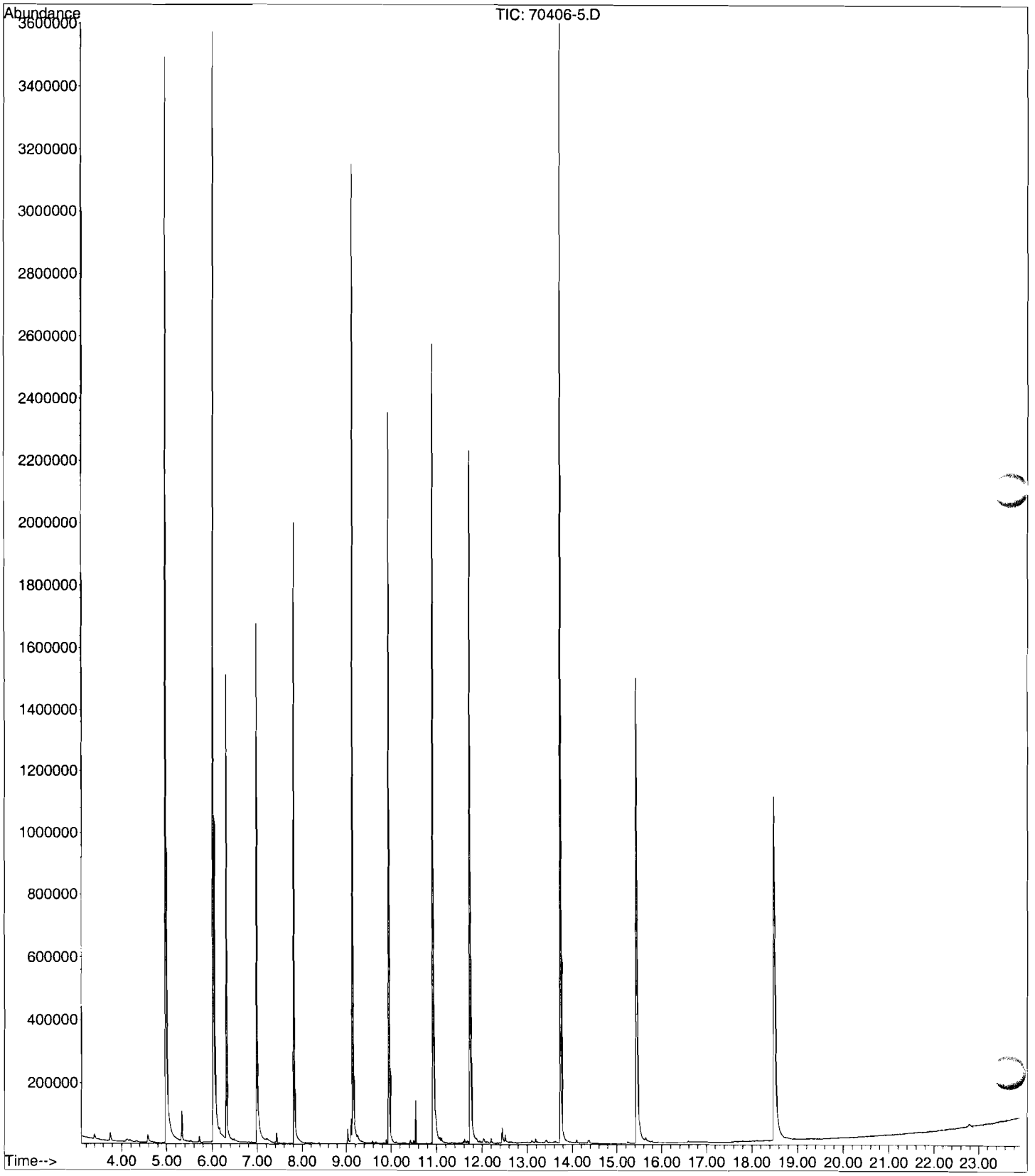
File : C:\HPCHEM\1\DATA\072202\BLK0722.D
Operator : GWB
Acquired : 22 Jul 2002 12:33 pm using AcqMethod SVTAB2
Instrument : HPSVOC
Sample Name: Blank 0718
Misc Info : 8270_S MBLK
Vial Number: 5



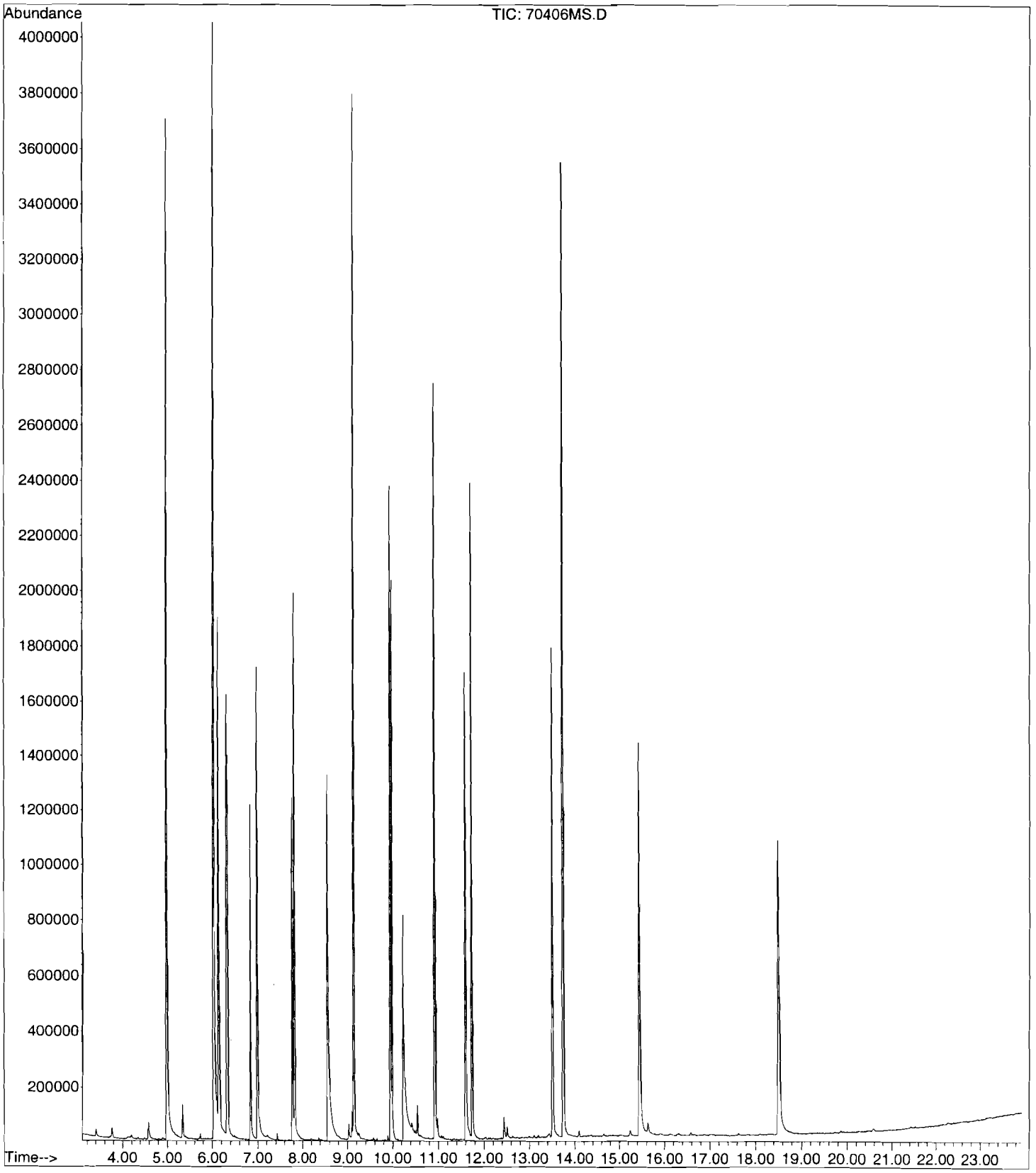
File : C:\HPCHEM\1\DATA\072202\70406-2.D
Operator : GWB
Acquired : 22 Jul 2002 1:06 pm using AcqMethod SVTAB2
Instrument : HPSVOC
Sample Name: M02070406-02A
Misc Info : 8270_S SAMP
Vial Number: 6



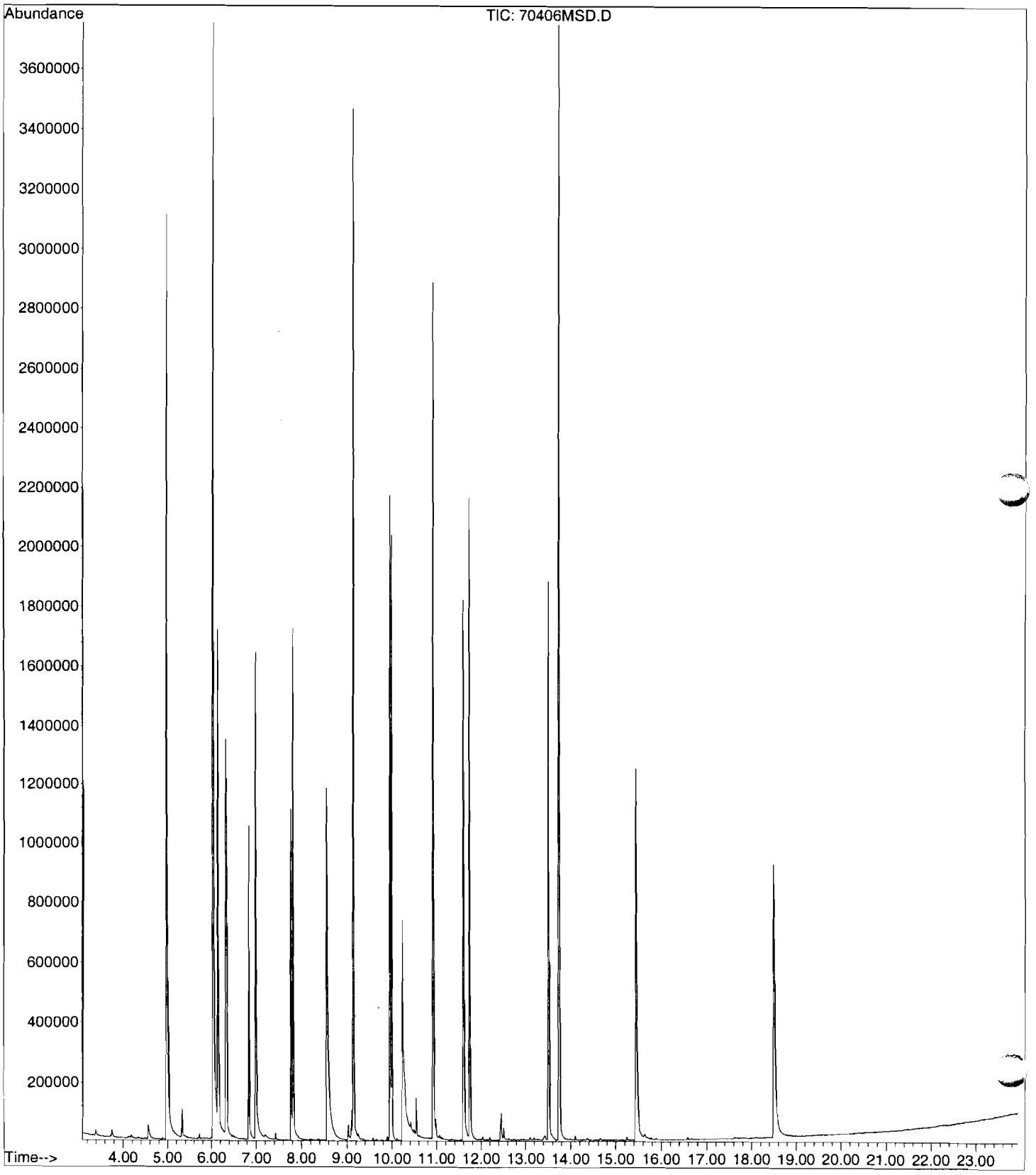
File : C:\HPCHEM\1\DATA\072202\70406-5.D
Operator : GWB
Acquired : 22 Jul 2002 1:39 pm using AcqMethod SVTAB2
Instrument : HPSVOC
Sample Name: M02070406-05A
Misc Info : 8270_S SAMP
Vial Number: 7



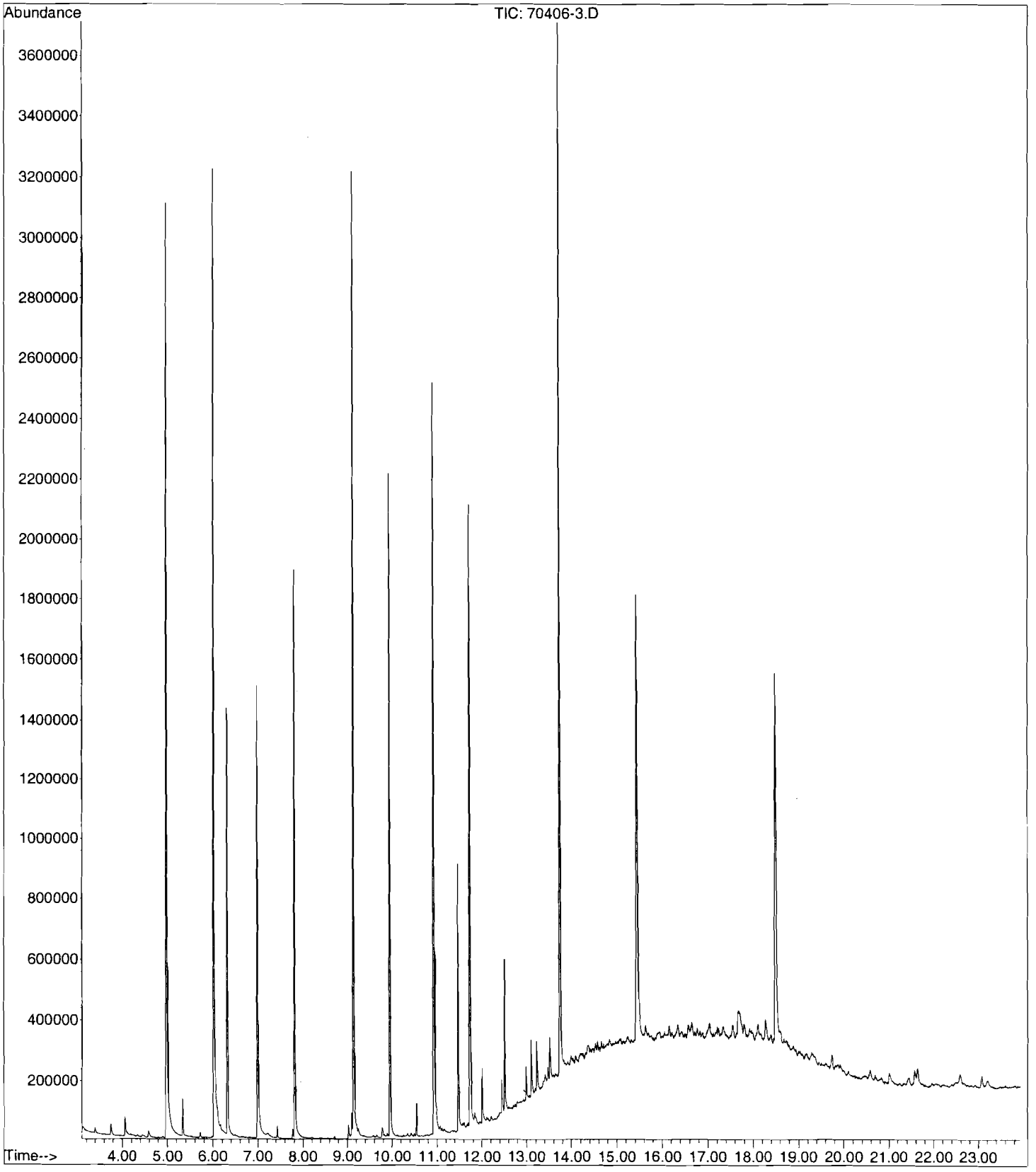
File : C:\HPCHEM\1\DATA\072202\70406MS.D
Operator : GWB
Acquired : 22 Jul 2002 2:11 pm using AcqMethod SVTAB2
Instrument : HPSVOC
Sample Name: M02070406-05AMS
Misc Info : 8270_S MS
Vial Number: 8



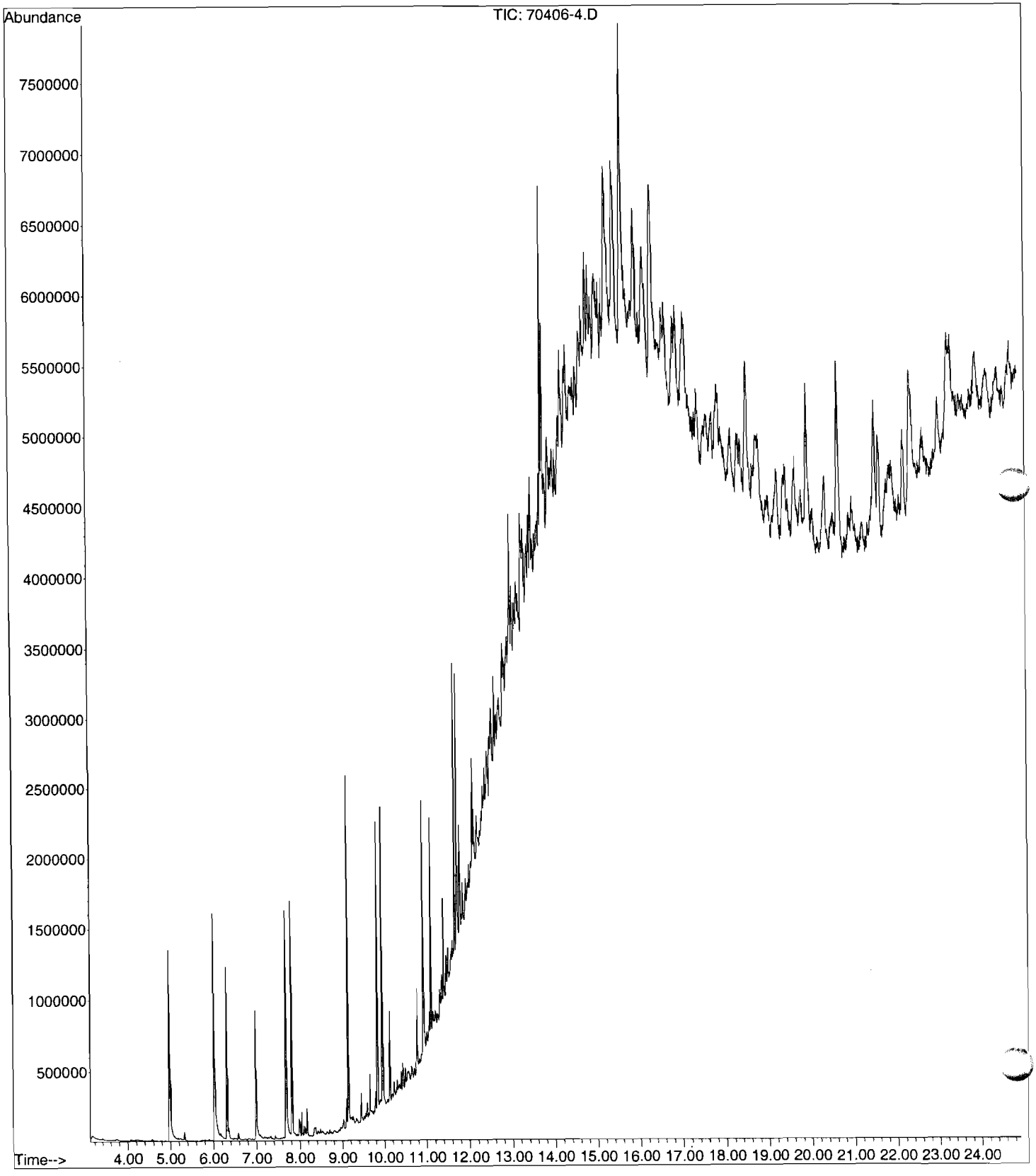
File : C:\HPCHEM\1\DATA\072202\70406MSD.D
Operator : GWB
Acquired : 22 Jul 2002 2:44 pm using AcqMethod SVTAB2
Instrument : HPSVOC
Sample Name: M02070406-05AMSD
Misc Info : 8270_S MSD
Vial Number: 9



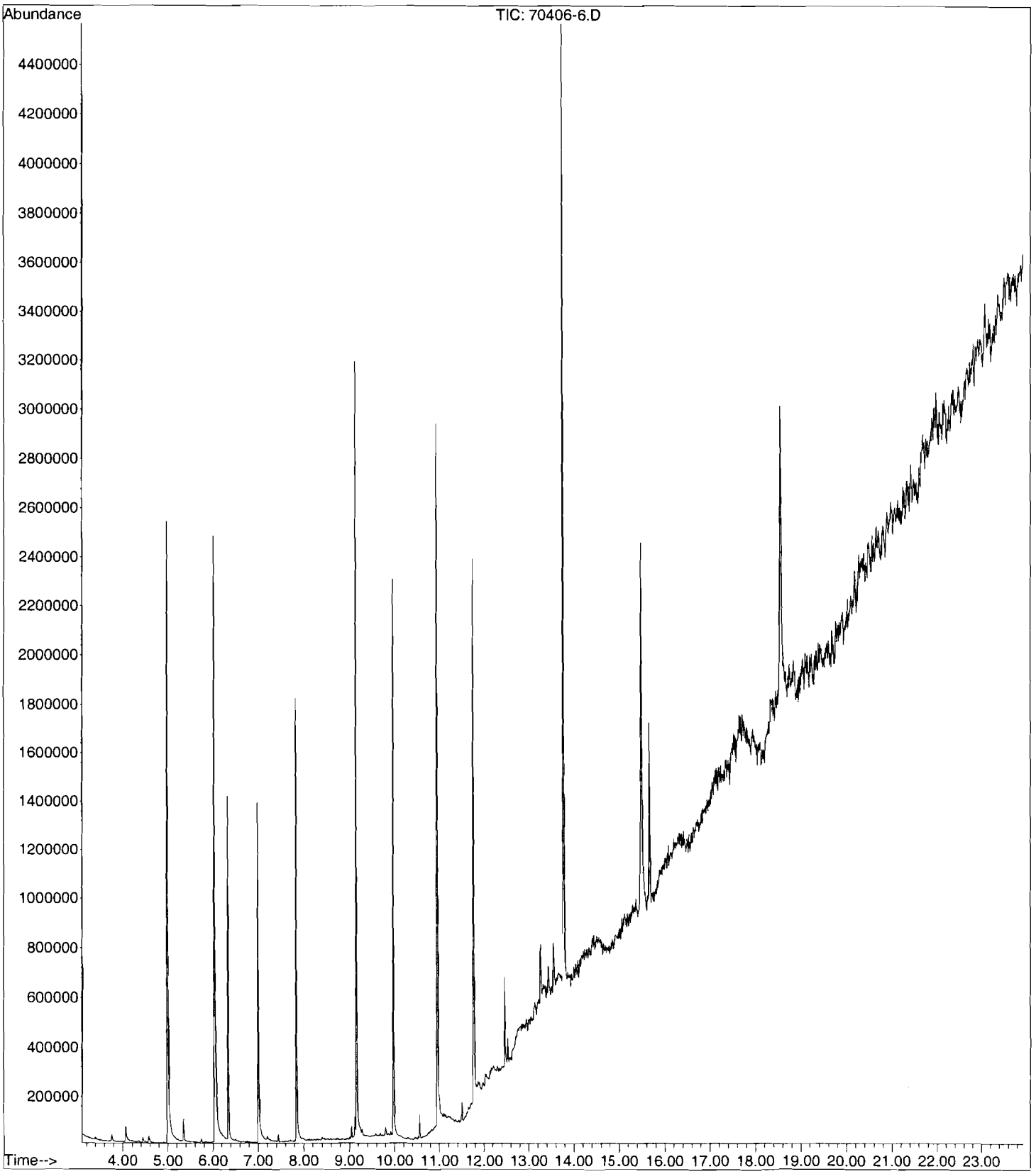
File : C:\HPCHEM\1\DATA\072202\70406-3.D
Operator : GWB
Acquired : 22 Jul 2002 3:16 pm using AcqMethod SVTAB2
Instrument : HPSVOC
Sample Name: M02070406-03A
Misc Info : 8270_S SAMP
Vial Number: 10



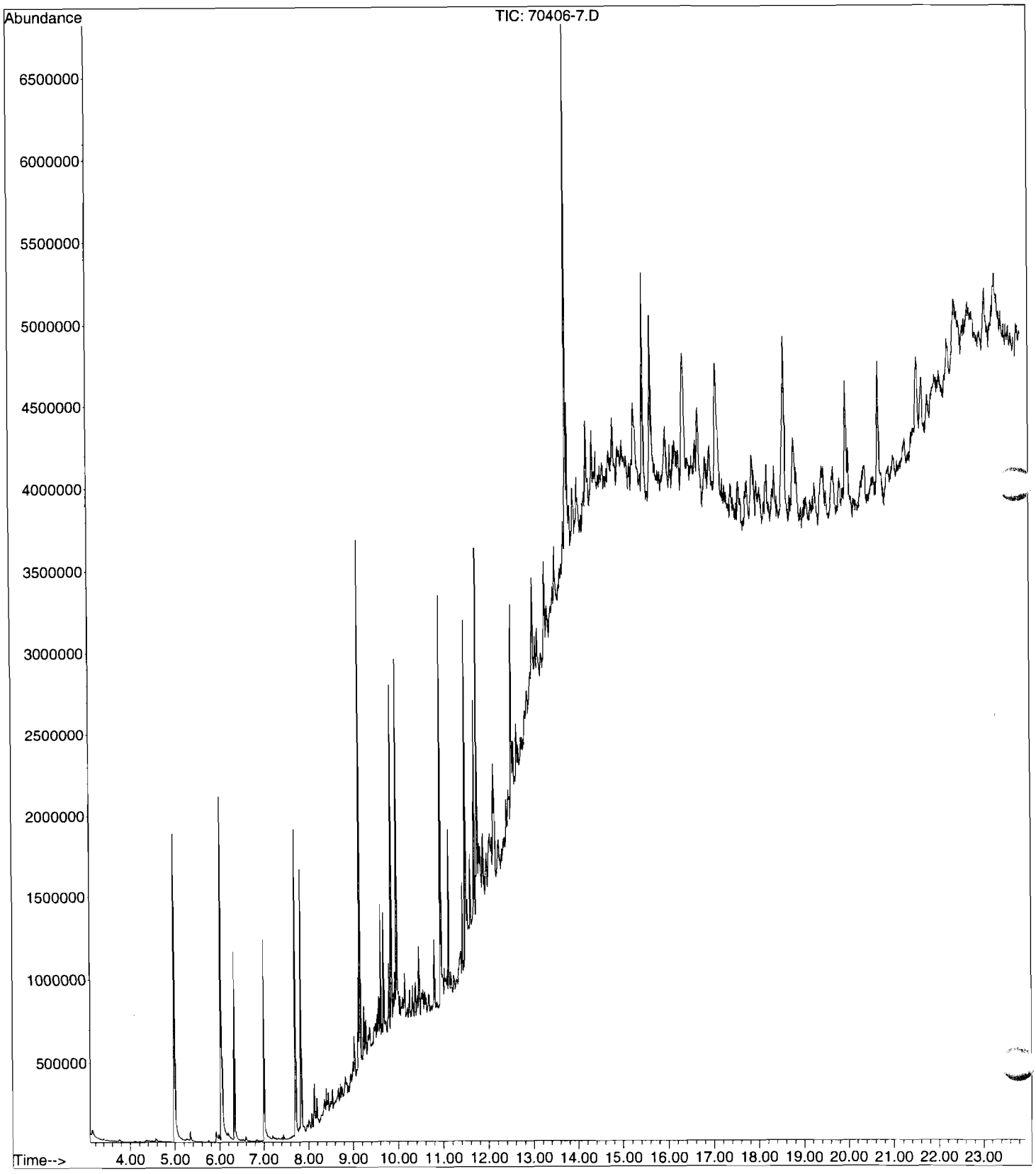
File : C:\HPCHEM\1\DATA\072202\70406-4.D
Operator : GWB
Acquired : 22 Jul 2002 3:49 pm using AcqMethod SVTAB2
Instrument : HPSVOC
Sample Name: M02070406-04A
Misc Info : 8270_S SAMP
Vial Number: 11



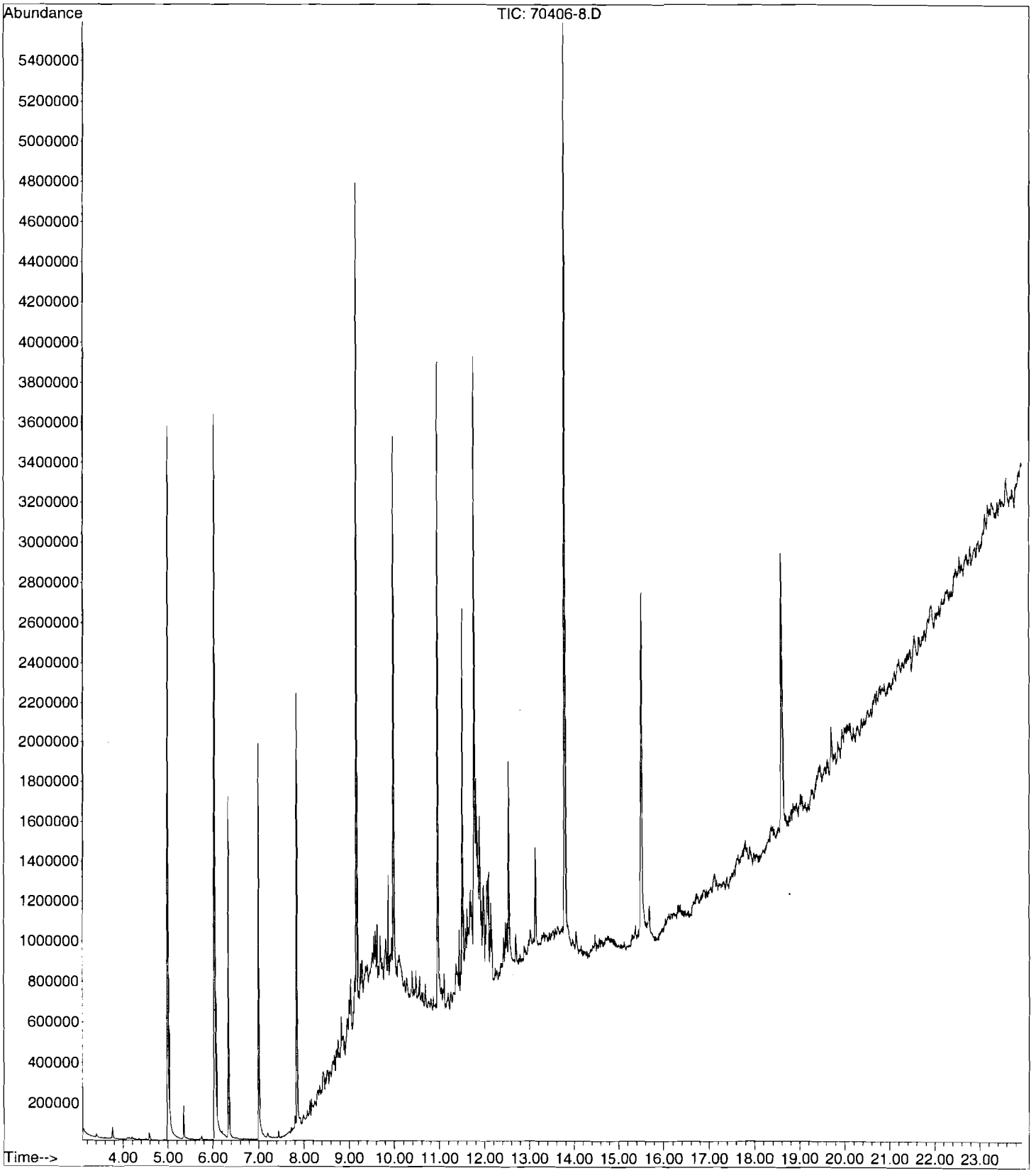
File : C:\HPCHEM\1\DATA\072202\70406-6.D
Operator : GWB
Acquired : 22 Jul 2002 4:23 pm using AcqMethod SVTAB2
Instrument : HPSVOC
Sample Name: M02070406-06A
Misc Info : 8270_S SAMP
Vial Number: 12



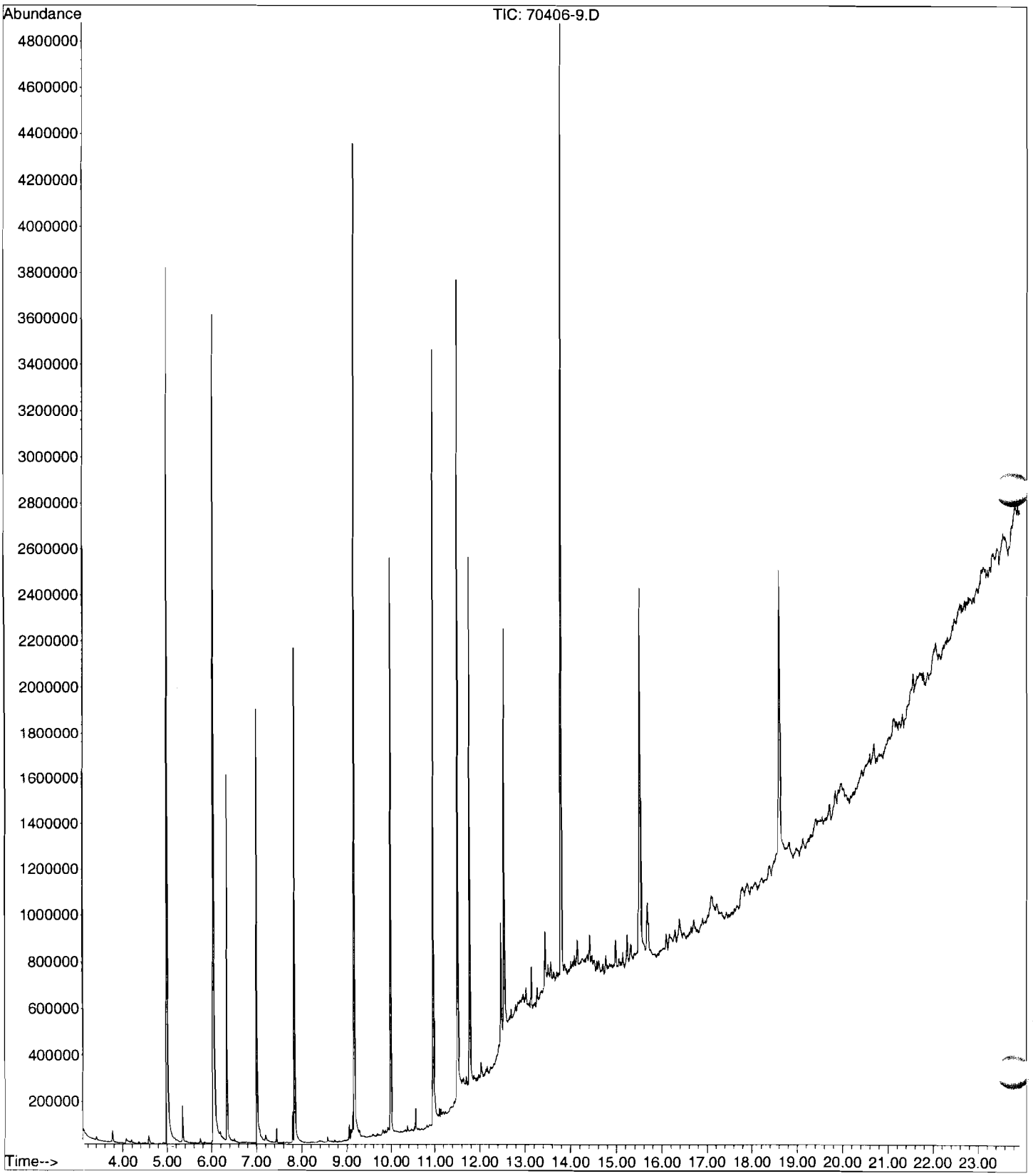
File : C:\HPCHEM\1\DATA\072202\70406-7.D
Operator : GWB
Acquired : 22 Jul 2002 4:55 pm using AcqMethod SVTAB2
Instrument : HPSVOC
Sample Name: M02070406-07A
Misc Info : 8270_S SAMP
Vial Number: 13



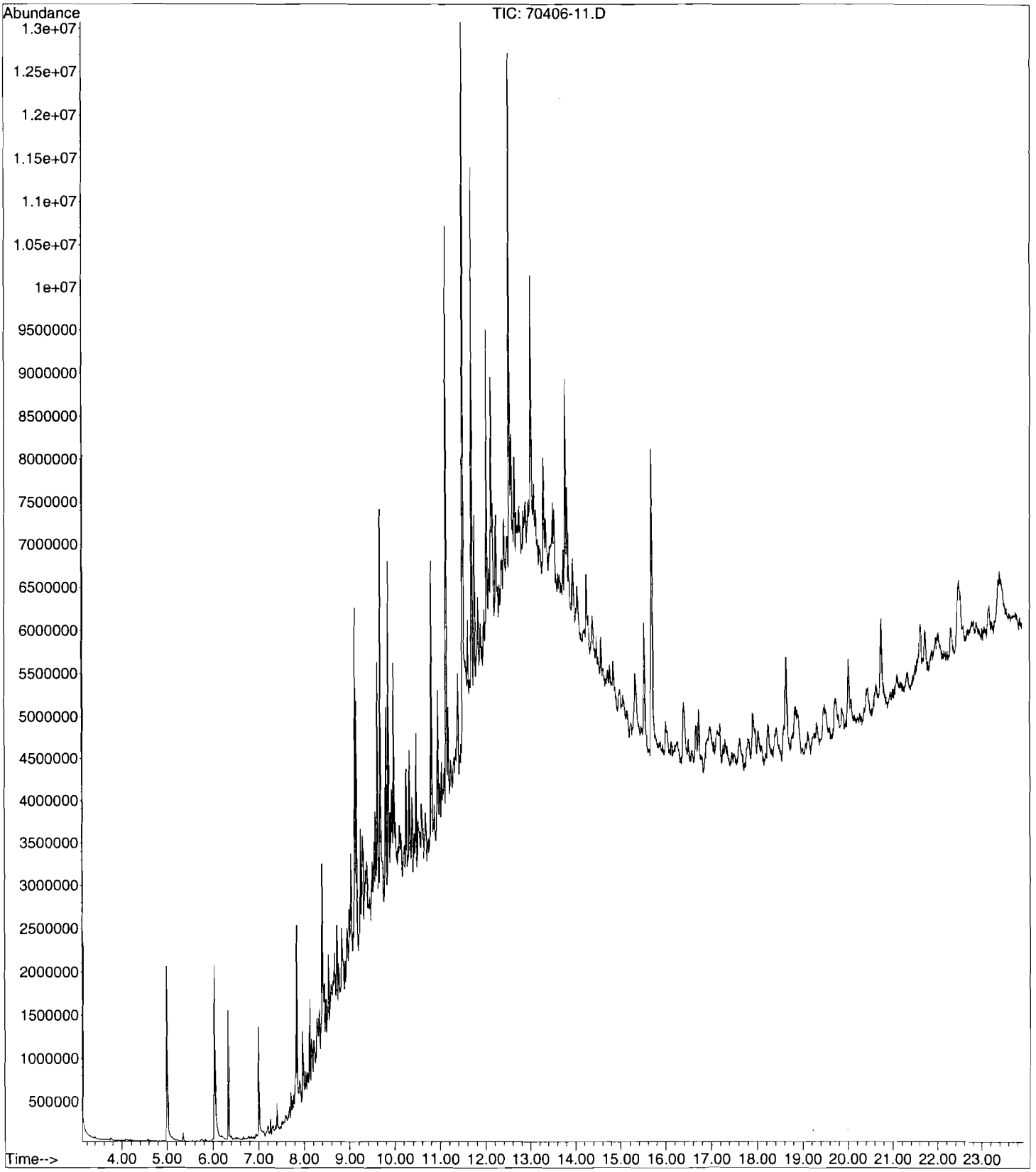
File : C:\HPCHEM\1\DATA\072202\70406-8.D
Operator : GWB
Acquired : 22 Jul 2002 5:28 pm using AcqMethod SVTAB2
Instrument : HPSVOC
Sample Name: M02070406-08A
Misc Info : 8270_S SAMP
Vial Number: 14



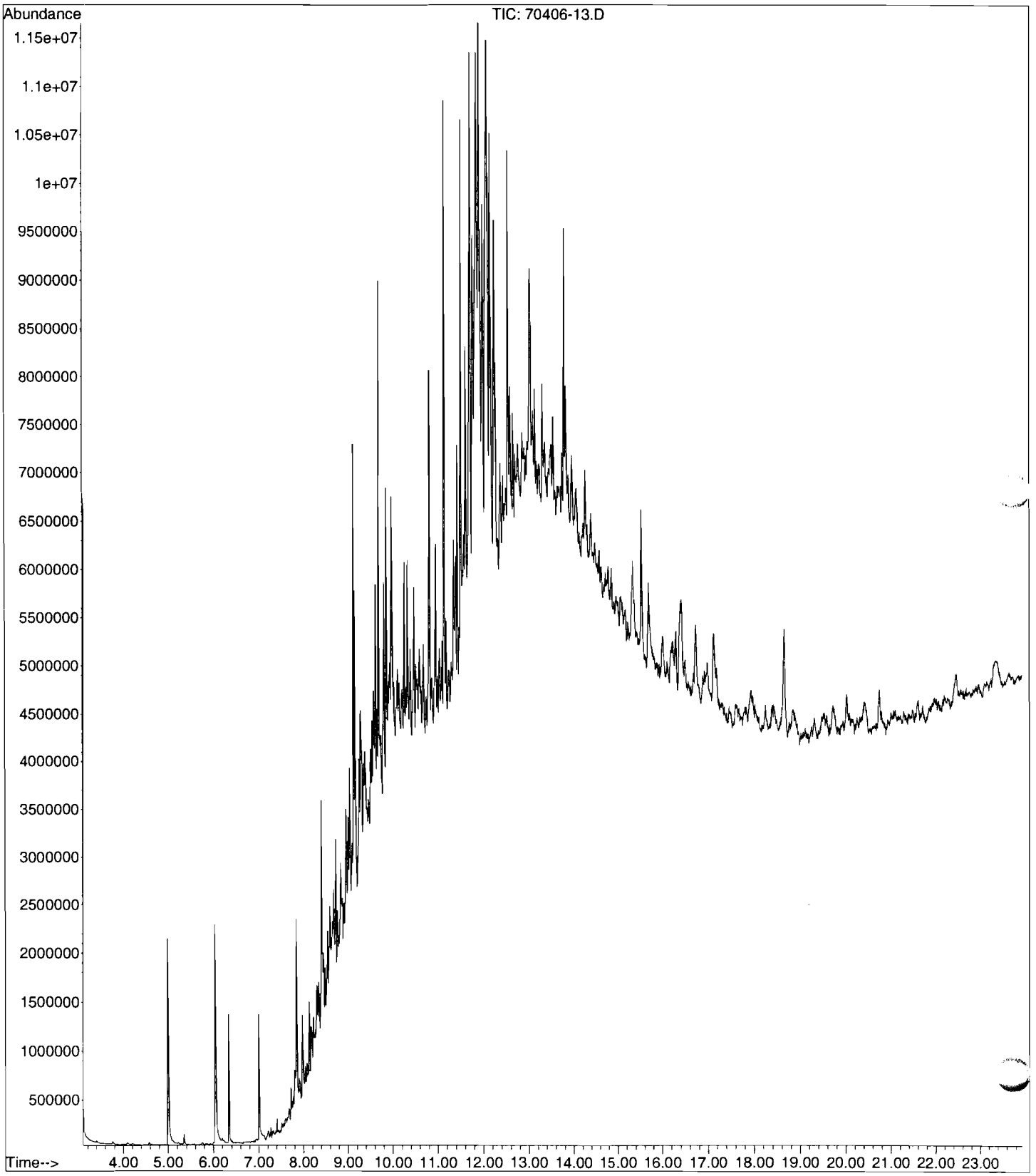
File : C:\HPCHEM\1\DATA\072202\70406-9.D
Operator : GWB
Acquired : 22 Jul 2002 6:00 pm using AcqMethod SVTAB2
Instrument : HPSVOC
Sample Name: M02070406-09A
Misc Info : 8270_S SAMP
Vial Number: 15



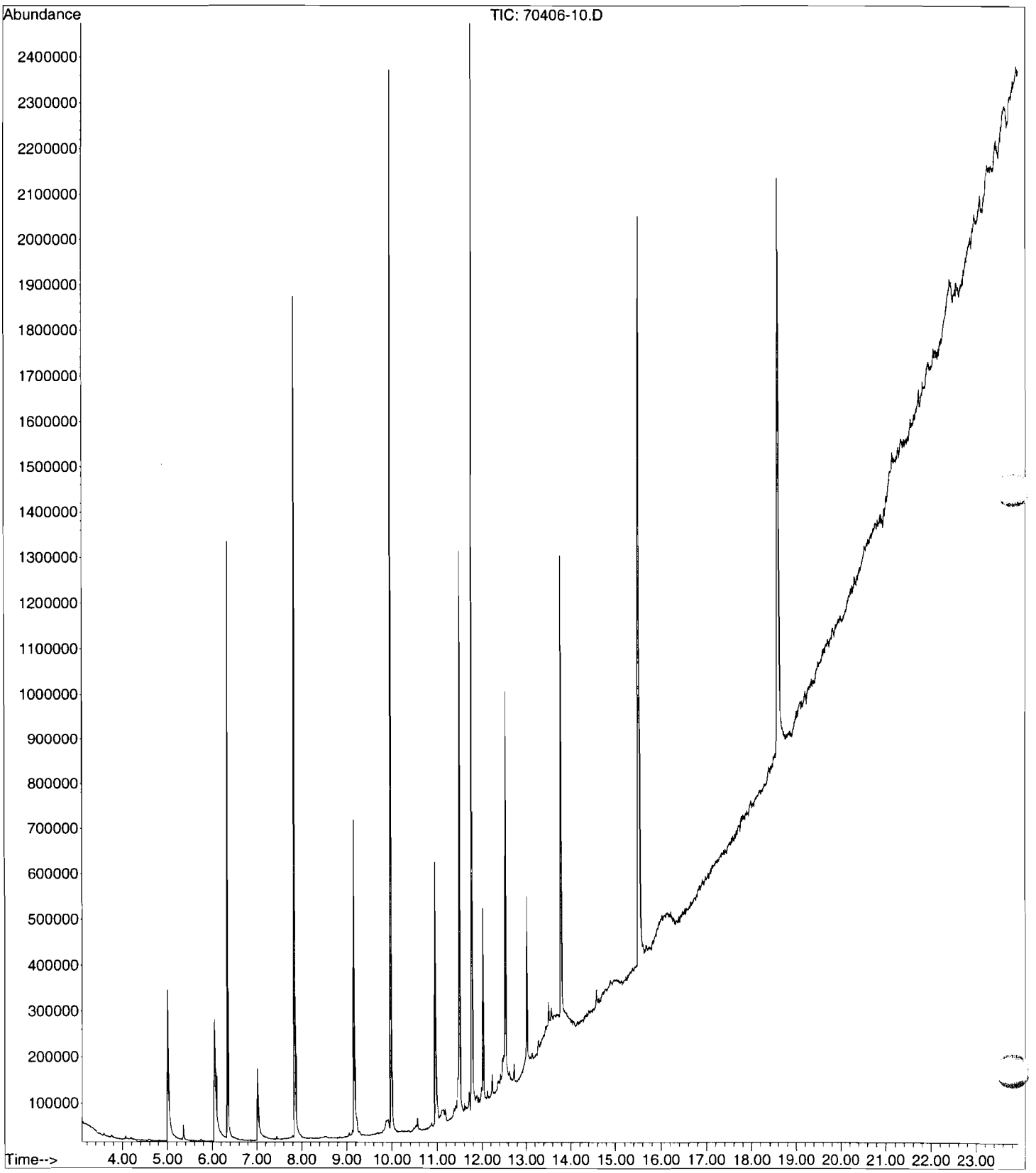
File : C:\HPCHEM\1\DATA\072202\70406-11.D
Operator : GWB
Acquired : 22 Jul 2002 6:33 pm using AcqMethod SVTAB2
Instrument : HPSVOC
Sample Name: M02070406-11A
Misc Info : 8270_S SAMP
Vial Number: 16



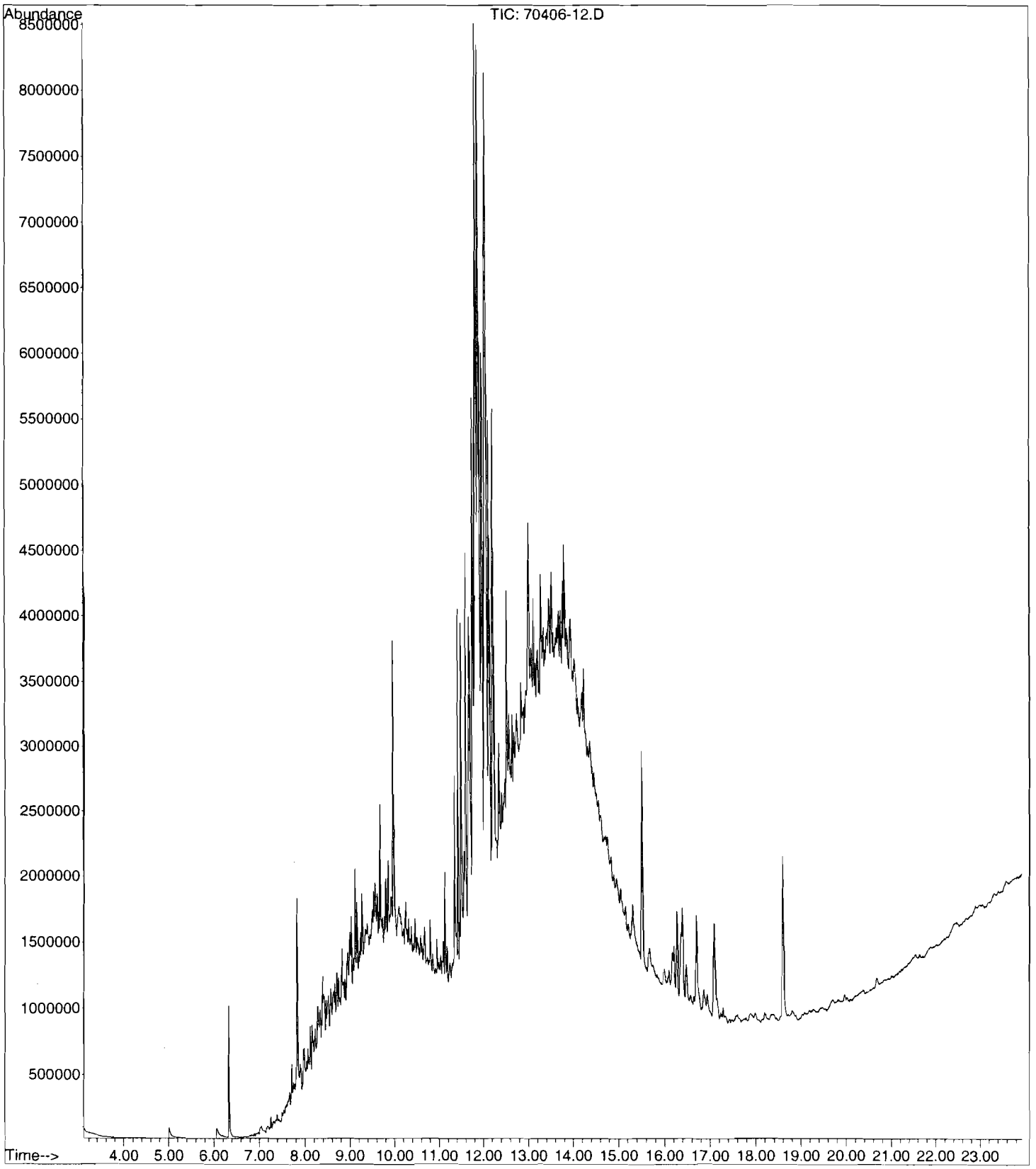
File : C:\HPCHEM\1\DATA\072202\70406-13.D
Operator : GWB
Acquired : 22 Jul 2002 7:06 pm using AcqMethod SVTAB2
Instrument : HPSVOC
Sample Name: M02070406-13A
Misc Info : 8270_S SAMP
Vial Number: 17



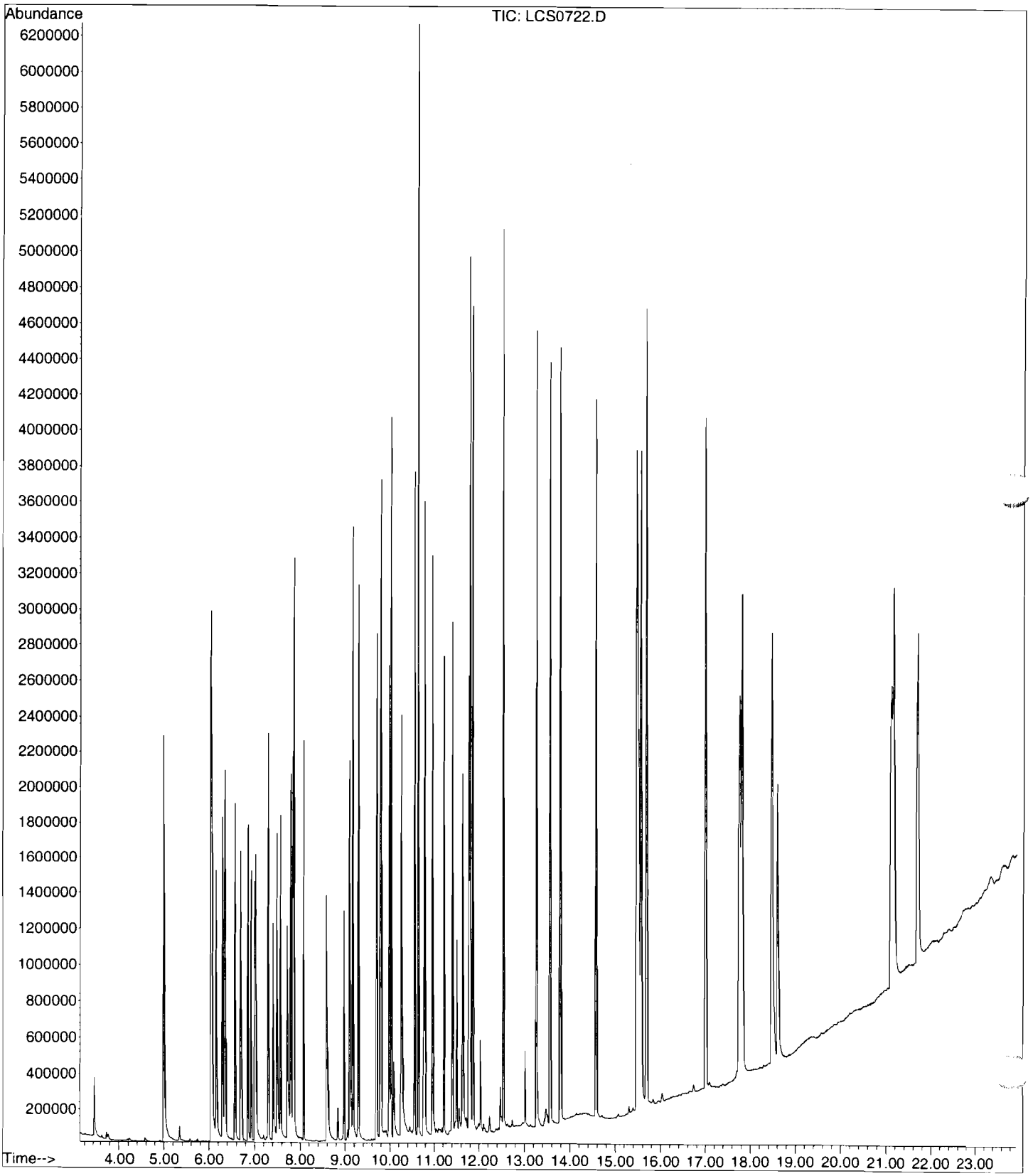
File : C:\HPCHEM\1\DATA\072202\70406-10.D
Operator : GWB
Acquired : 22 Jul 2002 8:10 pm using AcqMethod SVTAB2
Instrument : HPSVOC
Sample Name: M02070406-10A
Misc Info : 8270_S SAMP
Vial Number: 19



File : C:\HPCHEM\1\DATA\072202\70406-12.D
Operator : GWB
Acquired : 22 Jul 2002 8:43 pm using AcqMethod SVTAB2
Instrument : HPSVOC
Sample Name: M02070406-12A
Misc Info : 8270_S SAMP
Vial Number: 20



File : C:\HPCHEM\1\DATA\072202\LCS0722.D
Operator : GWB
Acquired : 22 Jul 2002 9:16 pm using AcqMethod SVTAB2
Instrument : HPSVOC
Sample Name: LCS 0718
Misc Info : 8270_S LCS
Vial Number: 21



Analysis Begun

Start Time: 7/15/02 2:50:24 PM
Logged In Analyst: optima
Spectrometer Model: Optima 4300 DV

Plasma On Time: 7/15/02 10:49:44 AM
Technique: ICP Continuous
Autosampler Model: AS-90

Sample Information File: D:\pe\Administrator\Sample Information\run1.sif
Results Data Set: 020715a
Results Library: D:\pe\Administrator\Results\Results.mdb

Method Loaded
Method Name: all metals non int. std.
IEC File:
Method Description: reg6

Method Last Saved: 6/27/02 10:48:33 AM
MSF File:

Sequence No.: 1
Sample ID: Calib Blank 1
Analyst:
Nebulizer Back Pressure: 342.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/15/02 2:50:25 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: Calib Blank 1

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc.	Calib. Units	Analysis Time
1	Ag 328.068	-225.6	-225.6	[0.00]	mg/L	14:52:10
1	Ag 338.289	-67.4	-67.4	[0.00]	mg/L	14:52:10
1	Al 308.215	33208.0	33208.0	[0.00]	mg/L	14:52:05
1	Al 396.153	82.6	82.6	[0.00]	mg/L	14:52:05
1	As 188.979	1.3	1.3	[0.00]	mg/L	14:52:10
1	As 193.696	-19.3	-19.3	[0.00]	mg/L	14:52:10
1	B 182.528	3.0	3.0	[0.00]	mg/L	14:52:10
1	B 249.677	70.8	70.8	[0.00]	mg/L	14:52:10
1	Ba 233.527	-62.8	-62.8	[0.00]	mg/L	14:52:10
1	Be 313.107	139979.9	139979.9	[0.00]	mg/L	14:52:05
1	Be 234.861	-333.2	-333.2	[0.00]	mg/L	14:52:10
1	Ca 317.933	-68.6	-68.6	[0.00]	mg/L	14:52:05
1	Cd 228.802	3.5	3.5	[0.00]	mg/L	14:52:10
1	Cd 214.440	236.1	236.1	[0.00]	mg/L	14:52:10
1	Co 228.616	-110.5	-110.5	[0.00]	mg/L	14:52:10
1	Cr 205.560	-40.4	-40.4	[0.00]	mg/L	14:52:10
1	Cr 267.716	138.3	138.3	[0.00]	mg/L	14:52:10
1	Cu 327.393	-12445.4	-12445.4	[0.00]	mg/L	14:52:05
1	Cu 324.752	13928.8	13928.8	[0.00]	mg/L	14:52:05
1	Fe 273.955	-22.7	-22.7	[0.00]	mg/L	14:52:10
1	Fe 259.939	30.0	30.0	[0.00]	mg/L	14:52:10
1	Fe 238.204	137.6	137.6	[0.00]	mg/L	14:52:10
1	K 766.490	469.3	469.3	[0.00]	mg/L	14:52:05
1	K 404.721	-13677.0	-13677.0	[0.00]	mg/L	14:52:05
1	Li 670.784	-503.3	-503.3	[0.00]	mg/L	14:52:05
1	Mg 285.213	716.5	716.5	[0.00]	mg/L	14:52:05
1	Mn 257.610	-51.9	-51.9	[0.00]	mg/L	14:52:10
1	Mo 202.031	-0.6	-0.6	[0.00]	mg/L	14:52:10
1	Na 589.592	-519.1	-519.1	[0.00]	mg/L	14:52:05
1	Na 330.237	-793.6	-793.6	[0.00]	mg/L	14:52:10
1	Ni 231.604	107.0	107.0	[0.00]	mg/L	14:52:10
1	Pb 220.353	9.5	9.5	[0.00]	mg/L	14:52:10
1	Pb 217.000	3.9	3.9	[0.00]	mg/L	14:52:10
1	Sb 206.836	19.2	19.2	[0.00]	mg/L	14:52:10
1	Se 196.026	0.6	0.6	[0.00]	mg/L	14:52:10
1	Se 203.985	-71.8	-71.8	[0.00]	mg/L	14:52:10
1	Si 251.611	213.5	213.5	[0.00]	mg/L	14:52:10
1	Ti 334.940	-994.7	-994.7	[0.00]	mg/L	14:52:10
1	Tl 276.787	126.8	126.8	[0.00]	mg/L	14:52:10
1	Tl 190.801	-23.4	-23.4	[0.00]	mg/L	14:52:10
1	V 290.880	9308.1	9308.1	[0.00]	mg/L	14:52:05
1	V 292.402	117.6	117.6	[0.00]	mg/L	14:52:10
1	Zn 206.200	19.4	19.4	[0.00]	mg/L	14:52:10

Level 3 02-07-0406
Water Sample

1	Zn 213.857	341.6	341.6	[0.00] mg/L	14:52:10
2	Ag 328.068	-203.6	-203.6	[0.00] mg/L	14:52:17
2	Ag 338.289	-66.6	-66.6	[0.00] mg/L	14:52:17
2	Al 308.215	33195.2	33195.2	[0.00] mg/L	14:52:12
2	Al 396.153	169.8	169.8	[0.00] mg/L	14:52:12
2	As 188.979	-6.5	-6.5	[0.00] mg/L	14:52:17
2	As 193.696	-18.6	-18.6	[0.00] mg/L	14:52:17
2	B 182.528	-11.4	-11.4	[0.00] mg/L	14:52:17
2	B 249.677	67.9	67.9	[0.00] mg/L	14:52:17
2	Ba 233.527	-53.8	-53.8	[0.00] mg/L	14:52:17
2	Be 313.107	140342.3	140342.3	[0.00] mg/L	14:52:12
2	Be 234.861	-314.6	-314.6	[0.00] mg/L	14:52:17
2	Ca 317.933	3.7	3.7	[0.00] mg/L	14:52:12
2	Cd 228.802	-4.3	-4.3	[0.00] mg/L	14:52:17
2	Cd 214.440	233.1	233.1	[0.00] mg/L	14:52:17
2	Co 228.616	-105.9	-105.9	[0.00] mg/L	14:52:17
2	Cr 205.560	-32.0	-32.0	[0.00] mg/L	14:52:17
2	Cr 267.716	151.3	151.3	[0.00] mg/L	14:52:17
2	Cu 327.393	-12205.3	-12205.3	[0.00] mg/L	14:52:12
2	Cu 324.752	14009.2	14009.2	[0.00] mg/L	14:52:12
2	Fe 273.955	-8.3	-8.3	[0.00] mg/L	14:52:17
2	Fe 259.939	38.0	38.0	[0.00] mg/L	14:52:17
2	Fe 238.204	111.4	111.4	[0.00] mg/L	14:52:17
2	K 766.490	750.5	750.5	[0.00] mg/L	14:52:12
2	K 404.721	-13653.3	-13653.3	[0.00] mg/L	14:52:12
2	Li 670.784	-420.9	-420.9	[0.00] mg/L	14:52:12
2	Mg 285.213	729.1	729.1	[0.00] mg/L	14:52:12
2	Mn 257.610	-49.3	-49.3	[0.00] mg/L	14:52:17
2	Mo 202.031	16.1	16.1	[0.00] mg/L	14:52:17
2	Na 589.592	-455.9	-455.9	[0.00] mg/L	14:52:12
2	Na 330.237	-767.8	-767.8	[0.00] mg/L	14:52:17
2	Ni 231.604	97.4	97.4	[0.00] mg/L	14:52:17
2	Pb 220.353	14.3	14.3	[0.00] mg/L	14:52:17
2	Pb 217.000	-7.6	-7.6	[0.00] mg/L	14:52:17
2	Sb 206.836	21.3	21.3	[0.00] mg/L	14:52:17
2	Se 196.026	13.7	13.7	[0.00] mg/L	14:52:17
2	Se 203.985	-55.7	-55.7	[0.00] mg/L	14:52:17
2	Si 251.611	245.0	245.0	[0.00] mg/L	14:52:17
2	Ti 334.940	-1019.0	-1019.0	[0.00] mg/L	14:52:17
2	Tl 276.787	134.6	134.6	[0.00] mg/L	14:52:17
2	Tl 190.801	-18.7	-18.7	[0.00] mg/L	14:52:17
2	V 290.880	9189.8	9189.8	[0.00] mg/L	14:52:12
2	V 292.402	144.4	144.4	[0.00] mg/L	14:52:17
2	Zn 206.200	8.6	8.6	[0.00] mg/L	14:52:17
2	Zn 213.857	326.9	326.9	[0.00] mg/L	14:52:17
3	Ag 328.068	-249.8	-249.8	[0.00] mg/L	14:52:24
3	Ag 338.289	-40.3	-40.3	[0.00] mg/L	14:52:24
3	Al 308.215	33528.6	33528.6	[0.00] mg/L	14:52:18
3	Al 396.153	-25.8	-25.8	[0.00] mg/L	14:52:18
3	As 188.979	8.2	8.2	[0.00] mg/L	14:52:24
3	As 193.696	-8.6	-8.6	[0.00] mg/L	14:52:24
3	B 182.528	-14.5	-14.5	[0.00] mg/L	14:52:24
3	B 249.677	120.7	120.7	[0.00] mg/L	14:52:24
3	Ba 233.527	-61.0	-61.0	[0.00] mg/L	14:52:24
3	Be 313.107	141207.3	141207.3	[0.00] mg/L	14:52:18
3	Be 234.861	-329.2	-329.2	[0.00] mg/L	14:52:24
3	Ca 317.933	-60.4	-60.4	[0.00] mg/L	14:52:18
3	Cd 228.802	8.2	8.2	[0.00] mg/L	14:52:24
3	Cd 214.440	239.1	239.1	[0.00] mg/L	14:52:24
3	Co 228.616	-108.5	-108.5	[0.00] mg/L	14:52:24
3	Cr 205.560	-27.6	-27.6	[0.00] mg/L	14:52:24
3	Cr 267.716	151.9	151.9	[0.00] mg/L	14:52:24
3	Cu 327.393	-12237.9	-12237.9	[0.00] mg/L	14:52:18
3	Cu 324.752	14195.0	14195.0	[0.00] mg/L	14:52:18
3	Fe 273.955	-18.9	-18.9	[0.00] mg/L	14:52:24
3	Fe 259.939	32.7	32.7	[0.00] mg/L	14:52:24
3	Fe 238.204	136.1	136.1	[0.00] mg/L	14:52:24
3	K 766.490	498.2	498.2	[0.00] mg/L	14:52:18
3	K 404.721	-13604.6	-13604.6	[0.00] mg/L	14:52:18
3	Li 670.784	-606.4	-606.4	[0.00] mg/L	14:52:18
3	Mg 285.213	825.5	825.5	[0.00] mg/L	14:52:18
3	Mn 257.610	-44.7	-44.7	[0.00] mg/L	14:52:24
3	Mo 202.031	2.6	2.6	[0.00] mg/L	14:52:24

3	Na 589.592	-837.2	-837.2	[0.00]	mg/L	14:52:18
3	Na 330.237	-789.5	-789.5	[0.00]	mg/L	14:52:24
3	Ni 231.604	96.5	96.5	[0.00]	mg/L	14:52:24
3	Pb 220.353	48.0	48.0	[0.00]	mg/L	14:52:24
3	Pb 217.000	5.1	5.1	[0.00]	mg/L	14:52:24
3	Sb 206.836	17.0	17.0	[0.00]	mg/L	14:52:24
3	Se 196.026	7.0	7.0	[0.00]	mg/L	14:52:24
3	Se 203.985	-52.8	-52.8	[0.00]	mg/L	14:52:24
3	Si 251.611	245.2	245.2	[0.00]	mg/L	14:52:24
3	Ti 334.940	-979.1	-979.1	[0.00]	mg/L	14:52:24
3	Tl 276.787	125.5	125.5	[0.00]	mg/L	14:52:24
3	Tl 190.801	-22.4	-22.4	[0.00]	mg/L	14:52:24
3	V 290.880	9309.5	9309.5	[0.00]	mg/L	14:52:18
3	V 292.402	112.0	112.0	[0.00]	mg/L	14:52:24
3	Zn 206.200	7.2	7.2	[0.00]	mg/L	14:52:24
3	Zn 213.857	328.6	328.6	[0.00]	mg/L	14:52:24

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	-226.4	23.12	10.21%	[0.00]	mg/L
Ag 338.289	-58.1	15.39	26.48%	[0.00]	mg/L
Al 308.215	33310.6	188.89	0.57%	[0.00]	mg/L
Al 396.153	75.5	98.02	129.80%	[0.00]	mg/L
As 188.979	1.0	7.36	755.83%	[0.00]	mg/L
As 193.696	-15.5	5.94	38.37%	[0.00]	mg/L
B 182.528	-7.7	9.33	121.91%	[0.00]	mg/L
B 249.677	86.4	29.68	34.34%	[0.00]	mg/L
Ba 233.527	-59.2	4.78	8.08%	[0.00]	mg/L
Be 313.107	140509.8	630.59	0.45%	[0.00]	mg/L
Be 234.861	-325.7	9.80	3.01%	[0.00]	mg/L
Ca 317.933	-41.8	39.55	94.69%	[0.00]	mg/L
Cd 228.802	2.5	6.29	254.25%	[0.00]	mg/L
Cd 214.440	236.1	2.97	1.26%	[0.00]	mg/L
Co 228.616	-108.3	2.29	2.12%	[0.00]	mg/L
Cr 205.560	-33.3	6.53	19.61%	[0.00]	mg/L
Cr 267.716	147.2	7.66	5.21%	[0.00]	mg/L
Cu 327.393	-12296.2	130.22	1.06%	[0.00]	mg/L
Cu 324.752	14044.3	136.52	0.97%	[0.00]	mg/L
Fe 273.955	-16.7	7.46	44.74%	[0.00]	mg/L
Fe 259.939	33.6	4.07	12.12%	[0.00]	mg/L
Fe 238.204	128.4	14.68	11.44%	[0.00]	mg/L
K 766.490	572.7	154.70	27.01%	[0.00]	mg/L
K 404.721	-13645.0	36.91	0.27%	[0.00]	mg/L
Li 670.784	-510.2	92.94	18.22%	[0.00]	mg/L
Mg 285.213	757.0	59.63	7.88%	[0.00]	mg/L
Mn 257.610	-48.6	3.63	7.46%	[0.00]	mg/L
Mo 202.031	6.0	8.83	146.58%	[0.00]	mg/L
Na 589.592	-604.1	204.36	33.83%	[0.00]	mg/L
Na 330.237	-783.7	13.85	1.77%	[0.00]	mg/L
Ni 231.604	100.3	5.79	5.77%	[0.00]	mg/L
Pb 220.353	23.9	21.01	87.71%	[0.00]	mg/L
Pb 217.000	0.5	7.05	>999.9%	[0.00]	mg/L
Sb 206.836	19.2	2.16	11.25%	[0.00]	mg/L
Se 196.026	7.1	6.57	92.49%	[0.00]	mg/L
Se 203.985	-60.1	10.23	17.02%	[0.00]	mg/L
Si 251.611	234.6	18.24	7.78%	[0.00]	mg/L
Ti 334.940	-997.6	20.11	2.02%	[0.00]	mg/L
Tl 276.787	129.0	4.90	3.80%	[0.00]	mg/L
Tl 190.801	-21.5	2.50	11.63%	[0.00]	mg/L
V 290.880	9269.1	68.74	0.74%	[0.00]	mg/L
V 292.402	124.7	17.33	13.90%	[0.00]	mg/L
Zn 206.200	11.7	6.71	57.20%	[0.00]	mg/L
Zn 213.857	332.4	8.01	2.41%	[0.00]	mg/L

Sequence No.: 2
Sample ID: 1
Analyst:
Nebulizer Back Pressure: 342.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 7/15/02 2:53:01 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: 1

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc.	Calib. Units	Analysis Time
1	Ag 328.068	10815.8	11042.2	[0.100]	mg/L	14:54:39
1	Ag 338.289	3824.3	3882.4	[0.100]	mg/L	14:54:44
1	Al 308.215	39756.2	6445.6	[0.100]	mg/L	14:54:39
1	Al 396.153	284.4	208.8	[0.100]	mg/L	14:54:39
1	As 188.979	63.8	62.8	[0.100]	mg/L	14:54:44
1	As 193.696	53.5	69.0	[0.100]	mg/L	14:54:44
1	B 182.528	22.9	30.5	[0.100]	mg/L	14:54:44
1	B 249.677	2279.0	2192.6	[0.100]	mg/L	14:54:44
1	Ba 233.527	1025.6	1084.8	[0.100]	mg/L	14:54:44
1	Be 313.107	309121.1	168611.2	[0.100]	mg/L	14:54:39
1	Be 234.861	31452.2	31777.9	[0.100]	mg/L	14:54:39
1	Ca 317.933	3189.3	3231.0	[0.100]	mg/L	14:54:39
1	Cd 228.802	857.8	855.3	[0.100]	mg/L	14:54:44
1	Cd 214.440	1585.3	1349.2	[0.100]	mg/L	14:54:44
1	Co 228.616	380.6	488.9	[0.100]	mg/L	14:54:44
1	Cr 205.560	571.8	605.1	[0.100]	mg/L	14:54:44
1	Cr 267.716	2427.3	2280.1	[0.100]	mg/L	14:54:44
1	Cu 327.393	4410.5	16706.7	[0.100]	mg/L	14:54:39
1	Cu 324.752	49217.8	35173.5	[0.100]	mg/L	14:54:39
1	Fe 273.955	585.8	602.5	[0.100]	mg/L	14:54:44
1	Fe 259.939	5352.5	5318.9	[0.100]	mg/L	14:54:44
1	Fe 238.204	3350.1	3221.8	[0.100]	mg/L	14:54:44
1	K 766.490	45789.6	45216.9	[0.100]	mg/L	14:54:39
1	K 404.721	-13232.3	412.6	[1.000]	mg/L	14:54:39
1	Li 670.784	106592.0	107102.1	[0.100]	mg/L	14:54:39
1	Mg 285.213	30631.9	29874.9	[0.100]	mg/L	14:54:39
1	Mn 257.610	9484.4	9533.0	[0.100]	mg/L	14:54:44
1	Mo 202.031	396.2	390.1	[0.100]	mg/L	14:54:44
1	Na 589.592	-469.1	134.9	[0.100]	mg/L	14:54:39
1	Na 330.237	-525.6	258.0	[0.100]	mg/L	14:54:44
1	Ni 231.604	817.5	717.2	[0.100]	mg/L	14:54:44
1	Pb 220.353	165.6	141.7	[0.100]	mg/L	14:54:44
1	Pb 217.000	75.9	75.5	[0.100]	mg/L	14:54:44
1	Sb 206.836	171.2	152.0	[0.100]	mg/L	14:54:44
1	Se 196.026	78.9	71.8	[0.100]	mg/L	14:54:44
1	Se 203.985	19.3	79.4	[0.100]	mg/L	14:54:44
1	Si 251.611	1525.5	1291.0	[0.050]	mg/L	14:54:44
1	Ti 334.940	15456.2	16453.9	[0.100]	mg/L	14:54:39
1	Tl 276.787	262.2	133.2	[0.100]	mg/L	14:54:44
1	Tl 190.801	-5.3	16.2	[0.100]	mg/L	14:54:44
1	V 290.880	12962.4	3693.3	[0.100]	mg/L	14:54:39
1	V 292.402	4382.8	4258.1	[0.100]	mg/L	14:54:44
2	Ag 328.068	10726.0	10952.4	[0.100]	mg/L	14:54:46
2	Ag 338.289	3853.1	3911.2	[0.100]	mg/L	14:54:51
2	Al 308.215	38823.9	5513.3	[0.100]	mg/L	14:54:46
2	Al 396.153	279.7	204.2	[0.100]	mg/L	14:54:46
2	As 188.979	56.6	55.6	[0.100]	mg/L	14:54:51
2	As 193.696	42.2	57.7	[0.100]	mg/L	14:54:51
2	B 182.528	23.9	31.6	[0.100]	mg/L	14:54:51
2	B 249.677	2282.8	2196.4	[0.100]	mg/L	14:54:51
2	Ba 233.527	1031.2	1090.3	[0.100]	mg/L	14:54:51
2	Be 313.107	303728.9	163219.1	[0.100]	mg/L	14:54:46
2	Be 234.861	30972.9	31298.6	[0.100]	mg/L	14:54:46
2	Ca 317.933	3169.7	3211.4	[0.100]	mg/L	14:54:46
2	Cd 228.802	871.5	869.0	[0.100]	mg/L	14:54:51
2	Cd 214.440	1602.2	1366.1	[0.100]	mg/L	14:54:51
2	Co 228.616	374.3	482.5	[0.100]	mg/L	14:54:51
2	Cr 205.560	575.3	608.7	[0.100]	mg/L	14:54:51
2	Cr 267.716	2453.0	2305.9	[0.100]	mg/L	14:54:51
2	Cu 327.393	4009.7	16305.9	[0.100]	mg/L	14:54:46
2	Cu 324.752	48100.1	34055.7	[0.100]	mg/L	14:54:46
2	Fe 273.955	593.3	610.0	[0.100]	mg/L	14:54:51
2	Fe 259.939	5285.1	5251.5	[0.100]	mg/L	14:54:51
2	Fe 238.204	3306.0	3177.6	[0.100]	mg/L	14:54:51
2	K 766.490	43970.7	43398.0	[0.100]	mg/L	14:54:46
2	K 404.721	-13333.9	311.1	[1.000]	mg/L	14:54:46
2	Li 670.784	102429.8	102939.9	[0.100]	mg/L	14:54:46
2	Mg 285.213	29734.1	28977.0	[0.100]	mg/L	14:54:46

2	Mn 257.610	9498.0	9546.7	[0.100]	mg/L	14:54:51
2	Mo 202.031	373.3	367.2	[0.100]	mg/L	14:54:51
2	Na 589.592	-411.2	192.9	[0.100]	mg/L	14:54:46
2	Na 330.237	-544.3	239.3	[0.100]	mg/L	14:54:51
2	Ni 231.604	794.6	694.2	[0.100]	mg/L	14:54:51
2	Pb 220.353	206.1	182.1	[0.100]	mg/L	14:54:51
2	Pb 217.000	84.8	84.4	[0.100]	mg/L	14:54:51
2	Sb 206.836	175.0	155.8	[0.100]	mg/L	14:54:51
2	Se 196.026	76.4	69.3	[0.100]	mg/L	14:54:51
2	Se 203.985	18.6	78.7	[0.100]	mg/L	14:54:51
2	Si 251.611	1525.4	1290.8	[0.050]	mg/L	14:54:51
2	Ti 334.940	15232.1	16229.7	[0.100]	mg/L	14:54:46
2	Tl 276.787	242.1	113.1	[0.100]	mg/L	14:54:51
2	Tl 190.801	-0.2	21.3	[0.100]	mg/L	14:54:51
2	V 290.880	12790.9	3521.8	[0.100]	mg/L	14:54:46
2	V 292.402	4407.1	4282.4	[0.100]	mg/L	14:54:51
3	Ag 328.068	10907.2	11133.5	[0.100]	mg/L	14:54:53
3	Ag 338.289	3824.4	3882.5	[0.100]	mg/L	14:54:58
3	Al 308.215	39314.0	6003.4	[0.100]	mg/L	14:54:53
3	Al 396.153	382.4	306.9	[0.100]	mg/L	14:54:53
3	As 188.979	60.4	59.4	[0.100]	mg/L	14:54:58
3	As 193.696	41.3	56.8	[0.100]	mg/L	14:54:58
3	B 182.528	25.3	33.0	[0.100]	mg/L	14:54:58
3	B 249.677	2263.6	2177.2	[0.100]	mg/L	14:54:58
3	Ba 233.527	1034.8	1094.0	[0.100]	mg/L	14:54:58
3	Be 313.107	306799.5	166289.7	[0.100]	mg/L	14:54:53
3	Be 234.861	31189.8	31515.5	[0.100]	mg/L	14:54:53
3	Ca 317.933	3188.6	3230.4	[0.100]	mg/L	14:54:53
3	Cd 228.802	853.4	850.9	[0.100]	mg/L	14:54:58
3	Cd 214.440	1566.8	1330.7	[0.100]	mg/L	14:54:58
3	Co 228.616	367.1	475.4	[0.100]	mg/L	14:54:58
3	Cr 205.560	571.5	604.9	[0.100]	mg/L	14:54:58
3	Cr 267.716	2415.9	2268.7	[0.100]	mg/L	14:54:58
3	Cu 327.393	4060.5	16356.8	[0.100]	mg/L	14:54:53
3	Cu 324.752	48587.9	34543.5	[0.100]	mg/L	14:54:53
3	Fe 273.955	565.2	581.9	[0.100]	mg/L	14:54:58
3	Fe 259.939	5216.7	5183.1	[0.100]	mg/L	14:54:58
3	Fe 238.204	3244.2	3115.8	[0.100]	mg/L	14:54:58
3	K 766.490	45019.3	44446.7	[0.100]	mg/L	14:54:53
3	K 404.721	-13166.6	478.4	[1.000]	mg/L	14:54:53
3	Li 670.784	106238.6	106748.8	[0.100]	mg/L	14:54:53
3	Mg 285.213	30273.3	29516.2	[0.100]	mg/L	14:54:53
3	Mn 257.610	9431.8	9480.4	[0.100]	mg/L	14:54:58
3	Mo 202.031	374.6	368.6	[0.100]	mg/L	14:54:58
3	Na 589.592	-422.9	181.2	[0.100]	mg/L	14:54:53
3	Na 330.237	-506.0	277.7	[0.100]	mg/L	14:54:58
3	Ni 231.604	800.0	699.7	[0.100]	mg/L	14:54:58
3	Pb 220.353	192.1	168.2	[0.100]	mg/L	14:54:58
3	Pb 217.000	91.8	91.3	[0.100]	mg/L	14:54:58
3	Sb 206.836	173.9	154.7	[0.100]	mg/L	14:54:58
3	Se 196.026	82.3	75.2	[0.100]	mg/L	14:54:58
3	Se 203.985	34.6	94.7	[0.100]	mg/L	14:54:58
3	Si 251.611	1496.8	1262.2	[0.050]	mg/L	14:54:58
3	Ti 334.940	15120.5	16118.1	[0.100]	mg/L	14:54:53
3	Tl 276.787	249.2	120.2	[0.100]	mg/L	14:54:58
3	Tl 190.801	1.9	23.5	[0.100]	mg/L	14:54:58
3	V 290.880	12978.9	3709.8	[0.100]	mg/L	14:54:53
3	V 292.402	4367.5	4242.9	[0.100]	mg/L	14:54:58

Mean Data: 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	11042.7	90.57	0.82%	[0.100]	mg/L
Ag 338.289	3892.0	16.62	0.43%	[0.100]	mg/L
Al 308.215	5987.4	466.36	7.79%	[0.100]	mg/L
Al 396.153	240.0	57.98	24.16%	[0.100]	mg/L
As 188.979	59.3	3.60	6.07%	[0.100]	mg/L
As 193.696	61.2	6.80	11.12%	[0.100]	mg/L
B 182.528	31.7	1.23	3.88%	[0.100]	mg/L
B 249.677	2188.7	10.17	0.46%	[0.100]	mg/L
Ba 233.527	1089.7	4.60	0.42%	[0.100]	mg/L
Be 313.107	166040.0	2704.74	1.63%	[0.100]	mg/L

Be 234.861	31530.7	240.05	0.76%	[0.100]	mg/L
Ca 317.933	3224.3	11.15	0.35%	[0.100]	mg/L
Cd 228.802	858.4	9.44	1.10%	[0.100]	mg/L
Cd 214.440	1348.7	17.72	1.31%	[0.100]	mg/L
Co 228.616	482.3	6.77	1.40%	[0.100]	mg/L
Cr 205.560	606.2	2.13	0.35%	[0.100]	mg/L
Cr 267.716	2284.9	19.02	0.83%	[0.100]	mg/L
Cu 327.393	16456.5	218.20	1.33%	[0.100]	mg/L
Cu 324.752	34590.9	560.40	1.62%	[0.100]	mg/L
Fe 273.955	598.1	14.55	2.43%	[0.100]	mg/L
Fe 259.939	5251.2	67.91	1.29%	[0.100]	mg/L
Fe 238.204	3171.7	53.24	1.68%	[0.100]	mg/L
K 766.490	44353.9	913.02	2.06%	[0.100]	mg/L
K 404.721	400.7	84.30	21.04%	[1.000]	mg/L
Li 670.784	105597.0	2307.82	2.19%	[0.100]	mg/L
Mg 285.213	29456.0	451.93	1.53%	[0.100]	mg/L
Mn 257.610	9520.0	34.98	0.37%	[0.100]	mg/L
Mo 202.031	375.3	12.85	3.42%	[0.100]	mg/L
Na 589.592	169.7	30.62	18.05%	[0.100]	mg/L
Na 330.237	258.3	19.17	7.42%	[0.100]	mg/L
Ni 231.604	703.7	11.98	1.70%	[0.100]	mg/L
Pb 220.353	164.0	20.54	12.53%	[0.100]	mg/L
Pb 217.000	83.7	7.94	9.48%	[0.100]	mg/L
Sb 206.836	154.2	1.97	1.28%	[0.100]	mg/L
Se 196.026	72.1	2.96	4.11%	[0.100]	mg/L
Se 203.985	84.3	9.05	10.74%	[0.100]	mg/L
Si 251.611	1281.3	16.55	1.29%	[0.050]	mg/L
Ti 334.940	16267.2	171.00	1.05%	[0.100]	mg/L
Tl 276.787	122.2	10.19	8.34%	[0.100]	mg/L
Tl 190.801	20.3	3.73	18.33%	[0.100]	mg/L
V 290.880	3641.6	104.11	2.86%	[0.100]	mg/L
V 292.402	4261.1	19.92	0.47%	[0.100]	mg/L

Sequence No.: 3
Sample ID: 2
Analyst:
Nebulizer Back Pressure: 341.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 7/15/02 2:55:36 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: 2

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc.	Calib. Units	Analysis Time
1	Ag 328.068	56792.5	57018.9	[0.500]	mg/L	14:57:17
1	Ag 338.289	19946.0	20004.1	[0.500]	mg/L	14:57:17
1	Al 308.215	43192.3	9881.7	[0.500]	mg/L	14:57:17
1	Al 396.153	884.1	808.6	[0.500]	mg/L	14:57:17
1	As 188.979	310.9	309.9	[0.500]	mg/L	14:57:22
1	As 193.696	339.3	354.8	[0.500]	mg/L	14:57:22
1	B 182.528	159.4	167.1	[0.500]	mg/L	14:57:22
1	B 249.677	11183.9	11097.4	[0.500]	mg/L	14:57:17
1	Ba 233.527	5326.0	5385.2	[0.500]	mg/L	14:57:22
1	Be 313.107	903038.2	762528.4	[0.500]	mg/L	14:57:16
1	Be 234.861	155509.3	155835.0	[0.500]	mg/L	14:57:17
1	Ca 317.933	9430.8	9472.6	[0.500]	mg/L	14:57:17
1	Cd 228.802	4326.6	4324.2	[0.500]	mg/L	14:57:22
1	Cd 214.440	6940.1	6704.0	[0.500]	mg/L	14:57:22
1	Co 228.616	2448.5	2556.7	[0.500]	mg/L	14:57:22
1	Cr 205.560	3056.7	3090.1	[0.500]	mg/L	14:57:22
1	Cr 267.716	11427.4	11280.2	[0.500]	mg/L	14:57:22
1	Cu 327.393	73913.1	86209.3	[0.500]	mg/L	14:57:17
1	Cu 324.752	175112.7	161068.4	[0.500]	mg/L	14:57:17
1	Fe 273.955	1531.7	1548.4	[0.500]	mg/L	14:57:22
1	Fe 259.939	14434.6	14401.0	[0.500]	mg/L	14:57:17
1	Fe 238.204	8459.5	8331.1	[0.500]	mg/L	14:57:22
1	K 766.490	209947.6	209374.9	[5.000]	mg/L	14:57:16
1	K 404.721	-13159.7	485.3	[5.000]	mg/L	14:57:17
1	Li 670.784	599251.1	599761.2	[0.500]	mg/L	14:57:16
1	Mg 285.213	113126.7	112369.7	[0.500]	mg/L	14:57:17
1	Mn 257.610	45975.3	46024.0	[0.500]	mg/L	14:57:17
1	Mo 202.031	1755.8	1749.7	[0.500]	mg/L	14:57:22

1	Na 589.592	615.1	1219.1	[0.500]	mg/L	14:57:16
1	Na 330.237	134.4	918.1	[0.500]	mg/L	14:57:22
1	Ni 231.604	3681.8	3581.5	[0.500]	mg/L	14:57:22
1	Pb 220.353	881.7	857.7	[0.500]	mg/L	14:57:22
1	Pb 217.000	385.7	385.2	[0.500]	mg/L	14:57:22
1	Sb 206.836	809.0	789.8	[0.500]	mg/L	14:57:22
1	Se 196.026	370.7	363.6	[0.500]	mg/L	14:57:22
1	Se 203.985	451.4	511.5	[0.500]	mg/L	14:57:22
1	Si 251.611	6034.2	5799.7	[0.250]	mg/L	14:57:22
1	Ti 334.940	78194.4	79192.0	[0.500]	mg/L	14:57:17
1	Tl 276.787	786.6	657.6	[0.500]	mg/L	14:57:22
1	Tl 190.801	117.0	138.5	[0.500]	mg/L	14:57:22
1	V 290.880	21454.7	12185.6	[0.500]	mg/L	14:57:17
1	V 292.402	21599.9	21475.3	[0.500]	mg/L	14:57:17
1	Zn 206.200	3171.0	3159.3	[0.500]	mg/L	14:57:22
1	Zn 213.857	19176.6	18844.2	[0.500]	mg/L	14:57:17
2	Ag 328.068	56883.2	57109.5	[0.500]	mg/L	14:57:25
2	Ag 338.289	20047.8	20105.9	[0.500]	mg/L	14:57:25
2	Al 308.215	43515.2	10204.6	[0.500]	mg/L	14:57:25
2	Al 396.153	849.3	773.8	[0.500]	mg/L	14:57:25
2	As 188.979	321.0	320.0	[0.500]	mg/L	14:57:30
2	As 193.696	340.9	356.4	[0.500]	mg/L	14:57:30
2	B 182.528	174.5	182.2	[0.500]	mg/L	14:57:30
2	B 249.677	11164.9	11078.5	[0.500]	mg/L	14:57:25
2	Ba 233.527	5299.5	5358.7	[0.500]	mg/L	14:57:30
2	Be 313.107	894809.7	754299.9	[0.500]	mg/L	14:57:24
2	Be 234.861	156204.5	156530.2	[0.500]	mg/L	14:57:25
2	Ca 317.933	9373.6	9415.3	[0.500]	mg/L	14:57:25
2	Cd 228.802	4316.8	4314.3	[0.500]	mg/L	14:57:30
2	Cd 214.440	6917.0	6680.9	[0.500]	mg/L	14:57:30
2	Co 228.616	2470.7	2579.0	[0.500]	mg/L	14:57:30
2	Cr 205.560	3032.3	3065.7	[0.500]	mg/L	14:57:30
2	Cr 267.716	11415.6	11268.5	[0.500]	mg/L	14:57:30
2	Cu 327.393	74043.8	86340.0	[0.500]	mg/L	14:57:25
2	Cu 324.752	174978.5	160934.2	[0.500]	mg/L	14:57:25
2	Fe 273.955	1536.3	1552.9	[0.500]	mg/L	14:57:30
2	Fe 259.939	14510.9	14477.3	[0.500]	mg/L	14:57:25
2	Fe 238.204	8457.9	8329.5	[0.500]	mg/L	14:57:30
2	K 766.490	214698.8	214126.1	[5.000]	mg/L	14:57:24
2	K 404.721	-13041.0	604.0	[5.000]	mg/L	14:57:25
2	Li 670.784	604506.1	605016.2	[0.500]	mg/L	14:57:24
2	Mg 285.213	113368.0	112611.0	[0.500]	mg/L	14:57:25
2	Mn 257.610	46275.4	46324.0	[0.500]	mg/L	14:57:25
2	Mo 202.031	1772.7	1766.7	[0.500]	mg/L	14:57:30
2	Na 589.592	351.7	955.8	[0.500]	mg/L	14:57:24
2	Na 330.237	85.0	868.7	[0.500]	mg/L	14:57:30
2	Ni 231.604	3668.3	3568.0	[0.500]	mg/L	14:57:30
2	Pb 220.353	905.3	881.3	[0.500]	mg/L	14:57:30
2	Pb 217.000	379.8	379.4	[0.500]	mg/L	14:57:30
2	Sb 206.836	823.8	804.6	[0.500]	mg/L	14:57:30
2	Se 196.026	380.5	373.4	[0.500]	mg/L	14:57:30
2	Se 203.985	462.6	522.7	[0.500]	mg/L	14:57:30
2	Si 251.611	6037.6	5803.1	[0.250]	mg/L	14:57:30
2	Ti 334.940	78573.4	79571.0	[0.500]	mg/L	14:57:25
2	Tl 276.787	785.4	656.4	[0.500]	mg/L	14:57:30
2	Tl 190.801	121.2	142.7	[0.500]	mg/L	14:57:30
2	V 290.880	21444.0	12174.8	[0.500]	mg/L	14:57:25
2	V 292.402	21676.0	21551.3	[0.500]	mg/L	14:57:25
2	Zn 206.200	3160.7	3149.0	[0.500]	mg/L	14:57:30
2	Zn 213.857	19390.8	19058.5	[0.500]	mg/L	14:57:25
3	Ag 328.068	55962.9	56189.2	[0.500]	mg/L	14:57:34
3	Ag 338.289	19631.2	19689.3	[0.500]	mg/L	14:57:34
3	Al 308.215	43082.7	9772.1	[0.500]	mg/L	14:57:34
3	Al 396.153	849.3	773.8	[0.500]	mg/L	14:57:34
3	As 188.979	303.3	302.4	[0.500]	mg/L	14:57:39
3	As 193.696	339.1	354.6	[0.500]	mg/L	14:57:39
3	B 182.528	171.2	178.9	[0.500]	mg/L	14:57:39
3	B 249.677	11074.9	10988.5	[0.500]	mg/L	14:57:34
3	Ba 233.527	5303.0	5362.2	[0.500]	mg/L	14:57:39
3	Be 313.107	893464.8	752955.0	[0.500]	mg/L	14:57:32
3	Be 234.861	153915.2	154240.9	[0.500]	mg/L	14:57:34
3	Ca 317.933	9256.3	9298.1	[0.500]	mg/L	14:57:34
3	Cd 228.802	4283.0	4280.5	[0.500]	mg/L	14:57:39

3	Cd 214.440	6895.8	6659.7	[0.500]	mg/L	14:57:39
3	Co 228.616	2433.9	2542.1	[0.500]	mg/L	14:57:39
3	Cr 205.560	3041.2	3074.5	[0.500]	mg/L	14:57:39
3	Cr 267.716	11353.0	11205.8	[0.500]	mg/L	14:57:39
3	Cu 327.393	73595.7	85891.9	[0.500]	mg/L	14:57:34
3	Cu 324.752	173880.1	159835.7	[0.500]	mg/L	14:57:34
3	Fe 273.955	1513.4	1530.1	[0.500]	mg/L	14:57:39
3	Fe 259.939	14189.7	14156.1	[0.500]	mg/L	14:57:34
3	Fe 238.204	8384.2	8255.9	[0.500]	mg/L	14:57:39
3	K 766.490	210848.8	210276.1	[5.000]	mg/L	14:57:32
3	K 404.721	-12911.0	733.9	[5.000]	mg/L	14:57:34
3	Li 670.784	591188.5	591698.7	[0.500]	mg/L	14:57:32
3	Mg 285.213	111940.7	111183.7	[0.500]	mg/L	14:57:34
3	Mn 257.610	45588.7	45637.4	[0.500]	mg/L	14:57:34
3	Mo 202.031	1768.8	1762.8	[0.500]	mg/L	14:57:39
3	Na 589.592	314.9	919.0	[0.500]	mg/L	14:57:32
3	Na 330.237	73.2	856.8	[0.500]	mg/L	14:57:39
3	Ni 231.604	3630.2	3529.9	[0.500]	mg/L	14:57:39
3	Pb 220.353	912.8	888.8	[0.500]	mg/L	14:57:39
3	Pb 217.000	393.2	392.8	[0.500]	mg/L	14:57:39
3	Sb 206.836	806.9	787.7	[0.500]	mg/L	14:57:39
3	Se 196.026	367.9	360.8	[0.500]	mg/L	14:57:39
3	Se 203.985	447.8	507.9	[0.500]	mg/L	14:57:39
3	Si 251.611	5979.1	5744.5	[0.250]	mg/L	14:57:39
3	Ti 334.940	77701.0	78698.7	[0.500]	mg/L	14:57:34
3	Tl 276.787	809.5	680.5	[0.500]	mg/L	14:57:39
3	Tl 190.801	99.3	120.8	[0.500]	mg/L	14:57:39
3	V 290.880	21170.7	11901.6	[0.500]	mg/L	14:57:34
3	V 292.402	21366.1	21241.4	[0.500]	mg/L	14:57:34
3	Zn 206.200	3166.4	3154.6	[0.500]	mg/L	14:57:39
3	Zn 213.857	18995.0	18662.6	[0.500]	mg/L	14:57:34

Mean Data: 2

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	56772.5	507.19	0.89%	[0.500]	mg/L
Ag 338.289	19933.1	217.17	1.09%	[0.500]	mg/L
Al 308.215	9952.8	224.84	2.26%	[0.500]	mg/L
Al 396.153	785.4	20.07	2.56%	[0.500]	mg/L
As 188.979	310.7	8.83	2.84%	[0.500]	mg/L
As 193.696	355.2	0.98	0.27%	[0.500]	mg/L
B 182.528	176.0	7.95	4.52%	[0.500]	mg/L
B 249.677	11054.8	58.21	0.53%	[0.500]	mg/L
Ba 233.527	5368.7	14.38	0.27%	[0.500]	mg/L
Be 313.107	756594.4	5182.78	0.69%	[0.500]	mg/L
Be 234.861	155535.4	1173.69	0.75%	[0.500]	mg/L
Ca 317.933	9395.3	88.94	0.95%	[0.500]	mg/L
Cd 228.802	4306.4	22.89	0.53%	[0.500]	mg/L
Cd 214.440	6681.5	22.13	0.33%	[0.500]	mg/L
Co 228.616	2559.3	18.56	0.73%	[0.500]	mg/L
Cr 205.560	3076.7	12.36	0.40%	[0.500]	mg/L
Cr 267.716	11251.5	39.98	0.36%	[0.500]	mg/L
Cu 327.393	86147.1	230.45	0.27%	[0.500]	mg/L
Cu 324.752	160612.8	676.27	0.42%	[0.500]	mg/L
Fe 273.955	1543.8	12.10	0.78%	[0.500]	mg/L
Fe 259.939	14344.8	167.85	1.17%	[0.500]	mg/L
Fe 238.204	8305.5	42.99	0.52%	[0.500]	mg/L
K 766.490	211259.0	2523.48	1.19%	[5.000]	mg/L
K 404.721	607.7	124.39	20.47%	[5.000]	mg/L
Li 670.784	598825.4	6707.91	1.12%	[0.500]	mg/L
Mg 285.213	112054.8	763.97	0.68%	[0.500]	mg/L
Mn 257.610	45995.1	344.25	0.75%	[0.500]	mg/L
Mo 202.031	1759.8	8.89	0.50%	[0.500]	mg/L
Na 589.592	1031.3	163.71	15.87%	[0.500]	mg/L
Na 330.237	881.2	32.48	3.69%	[0.500]	mg/L
Ni 231.604	3559.8	26.76	0.75%	[0.500]	mg/L
Pb 220.353	876.0	16.23	1.85%	[0.500]	mg/L
Pb 217.000	385.8	6.72	1.74%	[0.500]	mg/L
Sb 206.836	794.0	9.19	1.16%	[0.500]	mg/L
Se 196.026	365.9	6.65	1.82%	[0.500]	mg/L
Se 203.985	514.0	7.70	1.50%	[0.500]	mg/L
Si 251.611	5782.4	32.88	0.57%	[0.250]	mg/L

Ti 334.940	79153.9	437.42	0.55%	[0.500] mg/L
Tl 276.787	664.8	13.58	2.04%	[0.500] mg/L
Tl 190.801	134.0	11.64	8.68%	[0.500] mg/L
V 290.880	12087.3	160.96	1.33%	[0.500] mg/L
V 292.402	21422.7	161.49	0.75%	[0.500] mg/L
Zn 206.200	3154.3	5.15	0.16%	[0.500] mg/L
Zn 213.857	18855.1	198.16	1.05%	[0.500] mg/L

Sequence No.: 4 **Autosampler Location: 5**
Sample ID: 3 **Date Collected: 7/15/02 2:58:17 PM**
Analyst:
Nebulizer Back Pressure: 342.0 kPa **Nebulizer Flow: 0.85 L/min**
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Replicate Data: 3

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc.	Calib. Units	Analysis Time
1	Ag 328.068	114642.9	114869.3	[1.000]	mg/L	14:59:59
1	Ag 338.289	40396.4	40454.5	[1.000]	mg/L	14:59:59
1	Al 308.215	48283.5	14972.8	[1.000]	mg/L	14:59:59
1	Al 396.153	1643.0	1567.5	[1.000]	mg/L	14:59:59
1	As 188.979	622.5	621.5	[1.000]	mg/L	15:00:04
1	As 193.696	745.5	761.0	[1.000]	mg/L	15:00:04
1	B 182.528	339.7	347.4	[1.000]	mg/L	15:00:04
1	B 249.677	22389.3	22302.8	[1.000]	mg/L	14:59:59
1	Ba 233.527	10615.5	10674.7	[1.000]	mg/L	15:00:04
1	Be 313.107	1655368.6	1514858.8	[1.000]	mg/L	14:59:58
1	Be 234.861	300487.6	300813.3	[1.000]	mg/L	14:59:59
1	Ca 317.933	18402.3	18444.1	[1.000]	mg/L	14:59:59
1	Cd 228.802	8629.7	8627.2	[1.000]	mg/L	15:00:04
1	Cd 214.440	13876.2	13640.1	[1.000]	mg/L	14:59:59
1	Co 228.616	5075.4	5183.7	[1.000]	mg/L	15:00:04
1	Cr 205.560	6138.3	6171.6	[1.000]	mg/L	15:00:04
1	Cr 267.716	23198.8	23051.6	[1.000]	mg/L	14:59:59
1	Cu 327.393	159281.6	171577.9	[1.000]	mg/L	14:59:59
1	Cu 324.752	328138.8	314094.4	[1.000]	mg/L	14:59:59
1	Fe 273.955	3024.1	3040.8	[1.000]	mg/L	15:00:04
1	Fe 259.939	27906.8	27873.2	[1.000]	mg/L	14:59:59
1	Fe 238.204	16734.0	16605.7	[1.000]	mg/L	14:59:59
1	K 766.490	487118.6	486545.9	[10.000]	mg/L	14:59:58
1	K 404.721	-13317.2	327.8	[10.000]	mg/L	14:59:59
1	Li 670.784	1403589.0	1404099.2	[1.000]	mg/L	14:59:56
1	Mg 285.213	227698.2	226941.2	[1.000]	mg/L	14:59:59
1	Mn 257.610	92007.4	92056.1	[1.000]	mg/L	14:59:59
1	Mo 202.031	3562.3	3556.3	[1.000]	mg/L	15:00:04
1	Na 589.592	2477.1	3081.1	[1.000]	mg/L	14:59:58
1	Na 330.237	855.6	1639.2	[1.000]	mg/L	15:00:04
1	Ni 231.604	7244.9	7144.6	[1.000]	mg/L	15:00:04
1	Pb 220.353	1857.7	1833.8	[1.000]	mg/L	15:00:04
1	Pb 217.000	793.9	793.5	[1.000]	mg/L	15:00:04
1	Sb 206.836	1635.7	1616.5	[1.000]	mg/L	15:00:04
1	Se 196.026	747.7	740.6	[1.000]	mg/L	15:00:04
1	Se 203.985	1007.6	1067.7	[1.000]	mg/L	15:00:04
1	Si 251.611	11603.7	11369.1	[0.500]	mg/L	14:59:59
1	Ti 334.940	155447.9	156445.5	[1.000]	mg/L	14:59:59
1	Tl 276.787	1497.2	1368.2	[1.000]	mg/L	15:00:04
1	Tl 190.801	264.2	285.8	[1.000]	mg/L	15:00:04
1	V 290.880	31917.6	22648.5	[1.000]	mg/L	14:59:59
1	V 292.402	43082.7	42958.0	[1.000]	mg/L	14:59:59
1	Zn 206.200	5726.3	5714.6	[1.000]	mg/L	15:00:04
1	Zn 213.857	34492.6	34160.2	[1.000]	mg/L	14:59:59
2	Ag 328.068	117282.5	117508.8	[1.000]	mg/L	15:00:08
2	Ag 338.289	41304.1	41362.2	[1.000]	mg/L	15:00:08
2	Al 308.215	48826.2	15515.6	[1.000]	mg/L	15:00:08
2	Al 396.153	1634.4	1558.8	[1.000]	mg/L	15:00:08
2	As 188.979	620.3	619.4	[1.000]	mg/L	15:00:14
2	As 193.696	737.6	753.1	[1.000]	mg/L	15:00:14
2	B 182.528	339.5	347.2	[1.000]	mg/L	15:00:14
2	B 249.677	22825.1	22738.7	[1.000]	mg/L	15:00:08
2	Ba 233.527	10707.9	10767.1	[1.000]	mg/L	15:00:14

2	Be 313.107	1630388.8	1489878.9	[1.000]	mg/L	15:00:07
2	Be 234.861	306552.2	306877.9	[1.000]	mg/L	15:00:08
2	Ca 317.933	18906.0	18947.7	[1.000]	mg/L	15:00:08
2	Cd 228.802	8685.7	8683.2	[1.000]	mg/L	15:00:14
2	Cd 214.440	14262.4	14026.3	[1.000]	mg/L	15:00:08
2	Co 228.616	5088.9	5197.2	[1.000]	mg/L	15:00:14
2	Cr 205.560	6166.4	6199.7	[1.000]	mg/L	15:00:14
2	Cr 267.716	23826.1	23679.0	[1.000]	mg/L	15:00:08
2	Cu 327.393	162578.6	174874.8	[1.000]	mg/L	15:00:08
2	Cu 324.752	334075.6	320031.2	[1.000]	mg/L	15:00:08
2	Fe 273.955	3065.6	3082.3	[1.000]	mg/L	15:00:14
2	Fe 259.939	28529.1	28495.5	[1.000]	mg/L	15:00:08
2	Fe 238.204	17166.3	17037.9	[1.000]	mg/L	15:00:08
2	K 766.490	465043.8	464471.1	[10.000]	mg/L	15:00:07
2	K 404.721	-13322.5	322.5	[10.000]	mg/L	15:00:08
2	Li 670.784	1399757.8	1400267.9	[1.000]	mg/L	15:00:06
2	Mg 285.213	233216.4	232459.3	[1.000]	mg/L	15:00:08
2	Mn 257.610	94001.2	94049.8	[1.000]	mg/L	15:00:08
2	Mo 202.031	3623.3	3617.3	[1.000]	mg/L	15:00:14
2	Na 589.592	2327.2	2931.3	[1.000]	mg/L	15:00:07
2	Na 330.237	865.2	1648.9	[1.000]	mg/L	15:00:14
2	Ni 231.604	7251.4	7151.1	[1.000]	mg/L	15:00:14
2	Pb 220.353	1832.9	1808.9	[1.000]	mg/L	15:00:14
2	Pb 217.000	790.7	790.2	[1.000]	mg/L	15:00:14
2	Sb 206.836	1643.5	1624.3	[1.000]	mg/L	15:00:14
2	Se 196.026	752.7	745.6	[1.000]	mg/L	15:00:14
2	Se 203.985	969.4	1029.5	[1.000]	mg/L	15:00:14
2	Si 251.611	11791.1	11556.6	[0.500]	mg/L	15:00:08
2	Ti 334.940	158874.2	159871.8	[1.000]	mg/L	15:00:08
2	Tl 276.787	1490.3	1361.3	[1.000]	mg/L	15:00:14
2	Tl 190.801	266.2	287.7	[1.000]	mg/L	15:00:14
2	V 290.880	32593.8	23324.7	[1.000]	mg/L	15:00:08
2	V 292.402	44100.2	43975.6	[1.000]	mg/L	15:00:08
2	Zn 206.200	5743.3	5731.6	[1.000]	mg/L	15:00:14
2	Zn 213.857	35273.0	34940.6	[1.000]	mg/L	15:00:08
3	Ag 328.068	116714.1	116940.4	[1.000]	mg/L	15:00:18
3	Ag 338.289	41130.1	41188.2	[1.000]	mg/L	15:00:18
3	Al 308.215	49074.1	15763.5	[1.000]	mg/L	15:00:18
3	Al 396.153	1869.3	1793.8	[1.000]	mg/L	15:00:18
3	As 188.979	608.2	607.3	[1.000]	mg/L	15:00:23
3	As 193.696	717.4	732.9	[1.000]	mg/L	15:00:23
3	B 182.528	345.4	353.1	[1.000]	mg/L	15:00:23
3	B 249.677	22926.6	22840.1	[1.000]	mg/L	15:00:18
3	Ba 233.527	10657.2	10716.4	[1.000]	mg/L	15:00:23
3	Be 313.107	1625526.2	1485016.3	[1.000]	mg/L	15:00:17
3	Be 234.861	305833.0	306158.7	[1.000]	mg/L	15:00:18
3	Ca 317.933	18757.4	18799.2	[1.000]	mg/L	15:00:18
3	Cd 228.802	8628.6	8626.1	[1.000]	mg/L	15:00:23
3	Cd 214.440	14007.4	13771.3	[1.000]	mg/L	15:00:18
3	Co 228.616	5032.3	5140.6	[1.000]	mg/L	15:00:23
3	Cr 205.560	6131.9	6165.2	[1.000]	mg/L	15:00:23
3	Cr 267.716	23811.6	23664.4	[1.000]	mg/L	15:00:18
3	Cu 327.393	163281.0	175577.2	[1.000]	mg/L	15:00:18
3	Cu 324.752	335537.4	321493.0	[1.000]	mg/L	15:00:18
3	Fe 273.955	3041.9	3058.6	[1.000]	mg/L	15:00:23
3	Fe 259.939	28609.5	28575.9	[1.000]	mg/L	15:00:18
3	Fe 238.204	17268.0	17139.6	[1.000]	mg/L	15:00:18
3	K 766.490	466251.0	465678.3	[10.000]	mg/L	15:00:17
3	K 404.721	-13257.2	387.8	[10.000]	mg/L	15:00:18
3	Li 670.784	1375618.6	1376128.8	[1.000]	mg/L	15:00:15
3	Mg 285.213	233200.3	232443.3	[1.000]	mg/L	15:00:18
3	Mn 257.610	93904.3	93952.9	[1.000]	mg/L	15:00:18
3	Mo 202.031	3586.5	3580.5	[1.000]	mg/L	15:00:23
3	Na 589.592	2559.1	3163.1	[1.000]	mg/L	15:00:17
3	Na 330.237	870.5	1654.1	[1.000]	mg/L	15:00:23
3	Ni 231.604	7180.1	7079.8	[1.000]	mg/L	15:00:23
3	Pb 220.353	1829.0	1805.0	[1.000]	mg/L	15:00:23
3	Pb 217.000	777.3	776.8	[1.000]	mg/L	15:00:23
3	Sb 206.836	1645.0	1625.8	[1.000]	mg/L	15:00:23
3	Se 196.026	756.1	749.0	[1.000]	mg/L	15:00:23
3	Se 203.985	974.2	1034.3	[1.000]	mg/L	15:00:23
3	Si 251.611	11811.8	11577.2	[0.500]	mg/L	15:00:18
3	Ti 334.940	158890.5	159888.1	[1.000]	mg/L	15:00:18

3	Tl 276.787	1491.7	1362.7	[1.000]	mg/L	15:00:23
3	Tl 190.801	258.4	279.9	[1.000]	mg/L	15:00:23
3	V 290.880	32665.3	23396.2	[1.000]	mg/L	15:00:18
3	V 292.402	44047.1	43922.4	[1.000]	mg/L	15:00:18
3	Zn 206.200	5715.7	5703.9	[1.000]	mg/L	15:00:23
3	Zn 213.857	34860.0	34527.6	[1.000]	mg/L	15:00:18

Mean Data: 3

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	116439.5	1389.23	1.19%	[1.000]	mg/L
Ag 338.289	41001.6	481.77	1.18%	[1.000]	mg/L
Al 308.215	15417.3	404.38	2.62%	[1.000]	mg/L
Al 396.153	1640.0	133.22	8.12%	[1.000]	mg/L
As 188.979	616.1	7.68	1.25%	[1.000]	mg/L
As 193.696	749.0	14.45	1.93%	[1.000]	mg/L
B 182.528	349.2	3.36	0.96%	[1.000]	mg/L
B 249.677	22627.2	285.46	1.26%	[1.000]	mg/L
Ba 233.527	10719.4	46.29	0.43%	[1.000]	mg/L
Be 313.107	1496584.7	16011.53	1.07%	[1.000]	mg/L
Be 234.861	304616.7	3313.37	1.09%	[1.000]	mg/L
Ca 317.933	18730.3	258.78	1.38%	[1.000]	mg/L
Cd 228.802	8645.5	32.67	0.38%	[1.000]	mg/L
Cd 214.440	13812.5	196.37	1.42%	[1.000]	mg/L
Co 228.616	5173.8	29.56	0.57%	[1.000]	mg/L
Cr 205.560	6178.8	18.35	0.30%	[1.000]	mg/L
Cr 267.716	23465.0	358.09	1.53%	[1.000]	mg/L
Cu 327.393	174009.9	2135.33	1.23%	[1.000]	mg/L
Cu 324.752	318539.6	3918.36	1.23%	[1.000]	mg/L
Fe 273.955	3060.6	20.82	0.68%	[1.000]	mg/L
Fe 259.939	28314.8	384.60	1.36%	[1.000]	mg/L
Fe 238.204	16927.7	283.51	1.67%	[1.000]	mg/L
K 766.490	472231.8	12411.08	2.63%	[10.000]	mg/L
K 404.721	346.0	36.28	10.48%	[10.000]	mg/L
The standards were not analyzed in the same order as the entered (actual) concentrations.					
Li 670.784	1393498.7	15164.19	1.09%	[1.000]	mg/L
Mg 285.213	230614.6	3181.30	1.38%	[1.000]	mg/L
Mn 257.610	93352.9	1124.16	1.20%	[1.000]	mg/L
Mo 202.031	3584.7	30.70	0.86%	[1.000]	mg/L
Na 589.592	3058.5	117.57	3.84%	[1.000]	mg/L
Na 330.237	1647.4	7.54	0.46%	[1.000]	mg/L
Ni 231.604	7125.1	39.43	0.55%	[1.000]	mg/L
Pb 220.353	1815.9	15.60	0.86%	[1.000]	mg/L
Pb 217.000	786.8	8.81	1.12%	[1.000]	mg/L
Sb 206.836	1622.2	5.00	0.31%	[1.000]	mg/L
Se 196.026	745.1	4.23	0.57%	[1.000]	mg/L
Se 203.985	1043.8	20.77	1.99%	[1.000]	mg/L
Si 251.611	11501.0	114.66	1.00%	[0.500]	mg/L
Ti 334.940	158735.1	1982.89	1.25%	[1.000]	mg/L
Tl 276.787	1364.1	3.64	0.27%	[1.000]	mg/L
Tl 190.801	284.4	4.08	1.43%	[1.000]	mg/L
V 290.880	23123.1	412.62	1.78%	[1.000]	mg/L
V 292.402	43618.7	572.75	1.31%	[1.000]	mg/L
Zn 206.200	5716.7	13.94	0.24%	[1.000]	mg/L
Zn 213.857	34542.8	390.43	1.13%	[1.000]	mg/L

==========

Sequence No.: 5
Sample ID: 4
Analyst:
Nebulizer Back Pressure: 342.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 7/15/02 3:01:01 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: 4

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc.	Calib. Units	Analysis Time
1	Ag 328.068	291720.1	291946.5	[2.500]	mg/L	15:02:44
1	Ag 338.289	102934.0	102992.1	[2.500]	mg/L	15:02:44
1	Al 308.215	65346.7	32036.1	[2.500]	mg/L	15:02:44
1	Al 396.153	4585.7	4510.2	[2.500]	mg/L	15:02:44

1	As 188.979	1497.7	1496.8	[2.500]	mg/L	15:02:50
1	As 193.696	1815.4	1830.9	[2.500]	mg/L	15:02:50
1	B 182.528	844.0	851.7	[2.500]	mg/L	15:02:50
1	B 249.677	55449.8	55363.4	[2.500]	mg/L	15:02:44
1	Ba 233.527	26872.6	26931.8	[2.500]	mg/L	15:02:50
1	Be 313.107	3729154.2	3588644.3	[2.500]	mg/L	15:02:44
1	Be 234.861	733567.1	733892.8	[2.500]	mg/L	15:02:44
1	Ca 317.933	46534.0	46575.8	[2.500]	mg/L	15:02:44
1	Cd 228.802	21708.3	21705.8	[2.500]	mg/L	15:02:50
1	Cd 214.440	33402.7	33166.6	[2.500]	mg/L	15:02:50
1	Co 228.616	13058.6	13166.9	[2.500]	mg/L	15:02:50
1	Cr 205.560	15467.8	15501.1	[2.500]	mg/L	15:02:50
1	Cr 267.716	57607.6	57460.5	[2.500]	mg/L	15:02:44
1	Cu 327.393	423768.5	436064.7	[2.500]	mg/L	15:02:44
1	Cu 324.752	813779.6	799735.2	[2.500]	mg/L	15:02:44
1	Fe 273.955	7665.7	7682.4	[2.500]	mg/L	15:02:50
1	Fe 259.939	69881.1	69847.5	[2.500]	mg/L	15:02:44
1	Fe 238.204	41849.3	41721.0	[2.500]	mg/L	15:02:44
1	K 766.490	1339569.3	1338996.6	[25.000]	mg/L	15:02:42
1	K 404.721	-13961.8	-316.8	[25.000]	mg/L	15:02:44
1	Li 670.784	Saturated2	Saturated2			15:02:50
Saturated in preshot (code 2)						
1	Mg 285.213	599795.6	599038.5	[2.500]	mg/L	15:02:44
1	Mn 257.610	229757.8	229806.5	[2.500]	mg/L	15:02:44
1	Mo 202.031	8960.4	8954.4	[2.500]	mg/L	15:02:50
1	Na 589.592	7054.3	7658.4	[2.500]	mg/L	15:02:44
1	Na 330.237	3214.7	3998.4	[2.500]	mg/L	15:02:50
1	Ni 231.604	18114.0	18013.7	[2.500]	mg/L	15:02:50
1	Pb 220.353	4791.3	4767.4	[2.500]	mg/L	15:02:50
1	Pb 217.000	2005.6	2005.1	[2.500]	mg/L	15:02:50
1	Sb 206.836	4032.3	4013.1	[2.500]	mg/L	15:02:50
1	Se 196.026	1810.4	1803.3	[2.500]	mg/L	15:02:50
1	Se 203.985	2515.3	2575.4	[2.500]	mg/L	15:02:50
1	Si 251.611	27127.5	26892.9	[1.250]	mg/L	15:02:44
1	Ti 334.940	395766.6	396764.2	[2.500]	mg/L	15:02:44
1	Tl 276.787	3677.4	3548.4	[2.500]	mg/L	15:02:50
1	Tl 190.801	770.1	791.6	[2.500]	mg/L	15:02:50
1	V 290.880	63783.1	54513.9	[2.500]	mg/L	15:02:44
1	V 292.402	106758.9	106634.3	[2.500]	mg/L	15:02:44
1	Zn 206.200	13617.6	13605.8	[2.500]	mg/L	15:02:50
1	Zn 213.857	80438.3	80106.0	[2.500]	mg/L	15:02:44
2	Ag 328.068	293339.7	293566.1	[2.500]	mg/L	15:02:54
2	Ag 338.289	103310.6	103368.7	[2.500]	mg/L	15:02:54
2	Al 308.215	64871.9	31561.3	[2.500]	mg/L	15:02:54
2	Al 396.153	4502.7	4427.2	[2.500]	mg/L	15:02:54
2	As 188.979	1504.5	1503.5	[2.500]	mg/L	15:03:01
2	As 193.696	1811.2	1826.7	[2.500]	mg/L	15:03:01
2	B 182.528	832.8	840.4	[2.500]	mg/L	15:03:01
2	B 249.677	55550.3	55463.9	[2.500]	mg/L	15:02:54
2	Ba 233.527	26905.4	26964.6	[2.500]	mg/L	15:03:01
2	Be 313.107	3740184.2	3599674.4	[2.500]	mg/L	15:02:54
2	Be 234.861	735478.8	735804.5	[2.500]	mg/L	15:02:54
2	Ca 317.933	46760.0	46801.7	[2.500]	mg/L	15:02:54
2	Cd 228.802	21701.9	21699.5	[2.500]	mg/L	15:03:01
2	Cd 214.440	33417.9	33181.8	[2.500]	mg/L	15:03:01
2	Co 228.616	13068.0	13176.3	[2.500]	mg/L	15:03:01
2	Cr 205.560	15468.7	15502.0	[2.500]	mg/L	15:03:01
2	Cr 267.716	58003.7	57856.5	[2.500]	mg/L	15:02:54
2	Cu 327.393	422610.3	434906.5	[2.500]	mg/L	15:02:54
2	Cu 324.752	807984.3	793940.0	[2.500]	mg/L	15:02:54
2	Fe 273.955	7698.0	7714.7	[2.500]	mg/L	15:03:01
2	Fe 259.939	69717.7	69684.1	[2.500]	mg/L	15:02:54
2	Fe 238.204	41716.5	41588.1	[2.500]	mg/L	15:02:54
2	K 766.490	1355891.8	1355319.1	[25.000]	mg/L	15:02:52
2	K 404.721	-14180.1	-535.1	[25.000]	mg/L	15:02:54
2	Li 670.784	Saturated2	Saturated2			15:03:01
Saturated in preshot (code 2)						
2	Mg 285.213	599028.7	598271.7	[2.500]	mg/L	15:02:54
2	Mn 257.610	230599.0	230647.7	[2.500]	mg/L	15:02:54
2	Mo 202.031	9010.6	9004.6	[2.500]	mg/L	15:03:01
2	Na 589.592	7249.2	7853.2	[2.500]	mg/L	15:02:54
2	Na 330.237	3306.1	4089.8	[2.500]	mg/L	15:03:01
2	Ni 231.604	18143.2	18042.9	[2.500]	mg/L	15:03:01

2	Pb 220.353	4770.4	4746.4	[2.500]	mg/L	15:03:01
2	Pb 217.000	1985.3	1984.8	[2.500]	mg/L	15:03:01
2	Sb 206.836	4046.2	4027.0	[2.500]	mg/L	15:03:01
2	Se 196.026	1808.7	1801.6	[2.500]	mg/L	15:03:01
2	Se 203.985	2533.4	2593.5	[2.500]	mg/L	15:03:01
2	Si 251.611	27053.6	26819.0	[1.250]	mg/L	15:02:54
2	Ti 334.940	396112.1	397109.7	[2.500]	mg/L	15:02:54
2	Tl 276.787	3696.0	3567.0	[2.500]	mg/L	15:03:01
2	Tl 190.801	744.9	766.5	[2.500]	mg/L	15:03:01
2	V 290.880	63712.2	54443.1	[2.500]	mg/L	15:02:54
2	V 292.402	107303.3	107178.6	[2.500]	mg/L	15:02:54
2	Zn 206.200	13642.0	13630.3	[2.500]	mg/L	15:03:01
2	Zn 213.857	80746.2	80413.9	[2.500]	mg/L	15:02:54
3	Ag 328.068	293913.8	294140.1	[2.500]	mg/L	15:03:05
3	Ag 338.289	103734.5	103792.6	[2.500]	mg/L	15:03:05
3	Al 308.215	64843.6	31533.0	[2.500]	mg/L	15:03:05
3	Al 396.153	4347.2	4271.6	[2.500]	mg/L	15:03:05
3	As 188.979	1506.1	1505.1	[2.500]	mg/L	15:03:11
3	As 193.696	1800.5	1816.0	[2.500]	mg/L	15:03:11
3	B 182.528	852.5	860.2	[2.500]	mg/L	15:03:11
3	B 249.677	55713.2	55626.8	[2.500]	mg/L	15:03:05
3	Ba 233.527	26797.6	26856.7	[2.500]	mg/L	15:03:11
3	Be 313.107	3751707.0	3611197.1	[2.500]	mg/L	15:03:05
3	Be 234.861	735794.1	736119.8	[2.500]	mg/L	15:03:05
3	Ca 317.933	47107.7	47149.4	[2.500]	mg/L	15:03:05
3	Cd 228.802	21714.1	21711.6	[2.500]	mg/L	15:03:11
3	Cd 214.440	33342.5	33106.4	[2.500]	mg/L	15:03:11
3	Co 228.616	13058.0	13166.3	[2.500]	mg/L	15:03:11
3	Cr 205.560	15458.7	15492.0	[2.500]	mg/L	15:03:11
3	Cr 267.716	58412.7	58265.5	[2.500]	mg/L	15:03:05
3	Cu 327.393	420627.6	432923.8	[2.500]	mg/L	15:03:05
3	Cu 324.752	805328.6	791284.3	[2.500]	mg/L	15:03:05
3	Fe 273.955	7695.5	7712.2	[2.500]	mg/L	15:03:11
3	Fe 259.939	69917.8	69884.2	[2.500]	mg/L	15:03:05
3	Fe 238.204	41970.2	41841.8	[2.500]	mg/L	15:03:05
3	K 766.490	1320508.7	1319936.0	[25.000]	mg/L	15:03:02
3	K 404.721	-14267.8	-622.8	[25.000]	mg/L	15:03:05
3	Li 670.784	Saturated2	Saturated2			15:03:11
Saturated in preshot (code 2)						
3	Mg 285.213	598897.3	598140.3	[2.500]	mg/L	15:03:05
3	Mn 257.610	231513.5	231562.1	[2.500]	mg/L	15:03:05
3	Mo 202.031	9023.5	9017.5	[2.500]	mg/L	15:03:11
3	Na 589.592	6611.1	7215.2	[2.500]	mg/L	15:03:05
3	Na 330.237	3330.8	4114.5	[2.500]	mg/L	15:03:11
3	Ni 231.604	18127.2	18026.9	[2.500]	mg/L	15:03:11
3	Pb 220.353	4778.6	4754.6	[2.500]	mg/L	15:03:11
3	Pb 217.000	2007.3	2006.8	[2.500]	mg/L	15:03:11
3	Sb 206.836	4041.3	4022.1	[2.500]	mg/L	15:03:11
3	Se 196.026	1804.1	1797.0	[2.500]	mg/L	15:03:11
3	Se 203.985	2523.9	2584.0	[2.500]	mg/L	15:03:11
3	Si 251.611	27094.1	26859.5	[1.250]	mg/L	15:03:05
3	Ti 334.940	396548.3	397545.9	[2.500]	mg/L	15:03:05
3	Tl 276.787	3695.1	3566.1	[2.500]	mg/L	15:03:11
3	Tl 190.801	735.0	756.5	[2.500]	mg/L	15:03:11
3	V 290.880	63963.8	54694.7	[2.500]	mg/L	15:03:05
3	V 292.402	107597.5	107472.8	[2.500]	mg/L	15:03:05
3	Zn 206.200	13611.5	13599.8	[2.500]	mg/L	15:03:11
3	Zn 213.857	81046.3	80714.0	[2.500]	mg/L	15:03:05

Mean Data: 4

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	293217.6	1137.61	0.39%	[2.500]	mg/L
Ag 338.289	103384.5	400.46	0.39%	[2.500]	mg/L
Al 308.215	31710.1	282.63	0.89%	[2.500]	mg/L
Al 396.153	4403.0	121.10	2.75%	[2.500]	mg/L
As 188.979	1501.8	4.43	0.30%	[2.500]	mg/L
As 193.696	1824.5	7.66	0.42%	[2.500]	mg/L
B 182.528	850.8	9.91	1.16%	[2.500]	mg/L
B 249.677	55484.7	132.95	0.24%	[2.500]	mg/L
Ba 233.527	26917.7	55.30	0.21%	[2.500]	mg/L
Be 313.107	3599838.6	11277.30	0.31%	[2.500]	mg/L

Be 234.861	735272.4	1205.09	0.16%	[2.500]	mg/L
Ca 317.933	46842.3	288.95	0.62%	[2.500]	mg/L
Cd 228.802	21705.6	6.08	0.03%	[2.500]	mg/L
Cd 214.440	33151.6	39.89	0.12%	[2.500]	mg/L
Co 228.616	13169.8	5.60	0.04%	[2.500]	mg/L
Cr 205.560	15498.4	5.55	0.04%	[2.500]	mg/L
Cr 267.716	57860.8	402.55	0.70%	[2.500]	mg/L
Cu 327.393	434631.7	1588.41	0.37%	[2.500]	mg/L
Cu 324.752	794986.5	4321.60	0.54%	[2.500]	mg/L
Fe 273.955	7703.1	17.96	0.23%	[2.500]	mg/L
Fe 259.939	69805.3	106.54	0.15%	[2.500]	mg/L
Fe 238.204	41717.0	126.87	0.30%	[2.500]	mg/L
K 766.490	1338083.9	17709.18	1.32%	[25.000]	mg/L
K 404.721	-491.6	157.57	32.05%	[25.000]	mg/L

The standards were not analyzed in the same order as the entered (actual) concentrations.

Li 670.784 Saturated2

Saturated in preshot (code 2)

Mg 285.213	598483.5	485.14	0.08%	[2.500]	mg/L
Mn 257.610	230672.1	878.08	0.38%	[2.500]	mg/L
Mo 202.031	8992.2	33.35	0.37%	[2.500]	mg/L
Na 589.592	7575.6	326.96	4.32%	[2.500]	mg/L
Na 330.237	4067.5	61.17	1.50%	[2.500]	mg/L
Ni 231.604	18027.8	14.61	0.08%	[2.500]	mg/L
Pb 220.353	4756.2	10.55	0.22%	[2.500]	mg/L
Pb 217.000	1998.9	12.23	0.61%	[2.500]	mg/L
Sb 206.836	4020.7	7.03	0.17%	[2.500]	mg/L
Se 196.026	1800.6	3.28	0.18%	[2.500]	mg/L
Se 203.985	2584.3	9.04	0.35%	[2.500]	mg/L
Si 251.611	26857.2	36.99	0.14%	[1.250]	mg/L
Ti 334.940	397139.9	391.70	0.10%	[2.500]	mg/L
Tl 276.787	3560.5	10.50	0.29%	[2.500]	mg/L
Tl 190.801	771.5	18.12	2.35%	[2.500]	mg/L
V 290.880	54550.6	129.75	0.24%	[2.500]	mg/L
V 292.402	107095.2	425.44	0.40%	[2.500]	mg/L
Zn 206.200	13612.0	16.16	0.12%	[2.500]	mg/L
Zn 213.857	80411.3	304.02	0.38%	[2.500]	mg/L

==========

Sequence No.: 6 **Autosampler Location: 7**
Sample ID: 5 **Date Collected: 7/15/02 3:03:50 PM**
Analyst:
Nebulizer Back Pressure: 340.0 kPa **Nebulizer Flow: 0.85 L/min**
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Replicate Data: 5

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc.	Calib. Units	Analysis Time
1	Ca 317.933	199729.2	199771.0	[10.000]	mg/L	15:05:29
1	Mg 285.213	2252889.8	2252132.7	[10.000]	mg/L	15:05:29
2	Ca 317.933	196842.0	196883.7	[10.000]	mg/L	15:05:31
2	Mg 285.213	2218169.4	2217412.4	[10.000]	mg/L	15:05:31
3	Ca 317.933	197919.4	197961.2	[10.000]	mg/L	15:05:32
3	Mg 285.213	2241476.5	2240719.4	[10.000]	mg/L	15:05:32

Mean Data: 5

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ca 317.933	198205.3	1459.02	0.74%	[10.000]	mg/L
Mg 285.213	2236754.8	17696.46	0.79%	[10.000]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	4	Lin, Calc Int	-866.7	117500	0.00000	0.999981	
Ag 338.289	4	Lin, Calc Int	-337.0	41440	0.00000	0.999976	
Al 308.215	4	Lin, Calc Int	3015.4	11700	0.00000	0.987632	
Al 396.153	4	Lin, Calc Int	-23.1	1752	0.00000	0.999105	
As 188.979	4	Lin, Calc Int	5.0	600.7	0.00000	0.999927	
As 193.696	4	Lin, Calc Int	-3.4	733.4	0.00000	0.999878	

B 182.528	4	Lin, Calc Int	2.2	340.6	0.00000	0.999909
B 249.677	4	Lin, Calc Int	49.7	22220	0.00000	0.999961
Ba 233.527	4	Lin, Calc Int	-7.3	10760	0.00000	0.999998
Be 313.107	4	Lin, Calc Int	26503.6	1436000	0.00000	0.999865
Be 234.861	4	Lin, Calc Int	4686.0	293500	0.00000	0.999865
Ca 317.933	5	Lin, Calc Int	-487.4	19810	0.00000	0.999850
Cd 228.802	4	Lin, Calc Int	-18.6	8685	0.00000	0.999998
Cd 214.440	4	Lin, Calc Int	112.0	13280	0.00000	0.999844
Co 228.616	4	Lin, Calc Int	-50.4	5277	0.00000	0.999970
Cr 205.560	4	Lin, Calc Int	-14.1	6203	0.00000	0.999999
Cr 267.716	4	Lin, Calc Int	-41.8	23190	0.00000	0.999956
Cu 327.393	4	Lin, Calc Int	-497.2	174100	0.00000	0.999997
Cu 324.752	4	Lin, Calc Int	1470.5	317400	0.00000	0.999995
Fe 273.955	4	Lin, Calc Int	96.7	3030	0.00000	0.999230
Fe 259.939	4	Lin, Calc Int	1007.4	27480	0.00000	0.999449
Fe 238.204	4	Lin, Calc Int	544.2	16440	0.00000	0.999339
K 766.490	4	Lin, Calc Int	-11140.0	52910	0.00000	0.997006
K 404.721	4	Lin, Calc Int	0.0	0.0000	0.00000	-0.710365
Li 670.784	3	Lin, Calc Int	-33134.4	1394000	0.00000	0.997357
Mg 285.213	5	Lin, Calc Int	9549.6	223400	0.00000	0.999844
Mn 257.610	4	Lin, Calc Int	241.9	92280	0.00000	0.999986
Mo 202.031	4	Lin, Calc Int	-6.8	3597	0.00000	0.999985
Na 589.592	4	Lin, Calc Int	-168.4	3092	0.00000	0.997894
Na 330.237	4	Lin, Calc Int	53.9	1606	0.00000	0.999740
Ni 231.604	4	Lin, Calc Int	-32.2	7214	0.00000	0.999988
Pb 220.353	4	Lin, Calc Int	-43.0	1909	0.00000	0.999782
Pb 217.000	4	Lin, Calc Int	-4.5	799.4	0.00000	0.999950
Sb 206.836	4	Lin, Calc Int	-2.7	1611	0.00000	0.999986
Se 196.026	4	Lin, Calc Int	5.6	720.9	0.00000	0.999893
Se 203.985	4	Lin, Calc Int	-5.6	1038	0.00000	0.999957
Si 251.611	4	Lin, Calc Int	303.7	21420	0.00000	0.999577
Ti 334.940	4	Lin, Calc Int	38.6	158800	0.00000	0.999999
Tl 276.787	4	Lin, Calc Int	-29.3	1429	0.00000	0.999828
Tl 190.801	4	Lin, Calc Int	-12.9	311.0	0.00000	0.999404
V 290.880	4	Lin, Calc Int	1023.8	21530	0.00000	0.999541
V 292.402	4	Lin, Calc Int	121.5	42880	0.00000	0.999968
Zn 206.200	3	Lin, Calc Int	237.7	5383	0.00000	0.999393
Zn 213.857	3	Lin, Calc Int	1683.9	31770	0.00000	0.999129

Sequence No.: 7
Sample ID: icv/ccv
Analyst:
Nebulizer Back Pressure: 340.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 7/15/02 3:06:11 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: icv/ccv

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	113777.3	114003.7	0.978	mg/L	0.978	mg/L	15:07:55
1	Ag 338.289	40213.5	40271.6	0.980	mg/L	0.980	mg/L	15:07:55
1	Al 308.215	47856.1	14545.5	0.985	mg/L	0.985	mg/L	15:07:55
1	Al 396.153	1682.6	1607.1	0.930	mg/L	0.930	mg/L	15:07:55
1	As 188.979	585.5	584.5	0.965	mg/L	0.965	mg/L	15:08:00
1	As 193.696	707.2	722.7	0.990	mg/L	0.990	mg/L	15:08:00
1	B 182.528	343.3	351.0	1.02	mg/L	1.02	mg/L	15:08:00
1	B 249.677	23259.7	23173.2	1.04	mg/L	1.04	mg/L	15:07:55
1	Ba 233.527	10566.6	10625.7	0.988	mg/L	0.988	mg/L	15:08:00
1	Be 313.107	1594529.4	1454019.6	0.994	mg/L	0.994	mg/L	15:07:53
1	Be 234.861	298943.4	299269.1	1.00	mg/L	1.00	mg/L	15:07:55
1	Ca 317.933	18033.9	18075.6	0.937	mg/L	0.937	mg/L	15:07:55
1	Cd 228.802	8465.9	8463.4	0.977	mg/L	0.977	mg/L	15:08:00
1	Cd 214.440	13372.1	13136.0	0.981	mg/L	0.981	mg/L	15:08:00
1	Co 228.616	4944.9	5053.1	0.967	mg/L	0.967	mg/L	15:08:00
1	Cr 205.560	6042.3	6075.6	0.982	mg/L	0.982	mg/L	15:08:00
1	Cr 267.716	22922.4	22775.2	0.984	mg/L	0.984	mg/L	15:07:55
1	Cu 327.393	156399.9	168696.1	0.972	mg/L	0.972	mg/L	15:07:55
1	Cu 324.752	323097.6	309053.3	0.969	mg/L	0.969	mg/L	15:07:55
1	Fe 273.955	2940.5	2957.2	0.944	mg/L	0.944	mg/L	15:08:00
1	Fe 259.939	27389.5	27355.9	0.959	mg/L	0.959	mg/L	15:07:55
1	Fe 238.204	16344.6	16216.2	0.953	mg/L	0.953	mg/L	15:07:55

1	K 766.490	430394.5	429821.8	8.33 mg/L	8.33 mg/L	15:07:53
1	K 404.721	-13149.4	495.5	0.000 mg/L	0.000 mg/L	15:07:55
1	Li 670.784	1272178.3	1272688.4	0.937 mg/L	0.937 mg/L	15:07:5[illegible]
1	Mg 285.213	225546.8	224789.7	0.963 mg/L	0.963 mg/L	15:07:[illegible]
1	Mn 257.610	90812.8	90861.5	0.982 mg/L	0.982 mg/L	15:07:55
1	Mo 202.031	3523.5	3517.5	0.980 mg/L	0.980 mg/L	15:08:00
1	Na 589.592	1958.0	2562.1	0.883 mg/L	0.883 mg/L	15:07:53
1	Na 330.237	795.6	1579.3	0.950 mg/L	0.950 mg/L	15:08:00
1	Ni 231.604	7033.6	6933.3	0.966 mg/L	0.966 mg/L	15:08:00
1	Pb 220.353	1784.4	1760.4	0.945 mg/L	0.945 mg/L	15:08:00
1	Pb 217.000	739.5	739.0	0.930 mg/L	0.930 mg/L	15:08:00
1	Sb 206.836	1549.2	1530.1	0.951 mg/L	0.951 mg/L	15:08:00
1	Se 196.026	722.8	715.7	0.985 mg/L	0.985 mg/L	15:08:00
1	Se 203.985	948.5	1008.6	0.977 mg/L	0.977 mg/L	15:08:00
1	Si 251.611	11516.9	11282.4	0.513 mg/L	0.513 mg/L	15:07:55
1	Ti 334.940	152480.6	153478.3	0.966 mg/L	0.966 mg/L	15:07:55
1	Tl 276.787	1443.7	1314.7	0.941 mg/L	0.941 mg/L	15:08:00
1	Tl 190.801	250.2	271.7	0.915 mg/L	0.915 mg/L	15:08:00
1	V 290.880	31600.4	22331.2	0.990 mg/L	0.990 mg/L	15:07:55
1	V 292.402	42501.8	42377.1	0.986 mg/L	0.986 mg/L	15:07:55
1	Zn 206.200	5635.7	5624.0	1.00 mg/L	1.00 mg/L	15:08:00
1	Zn 213.857	34196.3	33863.9	1.01 mg/L	1.01 mg/L	15:07:55
2	Ag 328.068	112519.0	112745.3	0.967 mg/L	0.967 mg/L	15:08:04
2	Ag 338.289	39822.7	39880.8	0.971 mg/L	0.971 mg/L	15:08:04
2	Al 308.215	47460.2	14149.6	0.951 mg/L	0.951 mg/L	15:08:04
2	Al 396.153	1636.5	1561.0	0.904 mg/L	0.904 mg/L	15:08:04
2	As 188.979	594.4	593.4	0.979 mg/L	0.979 mg/L	15:08:09
2	As 193.696	720.9	736.4	1.01 mg/L	1.01 mg/L	15:08:09
2	B 182.528	344.6	352.3	1.03 mg/L	1.03 mg/L	15:08:09
2	B 249.677	22748.3	22661.8	1.02 mg/L	1.02 mg/L	15:08:04
2	Ba 233.527	10585.9	10645.1	0.990 mg/L	0.990 mg/L	15:08:09
2	Be 313.107	1618289.7	1477779.9	1.01 mg/L	1.01 mg/L	15:08:03
2	Be 234.861	295448.6	295774.3	0.992 mg/L	0.992 mg/L	15:08:04
2	Ca 317.933	17829.6	17871.3	0.927 mg/L	0.927 mg/L	15:08:04
2	Cd 228.802	8510.9	8508.5	0.982 mg/L	0.982 mg/L	15:08:09
2	Cd 214.440	13435.0	13198.8	0.986 mg/L	0.986 mg/L	15:08:0[illegible]
2	Co 228.616	4934.5	5042.7	0.965 mg/L	0.965 mg/L	15:08:[illegible]
2	Cr 205.560	6074.0	6107.3	0.987 mg/L	0.987 mg/L	15:08:09
2	Cr 267.716	22823.2	22676.1	0.980 mg/L	0.980 mg/L	15:08:04
2	Cu 327.393	152344.2	164640.4	0.949 mg/L	0.949 mg/L	15:08:04
2	Cu 324.752	316297.5	302253.1	0.948 mg/L	0.948 mg/L	15:08:04
2	Fe 273.955	2941.5	2958.2	0.944 mg/L	0.944 mg/L	15:08:09
2	Fe 259.939	27005.1	26971.5	0.945 mg/L	0.945 mg/L	15:08:04
2	Fe 238.204	16301.1	16172.7	0.951 mg/L	0.951 mg/L	15:08:04
2	K 766.490	438873.3	438300.6	8.49 mg/L	8.49 mg/L	15:08:03
2	K 404.721	-13264.7	380.3	0.000 mg/L	0.000 mg/L	15:08:04
2	Li 670.784	1311228.9	1311739.1	0.965 mg/L	0.965 mg/L	15:08:02
2	Mg 285.213	221509.0	220751.9	0.945 mg/L	0.945 mg/L	15:08:04
2	Mn 257.610	89732.4	89781.0	0.970 mg/L	0.970 mg/L	15:08:04
2	Mo 202.031	3543.6	3537.6	0.985 mg/L	0.985 mg/L	15:08:09
2	Na 589.592	1878.8	2482.8	0.857 mg/L	0.857 mg/L	15:08:03
2	Na 330.237	825.4	1609.1	0.968 mg/L	0.968 mg/L	15:08:09
2	Ni 231.604	7095.2	6994.8	0.974 mg/L	0.974 mg/L	15:08:09
2	Pb 220.353	1803.2	1779.2	0.955 mg/L	0.955 mg/L	15:08:09
2	Pb 217.000	738.1	737.6	0.928 mg/L	0.928 mg/L	15:08:09
2	Sb 206.836	1587.6	1568.4	0.975 mg/L	0.975 mg/L	15:08:09
2	Se 196.026	723.8	716.7	0.986 mg/L	0.986 mg/L	15:08:09
2	Se 203.985	925.3	985.4	0.955 mg/L	0.955 mg/L	15:08:09
2	Si 251.611	11133.6	10899.1	0.495 mg/L	0.495 mg/L	15:08:04
2	Ti 334.940	150388.0	151385.6	0.953 mg/L	0.953 mg/L	15:08:04
2	Tl 276.787	1451.1	1322.1	0.946 mg/L	0.946 mg/L	15:08:09
2	Tl 190.801	247.9	269.5	0.908 mg/L	0.908 mg/L	15:08:09
2	V 290.880	31277.2	22008.1	0.975 mg/L	0.975 mg/L	15:08:04
2	V 292.402	41855.6	41730.9	0.970 mg/L	0.970 mg/L	15:08:04
2	Zn 206.200	5637.7	5625.9	1.00 mg/L	1.00 mg/L	15:08:09
2	Zn 213.857	33590.1	33257.7	0.994 mg/L	0.994 mg/L	15:08:04
3	Ag 328.068	112775.6	113001.9	0.969 mg/L	0.969 mg/L	15:08:14
3	Ag 338.289	39706.4	39764.5	0.968 mg/L	0.968 mg/L	15:08:14
3	Al 308.215	47935.9	14625.3	0.992 mg/L	0.992 mg/L	15:08:1[illegible]
3	Al 396.153	1597.4	1521.9	0.882 mg/L	0.882 mg/L	15:08:1[illegible]
3	As 188.979	589.6	588.6	0.972 mg/L	0.972 mg/L	15:08:19
3	As 193.696	698.9	714.4	0.979 mg/L	0.979 mg/L	15:08:19
3	B 182.528	350.1	357.7	1.04 mg/L	1.04 mg/L	15:08:19

3	B 249.677	23073.1	22986.6	1.03 mg/L	1.03 mg/L	15:08:14
3	Ba 233.527	10584.5	10643.7	0.990 mg/L	0.990 mg/L	15:08:19
3	Be 313.107	1620321.2	1479811.3	1.01 mg/L	1.01 mg/L	15:08:12
3	Be 234.861	295731.0	296056.7	0.993 mg/L	0.993 mg/L	15:08:14
3	Ca 317.933	18063.5	18105.3	0.939 mg/L	0.939 mg/L	15:08:14
3	Cd 228.802	8516.2	8513.7	0.982 mg/L	0.982 mg/L	15:08:19
3	Cd 214.440	13443.4	13207.3	0.986 mg/L	0.986 mg/L	15:08:19
3	Co 228.616	4955.8	5064.0	0.969 mg/L	0.969 mg/L	15:08:19
3	Cr 205.560	6085.1	6118.4	0.989 mg/L	0.989 mg/L	15:08:19
3	Cr 267.716	22747.6	22600.4	0.976 mg/L	0.976 mg/L	15:08:14
3	Cu 327.393	154852.3	167148.5	0.963 mg/L	0.963 mg/L	15:08:14
3	Cu 324.752	320084.8	306040.4	0.960 mg/L	0.960 mg/L	15:08:14
3	Fe 273.955	2917.1	2933.8	0.936 mg/L	0.936 mg/L	15:08:19
3	Fe 259.939	26960.5	26926.9	0.943 mg/L	0.943 mg/L	15:08:14
3	Fe 238.204	16165.7	16037.3	0.942 mg/L	0.942 mg/L	15:08:14
3	K 766.490	448115.1	447542.4	8.67 mg/L	8.67 mg/L	15:08:12
3	K 404.721	-13165.0	480.0	0.000 mg/L	0.000 mg/L	15:08:14
3	Li 670.784	1316907.4	1317417.6	0.969 mg/L	0.969 mg/L	15:08:11
3	Mg 285.213	223421.4	222664.4	0.954 mg/L	0.954 mg/L	15:08:14
3	Mn 257.610	90067.1	90115.7	0.974 mg/L	0.974 mg/L	15:08:14
3	Mo 202.031	3531.3	3525.3	0.982 mg/L	0.982 mg/L	15:08:19
3	Na 589.592	2372.4	2976.5	1.02 mg/L	1.02 mg/L	15:08:12
3	Na 330.237	845.6	1629.2	0.981 mg/L	0.981 mg/L	15:08:19
3	Ni 231.604	7038.6	6938.3	0.966 mg/L	0.966 mg/L	15:08:19
3	Pb 220.353	1785.0	1761.1	0.945 mg/L	0.945 mg/L	15:08:19
3	Pb 217.000	728.8	728.3	0.917 mg/L	0.917 mg/L	15:08:19
3	Sb 206.836	1580.0	1560.8	0.971 mg/L	0.971 mg/L	15:08:19
3	Se 196.026	728.8	721.7	0.993 mg/L	0.993 mg/L	15:08:19
3	Se 203.985	938.4	998.5	0.968 mg/L	0.968 mg/L	15:08:19
3	Si 251.611	11260.2	11025.6	0.501 mg/L	0.501 mg/L	15:08:14
3	Ti 334.940	151279.6	152277.2	0.959 mg/L	0.959 mg/L	15:08:14
3	Tl 276.787	1462.6	1333.6	0.954 mg/L	0.954 mg/L	15:08:19
3	Tl 190.801	247.8	269.3	0.907 mg/L	0.907 mg/L	15:08:19
3	V 290.880	31329.3	22060.1	0.977 mg/L	0.977 mg/L	15:08:14
3	V 292.402	42096.7	41972.0	0.976 mg/L	0.976 mg/L	15:08:14
3	Zn 206.200	5675.6	5663.9	1.01 mg/L	1.01 mg/L	15:08:19
3	Zn 213.857	33729.2	33396.9	0.998 mg/L	0.998 mg/L	15:08:14

Mean Data: icv/ccv

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Ag 328.068	113250.3	0.971 mg/L	0.0057	0.971 mg/L	0.0057	0.58%
QC value within limits for Ag 328.068 Recovery = 97.11%						
Ag 338.289	39972.3	0.973 mg/L	0.0064	0.973 mg/L	0.0064	0.66%
QC value within limits for Ag 338.289 Recovery = 97.28%						
Al 308.215	14440.1	0.976 mg/L	0.0218	0.976 mg/L	0.0218	2.23%
QC value within limits for Al 308.215 Recovery = 97.61%						
Al 396.153	1563.3	0.905 mg/L	0.0243	0.905 mg/L	0.0243	2.69%
QC value within limits for Al 396.153 Recovery = 90.54%						
As 188.979	588.8	0.972 mg/L	0.0074	0.972 mg/L	0.0074	0.76%
QC value within limits for As 188.979 Recovery = 97.19%						
As 193.696	724.5	0.992 mg/L	0.0152	0.992 mg/L	0.0152	1.53%
QC value within limits for As 193.696 Recovery = 99.25%						
B 182.528	353.6	1.03 mg/L	0.011	1.03 mg/L	0.011	1.02%
QC value within limits for B 182.528 Recovery = 103.16%						
B 249.677	22940.6	1.03 mg/L	0.012	1.03 mg/L	0.012	1.13%
QC value within limits for B 249.677 Recovery = 103.01%						
Ba 233.527	10638.2	0.989 mg/L	0.0010	0.989 mg/L	0.0010	0.10%
QC value within limits for Ba 233.527 Recovery = 98.90%						
Be 313.107	1470536.9	1.01 mg/L	0.010	1.01 mg/L	0.010	0.99%
QC value within limits for Be 313.107 Recovery = 100.58%						
Be 234.861	297033.3	0.996 mg/L	0.0066	0.996 mg/L	0.0066	0.66%
QC value within limits for Be 234.861 Recovery = 99.59%						
Ca 317.933	18017.4	0.934 mg/L	0.0064	0.934 mg/L	0.0064	0.69%
QC value within limits for Ca 317.933 Recovery = 93.41%						
Cd 228.802	8495.2	0.980 mg/L	0.0032	0.980 mg/L	0.0032	0.32%
QC value within limits for Cd 228.802 Recovery = 98.03%						
Cd 214.440	13180.7	0.984 mg/L	0.0029	0.984 mg/L	0.0029	0.30%
QC value within limits for Cd 214.440 Recovery = 98.43%						
Co 228.616	5053.3	0.967 mg/L	0.0020	0.967 mg/L	0.0020	0.21%
QC value within limits for Co 228.616 Recovery = 96.71%						
Cr 205.560	6100.4	0.986 mg/L	0.0036	0.986 mg/L	0.0036	0.36%

```
   QC value within limits for Cr 205.560  Recovery = 98.58%
Cr 267.716            22683.9       0.980 mg/L        0.0038       0.980 mg/L        0.0038   0.39%
   QC value within limits for Cr 267.716  Recovery = 98.01%
Cu 327.393           166828.3       0.961 mg/L        0.0118       0.961 mg/L        0.0118   1.22
   QC value within limits for Cu 327.393  Recovery = 96.12%
Cu 324.752           305782.3       0.959 mg/L        0.0107       0.959 mg/L        0.0107   1.12%
   QC value within limits for Cu 324.752  Recovery = 95.87%
Fe 273.955             2949.7       0.942 mg/L        0.0046       0.942 mg/L        0.0046   0.48%
   QC value within limits for Fe 273.955  Recovery = 94.17%
Fe 259.939            27084.7       0.949 mg/L        0.0086       0.949 mg/L        0.0086   0.90%
   QC value within limits for Fe 259.939  Recovery = 94.89%
Fe 238.204            16142.1       0.949 mg/L        0.0057       0.949 mg/L        0.0057   0.60%
   QC value within limits for Fe 238.204  Recovery = 94.88%
K 766.490            438554.9        8.50 mg/L         0.168        8.50 mg/L         0.168   1.97%
   QC value less than the lower limit for K 766.490  Recovery = 84.99%
K 404.721               451.9       0.000 mg/L        0.0000       0.000 mg/L        0.0000   0.00%
   QC value less than the lower limit for K 404.721  Recovery = 0.00%
Li 670.784           1300615.0       0.957 mg/L        0.0175       0.957 mg/L        0.0175   1.83%
   QC value within limits for Li 670.784  Recovery = 95.68%
Mg 285.213           222735.3       0.954 mg/L        0.0090       0.954 mg/L        0.0090   0.95%
   QC value within limits for Mg 285.213  Recovery = 95.42%
Mn 257.610            90252.7       0.975 mg/L        0.0060       0.975 mg/L        0.0060   0.61%
   QC value within limits for Mn 257.610  Recovery = 97.55%
Mo 202.031             3526.8       0.982 mg/L        0.0028       0.982 mg/L        0.0028   0.29%
   QC value within limits for Mo 202.031  Recovery = 98.25%
Na 589.592             2673.8       0.919 mg/L        0.0857       0.919 mg/L        0.0857   9.33%
   QC value within limits for Na 589.592  Recovery = 91.92%
Na 330.237             1605.9       0.966 mg/L        0.0156       0.966 mg/L        0.0156   1.62%
   QC value within limits for Na 330.237  Recovery = 96.63%
Ni 231.604             6955.5       0.969 mg/L        0.0047       0.969 mg/L        0.0047   0.49%
   QC value within limits for Ni 231.604  Recovery = 96.86%
Pb 220.353             1766.9       0.948 mg/L        0.0056       0.948 mg/L        0.0056   0.59%
   QC value within limits for Pb 220.353  Recovery = 94.81%
Pb 217.000              735.0       0.925 mg/L        0.0073       0.925 mg/L        0.0073   0.79%
   QC value within limits for Pb 217.000  Recovery = 92.50%
Sb 206.836             1553.1       0.966 mg/L        0.0126       0.966 mg/L        0.0126   1.30
   QC value within limits for Sb 206.836  Recovery = 96.58%
Se 196.026              718.0       0.988 mg/L        0.0044       0.988 mg/L        0.0044   0.45%
   QC value within limits for Se 196.026  Recovery = 98.82%
Se 203.985              997.5       0.967 mg/L        0.0112       0.967 mg/L        0.0112   1.16%
   QC value within limits for Se 203.985  Recovery = 96.67%
Si 251.611            11069.0       0.503 mg/L        0.0091       0.503 mg/L        0.0091   1.81%
   QC value within limits for Si 251.611  Recovery = 100.53%
Ti 334.940           152380.4       0.959 mg/L        0.0066       0.959 mg/L        0.0066   0.69%
   QC value within limits for Ti 334.940  Recovery = 95.93%
Tl 276.787             1323.5       0.947 mg/L        0.0067       0.947 mg/L        0.0067   0.70%
   QC value within limits for Tl 276.787  Recovery = 94.68%
Tl 190.801              270.1       0.910 mg/L        0.0043       0.910 mg/L        0.0043   0.47%
   QC value within limits for Tl 190.801  Recovery = 91.03%
V 290.880             22133.2       0.980 mg/L        0.0081       0.980 mg/L        0.0081   0.82%
   QC value within limits for V 290.880  Recovery = 98.03%
V 292.402             42026.7       0.977 mg/L        0.0076       0.977 mg/L        0.0076   0.78%
   QC value within limits for V 292.402  Recovery = 97.74%
Zn 206.200             5637.9        1.00 mg/L         0.004        1.00 mg/L         0.004   0.42%
   QC value within limits for Zn 206.200  Recovery = 100.32%
Zn 213.857            33506.2        1.00 mg/L         0.010        1.00 mg/L         0.010   1.00%
   QC value within limits for Zn 213.857  Recovery = 100.17%
QC Failed.  Continue with analysis.
```

==========

Sequence No.: 8
Sample ID: int. chk. 1
Analyst:
Nebulizer Back Pressure: 341.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 7/15/02 3:08:59 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: int. chk. 1

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	Ag 328.068	-76.1	150.2	0.009	mg/L	0.009	mg/L	15:10:41
1	Ag 338.289	-297.6	-239.5	0.002	mg/L	0.002	mg/L	15:10:41

1	Al 308.215	36245.1	2934.4	-0.007 mg/L	-0.007 mg/L	15:10:36
1	Al 396.153	-111.0	-186.5	-0.093 mg/L	-0.093 mg/L	15:10:36
1	As 188.979	-4.0	-5.0	-0.017 mg/L	-0.017 mg/L	15:10:41
1	As 193.696	-20.1	-4.6	-0.002 mg/L	-0.002 mg/L	15:10:41
1	B 182.528	177.3	184.9	0.536 mg/L	0.536 mg/L	15:10:41
1	B 249.677	12105.1	12018.6	0.539 mg/L	0.539 mg/L	15:10:36
1	Ba 233.527	-51.1	8.1	0.001 mg/L	0.001 mg/L	15:10:41
1	Be 313.107	150963.5	10453.7	-0.011 mg/L	-0.011 mg/L	15:10:36
1	Be 234.861	-329.3	-3.6	-0.016 mg/L	-0.016 mg/L	15:10:41
1	Ca 317.933	21.5	63.2	0.028 mg/L	0.028 mg/L	15:10:36
1	Cd 228.802	12.3	9.8	0.003 mg/L	0.003 mg/L	15:10:41
1	Cd 214.440	261.5	25.4	-0.007 mg/L	-0.007 mg/L	15:10:41
1	Co 228.616	-112.0	-3.7	0.009 mg/L	0.009 mg/L	15:10:41
1	Cr 205.560	-48.9	-15.6	0.000 mg/L	0.000 mg/L	15:10:41
1	Cr 267.716	161.6	14.5	0.002 mg/L	0.002 mg/L	15:10:41
1	Cu 327.393	-13179.9	-883.7	-0.002 mg/L	-0.002 mg/L	15:10:36
1	Cu 324.752	16009.5	1965.2	0.002 mg/L	0.002 mg/L	15:10:36
1	Fe 273.955	-0.6	16.1	-0.027 mg/L	-0.027 mg/L	15:10:41
1	Fe 259.939	353.0	319.4	-0.025 mg/L	-0.025 mg/L	15:10:41
1	Fe 238.204	350.7	222.3	-0.020 mg/L	-0.020 mg/L	15:10:41
1	K 766.490	1105.6	532.9	0.221 mg/L	0.221 mg/L	15:10:36
1	K 404.721	-12959.0	686.0	0.000 mg/L	0.000 mg/L	15:10:36
1	Li 670.784	-134.8	375.4	0.024 mg/L	0.024 mg/L	15:10:36
1	Mg 285.213	935.2	178.2	-0.042 mg/L	-0.042 mg/L	15:10:36
1	Mn 257.610	10.7	59.3	-0.002 mg/L	-0.002 mg/L	15:10:41
1	Mo 202.031	1129.5	1123.5	0.314 mg/L	0.314 mg/L	15:10:41
1	Na 589.592	-617.4	-13.4	0.050 mg/L	0.050 mg/L	15:10:36
1	Na 330.237	-920.1	-136.4	-0.119 mg/L	-0.119 mg/L	15:10:41
1	Ni 231.604	120.1	19.8	0.007 mg/L	0.007 mg/L	15:10:41
1	Pb 220.353	19.3	-4.6	0.020 mg/L	0.020 mg/L	15:10:41
1	Pb 217.000	18.9	18.4	0.029 mg/L	0.029 mg/L	15:10:41
1	Sb 206.836	77.7	58.6	0.038 mg/L	0.038 mg/L	15:10:41
1	Se 196.026	11.8	4.7	-0.001 mg/L	-0.001 mg/L	15:10:41
1	Se 203.985	-87.2	-27.1	-0.021 mg/L	-0.021 mg/L	15:10:41
1	Si 251.611	5387.8	5153.3	0.226 mg/L	0.226 mg/L	15:10:41
1	Ti 334.940	147368.4	148366.1	0.934 mg/L	0.934 mg/L	15:10:36
1	Tl 276.787	128.2	-0.7	0.020 mg/L	0.020 mg/L	15:10:41
1	Tl 190.801	-28.9	-7.4	0.018 mg/L	0.018 mg/L	15:10:41
1	V 290.880	10197.0	927.9	-0.004 mg/L	-0.004 mg/L	15:10:36
1	V 292.402	142.8	18.1	-0.002 mg/L	-0.002 mg/L	15:10:41
1	Zn 206.200	10.6	-1.1	-0.044 mg/L	-0.044 mg/L	15:10:41
1	Zn 213.857	392.5	60.1	-0.051 mg/L	-0.051 mg/L	15:10:41
2	Ag 328.068	-105.2	121.1	0.008 mg/L	0.008 mg/L	15:10:48
2	Ag 338.289	-332.4	-274.3	0.002 mg/L	0.002 mg/L	15:10:48
2	Al 308.215	36439.4	3128.7	0.010 mg/L	0.010 mg/L	15:10:42
2	Al 396.153	6.9	-68.6	-0.026 mg/L	-0.026 mg/L	15:10:42
2	As 188.979	-10.2	-11.2	-0.027 mg/L	-0.027 mg/L	15:10:48
2	As 193.696	-28.1	-12.7	-0.013 mg/L	-0.013 mg/L	15:10:48
2	B 182.528	180.2	187.9	0.545 mg/L	0.545 mg/L	15:10:48
2	B 249.677	12194.8	12108.4	0.543 mg/L	0.543 mg/L	15:10:42
2	Ba 233.527	-70.8	-11.6	0.000 mg/L	0.000 mg/L	15:10:48
2	Be 313.107	149902.3	9392.5	-0.012 mg/L	-0.012 mg/L	15:10:42
2	Be 234.861	-312.0	13.7	-0.016 mg/L	-0.016 mg/L	15:10:48
2	Ca 317.933	62.1	103.9	0.030 mg/L	0.030 mg/L	15:10:42
2	Cd 228.802	7.8	5.4	0.003 mg/L	0.003 mg/L	15:10:48
2	Cd 214.440	268.7	32.6	-0.006 mg/L	-0.006 mg/L	15:10:48
2	Co 228.616	-114.2	-5.9	0.008 mg/L	0.008 mg/L	15:10:48
2	Cr 205.560	-27.8	5.6	0.003 mg/L	0.003 mg/L	15:10:48
2	Cr 267.716	181.6	34.4	0.003 mg/L	0.003 mg/L	15:10:48
2	Cu 327.393	-13054.3	-758.1	-0.001 mg/L	-0.001 mg/L	15:10:42
2	Cu 324.752	15961.3	1916.9	0.001 mg/L	0.001 mg/L	15:10:42
2	Fe 273.955	0.9	17.5	-0.026 mg/L	-0.026 mg/L	15:10:48
2	Fe 259.939	320.1	286.5	-0.026 mg/L	-0.026 mg/L	15:10:48
2	Fe 238.204	307.8	179.4	-0.022 mg/L	-0.022 mg/L	15:10:48
2	K 766.490	1222.6	649.9	0.223 mg/L	0.223 mg/L	15:10:42
2	K 404.721	-13137.4	507.5	0.000 mg/L	0.000 mg/L	15:10:42
2	Li 670.784	-65.1	445.1	0.024 mg/L	0.024 mg/L	15:10:42
2	Mg 285.213	921.6	164.6	-0.042 mg/L	-0.042 mg/L	15:10:42
2	Mn 257.610	-22.0	26.6	-0.002 mg/L	-0.002 mg/L	15:10:48
2	Mo 202.031	1128.9	1122.9	0.314 mg/L	0.314 mg/L	15:10:48
2	Na 589.592	-637.1	-33.1	0.044 mg/L	0.044 mg/L	15:10:42
2	Na 330.237	-898.2	-114.5	-0.105 mg/L	-0.105 mg/L	15:10:48
2	Ni 231.604	116.6	16.2	0.007 mg/L	0.007 mg/L	15:10:48

2	Pb 220.353	37.3	13.4	0.030 mg/L	0.030 mg/L	15:10:48
2	Pb 217.000	8.1	7.6	0.015 mg/L	0.015 mg/L	15:10:48
2	Sb 206.836	65.0	45.8	0.030 mg/L	0.030 mg/L	15:10:4[illegible]
2	Se 196.026	22.4	15.2	0.013 mg/L	0.013 mg/L	15:10:[illegible]
2	Se 203.985	-69.3	-9.2	-0.003 mg/L	-0.003 mg/L	15:10:48
2	Si 251.611	5527.4	5292.9	0.233 mg/L	0.233 mg/L	15:10:48
2	Ti 334.940	149393.8	150391.4	0.947 mg/L	0.947 mg/L	15:10:42
2	Tl 276.787	120.4	-8.6	0.014 mg/L	0.014 mg/L	15:10:48
2	Tl 190.801	-36.3	-14.8	-0.006 mg/L	-0.006 mg/L	15:10:48
2	V 290.880	10284.8	1015.7	0.000 mg/L	0.000 mg/L	15:10:42
2	V 292.402	146.6	21.9	-0.002 mg/L	-0.002 mg/L	15:10:48
2	Zn 206.200	7.3	-4.4	-0.045 mg/L	-0.045 mg/L	15:10:48
2	Zn 213.857	426.7	94.4	-0.050 mg/L	-0.050 mg/L	15:10:48
3	Ag 328.068	-98.5	127.9	0.008 mg/L	0.008 mg/L	15:10:54
3	Ag 338.289	-348.5	-290.4	0.001 mg/L	0.001 mg/L	15:10:54
3	Al 308.215	36626.7	3316.1	0.026 mg/L	0.026 mg/L	15:10:49
3	Al 396.153	43.6	-31.9	-0.005 mg/L	-0.005 mg/L	15:10:49
3	As 188.979	-1.4	-2.4	-0.012 mg/L	-0.012 mg/L	15:10:54
3	As 193.696	-29.2	-13.7	-0.014 mg/L	-0.014 mg/L	15:10:54
3	B 182.528	191.4	199.1	0.578 mg/L	0.578 mg/L	15:10:54
3	B 249.677	12375.3	12288.9	0.551 mg/L	0.551 mg/L	15:10:49
3	Ba 233.527	-70.8	-11.6	0.000 mg/L	0.000 mg/L	15:10:54
3	Be 313.107	151636.5	11126.6	-0.011 mg/L	-0.011 mg/L	15:10:49
3	Be 234.861	-333.8	-8.1	-0.016 mg/L	-0.016 mg/L	15:10:54
3	Ca 317.933	79.9	121.6	0.031 mg/L	0.031 mg/L	15:10:49
3	Cd 228.802	15.7	13.2	0.004 mg/L	0.004 mg/L	15:10:54
3	Cd 214.440	251.0	14.9	-0.007 mg/L	-0.007 mg/L	15:10:54
3	Co 228.616	-109.1	-0.8	0.009 mg/L	0.009 mg/L	15:10:54
3	Cr 205.560	-42.7	-9.4	0.001 mg/L	0.001 mg/L	15:10:54
3	Cr 267.716	163.9	16.7	0.003 mg/L	0.003 mg/L	15:10:54
3	Cu 327.393	-13306.9	-1010.7	-0.003 mg/L	-0.003 mg/L	15:10:49
3	Cu 324.752	16265.9	2221.5	0.002 mg/L	0.002 mg/L	15:10:49
3	Fe 273.955	7.2	23.9	-0.024 mg/L	-0.024 mg/L	15:10:54
3	Fe 259.939	352.9	319.3	-0.025 mg/L	-0.025 mg/L	15:10:54
3	Fe 238.204	334.8	206.4	-0.021 mg/L	-0.021 mg/L	15:10:54
3	K 766.490	1067.6	494.9	0.220 mg/L	0.220 mg/L	15:10:4[illegible]
3	K 404.721	-13103.4	541.6	0.000 mg/L	0.000 mg/L	15:10:[illegible]
3	Li 670.784	-195.3	314.9	0.024 mg/L	0.024 mg/L	15:10:49
3	Mg 285.213	968.5	211.4	-0.042 mg/L	-0.042 mg/L	15:10:49
3	Mn 257.610	1.3	50.0	-0.002 mg/L	-0.002 mg/L	15:10:54
3	Mo 202.031	1127.3	1121.3	0.314 mg/L	0.314 mg/L	15:10:54
3	Na 589.592	-694.0	-89.9	0.025 mg/L	0.025 mg/L	15:10:49
3	Na 330.237	-950.3	-166.6	-0.137 mg/L	-0.137 mg/L	15:10:54
3	Ni 231.604	125.8	25.5	0.008 mg/L	0.008 mg/L	15:10:54
3	Pb 220.353	18.0	-6.0	0.019 mg/L	0.019 mg/L	15:10:54
3	Pb 217.000	8.0	7.5	0.015 mg/L	0.015 mg/L	15:10:54
3	Sb 206.836	71.7	52.5	0.034 mg/L	0.034 mg/L	15:10:54
3	Se 196.026	12.7	5.6	0.000 mg/L	0.000 mg/L	15:10:54
3	Se 203.985	-70.1	-10.0	-0.004 mg/L	-0.004 mg/L	15:10:54
3	Si 251.611	5374.7	5140.2	0.226 mg/L	0.226 mg/L	15:10:54
3	Ti 334.940	150588.2	151585.8	0.954 mg/L	0.954 mg/L	15:10:49
3	Tl 276.787	124.2	-4.8	0.017 mg/L	0.017 mg/L	15:10:54
3	Tl 190.801	-46.7	-25.2	-0.039 mg/L	-0.039 mg/L	15:10:54
3	V 290.880	10369.4	1100.3	0.004 mg/L	0.004 mg/L	15:10:49
3	V 292.402	128.8	4.1	-0.003 mg/L	-0.003 mg/L	15:10:54
3	Zn 206.200	8.1	-3.7	-0.045 mg/L	-0.045 mg/L	15:10:54
3	Zn 213.857	407.0	74.6	-0.051 mg/L	-0.051 mg/L	15:10:54

Mean Data: int. chk. 1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	133.1	0.009	mg/L	0.0001	0.009	mg/L	0.0001	1.52%
Ag 338.289	-268.0	0.002	mg/L	0.0006	0.002	mg/L	0.0006	37.68%
Al 308.215	3126.4	0.009	mg/L	0.0163	0.009	mg/L	0.0163	171.95%
Al 396.153	-95.7	-0.041	mg/L	0.0461	-0.041	mg/L	0.0461	111.33%
As 188.979	-6.2	-0.019	mg/L	0.0076	-0.019	mg/L	0.0076	40.64%
As 193.696	-10.3	-0.009	mg/L	0.0068	-0.009	mg/L	0.0068	72.12%
B 182.528	190.6	0.553	mg/L	0.0220	0.553	mg/L	0.0220	3.9[illegible]
B 249.677	12138.6	0.544	mg/L	0.0062	0.544	mg/L	0.0062	1.14%
Ba 233.527	-5.0	0.000	mg/L	0.0011	0.000	mg/L	0.0011	502.28%
Be 313.107	10324.3	-0.011	mg/L	0.0006	-0.011	mg/L	0.0006	5.40%
Be 234.861	0.7	-0.016	mg/L	0.0000	-0.016	mg/L	0.0000	0.25%

Ca 317.933	96.2	0.029 mg/L	0.0015	0.029 mg/L	0.0015	5.13%
Cd 228.802	9.5	0.003 mg/L	0.0005	0.003 mg/L	0.0005	14.00%
Cd 214.440	24.3	-0.007 mg/L	0.0007	-0.007 mg/L	0.0007	10.17%
Co 228.616	-3.5	0.009 mg/L	0.0005	0.009 mg/L	0.0005	5.49%
Cr 205.560	-6.5	0.001 mg/L	0.0018	0.001 mg/L	0.0018	141.85%
Cr 267.716	21.9	0.003 mg/L	0.0005	0.003 mg/L	0.0005	17.13%
Cu 327.393	-884.2	-0.002 mg/L	0.0007	-0.002 mg/L	0.0007	32.64%
Cu 324.752	2034.6	0.002 mg/L	0.0005	0.002 mg/L	0.0005	29.03%
Fe 273.955	19.2	-0.026 mg/L	0.0014	-0.026 mg/L	0.0014	5.37%
Fe 259.939	308.4	-0.025 mg/L	0.0007	-0.025 mg/L	0.0007	2.72%
Fe 238.204	202.7	-0.021 mg/L	0.0013	-0.021 mg/L	0.0013	6.35%
K 766.490	559.2	0.221 mg/L	0.0015	0.221 mg/L	0.0015	0.69%
K 404.721	578.4	0.000 mg/L	0.0000	0.000 mg/L	0.0000	0.00%
Li 670.784	378.5	0.024 mg/L	0.0000	0.024 mg/L	0.0000	0.19%
Mg 285.213	184.7	-0.042 mg/L	0.0001	-0.042 mg/L	0.0001	0.26%
Mn 257.610	45.3	-0.002 mg/L	0.0002	-0.002 mg/L	0.0002	8.57%
Mo 202.031	1122.6	0.314 mg/L	0.0003	0.314 mg/L	0.0003	0.10%
Na 589.592	-45.5	0.040 mg/L	0.0129	0.040 mg/L	0.0129	32.34%
Na 330.237	-139.2	-0.120 mg/L	0.0163	-0.120 mg/L	0.0163	13.55%
Ni 231.604	20.5	0.007 mg/L	0.0006	0.007 mg/L	0.0006	8.87%
Pb 220.353	0.9	0.023 mg/L	0.0057	0.023 mg/L	0.0057	24.59%
Pb 217.000	11.2	0.020 mg/L	0.0078	0.020 mg/L	0.0078	39.94%
Sb 206.836	52.3	0.034 mg/L	0.0040	0.034 mg/L	0.0040	11.60%
Se 196.026	8.5	0.004 mg/L	0.0081	0.004 mg/L	0.0081	202.38%
Se 203.985	-15.4	-0.009 mg/L	0.0097	-0.009 mg/L	0.0097	103.03%
Si 251.611	5195.4	0.228 mg/L	0.0040	0.228 mg/L	0.0040	1.73%
Ti 334.940	150114.4	0.945 mg/L	0.0102	0.945 mg/L	0.0102	1.08%
Tl 276.787	-4.7	0.017 mg/L	0.0027	0.017 mg/L	0.0027	15.91%
Tl 190.801	-15.8	-0.009 mg/L	0.0288	-0.009 mg/L	0.0288	312.52%
V 290.880	1014.6	0.000 mg/L	0.0040	0.000 mg/L	0.0040	938.64%
V 292.402	14.7	-0.002 mg/L	0.0002	-0.002 mg/L	0.0002	8.80%
Zn 206.200	-3.1	-0.045 mg/L	0.0003	-0.045 mg/L	0.0003	0.73%
Zn 213.857	76.4	-0.051 mg/L	0.0005	-0.051 mg/L	0.0005	1.07%

Sequence No.: 9
Sample ID: int. chk. 3
Analyst:
Nebulizer Back Pressure: 341.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 7/15/02 3:11:32 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: int. chk. 3

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	33494.5	33720.8	0.294	mg/L	0.294	mg/L	15:13:10
1	Ag 338.289	12007.9	12066.0	0.299	mg/L	0.299	mg/L	15:13:10
1	Al 308.215	35838.8	2528.2	-0.042	mg/L	-0.042	mg/L	15:13:10
1	Al 396.153	68.5	-7.0	0.009	mg/L	0.009	mg/L	15:13:10
1	As 188.979	624.9	623.9	1.03	mg/L	1.03	mg/L	15:13:16
1	As 193.696	732.9	748.3	1.03	mg/L	1.03	mg/L	15:13:16
1	B 182.528	17.8	25.4	0.068	mg/L	0.068	mg/L	15:13:16
1	B 249.677	1222.0	1135.6	0.049	mg/L	0.049	mg/L	15:13:16
1	Ba 233.527	3106.9	3166.1	0.295	mg/L	0.295	mg/L	15:13:16
1	Be 313.107	295255.6	154745.7	0.089	mg/L	0.089	mg/L	15:13:10
1	Be 234.861	31291.7	31617.4	0.092	mg/L	0.092	mg/L	15:13:10
1	Ca 317.933	21.5	63.3	0.028	mg/L	0.028	mg/L	15:13:10
1	Cd 228.802	2378.1	2375.7	0.276	mg/L	0.276	mg/L	15:13:16
1	Cd 214.440	4216.7	3980.6	0.291	mg/L	0.291	mg/L	15:13:16
1	Co 228.616	1358.6	1466.8	0.287	mg/L	0.287	mg/L	15:13:16
1	Cr 205.560	1794.1	1827.4	0.297	mg/L	0.297	mg/L	15:13:16
1	Cr 267.716	6699.6	6552.4	0.284	mg/L	0.284	mg/L	15:13:16
1	Cu 327.393	34826.3	47122.5	0.274	mg/L	0.274	mg/L	15:13:10
1	Cu 324.752	103319.7	89275.4	0.277	mg/L	0.277	mg/L	15:13:10
1	Fe 273.955	-115.8	-99.1	-0.065	mg/L	-0.065	mg/L	15:13:16
1	Fe 259.939	184.6	151.0	-0.031	mg/L	-0.031	mg/L	15:13:16
1	Fe 238.204	37.9	-90.4	-0.039	mg/L	-0.039	mg/L	15:13:16
1	K 766.490	832504.2	831931.5	15.9	mg/L	15.9	mg/L	15:13:09
1	K 404.721	-13256.3	388.6	0.000	mg/L	0.000	mg/L	15:13:10
1	Li 670.784	-95.1	415.1	0.024	mg/L	0.024	mg/L	15:13:10
1	Mg 285.213	588.2	-168.9	-0.044	mg/L	-0.044	mg/L	15:13:10
1	Mn 257.610	17552.2	17600.9	0.188	mg/L	0.188	mg/L	15:13:10

1	Mo 202.031	79.9	73.9	0.022 mg/L	0.022 mg/L	15:13:16
1	Na 589.592	-610.5	-6.5	0.052 mg/L	0.052 mg/L	15:13:10
1	Na 330.237	-353.3	430.3	0.234 mg/L	0.234 mg/L	15:13:1[illegible]
1	Ni 231.604	2174.5	2074.1	0.292 mg/L	0.292 mg/L	15:13:[illegible]
1	Pb 220.353	1734.4	1710.5	0.919 mg/L	0.919 mg/L	15:13:16
1	Pb 217.000	751.7	751.2	0.945 mg/L	0.945 mg/L	15:13:16
1	Sb 206.836	33.8	14.7	0.011 mg/L	0.011 mg/L	15:13:16
1	Se 196.026	368.8	361.7	0.494 mg/L	0.494 mg/L	15:13:16
1	Se 203.985	377.5	437.6	0.427 mg/L	0.427 mg/L	15:13:16
1	Si 251.611	272.8	38.2	-0.012 mg/L	-0.012 mg/L	15:13:16
1	Ti 334.940	-696.4	301.2	0.002 mg/L	0.002 mg/L	15:13:16
1	Tl 276.787	1465.5	1336.6	0.956 mg/L	0.956 mg/L	15:13:16
1	Tl 190.801	249.0	270.5	0.911 mg/L	0.911 mg/L	15:13:16
1	V 290.880	16259.8	6990.6	0.277 mg/L	0.277 mg/L	15:13:10
1	V 292.402	12238.5	12113.8	0.280 mg/L	0.280 mg/L	15:13:10
1	Zn 206.200	1803.1	1791.3	0.289 mg/L	0.289 mg/L	15:13:16
1	Zn 213.857	10934.6	10602.3	0.281 mg/L	0.281 mg/L	15:13:16
2	Ag 328.068	33644.5	33870.9	0.296 mg/L	0.296 mg/L	15:13:18
2	Ag 338.289	12202.5	12260.7	0.304 mg/L	0.304 mg/L	15:13:18
2	Al 308.215	36164.6	2854.0	-0.014 mg/L	-0.014 mg/L	15:13:18
2	Al 396.153	72.9	-2.7	0.012 mg/L	0.012 mg/L	15:13:18
2	As 188.979	599.1	598.1	0.987 mg/L	0.987 mg/L	15:13:24
2	As 193.696	716.6	732.1	1.00 mg/L	1.00 mg/L	15:13:24
2	B 182.528	15.9	23.5	0.062 mg/L	0.062 mg/L	15:13:24
2	B 249.677	1193.6	1107.2	0.048 mg/L	0.048 mg/L	15:13:24
2	Ba 233.527	3029.2	3088.4	0.288 mg/L	0.288 mg/L	15:13:24
2	Be 313.107	297266.2	156756.4	0.091 mg/L	0.091 mg/L	15:13:18
2	Be 234.861	31430.4	31756.1	0.092 mg/L	0.092 mg/L	15:13:18
2	Ca 317.933	-79.3	-37.6	0.023 mg/L	0.023 mg/L	15:13:18
2	Cd 228.802	2351.5	2349.0	0.273 mg/L	0.273 mg/L	15:13:24
2	Cd 214.440	4175.9	3939.8	0.288 mg/L	0.288 mg/L	15:13:24
2	Co 228.616	1350.9	1459.2	0.286 mg/L	0.286 mg/L	15:13:24
2	Cr 205.560	1745.0	1778.3	0.289 mg/L	0.289 mg/L	15:13:24
2	Cr 267.716	6613.4	6466.3	0.281 mg/L	0.281 mg/L	15:13:24
2	Cu 327.393	35788.8	48085.0	0.279 mg/L	0.279 mg/L	15:13:18
2	Cu 324.752	104028.3	89983.9	0.279 mg/L	0.279 mg/L	15:13:1[illegible]
2	Fe 273.955	-117.0	-100.4	-0.065 mg/L	-0.065 mg/L	15:13:2[illegible]
2	Fe 259.939	162.4	128.8	-0.032 mg/L	-0.032 mg/L	15:13:24
2	Fe 238.204	77.7	-50.7	-0.036 mg/L	-0.036 mg/L	15:13:24
2	K 766.490	825126.2	824553.5	15.8 mg/L	15.8 mg/L	15:13:17
2	K 404.721	-12976.8	668.2	0.000 mg/L	0.000 mg/L	15:13:18
2	Li 670.784	-199.3	310.9	0.024 mg/L	0.024 mg/L	15:13:18
2	Mg 285.213	479.5	-277.5	-0.044 mg/L	-0.044 mg/L	15:13:18
2	Mn 257.610	17565.7	17614.3	0.188 mg/L	0.188 mg/L	15:13:18
2	Mo 202.031	72.9	66.9	0.020 mg/L	0.020 mg/L	15:13:24
2	Na 589.592	-734.0	-129.9	0.012 mg/L	0.012 mg/L	15:13:18
2	Na 330.237	-373.3	410.3	0.222 mg/L	0.222 mg/L	15:13:24
2	Ni 231.604	2160.7	2060.3	0.290 mg/L	0.290 mg/L	15:13:24
2	Pb 220.353	1692.1	1668.2	0.896 mg/L	0.896 mg/L	15:13:24
2	Pb 217.000	740.6	740.1	0.931 mg/L	0.931 mg/L	15:13:24
2	Sb 206.836	46.3	27.1	0.018 mg/L	0.018 mg/L	15:13:24
2	Se 196.026	350.1	343.0	0.468 mg/L	0.468 mg/L	15:13:24
2	Se 203.985	387.7	447.8	0.437 mg/L	0.437 mg/L	15:13:24
2	Si 251.611	248.4	13.8	-0.014 mg/L	-0.014 mg/L	15:13:24
2	Ti 334.940	-732.8	264.9	0.001 mg/L	0.001 mg/L	15:13:24
2	Tl 276.787	1433.8	1304.8	0.934 mg/L	0.934 mg/L	15:13:24
2	Tl 190.801	242.5	264.1	0.891 mg/L	0.891 mg/L	15:13:24
2	V 290.880	16213.7	6944.6	0.275 mg/L	0.275 mg/L	15:13:18
2	V 292.402	12311.2	12186.5	0.281 mg/L	0.281 mg/L	15:13:18
2	Zn 206.200	1770.3	1758.6	0.283 mg/L	0.283 mg/L	15:13:24
2	Zn 213.857	10760.7	10428.3	0.275 mg/L	0.275 mg/L	15:13:24
3	Ag 328.068	34865.9	35092.3	0.306 mg/L	0.306 mg/L	15:13:26
3	Ag 338.289	12477.9	12536.0	0.311 mg/L	0.311 mg/L	15:13:26
3	Al 308.215	36868.5	3557.9	0.046 mg/L	0.046 mg/L	15:13:26
3	Al 396.153	90.2	14.7	0.022 mg/L	0.022 mg/L	15:13:26
3	As 188.979	603.4	602.4	0.994 mg/L	0.994 mg/L	15:13:32
3	As 193.696	729.5	745.0	1.02 mg/L	1.02 mg/L	15:13:32
3	B 182.528	15.9	23.5	0.063 mg/L	0.063 mg/L	15:13:32
3	B 249.677	1126.2	1039.7	0.045 mg/L	0.045 mg/L	15:13:3[illegible]
3	Ba 233.527	3086.3	3145.5	0.293 mg/L	0.293 mg/L	15:13:32
3	Be 313.107	304588.6	164078.8	0.096 mg/L	0.096 mg/L	15:13:26
3	Be 234.861	32528.7	32854.5	0.096 mg/L	0.096 mg/L	15:13:26
3	Ca 317.933	-45.4	-3.7	0.024 mg/L	0.024 mg/L	15:13:26

3	Cd 228.802	2358.0	2355.6	0.273 mg/L	0.273 mg/L	15:13:32
3	Cd 214.440	4226.8	3990.7	0.292 mg/L	0.292 mg/L	15:13:32
3	Co 228.616	1347.4	1455.7	0.285 mg/L	0.285 mg/L	15:13:32
3	Cr 205.560	1763.4	1796.7	0.292 mg/L	0.292 mg/L	15:13:32
3	Cr 267.716	6730.3	6583.1	0.286 mg/L	0.286 mg/L	15:13:32
3	Cu 327.393	37235.7	49531.9	0.287 mg/L	0.287 mg/L	15:13:26
3	Cu 324.752	108087.5	94043.1	0.292 mg/L	0.292 mg/L	15:13:26
3	Fe 273.955	-116.2	-99.5	-0.065 mg/L	-0.065 mg/L	15:13:32
3	Fe 259.939	152.4	118.8	-0.032 mg/L	-0.032 mg/L	15:13:32
3	Fe 238.204	69.3	-59.1	-0.037 mg/L	-0.037 mg/L	15:13:32
3	K 766.490	826983.5	826410.8	15.8 mg/L	15.8 mg/L	15:13:25
3	K 404.721	-13264.4	380.6	0.000 mg/L	0.000 mg/L	15:13:26
3	Li 670.784	-296.9	213.3	0.024 mg/L	0.024 mg/L	15:13:26
3	Mg 285.213	533.3	-223.8	-0.044 mg/L	-0.044 mg/L	15:13:26
3	Mn 257.610	18357.6	18406.2	0.197 mg/L	0.197 mg/L	15:13:26
3	Mo 202.031	69.8	63.8	0.020 mg/L	0.020 mg/L	15:13:32
3	Na 589.592	-495.0	109.1	0.090 mg/L	0.090 mg/L	15:13:26
3	Na 330.237	-341.6	442.0	0.242 mg/L	0.242 mg/L	15:13:32
3	Ni 231.604	2179.3	2079.0	0.293 mg/L	0.293 mg/L	15:13:32
3	Pb 220.353	1710.9	1686.9	0.906 mg/L	0.906 mg/L	15:13:32
3	Pb 217.000	761.7	761.2	0.958 mg/L	0.958 mg/L	15:13:32
3	Sb 206.836	45.9	26.7	0.018 mg/L	0.018 mg/L	15:13:32
3	Se 196.026	366.7	359.6	0.491 mg/L	0.491 mg/L	15:13:32
3	Se 203.985	369.5	429.6	0.419 mg/L	0.419 mg/L	15:13:32
3	Si 251.611	284.3	49.7	-0.012 mg/L	-0.012 mg/L	15:13:32
3	Ti 334.940	-699.6	298.0	0.002 mg/L	0.002 mg/L	15:13:32
3	Tl 276.787	1481.4	1352.4	0.967 mg/L	0.967 mg/L	15:13:32
3	Tl 190.801	253.6	275.2	0.926 mg/L	0.926 mg/L	15:13:32
3	V 290.880	16687.4	7418.2	0.297 mg/L	0.297 mg/L	15:13:26
3	V 292.402	12833.2	12708.5	0.294 mg/L	0.294 mg/L	15:13:26
3	Zn 206.200	1793.9	1782.2	0.287 mg/L	0.287 mg/L	15:13:32
3	Zn 213.857	10863.1	10530.8	0.278 mg/L	0.278 mg/L	15:13:32

Mean Data: int. chk. 3

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	34228.0	0.299	mg/L	0.0064	0.299	mg/L	0.0064	2.14%
Ag 338.289	12287.5	0.305	mg/L	0.0057	0.305	mg/L	0.0057	1.87%
Al 308.215	2980.0	-0.003	mg/L	0.0450	-0.003	mg/L	0.0450	>999.9%
Al 396.153	1.7	0.014	mg/L	0.0066	0.014	mg/L	0.0066	46.43%
As 188.979	608.1	1.00	mg/L	0.023	1.00	mg/L	0.023	2.29%
As 193.696	741.8	1.02	mg/L	0.012	1.02	mg/L	0.012	1.15%
B 182.528	24.2	0.064	mg/L	0.0033	0.064	mg/L	0.0033	5.06%
B 249.677	1094.2	0.047	mg/L	0.0022	0.047	mg/L	0.0022	4.71%
Ba 233.527	3133.3	0.292	mg/L	0.0037	0.292	mg/L	0.0037	1.28%
Be 313.107	158527.0	0.092	mg/L	0.0034	0.092	mg/L	0.0034	3.72%
Be 234.861	32076.0	0.093	mg/L	0.0023	0.093	mg/L	0.0023	2.47%
Ca 317.933	7.4	0.025	mg/L	0.0026	0.025	mg/L	0.0026	10.37%
Cd 228.802	2360.1	0.274	mg/L	0.0016	0.274	mg/L	0.0016	0.58%
Cd 214.440	3970.4	0.291	mg/L	0.0020	0.291	mg/L	0.0020	0.70%
Co 228.616	1460.6	0.286	mg/L	0.0011	0.286	mg/L	0.0011	0.38%
Cr 205.560	1800.8	0.293	mg/L	0.0040	0.293	mg/L	0.0040	1.37%
Cr 267.716	6533.9	0.284	mg/L	0.0026	0.284	mg/L	0.0026	0.92%
Cu 327.393	48246.5	0.280	mg/L	0.0070	0.280	mg/L	0.0070	2.49%
Cu 324.752	91100.8	0.282	mg/L	0.0081	0.282	mg/L	0.0081	2.87%
Fe 273.955	-99.7	-0.065	mg/L	0.0002	-0.065	mg/L	0.0002	0.32%
Fe 259.939	132.9	-0.032	mg/L	0.0006	-0.032	mg/L	0.0006	1.89%
Fe 238.204	-66.8	-0.037	mg/L	0.0013	-0.037	mg/L	0.0013	3.43%
K 766.490	827631.9	15.9	mg/L	0.07	15.9	mg/L	0.07	0.46%
K 404.721	479.1	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	313.1	0.024	mg/L	0.0001	0.024	mg/L	0.0001	0.30%
Mg 285.213	-223.4	-0.044	mg/L	0.0002	-0.044	mg/L	0.0002	0.56%
Mn 257.610	17873.8	0.191	mg/L	0.0050	0.191	mg/L	0.0050	2.62%
Mo 202.031	68.2	0.021	mg/L	0.0014	0.021	mg/L	0.0014	6.93%
Na 589.592	-9.1	0.052	mg/L	0.0387	0.052	mg/L	0.0387	75.05%
Na 330.237	427.6	0.233	mg/L	0.0100	0.233	mg/L	0.0100	4.29%
Ni 231.604	2071.2	0.292	mg/L	0.0013	0.292	mg/L	0.0013	0.46%
Pb 220.353	1688.5	0.907	mg/L	0.0111	0.907	mg/L	0.0111	1.22%
Pb 217.000	750.8	0.945	mg/L	0.0132	0.945	mg/L	0.0132	1.40%
Sb 206.836	22.8	0.016	mg/L	0.0044	0.016	mg/L	0.0044	27.75%
Se 196.026	354.8	0.484	mg/L	0.0142	0.484	mg/L	0.0142	2.94%
Se 203.985	438.3	0.428	mg/L	0.0087	0.428	mg/L	0.0087	2.04%

Si 251.611	33.9	-0.013 mg/L	0.0009	-0.013 mg/L	0.0009	6.80%
Ti 334.940	288.0	0.002 mg/L	0.0001	0.002 mg/L	0.0001	8.07%
Tl 276.787	1331.3	0.952 mg/L	0.0170	0.952 mg/L	0.0170	1.78%
Tl 190.801	269.9	0.909 mg/L	0.0179	0.909 mg/L	0.0179	1.97
V 290.880	7117.8	0.283 mg/L	0.0121	0.283 mg/L	0.0121	4.29
V 292.402	12336.3	0.285 mg/L	0.0076	0.285 mg/L	0.0076	2.66%
Zn 206.200	1777.4	0.286 mg/L	0.0031	0.286 mg/L	0.0031	1.10%
Zn 213.857	10520.4	0.278 mg/L	0.0028	0.278 mg/L	0.0028	0.99%

Sequence No.: 10 **Autosampler Location: 11**
Sample ID: int. chk. 4 **Date Collected: 7/15/02 3:14:09 PM**
Analyst:
Nebulizer Back Pressure: 341.0 kPa **Nebulizer Flow: 0.85 L/min**
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Replicate Data: int. chk. 4

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	-288.2	-61.8	0.007	mg/L	0.007	mg/L	15:15:53
1	Ag 338.289	72.4	130.5	0.011	mg/L	0.011	mg/L	15:15:53
1	Al 308.215	47592.0	14281.3	0.962	mg/L	0.962	mg/L	15:15:47
1	Al 396.153	1824.2	1748.7	1.01	mg/L	1.01	mg/L	15:15:47
1	As 188.979	7.5	6.5	0.003	mg/L	0.003	mg/L	15:15:53
1	As 193.696	-24.6	-9.1	-0.008	mg/L	-0.008	mg/L	15:15:53
1	B 182.528	6.3	13.9	0.034	mg/L	0.034	mg/L	15:15:53
1	B 249.677	560.0	473.5	0.019	mg/L	0.019	mg/L	15:15:53
1	Ba 233.527	-32.4	26.8	0.003	mg/L	0.003	mg/L	15:15:53
1	Be 313.107	155123.1	14613.3	-0.008	mg/L	-0.008	mg/L	15:15:47
1	Be 234.861	-8559.7	-8234.0	-0.044	mg/L	-0.044	mg/L	15:15:53
1	Ca 317.933	103959.3	104001.1	5.27	mg/L	5.27	mg/L	15:15:47
1	Cd 228.802	13.9	11.4	0.003	mg/L	0.003	mg/L	15:15:53
1	Cd 214.440	278.9	42.8	-0.005	mg/L	-0.005	mg/L	15:15:53
1	Co 228.616	-129.4	-21.1	0.006	mg/L	0.006	mg/L	15:15:53
1	Cr 205.560	-38.1	-4.8	0.001	mg/L	0.001	mg/L	15:15:5
1	Cr 267.716	162.3	15.1	0.002	mg/L	0.002	mg/L	15:15:
1	Cu 327.393	-13355.9	-1059.6	-0.003	mg/L	-0.003	mg/L	15:15:47
1	Cu 324.752	15706.6	1662.3	0.001	mg/L	0.001	mg/L	15:15:47
1	Fe 273.955	15729.6	15746.3	5.17	mg/L	5.17	mg/L	15:15:47
1	Fe 259.939	128515.0	128481.4	4.64	mg/L	4.64	mg/L	15:15:47
1	Fe 238.204	78621.5	78493.1	4.74	mg/L	4.74	mg/L	15:15:47
1	K 766.490	3395.1	2822.4	0.264	mg/L	0.264	mg/L	15:15:47
1	K 404.721	-15040.2	-1395.2	0.000	mg/L	0.000	mg/L	15:15:47
1	Li 670.784	-286.0	224.2	0.024	mg/L	0.024	mg/L	15:15:47
1	Mg 285.213	612746.2	611989.2	2.70	mg/L	2.70	mg/L	15:15:47
1	Mn 257.610	101.3	149.9	-0.001	mg/L	-0.001	mg/L	15:15:53
1	Mo 202.031	47.6	41.6	0.013	mg/L	0.013	mg/L	15:15:53
1	Na 589.592	1258.9	1863.0	0.657	mg/L	0.657	mg/L	15:15:47
1	Na 330.237	-368.2	415.5	0.225	mg/L	0.225	mg/L	15:15:53
1	Ni 231.604	100.1	-0.2	0.004	mg/L	0.004	mg/L	15:15:53
1	Pb 220.353	33.2	9.3	0.027	mg/L	0.027	mg/L	15:15:53
1	Pb 217.000	4.1	3.7	0.010	mg/L	0.010	mg/L	15:15:53
1	Sb 206.836	50.4	31.2	0.021	mg/L	0.021	mg/L	15:15:53
1	Se 196.026	11.5	4.4	-0.002	mg/L	-0.002	mg/L	15:15:53
1	Se 203.985	-100.8	-40.7	-0.034	mg/L	-0.034	mg/L	15:15:53
1	Si 251.611	251.6	17.0	-0.013	mg/L	-0.013	mg/L	15:15:53
1	Ti 334.940	-996.9	0.7	0.000	mg/L	0.000	mg/L	15:15:53
1	Tl 276.787	53.7	-75.3	-0.032	mg/L	-0.032	mg/L	15:15:53
1	Tl 190.801	-26.1	-4.6	0.027	mg/L	0.027	mg/L	15:15:53
1	V 290.880	10419.6	1150.5	0.006	mg/L	0.006	mg/L	15:15:47
1	V 292.402	261.5	136.9	0.000	mg/L	0.000	mg/L	15:15:53
1	Zn 206.200	394.7	383.0	0.027	mg/L	0.027	mg/L	15:15:53
1	Zn 213.857	2613.2	2280.8	0.019	mg/L	0.019	mg/L	15:15:53
2	Ag 328.068	-293.3	-67.0	0.007	mg/L	0.007	mg/L	15:16:00
2	Ag 338.289	54.2	112.3	0.011	mg/L	0.011	mg/L	15:16:00
2	Al 308.215	48367.0	15056.3	1.03	mg/L	1.03	mg/L	15:15:54
2	Al 396.153	1738.6	1663.1	0.962	mg/L	0.962	mg/L	15:15:5
2	As 188.979	0.4	-0.5	-0.009	mg/L	-0.009	mg/L	15:16:
2	As 193.696	-19.6	-4.1	-0.001	mg/L	-0.001	mg/L	15:16:00
2	B 182.528	2.6	10.2	0.024	mg/L	0.024	mg/L	15:16:00
2	B 249.677	558.3	471.8	0.019	mg/L	0.019	mg/L	15:16:00

2	Ba 233.527	-37.6	21.5	0.003 mg/L	0.003 mg/L	15:16:00
2	Be 313.107	156580.6	16070.8	-0.007 mg/L	-0.007 mg/L	15:15:54
2	Be 234.861	-8615.9	-8290.2	-0.044 mg/L	-0.044 mg/L	15:16:00
2	Ca 317.933	105078.2	105120.0	5.33 mg/L	5.33 mg/L	15:15:54
2	Cd 228.802	7.5	5.1	0.003 mg/L	0.003 mg/L	15:16:00
2	Cd 214.440	265.0	28.9	-0.006 mg/L	-0.006 mg/L	15:16:00
2	Co 228.616	-110.0	-1.8	0.009 mg/L	0.009 mg/L	15:16:00
2	Cr 205.560	-48.1	-14.8	0.000 mg/L	0.000 mg/L	15:16:00
2	Cr 267.716	171.8	24.6	0.003 mg/L	0.003 mg/L	15:16:00
2	Cu 327.393	-13426.7	-1130.5	-0.004 mg/L	-0.004 mg/L	15:15:54
2	Cu 324.752	15978.9	1934.6	0.001 mg/L	0.001 mg/L	15:15:54
2	Fe 273.955	16029.8	16046.4	5.26 mg/L	5.26 mg/L	15:15:54
2	Fe 259.939	131876.6	131843.0	4.76 mg/L	4.76 mg/L	15:15:54
2	Fe 238.204	80488.2	80359.9	4.86 mg/L	4.86 mg/L	15:15:54
2	K 766.490	3561.9	2989.2	0.267 mg/L	0.267 mg/L	15:15:54
2	K 404.721	-15014.0	-1369.0	0.000 mg/L	0.000 mg/L	15:15:54
2	Li 670.784	-549.7	-39.5	0.024 mg/L	0.024 mg/L	15:15:54
2	Mg 285.213	623939.3	623182.3	2.75 mg/L	2.75 mg/L	15:15:54
2	Mn 257.610	119.0	167.7	-0.001 mg/L	-0.001 mg/L	15:16:00
2	Mo 202.031	36.0	30.0	0.010 mg/L	0.010 mg/L	15:16:00
2	Na 589.592	1284.4	1888.4	0.665 mg/L	0.665 mg/L	15:15:54
2	Na 330.237	-360.7	423.0	0.230 mg/L	0.230 mg/L	15:16:00
2	Ni 231.604	118.3	17.9	0.007 mg/L	0.007 mg/L	15:16:00
2	Pb 220.353	38.1	14.1	0.030 mg/L	0.030 mg/L	15:16:00
2	Pb 217.000	15.0	14.5	0.024 mg/L	0.024 mg/L	15:16:00
2	Sb 206.836	42.2	23.0	0.016 mg/L	0.016 mg/L	15:16:00
2	Se 196.026	12.5	5.4	0.000 mg/L	0.000 mg/L	15:16:00
2	Se 203.985	-80.3	-20.2	-0.014 mg/L	-0.014 mg/L	15:16:00
2	Si 251.611	259.8	25.2	-0.013 mg/L	-0.013 mg/L	15:16:00
2	Ti 334.940	-1048.7	-51.0	-0.001 mg/L	-0.001 mg/L	15:16:00
2	Tl 276.787	53.8	-75.2	-0.032 mg/L	-0.032 mg/L	15:16:00
2	Tl 190.801	-32.1	-10.5	0.008 mg/L	0.008 mg/L	15:16:00
2	V 290.880	10355.9	1086.8	0.003 mg/L	0.003 mg/L	15:15:54
2	V 292.402	284.0	159.3	0.001 mg/L	0.001 mg/L	15:16:00
2	Zn 206.200	382.1	370.3	0.025 mg/L	0.025 mg/L	15:16:00
2	Zn 213.857	2587.5	2255.1	0.018 mg/L	0.018 mg/L	15:16:00
3	Ag 328.068	-335.9	-109.5	0.006 mg/L	0.006 mg/L	15:16:07
3	Ag 338.289	48.1	106.2	0.011 mg/L	0.011 mg/L	15:16:07
3	Al 308.215	48012.1	14701.5	0.998 mg/L	0.998 mg/L	15:16:01
3	Al 396.153	1757.0	1681.5	0.973 mg/L	0.973 mg/L	15:16:01
3	As 188.979	-10.1	-11.0	-0.027 mg/L	-0.027 mg/L	15:16:07
3	As 193.696	-17.3	-1.8	0.002 mg/L	0.002 mg/L	15:16:07
3	B 182.528	-0.1	7.6	0.016 mg/L	0.016 mg/L	15:16:07
3	B 249.677	535.7	449.3	0.018 mg/L	0.018 mg/L	15:16:07
3	Ba 233.527	-44.1	15.1	0.002 mg/L	0.002 mg/L	15:16:07
3	Be 313.107	155750.1	15240.3	-0.008 mg/L	-0.008 mg/L	15:16:01
3	Be 234.861	-8618.6	-8292.9	-0.044 mg/L	-0.044 mg/L	15:16:07
3	Ca 317.933	105710.1	105751.8	5.36 mg/L	5.36 mg/L	15:16:01
3	Cd 228.802	3.7	1.3	0.002 mg/L	0.002 mg/L	15:16:07
3	Cd 214.440	279.9	43.8	-0.005 mg/L	-0.005 mg/L	15:16:07
3	Co 228.616	-115.8	-7.5	0.008 mg/L	0.008 mg/L	15:16:07
3	Cr 205.560	-27.8	5.5	0.003 mg/L	0.003 mg/L	15:16:07
3	Cr 267.716	160.5	13.3	0.002 mg/L	0.002 mg/L	15:16:07
3	Cu 327.393	-13467.0	-1170.8	-0.004 mg/L	-0.004 mg/L	15:16:01
3	Cu 324.752	15834.8	1790.5	0.001 mg/L	0.001 mg/L	15:16:01
3	Fe 273.955	16060.7	16077.4	5.27 mg/L	5.27 mg/L	15:16:01
3	Fe 259.939	131612.7	131579.1	4.75 mg/L	4.75 mg/L	15:16:01
3	Fe 238.204	80825.1	80696.7	4.88 mg/L	4.88 mg/L	15:16:01
3	K 766.490	3363.5	2790.8	0.263 mg/L	0.263 mg/L	15:16:01
3	K 404.721	-14851.8	-1206.8	0.000 mg/L	0.000 mg/L	15:16:01
3	Li 670.784	-656.3	-146.2	0.024 mg/L	0.024 mg/L	15:16:01
3	Mg 285.213	623770.6	623013.6	2.75 mg/L	2.75 mg/L	15:16:01
3	Mn 257.610	79.4	128.0	-0.001 mg/L	-0.001 mg/L	15:16:07
3	Mo 202.031	28.5	22.5	0.008 mg/L	0.008 mg/L	15:16:07
3	Na 589.592	1249.4	1853.5	0.654 mg/L	0.654 mg/L	15:16:01
3	Na 330.237	-347.4	436.2	0.238 mg/L	0.238 mg/L	15:16:07
3	Ni 231.604	96.6	-3.7	0.004 mg/L	0.004 mg/L	15:16:07
3	Pb 220.353	27.9	4.0	0.025 mg/L	0.025 mg/L	15:16:07
3	Pb 217.000	8.4	8.0	0.016 mg/L	0.016 mg/L	15:16:07
3	Sb 206.836	41.4	22.2	0.015 mg/L	0.015 mg/L	15:16:07
3	Se 196.026	5.8	-1.3	-0.010 mg/L	-0.010 mg/L	15:16:07
3	Se 203.985	-99.9	-39.8	-0.033 mg/L	-0.033 mg/L	15:16:07
3	Si 251.611	263.0	28.4	-0.013 mg/L	-0.013 mg/L	15:16:07

3	Ti 334.940	-1035.1	-37.5	0.000	mg/L	0.000 mg/L	15:16:07
3	Tl 276.787	67.4	-61.6	-0.023	mg/L	-0.023 mg/L	15:16:07
3	Tl 190.801	-42.3	-20.8	-0.025	mg/L	-0.025 mg/L	15:16:07
3	V 290.880	10503.2	1234.1	0.010	mg/L	0.010 mg/L	15:16:
3	V 292.402	273.0	148.3	0.001	mg/L	0.001 mg/L	15:16:07
3	Zn 206.200	405.1	393.4	0.029	mg/L	0.029 mg/L	15:16:07
3	Zn 213.857	2604.0	2271.6	0.018	mg/L	0.018 mg/L	15:16:07

Mean Data: int. chk. 4

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-79.5	0.007	mg/L	0.0002	0.007	mg/L	0.0002	3.33%
Ag 338.289	116.3	0.011	mg/L	0.0003	0.011	mg/L	0.0003	2.78%
Al 308.215	14679.7	0.997	mg/L	0.0331	0.997	mg/L	0.0331	3.33%
Al 396.153	1697.8	0.982	mg/L	0.0257	0.982	mg/L	0.0257	2.62%
As 188.979	-1.7	-0.011	mg/L	0.0147	-0.011	mg/L	0.0147	132.17%
As 193.696	-5.0	-0.002	mg/L	0.0051	-0.002	mg/L	0.0051	238.42%
B 182.528	10.6	0.025	mg/L	0.0094	0.025	mg/L	0.0094	38.11%
B 249.677	464.9	0.019	mg/L	0.0006	0.019	mg/L	0.0006	3.26%
Ba 233.527	21.1	0.003	mg/L	0.0005	0.003	mg/L	0.0005	20.62%
Be 313.107	15308.1	-0.008	mg/L	0.0005	-0.008	mg/L	0.0005	6.53%
Be 234.861	-8272.4	-0.044	mg/L	0.0001	-0.044	mg/L	0.0001	0.26%
Ca 317.933	104957.7	5.32	mg/L	0.045	5.32	mg/L	0.045	0.84%
Cd 228.802	5.9	0.003	mg/L	0.0006	0.003	mg/L	0.0006	20.92%
Cd 214.440	38.5	-0.006	mg/L	0.0006	-0.006	mg/L	0.0006	11.38%
Co 228.616	-10.1	0.008	mg/L	0.0019	0.008	mg/L	0.0019	24.74%
Cr 205.560	-4.7	0.002	mg/L	0.0016	0.002	mg/L	0.0016	107.54%
Cr 267.716	17.7	0.003	mg/L	0.0003	0.003	mg/L	0.0003	10.23%
Cu 327.393	-1120.3	-0.004	mg/L	0.0003	-0.004	mg/L	0.0003	9.03%
Cu 324.752	1795.8	0.001	mg/L	0.0004	0.001	mg/L	0.0004	41.88%
Fe 273.955	15956.7	5.23	mg/L	0.060	5.23	mg/L	0.060	1.15%
Fe 259.939	130634.5	4.72	mg/L	0.068	4.72	mg/L	0.068	1.44%
Fe 238.204	79849.9	4.82	mg/L	0.072	4.82	mg/L	0.072	1.50%
K 766.490	2867.5	0.265	mg/L	0.0020	0.265	mg/L	0.0020	0.76%
K 404.721	-1323.7	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	12.9	0.024	mg/L	0.0001	0.024	mg/L	0.0001	0.5[illegible]
Mg 285.213	619395.0	2.73	mg/L	0.029	2.73	mg/L	0.029	1.05%
Mn 257.610	148.5	-0.001	mg/L	0.0002	-0.001	mg/L	0.0002	21.26%
Mo 202.031	31.4	0.011	mg/L	0.0027	0.011	mg/L	0.0027	25.20%
Na 589.592	1868.3	0.659	mg/L	0.0059	0.659	mg/L	0.0059	0.89%
Na 330.237	424.9	0.231	mg/L	0.0066	0.231	mg/L	0.0066	2.84%
Ni 231.604	4.7	0.005	mg/L	0.0016	0.005	mg/L	0.0016	31.50%
Pb 220.353	9.1	0.027	mg/L	0.0027	0.027	mg/L	0.0027	9.72%
Pb 217.000	8.7	0.017	mg/L	0.0069	0.017	mg/L	0.0069	41.53%
Sb 206.836	25.5	0.017	mg/L	0.0031	0.017	mg/L	0.0031	17.71%
Se 196.026	2.8	-0.004	mg/L	0.0050	-0.004	mg/L	0.0050	128.06%
Se 203.985	-33.6	-0.027	mg/L	0.0112	-0.027	mg/L	0.0112	41.52%
Si 251.611	23.6	-0.013	mg/L	0.0003	-0.013	mg/L	0.0003	2.10%
Ti 334.940	-29.3	0.000	mg/L	0.0002	0.000	mg/L	0.0002	39.53%
Tl 276.787	-70.7	-0.029	mg/L	0.0055	-0.029	mg/L	0.0055	18.99%
Tl 190.801	-12.0	0.003	mg/L	0.0263	0.003	mg/L	0.0263	865.59%
V 290.880	1157.1	0.006	mg/L	0.0034	0.006	mg/L	0.0034	55.41%
V 292.402	148.2	0.001	mg/L	0.0003	0.001	mg/L	0.0003	42.19%
Zn 206.200	382.2	0.027	mg/L	0.0021	0.027	mg/L	0.0021	7.99%
Zn 213.857	2269.2	0.018	mg/L	0.0004	0.018	mg/L	0.0004	2.23%

Sequence No.: 11
Sample ID: prep blk
Analyst:
Nebulizer Back Pressure: 340.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 12
Date Collected: 7/15/02 3:16:45 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: prep blk

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	-220.9	5.5	0.007	mg/L	0.007	mg/L	15:18:2[illegible]
1	Ag 338.289	-52.1	6.0	0.008	mg/L	0.008	mg/L	15:18:28
1	Al 308.215	35749.8	2439.1	-0.049	mg/L	-0.049	mg/L	15:18:23
1	Al 396.153	47.8	-27.7	-0.003	mg/L	-0.003	mg/L	15:18:23

1	As 188.979	6.9	5.9	0.002 mg/L	0.002 mg/L	15:18:28
1	As 193.696	-16.2	-0.7	0.004 mg/L	0.004 mg/L	15:18:28
1	B 182.528	2.9	10.6	0.025 mg/L	0.025 mg/L	15:18:28
1	B 249.677	507.3	420.9	0.017 mg/L	0.017 mg/L	15:18:28
1	Ba 233.527	-66.5	-7.3	0.000 mg/L	0.000 mg/L	15:18:28
1	Be 313.107	151815.0	11305.2	-0.011 mg/L	-0.011 mg/L	15:18:23
1	Be 234.861	-318.7	7.0	-0.016 mg/L	-0.016 mg/L	15:18:28
1	Ca 317.933	-169.7	-127.9	0.018 mg/L	0.018 mg/L	15:18:23
1	Cd 228.802	7.0	4.5	0.003 mg/L	0.003 mg/L	15:18:28
1	Cd 214.440	231.7	-4.4	-0.009 mg/L	-0.009 mg/L	15:18:28
1	Co 228.616	-106.7	1.6	0.010 mg/L	0.010 mg/L	15:18:28
1	Cr 205.560	-31.1	2.3	0.003 mg/L	0.003 mg/L	15:18:28
1	Cr 267.716	164.3	17.1	0.003 mg/L	0.003 mg/L	15:18:28
1	Cu 327.393	-13494.7	-1198.5	-0.004 mg/L	-0.004 mg/L	15:18:23
1	Cu 324.752	14846.4	802.0	-0.002 mg/L	-0.002 mg/L	15:18:23
1	Fe 273.955	-5.6	11.1	-0.028 mg/L	-0.028 mg/L	15:18:28
1	Fe 259.939	34.4	0.8	-0.037 mg/L	-0.037 mg/L	15:18:28
1	Fe 238.204	104.9	-23.5	-0.035 mg/L	-0.035 mg/L	15:18:28
1	K 766.490	244.5	-328.1	0.204 mg/L	0.204 mg/L	15:18:23
1	K 404.721	-13212.8	432.2	0.000 mg/L	0.000 mg/L	15:18:23
1	Li 670.784	-452.3	57.9	0.024 mg/L	0.024 mg/L	15:18:23
1	Mg 285.213	298.9	-458.1	-0.045 mg/L	-0.045 mg/L	15:18:23
1	Mn 257.610	-52.3	-3.7	-0.003 mg/L	-0.003 mg/L	15:18:28
1	Mo 202.031	14.2	8.2	0.004 mg/L	0.004 mg/L	15:18:28
1	Na 589.592	-745.7	-141.7	0.009 mg/L	0.009 mg/L	15:18:23
1	Na 330.237	-898.9	-115.3	-0.105 mg/L	-0.105 mg/L	15:18:28
1	Ni 231.604	125.2	24.8	0.008 mg/L	0.008 mg/L	15:18:28
1	Pb 220.353	43.9	20.0	0.033 mg/L	0.033 mg/L	15:18:28
1	Pb 217.000	19.5	19.0	0.029 mg/L	0.029 mg/L	15:18:28
1	Sb 206.836	21.4	2.2	0.003 mg/L	0.003 mg/L	15:18:28
1	Se 196.026	9.9	2.8	-0.004 mg/L	-0.004 mg/L	15:18:28
1	Se 203.985	-68.0	-7.9	-0.002 mg/L	-0.002 mg/L	15:18:28
1	Si 251.611	252.7	18.2	-0.013 mg/L	-0.013 mg/L	15:18:28
1	Ti 334.940	-1017.5	-19.8	0.000 mg/L	0.000 mg/L	15:18:28
1	Tl 276.787	115.8	-13.2	0.011 mg/L	0.011 mg/L	15:18:28
1	Tl 190.801	-15.9	5.6	0.060 mg/L	0.060 mg/L	15:18:28
1	V 290.880	10133.8	864.7	-0.007 mg/L	-0.007 mg/L	15:18:23
1	V 292.402	104.7	-20.0	-0.003 mg/L	-0.003 mg/L	15:18:28
1	Zn 206.200	-1.1	-12.9	-0.047 mg/L	-0.047 mg/L	15:18:28
1	Zn 213.857	317.5	-14.9	-0.053 mg/L	-0.053 mg/L	15:18:28
2	Ag 328.068	-232.2	-5.9	0.007 mg/L	0.007 mg/L	15:18:35
2	Ag 338.289	-70.2	-12.1	0.008 mg/L	0.008 mg/L	15:18:35
2	Al 308.215	35309.8	1999.1	-0.087 mg/L	-0.087 mg/L	15:18:30
2	Al 396.153	15.7	-59.8	-0.021 mg/L	-0.021 mg/L	15:18:30
2	As 188.979	-0.7	-1.6	-0.011 mg/L	-0.011 mg/L	15:18:35
2	As 193.696	-27.6	-12.2	-0.012 mg/L	-0.012 mg/L	15:18:35
2	B 182.528	-1.9	5.8	0.010 mg/L	0.010 mg/L	15:18:35
2	B 249.677	504.3	417.9	0.017 mg/L	0.017 mg/L	15:18:35
2	Ba 233.527	-61.1	-1.9	0.001 mg/L	0.001 mg/L	15:18:35
2	Be 313.107	150585.8	10076.0	-0.011 mg/L	-0.011 mg/L	15:18:30
2	Be 234.861	-322.1	3.6	-0.016 mg/L	-0.016 mg/L	15:18:35
2	Ca 317.933	-224.4	-182.6	0.015 mg/L	0.015 mg/L	15:18:30
2	Cd 228.802	-3.4	-5.9	0.001 mg/L	0.001 mg/L	15:18:35
2	Cd 214.440	236.0	-0.1	-0.008 mg/L	-0.008 mg/L	15:18:35
2	Co 228.616	-108.9	-0.6	0.009 mg/L	0.009 mg/L	15:18:35
2	Cr 205.560	-39.9	-6.6	0.001 mg/L	0.001 mg/L	15:18:35
2	Cr 267.716	132.8	-14.4	0.001 mg/L	0.001 mg/L	15:18:35
2	Cu 327.393	-13338.2	-1042.0	-0.003 mg/L	-0.003 mg/L	15:18:30
2	Cu 324.752	14695.3	651.0	-0.003 mg/L	-0.003 mg/L	15:18:30
2	Fe 273.955	-17.0	-0.3	-0.032 mg/L	-0.032 mg/L	15:18:35
2	Fe 259.939	38.8	5.2	-0.036 mg/L	-0.036 mg/L	15:18:35
2	Fe 238.204	137.6	9.3	-0.033 mg/L	-0.033 mg/L	15:18:35
2	K 766.490	499.8	-72.9	0.209 mg/L	0.209 mg/L	15:18:30
2	K 404.721	-13230.6	414.4	0.000 mg/L	0.000 mg/L	15:18:30
2	Li 670.784	-408.7	101.5	0.024 mg/L	0.024 mg/L	15:18:30
2	Mg 285.213	278.7	-478.4	-0.045 mg/L	-0.045 mg/L	15:18:30
2	Mn 257.610	-49.4	-0.8	-0.003 mg/L	-0.003 mg/L	15:18:35
2	Mo 202.031	12.2	6.2	0.004 mg/L	0.004 mg/L	15:18:35
2	Na 589.592	-644.2	-40.1	0.041 mg/L	0.041 mg/L	15:18:30
2	Na 330.237	-876.0	-92.3	-0.091 mg/L	-0.091 mg/L	15:18:35
2	Ni 231.604	85.7	-14.7	0.002 mg/L	0.002 mg/L	15:18:35
2	Pb 220.353	28.0	4.0	0.025 mg/L	0.025 mg/L	15:18:35
2	Pb 217.000	-2.7	-3.2	0.002 mg/L	0.002 mg/L	15:18:35

2	Sb 206.836	23.7	4.5	0.004 mg/L	0.004 mg/L	15:18:35
2	Se 196.026	12.7	5.6	0.000 mg/L	0.000 mg/L	15:18:35
2	Se 203.985	-89.7	-29.6	-0.023 mg/L	-0.023 mg/L	15:18:3[illegible]
2	Si 251.611	240.4	5.9	-0.014 mg/L	-0.014 mg/L	15:18:[illegible]
2	Ti 334.940	-1036.2	-38.6	0.000 mg/L	0.000 mg/L	15:18:35
2	Tl 276.787	135.6	6.6	0.025 mg/L	0.025 mg/L	15:18:35
2	Tl 190.801	-18.6	2.9	0.051 mg/L	0.051 mg/L	15:18:35
2	V 290.880	10082.6	813.4	-0.010 mg/L	-0.010 mg/L	15:18:30
2	V 292.402	127.9	3.2	-0.003 mg/L	-0.003 mg/L	15:18:35
2	Zn 206.200	14.3	2.6	-0.044 mg/L	-0.044 mg/L	15:18:35
2	Zn 213.857	309.3	-23.1	-0.054 mg/L	-0.054 mg/L	15:18:35
3	Ag 328.068	-262.6	-36.3	0.007 mg/L	0.007 mg/L	15:18:42
3	Ag 338.289	-64.7	-6.6	0.008 mg/L	0.008 mg/L	15:18:42
3	Al 308.215	34911.9	1601.3	-0.121 mg/L	-0.121 mg/L	15:18:36
3	Al 396.153	123.6	48.1	0.041 mg/L	0.041 mg/L	15:18:36
3	As 188.979	8.6	7.6	0.004 mg/L	0.004 mg/L	15:18:42
3	As 193.696	-17.7	-2.2	0.002 mg/L	0.002 mg/L	15:18:42
3	B 182.528	-7.1	0.5	-0.005 mg/L	-0.005 mg/L	15:18:42
3	B 249.677	506.3	419.9	0.017 mg/L	0.017 mg/L	15:18:42
3	Ba 233.527	-60.2	-1.0	0.001 mg/L	0.001 mg/L	15:18:42
3	Be 313.107	149298.2	8788.4	-0.012 mg/L	-0.012 mg/L	15:18:36
3	Be 234.861	-301.2	24.5	-0.016 mg/L	-0.016 mg/L	15:18:42
3	Ca 317.933	-151.8	-110.1	0.019 mg/L	0.019 mg/L	15:18:36
3	Cd 228.802	1.1	-1.4	0.002 mg/L	0.002 mg/L	15:18:42
3	Cd 214.440	239.7	3.6	-0.008 mg/L	-0.008 mg/L	15:18:42
3	Co 228.616	-108.8	-0.5	0.009 mg/L	0.009 mg/L	15:18:42
3	Cr 205.560	-46.8	-13.5	0.000 mg/L	0.000 mg/L	15:18:42
3	Cr 267.716	156.8	9.7	0.002 mg/L	0.002 mg/L	15:18:42
3	Cu 327.393	-13382.8	-1086.6	-0.003 mg/L	-0.003 mg/L	15:18:36
3	Cu 324.752	14439.8	395.5	-0.003 mg/L	-0.003 mg/L	15:18:36
3	Fe 273.955	-11.5	5.2	-0.030 mg/L	-0.030 mg/L	15:18:42
3	Fe 259.939	36.7	3.1	-0.037 mg/L	-0.037 mg/L	15:18:42
3	Fe 238.204	135.5	7.1	-0.033 mg/L	-0.033 mg/L	15:18:42
3	K 766.490	224.0	-348.7	0.204 mg/L	0.204 mg/L	15:18:36
3	K 404.721	-13371.1	273.9	0.000 mg/L	0.000 mg/L	15:18:36
3	Li 670.784	-513.9	-3.7	0.024 mg/L	0.024 mg/L	15:18:3[illegible]
3	Mg 285.213	267.3	-489.7	-0.045 mg/L	-0.045 mg/L	15:18:[illegible]
3	Mn 257.610	-46.3	2.4	-0.003 mg/L	-0.003 mg/L	15:18:42
3	Mo 202.031	7.8	1.8	0.002 mg/L	0.002 mg/L	15:18:42
3	Na 589.592	-646.8	-42.8	0.041 mg/L	0.041 mg/L	15:18:36
3	Na 330.237	-834.0	-50.4	-0.065 mg/L	-0.065 mg/L	15:18:42
3	Ni 231.604	88.2	-12.2	0.003 mg/L	0.003 mg/L	15:18:42
3	Pb 220.353	17.9	-6.0	0.019 mg/L	0.019 mg/L	15:18:42
3	Pb 217.000	4.6	4.1	0.011 mg/L	0.011 mg/L	15:18:42
3	Sb 206.836	35.2	16.0	0.012 mg/L	0.012 mg/L	15:18:42
3	Se 196.026	17.6	10.5	0.007 mg/L	0.007 mg/L	15:18:42
3	Se 203.985	-70.6	-10.5	-0.005 mg/L	-0.005 mg/L	15:18:42
3	Si 251.611	235.2	0.6	-0.014 mg/L	-0.014 mg/L	15:18:42
3	Ti 334.940	-1044.1	-46.5	-0.001 mg/L	-0.001 mg/L	15:18:42
3	Tl 276.787	129.2	0.2	0.021 mg/L	0.021 mg/L	15:18:42
3	Tl 190.801	-21.6	-0.1	0.041 mg/L	0.041 mg/L	15:18:42
3	V 290.880	9905.0	635.8	-0.018 mg/L	-0.018 mg/L	15:18:36
3	V 292.402	98.8	-25.9	-0.003 mg/L	-0.003 mg/L	15:18:42
3	Zn 206.200	20.7	8.9	-0.042 mg/L	-0.042 mg/L	15:18:42
3	Zn 213.857	330.7	-1.6	-0.053 mg/L	-0.053 mg/L	15:18:42

Mean Data: prep blk

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-12.2	0.007	mg/L	0.0002	0.007	mg/L	0.0002	2.53%
Ag 338.289	-4.2	0.008	mg/L	0.0002	0.008	mg/L	0.0002	2.79%
Al 308.215	2013.2	-0.086	mg/L	0.0358	-0.086	mg/L	0.0358	41.82%
Al 396.153	-13.1	0.006	mg/L	0.0316	0.006	mg/L	0.0316	554.41%
As 188.979	4.0	-0.002	mg/L	0.0082	-0.002	mg/L	0.0082	483.62%
As 193.696	-5.0	-0.002	mg/L	0.0085	-0.002	mg/L	0.0085	395.78%
B 182.528	5.6	0.010	mg/L	0.0147	0.010	mg/L	0.0147	147.56%
B 249.677	419.6	0.017	mg/L	0.0001	0.017	mg/L	0.0001	0.42%
Ba 233.527	-3.4	0.000	mg/L	0.0003	0.000	mg/L	0.0003	86.7[illegible]
Be 313.107	10056.5	-0.011	mg/L	0.0009	-0.011	mg/L	0.0009	7.65%
Be 234.861	11.7	-0.016	mg/L	0.0000	-0.016	mg/L	0.0000	0.24%
Ca 317.933	-140.2	0.018	mg/L	0.0019	0.018	mg/L	0.0019	10.88%
Cd 228.802	-0.9	0.002	mg/L	0.0006	0.002	mg/L	0.0006	29.49%

Cd 214.440	-0.3	-0.008 mg/L	0.0003	-0.008 mg/L	0.0003	3.57%
Co 228.616	0.1	0.010 mg/L	0.0002	0.010 mg/L	0.0002	2.43%
Cr 205.560	-5.9	0.001 mg/L	0.0013	0.001 mg/L	0.0013	96.20%
Cr 267.716	4.2	0.002 mg/L	0.0007	0.002 mg/L	0.0007	35.82%
Cu 327.393	-1109.0	-0.004 mg/L	0.0005	-0.004 mg/L	0.0005	13.18%
Cu 324.752	616.2	-0.003 mg/L	0.0006	-0.003 mg/L	0.0006	24.06%
Fe 273.955	5.3	-0.030 mg/L	0.0019	-0.030 mg/L	0.0019	6.25%
Fe 259.939	3.1	-0.037 mg/L	0.0001	-0.037 mg/L	0.0001	0.22%
Fe 238.204	-2.4	-0.033 mg/L	0.0011	-0.033 mg/L	0.0011	3.35%
K 766.490	-249.9	0.206 mg/L	0.0029	0.206 mg/L	0.0029	1.41%
K 404.721	373.5	0.000 mg/L	0.0000	0.000 mg/L	0.0000	0.00%
Li 670.784	51.9	0.024 mg/L	0.0000	0.024 mg/L	0.0000	0.16%
Mg 285.213	-475.4	-0.045 mg/L	0.0001	-0.045 mg/L	0.0001	0.16%
Mn 257.610	-0.7	-0.003 mg/L	0.0000	-0.003 mg/L	0.0000	1.25%
Mo 202.031	5.4	0.003 mg/L	0.0009	0.003 mg/L	0.0009	26.76%
Na 589.592	-74.9	0.030 mg/L	0.0187	0.030 mg/L	0.0187	61.90%
Na 330.237	-86.0	-0.087 mg/L	0.0205	-0.087 mg/L	0.0205	23.52%
Ni 231.604	-0.7	0.004 mg/L	0.0031	0.004 mg/L	0.0031	70.21%
Pb 220.353	6.0	0.026 mg/L	0.0069	0.026 mg/L	0.0069	26.74%
Pb 217.000	6.6	0.014 mg/L	0.0141	0.014 mg/L	0.0141	101.66%
Sb 206.836	7.6	0.006 mg/L	0.0046	0.006 mg/L	0.0046	72.10%
Se 196.026	6.3	0.001 mg/L	0.0054	0.001 mg/L	0.0054	608.25%
Se 203.985	-16.0	-0.010 mg/L	0.0114	-0.010 mg/L	0.0114	114.63%
Si 251.611	8.2	-0.014 mg/L	0.0004	-0.014 mg/L	0.0004	3.05%
Ti 334.940	-35.0	0.000 mg/L	0.0001	0.000 mg/L	0.0001	18.58%
Tl 276.787	-2.1	0.019 mg/L	0.0071	0.019 mg/L	0.0071	37.19%
Tl 190.801	2.8	0.051 mg/L	0.0092	0.051 mg/L	0.0092	18.19%
V 290.880	771.3	-0.012 mg/L	0.0056	-0.012 mg/L	0.0056	47.57%
V 292.402	-14.2	-0.003 mg/L	0.0004	-0.003 mg/L	0.0004	11.32%
Zn 206.200	-0.5	-0.044 mg/L	0.0021	-0.044 mg/L	0.0021	4.71%
Zn 213.857	-13.2	-0.053 mg/L	0.0003	-0.053 mg/L	0.0003	0.64%

Sequence No.: 12
Sample ID: lcs
Analyst:
Nebulizer Back Pressure: 340.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 13
Date Collected: 7/15/02 3:19:20 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: lcs

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	55748.4	55974.7	0.484	mg/L	0.484	mg/L	15:21:01
1	Ag 338.289	19715.0	19773.1	0.485	mg/L	0.485	mg/L	15:21:01
1	Al 308.215	42178.8	8868.1	0.500	mg/L	0.500	mg/L	15:21:01
1	Al 396.153	758.1	682.5	0.403	mg/L	0.403	mg/L	15:21:01
1	As 188.979	296.8	295.8	0.484	mg/L	0.484	mg/L	15:21:06
1	As 193.696	336.4	351.9	0.484	mg/L	0.484	mg/L	15:21:06
1	B 182.528	170.7	178.3	0.517	mg/L	0.517	mg/L	15:21:06
1	B 249.677	11119.7	11033.2	0.494	mg/L	0.494	mg/L	15:21:01
1	Ba 233.527	5241.2	5300.4	0.493	mg/L	0.493	mg/L	15:21:06
1	Be 313.107	884916.6	744406.7	0.500	mg/L	0.500	mg/L	15:20:59
1	Be 234.861	153014.4	153340.1	0.506	mg/L	0.506	mg/L	15:21:01
1	Ca 317.933	8750.6	8792.4	0.468	mg/L	0.468	mg/L	15:21:01
1	Cd 228.802	4172.8	4170.3	0.482	mg/L	0.482	mg/L	15:21:06
1	Cd 214.440	6924.2	6688.0	0.495	mg/L	0.495	mg/L	15:21:06
1	Co 228.616	2357.1	2465.4	0.477	mg/L	0.477	mg/L	15:21:06
1	Cr 205.560	3004.2	3037.5	0.492	mg/L	0.492	mg/L	15:21:06
1	Cr 267.716	11540.2	11393.0	0.493	mg/L	0.493	mg/L	15:21:01
1	Cu 327.393	68880.0	81176.2	0.469	mg/L	0.469	mg/L	15:21:01
1	Cu 324.752	165465.3	151420.9	0.472	mg/L	0.472	mg/L	15:21:01
1	Fe 273.955	1453.1	1469.8	0.453	mg/L	0.453	mg/L	15:21:06
1	Fe 259.939	13906.0	13872.4	0.468	mg/L	0.468	mg/L	15:21:01
1	Fe 238.204	8068.0	7939.6	0.450	mg/L	0.450	mg/L	15:21:06
1	K 766.490	183126.3	182553.6	3.66	mg/L	3.66	mg/L	15:20:59
1	K 404.721	-13237.7	407.2	0.000	mg/L	0.000	mg/L	15:21:01
1	Li 670.784	538298.9	538809.1	0.410	mg/L	0.410	mg/L	15:20:59
1	Mg 285.213	107812.8	107055.7	0.436	mg/L	0.436	mg/L	15:21:01
1	Mn 257.610	45460.7	45509.4	0.491	mg/L	0.491	mg/L	15:21:01
1	Mo 202.031	1704.8	1698.8	0.474	mg/L	0.474	mg/L	15:21:06
1	Na 589.592	94.0	698.0	0.280	mg/L	0.280	mg/L	15:20:59

1	Na 330.237	21.6	805.2	0.468 mg/L	0.468 mg/L	15:21:06
1	Ni 231.604	3535.8	3435.5	0.481 mg/L	0.481 mg/L	15:21:06
1	Pb 220.353	852.5	828.6	0.457 mg/L	0.457 mg/L	15:21:06
1	Pb 217.000	368.8	368.3	0.466 mg/L	0.466 mg/L	15:21:0
1	Sb 206.836	759.6	740.4	0.461 mg/L	0.461 mg/L	15:21:06
1	Se 196.026	364.6	357.5	0.488 mg/L	0.488 mg/L	15:21:06
1	Se 203.985	416.7	476.8	0.465 mg/L	0.465 mg/L	15:21:06
1	Si 251.611	5576.5	5342.0	0.235 mg/L	0.235 mg/L	15:21:06
1	Ti 334.940	75799.6	76797.2	0.483 mg/L	0.483 mg/L	15:21:01
1	Tl 276.787	747.7	618.7	0.454 mg/L	0.454 mg/L	15:21:06
1	Tl 190.801	111.4	132.9	0.469 mg/L	0.469 mg/L	15:21:06
1	V 290.880	20924.7	11655.6	0.494 mg/L	0.494 mg/L	15:21:01
1	V 292.402	21157.2	21032.5	0.488 mg/L	0.488 mg/L	15:21:01
1	Zn 206.200	3122.7	3111.0	0.534 mg/L	0.534 mg/L	15:21:06
1	Zn 213.857	18860.6	18528.2	0.530 mg/L	0.530 mg/L	15:21:01
2	Ag 328.068	55052.9	55279.3	0.478 mg/L	0.478 mg/L	15:21:09
2	Ag 338.289	19483.5	19541.6	0.480 mg/L	0.480 mg/L	15:21:09
2	Al 308.215	41697.0	8386.4	0.459 mg/L	0.459 mg/L	15:21:09
2	Al 396.153	790.2	714.6	0.421 mg/L	0.421 mg/L	15:21:09
2	As 188.979	284.3	283.3	0.463 mg/L	0.463 mg/L	15:21:14
2	As 193.696	326.8	342.3	0.471 mg/L	0.471 mg/L	15:21:14
2	B 182.528	169.4	177.1	0.513 mg/L	0.513 mg/L	15:21:14
2	B 249.677	10975.6	10889.1	0.488 mg/L	0.488 mg/L	15:21:09
2	Ba 233.527	5175.6	5234.8	0.487 mg/L	0.487 mg/L	15:21:14
2	Be 313.107	886972.2	746462.4	0.501 mg/L	0.501 mg/L	15:21:08
2	Be 234.861	150755.8	151081.5	0.499 mg/L	0.499 mg/L	15:21:09
2	Ca 317.933	8622.7	8664.5	0.462 mg/L	0.462 mg/L	15:21:09
2	Cd 228.802	4168.0	4165.5	0.482 mg/L	0.482 mg/L	15:21:14
2	Cd 214.440	6826.4	6590.3	0.488 mg/L	0.488 mg/L	15:21:14
2	Co 228.616	2354.4	2462.7	0.476 mg/L	0.476 mg/L	15:21:14
2	Cr 205.560	2981.9	3015.2	0.488 mg/L	0.488 mg/L	15:21:14
2	Cr 267.716	11400.7	11253.6	0.487 mg/L	0.487 mg/L	15:21:09
2	Cu 327.393	67851.4	80147.6	0.463 mg/L	0.463 mg/L	15:21:09
2	Cu 324.752	163144.4	149100.0	0.465 mg/L	0.465 mg/L	15:21:09
2	Fe 273.955	1439.5	1456.2	0.449 mg/L	0.449 mg/L	15:21:14
2	Fe 259.939	13619.8	13586.2	0.458 mg/L	0.458 mg/L	15:21:09
2	Fe 238.204	7977.8	7849.4	0.444 mg/L	0.444 mg/L	15:21:1
2	K 766.490	188963.4	188390.7	3.77 mg/L	3.77 mg/L	15:21:08
2	K 404.721	-13241.7	403.2	0.000 mg/L	0.000 mg/L	15:21:09
2	Li 670.784	552279.0	552789.2	0.420 mg/L	0.420 mg/L	15:21:08
2	Mg 285.213	106361.9	105604.9	0.430 mg/L	0.430 mg/L	15:21:09
2	Mn 257.610	44971.7	45020.3	0.485 mg/L	0.485 mg/L	15:21:09
2	Mo 202.031	1702.8	1696.8	0.474 mg/L	0.474 mg/L	15:21:14
2	Na 589.592	94.0	698.0	0.280 mg/L	0.280 mg/L	15:21:08
2	Na 330.237	21.3	805.0	0.468 mg/L	0.468 mg/L	15:21:14
2	Ni 231.604	3487.7	3387.4	0.474 mg/L	0.474 mg/L	15:21:14
2	Pb 220.353	883.8	859.9	0.473 mg/L	0.473 mg/L	15:21:14
2	Pb 217.000	370.3	369.8	0.468 mg/L	0.468 mg/L	15:21:14
2	Sb 206.836	767.3	748.1	0.466 mg/L	0.466 mg/L	15:21:14
2	Se 196.026	369.7	362.6	0.495 mg/L	0.495 mg/L	15:21:14
2	Se 203.985	428.2	488.3	0.476 mg/L	0.476 mg/L	15:21:14
2	Si 251.611	5563.3	5328.8	0.235 mg/L	0.235 mg/L	15:21:14
2	Ti 334.940	74804.4	75802.0	0.477 mg/L	0.477 mg/L	15:21:09
2	Tl 276.787	760.6	631.6	0.463 mg/L	0.463 mg/L	15:21:14
2	Tl 190.801	104.7	126.2	0.447 mg/L	0.447 mg/L	15:21:14
2	V 290.880	20715.4	11446.3	0.484 mg/L	0.484 mg/L	15:21:09
2	V 292.402	20837.1	20712.4	0.480 mg/L	0.480 mg/L	15:21:09
2	Zn 206.200	3105.0	3093.2	0.530 mg/L	0.530 mg/L	15:21:14
2	Zn 213.857	18687.4	18355.1	0.525 mg/L	0.525 mg/L	15:21:09
3	Ag 328.068	56078.6	56305.0	0.487 mg/L	0.487 mg/L	15:21:17
3	Ag 338.289	19811.8	19869.9	0.488 mg/L	0.488 mg/L	15:21:17
3	Al 308.215	42262.9	8952.2	0.507 mg/L	0.507 mg/L	15:21:17
3	Al 396.153	837.4	761.9	0.448 mg/L	0.448 mg/L	15:21:17
3	As 188.979	284.9	283.9	0.464 mg/L	0.464 mg/L	15:21:23
3	As 193.696	331.6	347.1	0.478 mg/L	0.478 mg/L	15:21:23
3	B 182.528	160.5	168.1	0.487 mg/L	0.487 mg/L	15:21:23
3	B 249.677	11346.0	11259.5	0.504 mg/L	0.504 mg/L	15:21:17
3	Ba 233.527	5226.7	5285.9	0.492 mg/L	0.492 mg/L	15:21:23
3	Be 313.107	885296.5	744786.7	0.500 mg/L	0.500 mg/L	15:21:1
3	Be 234.861	154254.3	154580.0	0.511 mg/L	0.511 mg/L	15:21:1
3	Ca 317.933	8877.4	8919.1	0.475 mg/L	0.475 mg/L	15:21:17
3	Cd 228.802	4171.6	4169.1	0.482 mg/L	0.482 mg/L	15:21:23
3	Cd 214.440	6873.4	6637.3	0.491 mg/L	0.491 mg/L	15:21:23

3	Co 228.616	2333.1	2441.4	0.472 mg/L	0.472 mg/L	15:21:23
3	Cr 205.560	2982.1	3015.4	0.488 mg/L	0.488 mg/L	15:21:23
3	Cr 267.716	11622.7	11475.5	0.497 mg/L	0.497 mg/L	15:21:17
3	Cu 327.393	69178.8	81475.0	0.471 mg/L	0.471 mg/L	15:21:17
3	Cu 324.752	165941.4	151897.1	0.474 mg/L	0.474 mg/L	15:21:17
3	Fe 273.955	1447.4	1464.1	0.451 mg/L	0.451 mg/L	15:21:23
3	Fe 259.939	13873.7	13840.1	0.467 mg/L	0.467 mg/L	15:21:17
3	Fe 238.204	7995.9	7867.5	0.445 mg/L	0.445 mg/L	15:21:23
3	K 766.490	189216.7	188644.0	3.78 mg/L	3.78 mg/L	15:21:16
3	K 404.721	-13065.4	579.5	0.000 mg/L	0.000 mg/L	15:21:17
3	Li 670.784	556333.3	556843.5	0.423 mg/L	0.423 mg/L	15:21:16
3	Mg 285.213	108436.1	107679.1	0.439 mg/L	0.439 mg/L	15:21:17
3	Mn 257.610	45762.4	45811.0	0.494 mg/L	0.494 mg/L	15:21:17
3	Mo 202.031	1723.3	1717.2	0.479 mg/L	0.479 mg/L	15:21:23
3	Na 589.592	298.9	903.0	0.346 mg/L	0.346 mg/L	15:21:16
3	Na 330.237	46.4	830.0	0.483 mg/L	0.483 mg/L	15:21:23
3	Ni 231.604	3509.0	3408.7	0.477 mg/L	0.477 mg/L	15:21:23
3	Pb 220.353	850.8	826.9	0.456 mg/L	0.456 mg/L	15:21:23
3	Pb 217.000	377.5	377.0	0.477 mg/L	0.477 mg/L	15:21:23
3	Sb 206.836	772.6	753.4	0.469 mg/L	0.469 mg/L	15:21:23
3	Se 196.026	352.7	345.6	0.472 mg/L	0.472 mg/L	15:21:23
3	Se 203.985	428.3	488.4	0.476 mg/L	0.476 mg/L	15:21:23
3	Si 251.611	5574.9	5340.3	0.235 mg/L	0.235 mg/L	15:21:23
3	Ti 334.940	76003.7	77001.3	0.485 mg/L	0.485 mg/L	15:21:17
3	Tl 276.787	787.7	658.7	0.482 mg/L	0.482 mg/L	15:21:23
3	Tl 190.801	108.4	129.9	0.459 mg/L	0.459 mg/L	15:21:23
3	V 290.880	21018.4	11749.3	0.498 mg/L	0.498 mg/L	15:21:17
3	V 292.402	21257.5	21132.8	0.490 mg/L	0.490 mg/L	15:21:17
3	Zn 206.200	3102.0	3090.3	0.530 mg/L	0.530 mg/L	15:21:23
3	Zn 213.857	19089.5	18757.1	0.537 mg/L	0.537 mg/L	15:21:17

Mean Data: lcs

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	55853.0	0.483	mg/L	0.0045	0.483	mg/L	0.0045	0.92%
Ag 338.289	19728.2	0.484	mg/L	0.0041	0.484	mg/L	0.0041	0.84%
Al 308.215	8735.6	0.489	mg/L	0.0261	0.489	mg/L	0.0261	5.34%
Al 396.153	719.7	0.424	mg/L	0.0228	0.424	mg/L	0.0228	5.37%
As 188.979	287.7	0.471	mg/L	0.0118	0.471	mg/L	0.0118	2.50%
As 193.696	347.1	0.478	mg/L	0.0065	0.478	mg/L	0.0065	1.37%
B 182.528	174.5	0.506	mg/L	0.0163	0.506	mg/L	0.0163	3.23%
B 249.677	11060.6	0.496	mg/L	0.0084	0.496	mg/L	0.0084	1.70%
Ba 233.527	5273.7	0.491	mg/L	0.0032	0.491	mg/L	0.0032	0.65%
Be 313.107	745218.6	0.501	mg/L	0.0008	0.501	mg/L	0.0008	0.15%
Be 234.861	153000.5	0.505	mg/L	0.0060	0.505	mg/L	0.0060	1.20%
Ca 317.933	8792.0	0.468	mg/L	0.0064	0.468	mg/L	0.0064	1.37%
Cd 228.802	4168.3	0.482	mg/L	0.0003	0.482	mg/L	0.0003	0.06%
Cd 214.440	6638.5	0.492	mg/L	0.0037	0.492	mg/L	0.0037	0.75%
Co 228.616	2456.5	0.475	mg/L	0.0025	0.475	mg/L	0.0025	0.53%
Cr 205.560	3022.7	0.490	mg/L	0.0021	0.490	mg/L	0.0021	0.42%
Cr 267.716	11374.0	0.492	mg/L	0.0048	0.492	mg/L	0.0048	0.98%
Cu 327.393	80932.9	0.468	mg/L	0.0040	0.468	mg/L	0.0040	0.86%
Cu 324.752	150806.0	0.470	mg/L	0.0047	0.470	mg/L	0.0047	1.00%
Fe 273.955	1463.4	0.451	mg/L	0.0023	0.451	mg/L	0.0023	0.50%
Fe 259.939	13766.3	0.464	mg/L	0.0057	0.464	mg/L	0.0057	1.23%
Fe 238.204	7885.5	0.447	mg/L	0.0029	0.447	mg/L	0.0029	0.65%
K 766.490	186529.4	3.74	mg/L	0.065	3.74	mg/L	0.065	1.74%
K 404.721	463.3	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	549480.6	0.418	mg/L	0.0068	0.418	mg/L	0.0068	1.62%
Mg 285.213	106779.9	0.435	mg/L	0.0048	0.435	mg/L	0.0048	1.09%
Mn 257.610	45446.9	0.490	mg/L	0.0043	0.490	mg/L	0.0043	0.88%
Mo 202.031	1704.3	0.476	mg/L	0.0031	0.476	mg/L	0.0031	0.66%
Na 589.592	766.3	0.302	mg/L	0.0383	0.302	mg/L	0.0383	12.66%
Na 330.237	813.4	0.473	mg/L	0.0090	0.473	mg/L	0.0090	1.90%
Ni 231.604	3410.5	0.477	mg/L	0.0033	0.477	mg/L	0.0033	0.70%
Pb 220.353	838.4	0.462	mg/L	0.0097	0.462	mg/L	0.0097	2.11%
Pb 217.000	371.7	0.471	mg/L	0.0058	0.471	mg/L	0.0058	1.23%
Sb 206.836	747.3	0.466	mg/L	0.0040	0.466	mg/L	0.0040	0.87%
Se 196.026	355.2	0.485	mg/L	0.0121	0.485	mg/L	0.0121	2.50%
Se 203.985	484.5	0.472	mg/L	0.0064	0.472	mg/L	0.0064	1.36%
Si 251.611	5337.0	0.235	mg/L	0.0003	0.235	mg/L	0.0003	0.14%
Ti 334.940	76533.5	0.482	mg/L	0.0040	0.482	mg/L	0.0040	0.84%

Tl 276.787	636.4	0.466 mg/L	0.0143	0.466 mg/L	0.0143	3.07%
Tl 190.801	129.7	0.459 mg/L	0.0108	0.459 mg/L	0.0108	2.36%
V 290.880	11617.1	0.492 mg/L	0.0072	0.492 mg/L	0.0072	1.46%
V 292.402	20959.2	0.486 mg/L	0.0051	0.486 mg/L	0.0051	1.05
Zn 206.200	3098.2	0.531 mg/L	0.0021	0.531 mg/L	0.0021	0.39%
Zn 213.857	18546.8	0.531 mg/L	0.0063	0.531 mg/L	0.0063	1.20%

==========

Sequence No.: 13
Sample ID: M02070367-02A
Analyst:
Nebulizer Back Pressure: 340.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 14
Date Collected: 7/15/02 3:22:01 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070367-02A

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	10692.6	10918.9	0.100	mg/L	0.100	mg/L	15:23:44
1	Ag 338.289	3832.9	3891.0	0.102	mg/L	0.102	mg/L	15:23:49
1	Al 308.215	37916.4	4605.8	0.136	mg/L	0.136	mg/L	15:23:44
1	Al 396.153	129.9	54.4	0.044	mg/L	0.044	mg/L	15:23:44
1	As 188.979	8.7	7.7	0.004	mg/L	0.004	mg/L	15:23:49
1	As 193.696	-31.3	-15.8	-0.017	mg/L	-0.017	mg/L	15:23:49
1	B 182.528	8.4	16.1	0.041	mg/L	0.041	mg/L	15:23:49
1	B 249.677	1890.9	1804.5	0.079	mg/L	0.079	mg/L	15:23:49
1	Ba 233.527	2333.5	2392.7	0.223	mg/L	0.223	mg/L	15:23:49
1	Be 313.107	157875.5	17365.7	-0.006	mg/L	-0.006	mg/L	15:23:44
1	Be 234.861	-1826.7	-1501.0	-0.021	mg/L	-0.021	mg/L	15:23:49
1	Ca 317.933	1973972.3	1974014.1	99.7	mg/L	99.7	mg/L	15:23:43
1	Cd 228.802	5.4	2.9	0.002	mg/L	0.002	mg/L	15:23:49
1	Cd 214.440	241.1	4.9	-0.008	mg/L	-0.008	mg/L	15:23:49
1	Co 228.616	-112.9	-4.6	0.009	mg/L	0.009	mg/L	15:23:49
1	Cr 205.560	-30.0	3.3	0.003	mg/L	0.003	mg/L	15:23:49
1	Cr 267.716	216.8	69.7	0.005	mg/L	0.005	mg/L	15:23:49
1	Cu 327.393	75560.5	87856.7	0.508	mg/L	0.508	mg/L	15:23:4
1	Cu 324.752	182184.3	168140.0	0.525	mg/L	0.525	mg/L	15:23:44
1	Fe 273.955	2951.0	2967.6	0.948	mg/L	0.948	mg/L	15:23:49
1	Fe 259.939	22725.4	22691.8	0.789	mg/L	0.789	mg/L	15:23:44
1	Fe 238.204	14376.6	14248.3	0.834	mg/L	0.834	mg/L	15:23:44
1	K 766.490	693284.4	692711.7	13.3	mg/L	13.3	mg/L	15:23:41
1	K 404.721	-13230.1	414.9	0.000	mg/L	0.000	mg/L	15:23:44
1	Li 670.784	29572.7	30082.9	0.045	mg/L	0.045	mg/L	15:23:44
1	Mg 285.213	7696595.0	7695838.0	34.4	mg/L	34.4	mg/L	15:23:41
1	Mn 257.610	44217.8	44266.4	0.477	mg/L	0.477	mg/L	15:23:44
1	Mo 202.031	99.0	93.0	0.028	mg/L	0.028	mg/L	15:23:49
1	Na 589.592	Saturated3	Saturated3					15:23:49
Saturated in preshot (code 3)								
1	Na 330.237	112487.9	113271.6	70.5	mg/L	70.5	mg/L	15:23:44
1	Ni 231.604	177.4	77.0	0.015	mg/L	0.015	mg/L	15:23:49
1	Pb 220.353	54.6	30.7	0.039	mg/L	0.039	mg/L	15:23:49
1	Pb 217.000	-2.8	-3.3	0.001	mg/L	0.001	mg/L	15:23:49
1	Sb 206.836	44.6	25.4	0.017	mg/L	0.017	mg/L	15:23:49
1	Se 196.026	16.7	9.6	0.006	mg/L	0.006	mg/L	15:23:49
1	Se 203.985	-203.1	-143.0	-0.132	mg/L	-0.132	mg/L	15:23:49
1	Si 251.611	213572.7	213338.1	9.95	mg/L	9.95	mg/L	15:23:44
1	Ti 334.940	-54.8	942.8	0.006	mg/L	0.006	mg/L	15:23:49
1	Tl 276.787	464.0	335.0	0.255	mg/L	0.255	mg/L	15:23:49
1	Tl 190.801	-26.5	-4.9	0.026	mg/L	0.026	mg/L	15:23:49
1	V 290.880	10671.8	1402.7	0.018	mg/L	0.018	mg/L	15:23:44
1	V 292.402	135.9	11.2	-0.003	mg/L	-0.003	mg/L	15:23:49
1	Zn 206.200	590.5	578.8	0.063	mg/L	0.063	mg/L	15:23:49
1	Zn 213.857	4166.6	3834.2	0.068	mg/L	0.068	mg/L	15:23:49
2	Ag 328.068	10831.1	11057.5	0.101	mg/L	0.101	mg/L	15:23:53
2	Ag 338.289	3813.1	3871.2	0.102	mg/L	0.102	mg/L	15:23:59
2	Al 308.215	37334.9	4024.3	0.086	mg/L	0.086	mg/L	15:23:53
2	Al 396.153	-10.0	-85.5	-0.036	mg/L	-0.036	mg/L	15:23:53
2	As 188.979	-5.8	-6.8	-0.020	mg/L	-0.020	mg/L	15:23:5
2	As 193.696	-11.8	3.7	0.010	mg/L	0.010	mg/L	15:23:5
2	B 182.528	-2.6	5.1	0.008	mg/L	0.008	mg/L	15:23:59
2	B 249.677	1848.4	1761.9	0.077	mg/L	0.077	mg/L	15:23:59
2	Ba 233.527	2342.4	2401.5	0.224	mg/L	0.224	mg/L	15:23:59

Zn 206.200	353.6	0.022 mg/L	0.0018	0.022 mg/L	0.0018	8.28%
Zn 213.857	2569.4	0.028 mg/L	0.0006	0.028 mg/L	0.0006	2.12%

Sequence No.: 65
Sample ID: M02070406-01A
Analyst:
Nebulizer Back Pressure: 345.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 61
Date Collected: 7/15/02 5:41:44 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070406-01A

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	Ag 328.068	-320.8	-94.4	0.007	mg/L	0.007	mg/L	17:43:31
1	Ag 338.289	30.4	88.5	0.010	mg/L	0.010	mg/L	17:43:31
1	Al 308.215	39750.2	6439.5	0.293	mg/L	0.293	mg/L	17:43:25
1	Al 396.153	-1.5	-77.0	-0.031	mg/L	-0.031	mg/L	17:43:25
1	As 188.979	-2.3	-3.3	-0.014	mg/L	-0.014	mg/L	17:43:31
1	As 193.696	-29.4	-13.9	-0.014	mg/L	-0.014	mg/L	17:43:31
1	B 182.528	6.0	13.6	0.034	mg/L	0.034	mg/L	17:43:31
1	B 249.677	857.1	770.7	0.032	mg/L	0.032	mg/L	17:43:31
1	Ba 233.527	-28.0	31.2	0.004	mg/L	0.004	mg/L	17:43:31
1	Be 313.107	160287.5	19777.6	-0.005	mg/L	-0.005	mg/L	17:43:25
1	Be 234.861	-400.7	-75.0	-0.016	mg/L	-0.016	mg/L	17:43:31
1	Ca 317.933	28877.9	28919.7	1.48	mg/L	1.48	mg/L	17:43:25
1	Cd 228.802	8.3	5.9	0.003	mg/L	0.003	mg/L	17:43:31
1	Cd 214.440	272.4	36.3	-0.006	mg/L	-0.006	mg/L	17:43:31
1	Co 228.616	-122.2	-14.0	0.007	mg/L	0.007	mg/L	17:43:31
1	Cr 205.560	-38.1	-4.8	0.001	mg/L	0.001	mg/L	17:43:31
1	Cr 267.716	181.0	33.8	0.003	mg/L	0.003	mg/L	17:43:31
1	Cu 327.393	-12138.3	157.9	0.004	mg/L	0.004	mg/L	17:43:25
1	Cu 324.752	19817.0	5772.7	0.014	mg/L	0.014	mg/L	17:43:25
1	Fe 273.955	136.6	153.3	0.019	mg/L	0.019	mg/L	17:43:31
1	Fe 259.939	1252.0	1218.4	0.008	mg/L	0.008	mg/L	17:43:31
1	Fe 238.204	874.7	746.3	0.012	mg/L	0.012	mg/L	17:43:31
1	K 766.490	11302.0	10729.3	0.413	mg/L	0.413	mg/L	17:43:25
1	K 404.721	-12731.9	913.0	0.000	mg/L	0.000	mg/L	17:43:25
1	Li 670.784	6.3	516.5	0.024	mg/L	0.024	mg/L	17:43:25
1	Mg 285.213	51919.5	51162.4	0.186	mg/L	0.186	mg/L	17:43:25
1	Mn 257.610	271.4	320.0	0.001	mg/L	0.001	mg/L	17:43:31
1	Mo 202.031	7.9	1.9	0.002	mg/L	0.002	mg/L	17:43:31
1	Na 589.592	26343.7	26947.8	8.77	mg/L	8.77	mg/L	17:43:24
1	Na 330.237	3217.1	4000.8	2.46	mg/L	2.46	mg/L	17:43:31
1	Ni 231.604	121.8	21.5	0.007	mg/L	0.007	mg/L	17:43:31
1	Pb 220.353	21.3	-2.7	0.021	mg/L	0.021	mg/L	17:43:31
1	Pb 217.000	-1.0	-1.5	0.004	mg/L	0.004	mg/L	17:43:31
1	Sb 206.836	34.4	15.3	0.011	mg/L	0.011	mg/L	17:43:31
1	Se 196.026	8.8	1.7	-0.005	mg/L	-0.005	mg/L	17:43:31
1	Se 203.985	-74.5	-14.4	-0.008	mg/L	-0.008	mg/L	17:43:31
1	Si 251.611	1960.9	1726.4	0.066	mg/L	0.066	mg/L	17:43:31
1	Ti 334.940	-1195.4	-197.7	-0.001	mg/L	-0.001	mg/L	17:43:31
1	Tl 276.787	149.4	20.4	0.035	mg/L	0.035	mg/L	17:43:31
1	Tl 190.801	-37.9	-16.4	-0.011	mg/L	-0.011	mg/L	17:43:31
1	V 290.880	11379.3	2110.1	0.050	mg/L	0.050	mg/L	17:43:25
1	V 292.402	140.0	15.3	-0.002	mg/L	-0.002	mg/L	17:43:31
1	Zn 206.200	91.3	79.6	-0.029	mg/L	-0.029	mg/L	17:43:31
1	Zn 213.857	825.6	493.2	-0.037	mg/L	-0.037	mg/L	17:43:31
2	Ag 328.068	-316.4	-90.0	0.007	mg/L	0.007	mg/L	17:43:39
2	Ag 338.289	23.9	82.0	0.010	mg/L	0.010	mg/L	17:43:39
2	Al 308.215	40029.7	6719.1	0.316	mg/L	0.316	mg/L	17:43:33
2	Al 396.153	131.3	55.8	0.045	mg/L	0.045	mg/L	17:43:33
2	As 188.979	-9.8	-10.8	-0.026	mg/L	-0.026	mg/L	17:43:39
2	As 193.696	-34.1	-18.6	-0.021	mg/L	-0.021	mg/L	17:43:39
2	B 182.528	3.0	10.6	0.025	mg/L	0.025	mg/L	17:43:39
2	B 249.677	854.8	768.4	0.032	mg/L	0.032	mg/L	17:43:39
2	Ba 233.527	-10.0	49.2	0.005	mg/L	0.005	mg/L	17:43:39
2	Be 313.107	160898.5	20388.7	-0.004	mg/L	-0.004	mg/L	17:43:33
2	Be 234.861	-442.2	-116.5	-0.016	mg/L	-0.016	mg/L	17:43:39
2	Ca 317.933	28797.6	28839.3	1.48	mg/L	1.48	mg/L	17:43:33
2	Cd 228.802	6.9	4.5	0.003	mg/L	0.003	mg/L	17:43:39
2	Cd 214.440	266.4	30.3	-0.006	mg/L	-0.006	mg/L	17:43:39

2	Co 228.616	-113.3	-5.1	0.009 mg/L	0.009 mg/L	17:43:39
2	Cr 205.560	-35.3	-2.0	0.002 mg/L	0.002 mg/L	17:43:39
2	Cr 267.716	207.5	60.3	0.004 mg/L	0.004 mg/L	17:43:39
2	Cu 327.393	-12193.8	102.4	0.003 mg/L	0.003 mg/L	17:43:3[illegible]
2	Cu 324.752	19979.0	5934.6	0.014 mg/L	0.014 mg/L	17:43:33
2	Fe 273.955	129.5	146.2	0.016 mg/L	0.016 mg/L	17:43:39
2	Fe 259.939	1256.8	1223.2	0.008 mg/L	0.008 mg/L	17:43:39
2	Fe 238.204	890.0	761.6	0.013 mg/L	0.013 mg/L	17:43:39
2	K 766.490	11599.5	11026.8	0.419 mg/L	0.419 mg/L	17:43:33
2	K 404.721	-12747.7	897.2	0.000 mg/L	0.000 mg/L	17:43:33
2	Li 670.784	-5.4	504.8	0.024 mg/L	0.024 mg/L	17:43:33
2	Mg 285.213	51707.2	50950.2	0.185 mg/L	0.185 mg/L	17:43:33
2	Mn 257.610	249.4	298.1	0.001 mg/L	0.001 mg/L	17:43:39
2	Mo 202.031	22.8	16.8	0.007 mg/L	0.007 mg/L	17:43:39
2	Na 589.592	26217.3	26821.4	8.73 mg/L	8.73 mg/L	17:43:32
2	Na 330.237	3276.1	4059.8	2.49 mg/L	2.49 mg/L	17:43:39
2	Ni 231.604	135.7	35.4	0.009 mg/L	0.009 mg/L	17:43:39
2	Pb 220.353	8.5	-15.4	0.014 mg/L	0.014 mg/L	17:43:39
2	Pb 217.000	15.7	15.2	0.025 mg/L	0.025 mg/L	17:43:39
2	Sb 206.836	46.9	27.8	0.019 mg/L	0.019 mg/L	17:43:39
2	Se 196.026	11.6	4.5	-0.002 mg/L	-0.002 mg/L	17:43:39
2	Se 203.985	-87.9	-27.8	-0.021 mg/L	-0.021 mg/L	17:43:39
2	Si 251.611	1996.9	1762.3	0.068 mg/L	0.068 mg/L	17:43:39
2	Ti 334.940	-1216.8	-219.2	-0.002 mg/L	-0.002 mg/L	17:43:39
2	Tl 276.787	128.7	-0.2	0.020 mg/L	0.020 mg/L	17:43:39
2	Tl 190.801	-32.3	-10.8	0.007 mg/L	0.007 mg/L	17:43:39
2	V 290.880	11567.4	2298.3	0.059 mg/L	0.059 mg/L	17:43:33
2	V 292.402	133.2	8.5	-0.003 mg/L	-0.003 mg/L	17:43:39
2	Zn 206.200	92.0	80.3	-0.029 mg/L	-0.029 mg/L	17:43:39
2	Zn 213.857	824.8	492.4	-0.038 mg/L	-0.038 mg/L	17:43:39
3	Ag 328.068	-350.3	-124.0	0.006 mg/L	0.006 mg/L	17:43:47
3	Ag 338.289	26.5	84.6	0.010 mg/L	0.010 mg/L	17:43:47
3	Al 308.215	39638.5	6327.8	0.283 mg/L	0.283 mg/L	17:43:41
3	Al 396.153	121.0	45.5	0.039 mg/L	0.039 mg/L	17:43:41
3	As 188.979	2.3	1.3	-0.006 mg/L	-0.006 mg/L	17:43:47
3	As 193.696	-26.3	-10.8	-0.010 mg/L	-0.010 mg/L	17:43:47
3	B 182.528	1.8	9.5	0.021 mg/L	0.021 mg/L	17:43:[illegible]
3	B 249.677	830.2	743.8	0.031 mg/L	0.031 mg/L	17:43:47
3	Ba 233.527	-14.6	44.6	0.005 mg/L	0.005 mg/L	17:43:47
3	Be 313.107	160042.1	19532.3	-0.005 mg/L	-0.005 mg/L	17:43:41
3	Be 234.861	-441.6	-115.9	-0.016 mg/L	-0.016 mg/L	17:43:47
3	Ca 317.933	28777.1	28818.9	1.48 mg/L	1.48 mg/L	17:43:41
3	Cd 228.802	-1.0	-3.5	0.002 mg/L	0.002 mg/L	17:43:47
3	Cd 214.440	277.4	41.3	-0.005 mg/L	-0.005 mg/L	17:43:47
3	Co 228.616	-120.5	-12.2	0.007 mg/L	0.007 mg/L	17:43:47
3	Cr 205.560	-43.7	-10.4	0.001 mg/L	0.001 mg/L	17:43:47
3	Cr 267.716	179.8	32.6	0.003 mg/L	0.003 mg/L	17:43:47
3	Cu 327.393	-12191.9	104.3	0.003 mg/L	0.003 mg/L	17:43:41
3	Cu 324.752	19630.0	5585.6	0.013 mg/L	0.013 mg/L	17:43:41
3	Fe 273.955	125.1	141.7	0.015 mg/L	0.015 mg/L	17:43:47
3	Fe 259.939	1266.9	1233.3	0.008 mg/L	0.008 mg/L	17:43:47
3	Fe 238.204	850.6	722.2	0.011 mg/L	0.011 mg/L	17:43:47
3	K 766.490	11402.0	10829.3	0.415 mg/L	0.415 mg/L	17:43:41
3	K 404.721	-12794.4	850.5	0.000 mg/L	0.000 mg/L	17:43:41
3	Li 670.784	23.0	533.2	0.024 mg/L	0.024 mg/L	17:43:41
3	Mg 285.213	50916.1	50159.0	0.182 mg/L	0.182 mg/L	17:43:41
3	Mn 257.610	277.0	325.6	0.001 mg/L	0.001 mg/L	17:43:47
3	Mo 202.031	31.0	24.9	0.009 mg/L	0.009 mg/L	17:43:47
3	Na 589.592	26512.0	27116.1	8.82 mg/L	8.82 mg/L	17:43:40
3	Na 330.237	3258.1	4041.8	2.48 mg/L	2.48 mg/L	17:43:47
3	Ni 231.604	146.9	46.6	0.011 mg/L	0.011 mg/L	17:43:47
3	Pb 220.353	14.7	-9.3	0.018 mg/L	0.018 mg/L	17:43:47
3	Pb 217.000	9.8	9.3	0.017 mg/L	0.017 mg/L	17:43:47
3	Sb 206.836	51.2	32.0	0.022 mg/L	0.022 mg/L	17:43:47
3	Se 196.026	20.6	13.5	0.011 mg/L	0.011 mg/L	17:43:47
3	Se 203.985	-80.9	-20.8	-0.015 mg/L	-0.015 mg/L	17:43:47
3	Si 251.611	1945.1	1710.5	0.066 mg/L	0.066 mg/L	17:43:47
3	Ti 334.940	-1199.6	-202.0	-0.002 mg/L	-0.002 mg/L	17:43:47
3	Tl 276.787	146.3	17.3	0.033 mg/L	0.033 mg/L	17:43:4[illegible]
3	Tl 190.801	-31.4	-9.9	0.010 mg/L	0.010 mg/L	17:43:4[illegible]
3	V 290.880	11324.8	2055.7	0.048 mg/L	0.048 mg/L	17:43:41
3	V 292.402	141.2	16.5	-0.002 mg/L	-0.002 mg/L	17:43:47
3	Zn 206.200	94.8	83.0	-0.029 mg/L	-0.029 mg/L	17:43:47

3	Zn 213.857	791.8	459.5	-0.039 mg/L	-0.039 mg/L	17:43:47

Mean Data: M02070406-01A

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-102.8	0.007	mg/L	0.0002	0.007	mg/L	0.0002	2.42%
Ag 338.289	85.0	0.010	mg/L	0.0001	0.010	mg/L	0.0001	0.77%
Al 308.215	6495.5	0.297	mg/L	0.0172	0.297	mg/L	0.0172	5.79%
Al 396.153	8.1	0.018	mg/L	0.0422	0.018	mg/L	0.0422	236.64%
As 188.979	-4.3	-0.015	mg/L	0.0102	-0.015	mg/L	0.0102	66.17%
As 193.696	-14.4	-0.015	mg/L	0.0053	-0.015	mg/L	0.0053	35.55%
B 182.528	11.2	0.027	mg/L	0.0063	0.027	mg/L	0.0063	23.83%
B 249.677	761.0	0.032	mg/L	0.0007	0.032	mg/L	0.0007	2.09%
Ba 233.527	41.7	0.005	mg/L	0.0009	0.005	mg/L	0.0009	19.16%
Be 313.107	19899.5	-0.005	mg/L	0.0003	-0.005	mg/L	0.0003	6.68%
Be 234.861	-102.5	-0.016	mg/L	0.0001	-0.016	mg/L	0.0001	0.50%
Ca 317.933	28859.3	1.48	mg/L	0.003	1.48	mg/L	0.003	0.18%
Cd 228.802	2.3	0.002	mg/L	0.0006	0.002	mg/L	0.0006	24.20%
Cd 214.440	36.0	-0.006	mg/L	0.0004	-0.006	mg/L	0.0004	7.25%
Co 228.616	-10.4	0.008	mg/L	0.0009	0.008	mg/L	0.0009	11.81%
Cr 205.560	-5.7	0.001	mg/L	0.0007	0.001	mg/L	0.0007	50.73%
Cr 267.716	42.2	0.004	mg/L	0.0007	0.004	mg/L	0.0007	18.65%
Cu 327.393	121.5	0.004	mg/L	0.0002	0.004	mg/L	0.0002	5.09%
Cu 324.752	5764.3	0.014	mg/L	0.0006	0.014	mg/L	0.0006	4.07%
Fe 273.955	147.1	0.017	mg/L	0.0019	0.017	mg/L	0.0019	11.56%
Fe 259.939	1225.0	0.008	mg/L	0.0003	0.008	mg/L	0.0003	3.50%
Fe 238.204	743.4	0.012	mg/L	0.0012	0.012	mg/L	0.0012	9.98%
K 766.490	10861.8	0.416	mg/L	0.0029	0.416	mg/L	0.0029	0.69%
K 404.721	886.9	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	518.2	0.024	mg/L	0.0000	0.024	mg/L	0.0000	0.04%
Mg 285.213	50757.2	0.184	mg/L	0.0024	0.184	mg/L	0.0024	1.28%
Mn 257.610	314.6	0.001	mg/L	0.0002	0.001	mg/L	0.0002	20.05%
Mo 202.031	14.5	0.006	mg/L	0.0033	0.006	mg/L	0.0033	54.74%
Na 589.592	26961.7	8.77	mg/L	0.048	8.77	mg/L	0.048	0.54%
Na 330.237	4034.1	2.48	mg/L	0.019	2.48	mg/L	0.019	0.76%
Ni 231.604	34.5	0.009	mg/L	0.0017	0.009	mg/L	0.0017	18.87%
Pb 220.353	-9.1	0.018	mg/L	0.0033	0.018	mg/L	0.0033	18.78%
Pb 217.000	7.7	0.015	mg/L	0.0106	0.015	mg/L	0.0106	69.75%
Sb 206.836	25.0	0.017	mg/L	0.0054	0.017	mg/L	0.0054	31.47%
Se 196.026	6.6	0.001	mg/L	0.0085	0.001	mg/L	0.0085	668.89%
Se 203.985	-21.0	-0.015	mg/L	0.0065	-0.015	mg/L	0.0065	43.81%
Si 251.611	1733.1	0.067	mg/L	0.0012	0.067	mg/L	0.0012	1.86%
Ti 334.940	-206.3	-0.002	mg/L	0.0001	-0.002	mg/L	0.0001	4.64%
Tl 276.787	12.5	0.029	mg/L	0.0078	0.029	mg/L	0.0078	26.68%
Tl 190.801	-12.3	0.002	mg/L	0.0113	0.002	mg/L	0.0113	597.31%
V 290.880	2154.7	0.053	mg/L	0.0059	0.053	mg/L	0.0059	11.25%
V 292.402	13.4	-0.003	mg/L	0.0001	-0.003	mg/L	0.0001	3.97%
Zn 206.200	81.0	-0.029	mg/L	0.0003	-0.029	mg/L	0.0003	1.16%
Zn 213.857	481.7	-0.038	mg/L	0.0006	-0.038	mg/L	0.0006	1.60%

Sequence No.: 66
Sample ID: M02070411-01A
Analyst:
Nebulizer Back Pressure: 344.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 62
Date Collected: 7/15/02 5:44:26 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070411-01A

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	-360.9	-134.5	0.006	mg/L	0.006	mg/L	17:46:13
1	Ag 338.289	-110.1	-52.0	0.007	mg/L	0.007	mg/L	17:46:13
1	Al 308.215	45864.2	12553.6	0.815	mg/L	0.815	mg/L	17:46:08
1	Al 396.153	1177.8	1102.3	0.642	mg/L	0.642	mg/L	17:46:08
1	As 188.979	22.6	21.6	0.028	mg/L	0.028	mg/L	17:46:13
1	As 193.696	-19.1	-3.6	0.000	mg/L	0.000	mg/L	17:46:13
1	B 182.528	3638.7	3646.4	10.7	mg/L	10.7	mg/L	17:46:08
1	B 249.677	287450.2	287363.8	12.9	mg/L	12.9	mg/L	17:46:07
1	Ba 233.527	2535.6	2594.8	0.242	mg/L	0.242	mg/L	17:46:13
1	Be 313.107	157843.4	17333.6	-0.006	mg/L	-0.006	mg/L	17:46:08

Replicate Data: M02070413-01A

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	Ag 328.068	-364.5	-138.2	0.006	mg/L	0.006	mg/L	17:54:11
1	Ag 338.289	37.0	95.1	0.010	mg/L	0.010	mg/L	17:54:11
1	Al 308.215	39522.5	6211.8	0.273	mg/L	0.273	mg/L	17:54:06
1	Al 396.153	69.7	-5.9	0.010	mg/L	0.010	mg/L	17:54:06
1	As 188.979	0.1	-0.8	-0.010	mg/L	-0.010	mg/L	17:54:11
1	As 193.696	-40.8	-25.3	-0.030	mg/L	-0.030	mg/L	17:54:11
1	B 182.528	140.9	148.5	0.429	mg/L	0.429	mg/L	17:54:11
1	B 249.677	9664.1	9577.7	0.429	mg/L	0.429	mg/L	17:54:06
1	Ba 233.527	177.9	237.1	0.023	mg/L	0.023	mg/L	17:54:11
1	Be 313.107	159634.2	19124.4	-0.005	mg/L	-0.005	mg/L	17:54:06
1	Be 234.861	-744.7	-419.0	-0.017	mg/L	-0.017	mg/L	17:54:11
1	Ca 317.933	1360245.6	1360287.3	68.7	mg/L	68.7	mg/L	17:54:05
1	Cd 228.802	13.9	11.5	0.003	mg/L	0.003	mg/L	17:54:11
1	Cd 214.440	290.5	54.4	-0.004	mg/L	-0.004	mg/L	17:54:11
1	Co 228.616	-136.5	-28.2	0.004	mg/L	0.004	mg/L	17:54:11
1	Cr 205.560	-34.2	-0.9	0.002	mg/L	0.002	mg/L	17:54:11
1	Cr 267.716	177.9	30.7	0.003	mg/L	0.003	mg/L	17:54:11
1	Cu 327.393	-10983.7	1312.5	0.010	mg/L	0.010	mg/L	17:54:06
1	Cu 324.752	21654.3	7609.9	0.019	mg/L	0.019	mg/L	17:54:06
1	Fe 273.955	652.6	669.3	0.189	mg/L	0.189	mg/L	17:54:11
1	Fe 259.939	5062.3	5028.7	0.146	mg/L	0.146	mg/L	17:54:11
1	Fe 238.204	3125.6	2997.2	0.149	mg/L	0.149	mg/L	17:54:11
1	K 766.490	931141.7	930569.0	17.8	mg/L	17.8	mg/L	17:54:05
1	K 404.721	-12719.3	925.6	0.000	mg/L	0.000	mg/L	17:54:06
1	Li 670.784	7790.5	8300.7	0.030	mg/L	0.030	mg/L	17:54:06
1	Mg 285.213	4542135.8	4541378.8	20.3	mg/L	20.3	mg/L	17:54:05
1	Mn 257.610	8376.3	8425.0	0.089	mg/L	0.089	mg/L	17:54:11
1	Mo 202.031	221.5	215.5	0.062	mg/L	0.062	mg/L	17:54:11
1	Na 589.592	Saturated3	Saturated3					17:54:11
Saturated in preshot (code 3)								
1	Na 330.237	70349.1	71132.8	44.3	mg/L	44.3	mg/L	17:54:06
1	Ni 231.604	152.6	52.3	0.012	mg/L	0.012	mg/L	17:54:11
1	Pb 220.353	17.6	-6.4	0.019	mg/L	0.019	mg/L	17:54:1
1	Pb 217.000	17.6	17.1	0.027	mg/L	0.027	mg/L	17:54:11
1	Sb 206.836	36.5	17.3	0.012	mg/L	0.012	mg/L	17:54:11
1	Se 196.026	15.4	8.3	0.004	mg/L	0.004	mg/L	17:54:11
1	Se 203.985	-174.4	-114.3	-0.105	mg/L	-0.105	mg/L	17:54:11
1	Si 251.611	97964.9	97730.4	4.55	mg/L	4.55	mg/L	17:54:06
1	Ti 334.940	-1492.2	-494.6	-0.003	mg/L	-0.003	mg/L	17:54:11
1	Tl 276.787	393.6	264.6	0.206	mg/L	0.206	mg/L	17:54:11
1	Tl 190.801	-46.7	-25.2	-0.040	mg/L	-0.040	mg/L	17:54:11
1	V 290.880	11236.9	1967.8	0.044	mg/L	0.044	mg/L	17:54:06
1	V 292.402	122.0	-2.7	-0.003	mg/L	-0.003	mg/L	17:54:11
1	Zn 206.200	151.8	140.1	-0.018	mg/L	-0.018	mg/L	17:54:11
1	Zn 213.857	1265.9	933.5	-0.024	mg/L	-0.024	mg/L	17:54:11
2	Ag 328.068	-361.9	-135.5	0.006	mg/L	0.006	mg/L	17:54:19
2	Ag 338.289	26.2	84.3	0.010	mg/L	0.010	mg/L	17:54:19
2	Al 308.215	40120.0	6809.4	0.324	mg/L	0.324	mg/L	17:54:14
2	Al 396.153	42.5	-33.0	-0.006	mg/L	-0.006	mg/L	17:54:14
2	As 188.979	-7.0	-8.0	-0.022	mg/L	-0.022	mg/L	17:54:19
2	As 193.696	-41.8	-26.4	-0.031	mg/L	-0.031	mg/L	17:54:19
2	B 182.528	141.5	149.2	0.431	mg/L	0.431	mg/L	17:54:19
2	B 249.677	9487.6	9401.2	0.421	mg/L	0.421	mg/L	17:54:14
2	Ba 233.527	180.2	239.4	0.023	mg/L	0.023	mg/L	17:54:19
2	Be 313.107	161145.4	20635.6	-0.004	mg/L	-0.004	mg/L	17:54:14
2	Be 234.861	-729.3	-403.6	-0.017	mg/L	-0.017	mg/L	17:54:19
2	Ca 317.933	1362811.2	1362852.9	68.8	mg/L	68.8	mg/L	17:54:13
2	Cd 228.802	-2.3	-4.8	0.002	mg/L	0.002	mg/L	17:54:19
2	Cd 214.440	269.0	32.9	-0.006	mg/L	-0.006	mg/L	17:54:19
2	Co 228.616	-113.8	-5.5	0.008	mg/L	0.008	mg/L	17:54:19
2	Cr 205.560	-34.7	-1.4	0.002	mg/L	0.002	mg/L	17:54:19
2	Cr 267.716	159.1	11.9	0.002	mg/L	0.002	mg/L	17:54:19
2	Cu 327.393	-11125.0	1171.2	0.010	mg/L	0.010	mg/L	17:54:14
2	Cu 324.752	21957.2	7912.8	0.020	mg/L	0.020	mg/L	17:54:14
2	Fe 273.955	645.9	662.6	0.187	mg/L	0.187	mg/L	17:54:1
2	Fe 259.939	5043.2	5009.6	0.146	mg/L	0.146	mg/L	17:54:1
2	Fe 238.204	3116.2	2987.8	0.149	mg/L	0.149	mg/L	17:54:19
2	K 766.490	949219.7	948647.0	18.1	mg/L	18.1	mg/L	17:54:13
2	K 404.721	-12707.3	937.6	0.000	mg/L	0.000	mg/L	17:54:14

2	Li 670.784	8028.3	8538.5	0.030 mg/L	0.030 mg/L	17:54:14
2	Mg 285.213	4569257.4	4568500.3	20.4 mg/L	20.4 mg/L	17:54:13
2	Mn 257.610	8388.0	8436.6	0.089 mg/L	0.089 mg/L	17:54:19
2	Mo 202.031	212.0	205.9	0.059 mg/L	0.059 mg/L	17:54:19
2	Na 589.592	Saturated3	Saturated3			17:54:19
Saturated in preshot (code 3)						
2	Na 330.237	72143.4	72927.0	45.4 mg/L	45.4 mg/L	17:54:14
2	Ni 231.604	156.9	56.5	0.012 mg/L	0.012 mg/L	17:54:19
2	Pb 220.353	34.8	10.8	0.028 mg/L	0.028 mg/L	17:54:19
2	Pb 217.000	20.3	19.8	0.030 mg/L	0.030 mg/L	17:54:19
2	Sb 206.836	28.2	9.1	0.007 mg/L	0.007 mg/L	17:54:19
2	Se 196.026	8.2	1.1	-0.006 mg/L	-0.006 mg/L	17:54:19
2	Se 203.985	-175.4	-115.3	-0.106 mg/L	-0.106 mg/L	17:54:19
2	Si 251.611	99337.4	99102.9	4.61 mg/L	4.61 mg/L	17:54:14
2	Ti 334.940	-1515.3	-517.6	-0.004 mg/L	-0.004 mg/L	17:54:19
2	Tl 276.787	379.2	250.2	0.196 mg/L	0.196 mg/L	17:54:19
2	Tl 190.801	-31.9	-10.4	0.008 mg/L	0.008 mg/L	17:54:19
2	V 290.880	11429.3	2160.1	0.053 mg/L	0.053 mg/L	17:54:14
2	V 292.402	121.8	-2.9	-0.003 mg/L	-0.003 mg/L	17:54:19
2	Zn 206.200	150.4	138.7	-0.018 mg/L	-0.018 mg/L	17:54:19
2	Zn 213.857	1259.2	926.8	-0.024 mg/L	-0.024 mg/L	17:54:19
3	Ag 328.068	-318.1	-91.7	0.007 mg/L	0.007 mg/L	17:54:28
3	Ag 338.289	29.8	87.9	0.010 mg/L	0.010 mg/L	17:54:28
3	Al 308.215	39848.3	6537.6	0.301 mg/L	0.301 mg/L	17:54:22
3	Al 396.153	208.6	133.1	0.089 mg/L	0.089 mg/L	17:54:22
3	As 188.979	1.7	0.8	-0.007 mg/L	-0.007 mg/L	17:54:28
3	As 193.696	-27.7	-12.2	-0.012 mg/L	-0.012 mg/L	17:54:28
3	B 182.528	145.5	153.2	0.443 mg/L	0.443 mg/L	17:54:28
3	B 249.677	9586.1	9499.7	0.425 mg/L	0.425 mg/L	17:54:22
3	Ba 233.527	180.1	239.3	0.023 mg/L	0.023 mg/L	17:54:28
3	Be 313.107	160510.4	20000.5	-0.005 mg/L	-0.005 mg/L	17:54:22
3	Be 234.861	-765.2	-439.5	-0.017 mg/L	-0.017 mg/L	17:54:28
3	Ca 317.933	1362785.4	1362827.2	68.8 mg/L	68.8 mg/L	17:54:21
3	Cd 228.802	16.3	13.9	0.004 mg/L	0.004 mg/L	17:54:28
3	Cd 214.440	262.4	26.3	-0.006 mg/L	-0.006 mg/L	17:54:28
3	Co 228.616	-116.6	-8.3	0.008 mg/L	0.008 mg/L	17:54:28
3	Cr 205.560	-40.4	-7.0	0.001 mg/L	0.001 mg/L	17:54:28
3	Cr 267.716	220.9	73.7	0.005 mg/L	0.005 mg/L	17:54:28
3	Cu 327.393	-11249.9	1046.3	0.009 mg/L	0.009 mg/L	17:54:22
3	Cu 324.752	22035.8	7991.4	0.021 mg/L	0.021 mg/L	17:54:22
3	Fe 273.955	639.8	656.5	0.185 mg/L	0.185 mg/L	17:54:28
3	Fe 259.939	5068.2	5034.6	0.147 mg/L	0.147 mg/L	17:54:28
3	Fe 238.204	3153.3	3025.0	0.151 mg/L	0.151 mg/L	17:54:28
3	K 766.490	950038.2	949465.5	18.2 mg/L	18.2 mg/L	17:54:21
3	K 404.721	-12702.0	942.9	0.000 mg/L	0.000 mg/L	17:54:22
3	Li 670.784	7577.9	8088.0	0.030 mg/L	0.030 mg/L	17:54:22
3	Mg 285.213	4568633.4	4567876.4	20.4 mg/L	20.4 mg/L	17:54:21
3	Mn 257.610	8455.5	8504.2	0.090 mg/L	0.090 mg/L	17:54:28
3	Mo 202.031	210.5	204.5	0.059 mg/L	0.059 mg/L	17:54:28
3	Na 589.592	Saturated3	Saturated3			17:54:28
Saturated in preshot (code 3)						
3	Na 330.237	71708.4	72492.1	45.1 mg/L	45.1 mg/L	17:54:22
3	Ni 231.604	149.7	49.4	0.011 mg/L	0.011 mg/L	17:54:28
3	Pb 220.353	43.5	19.5	0.033 mg/L	0.033 mg/L	17:54:28
3	Pb 217.000	15.4	15.0	0.024 mg/L	0.024 mg/L	17:54:28
3	Sb 206.836	44.2	25.0	0.017 mg/L	0.017 mg/L	17:54:28
3	Se 196.026	6.9	-0.2	-0.008 mg/L	-0.008 mg/L	17:54:28
3	Se 203.985	-178.0	-117.9	-0.108 mg/L	-0.108 mg/L	17:54:28
3	Si 251.611	99230.7	98996.2	4.61 mg/L	4.61 mg/L	17:54:22
3	Ti 334.940	-1515.0	-517.3	-0.004 mg/L	-0.004 mg/L	17:54:28
3	Tl 276.787	365.6	236.7	0.186 mg/L	0.186 mg/L	17:54:28
3	Tl 190.801	-33.3	-11.8	0.004 mg/L	0.004 mg/L	17:54:28
3	V 290.880	11433.3	2164.1	0.053 mg/L	0.053 mg/L	17:54:22
3	V 292.402	130.0	5.3	-0.003 mg/L	-0.003 mg/L	17:54:28
3	Zn 206.200	148.8	137.1	-0.019 mg/L	-0.019 mg/L	17:54:28
3	Zn 213.857	1264.2	931.9	-0.024 mg/L	-0.024 mg/L	17:54:28

Mean Data: M02070413-01A

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-121.8	0.006	mg/L	0.0002	0.006	mg/L	0.0002	3.50%
Ag 338.289	89.1	0.010	mg/L	0.0001	0.010	mg/L	0.0001	1.30%

Al 308.215	6519.6	0.299 mg/L	0.0256	0.299 mg/L	0.0256	8.54%
Al 396.153	31.4	0.031 mg/L	0.0508	0.031 mg/L	0.0508	163.30%
As 188.979	-2.7	-0.013 mg/L	0.0078	-0.013 mg/L	0.0078	60.72%
As 193.696	-21.3	-0.024 mg/L	0.0107	-0.024 mg/L	0.0107	44.12
B 182.528	150.3	0.435 mg/L	0.0074	0.435 mg/L	0.0074	1.70
B 249.677	9492.9	0.425 mg/L	0.0040	0.425 mg/L	0.0040	0.94%
Ba 233.527	238.6	0.023 mg/L	0.0001	0.023 mg/L	0.0001	0.53%
Be 313.107	19920.2	-0.005 mg/L	0.0005	-0.005 mg/L	0.0005	11.53%
Be 234.861	-420.7	-0.017 mg/L	0.0001	-0.017 mg/L	0.0001	0.35%
Ca 317.933	1361989.2	68.8 mg/L	0.07	68.8 mg/L	0.07	0.11%
Cd 228.802	6.8	0.003 mg/L	0.0012	0.003 mg/L	0.0012	39.99%
Cd 214.440	37.9	-0.006 mg/L	0.0011	-0.006 mg/L	0.0011	19.86%
Co 228.616	-14.0	0.007 mg/L	0.0023	0.007 mg/L	0.0023	34.08%
Cr 205.560	-3.1	0.002 mg/L	0.0006	0.002 mg/L	0.0006	31.06%
Cr 267.716	38.8	0.003 mg/L	0.0014	0.003 mg/L	0.0014	39.30%
Cu 327.393	1176.7	0.010 mg/L	0.0008	0.010 mg/L	0.0008	7.95%
Cu 324.752	7838.1	0.020 mg/L	0.0006	0.020 mg/L	0.0006	3.16%
Fe 273.955	662.8	0.187 mg/L	0.0021	0.187 mg/L	0.0021	1.13%
Fe 259.939	5024.3	0.146 mg/L	0.0005	0.146 mg/L	0.0005	0.32%
Fe 238.204	3003.3	0.150 mg/L	0.0012	0.150 mg/L	0.0012	0.79%
K 766.490	942893.8	18.0 mg/L	0.20	18.0 mg/L	0.20	1.12%
K 404.721	935.4	0.000 mg/L	0.0000	0.000 mg/L	0.0000	0.00%
Li 670.784	8309.1	0.030 mg/L	0.0002	0.030 mg/L	0.0002	0.54%
Mg 285.213	4559251.8	20.4 mg/L	0.07	20.4 mg/L	0.07	0.34%
Mn 257.610	8455.2	0.089 mg/L	0.0005	0.089 mg/L	0.0005	0.52%
Mo 202.031	208.7	0.060 mg/L	0.0017	0.060 mg/L	0.0017	2.78%
Na 589.592	Saturated3					
Saturated in preshot (code 3)						
Na 330.237	72184.0	44.9 mg/L	0.58	44.9 mg/L	0.58	1.30%
Ni 231.604	52.7	0.012 mg/L	0.0005	0.012 mg/L	0.0005	4.22%
Pb 220.353	8.0	0.027 mg/L	0.0069	0.027 mg/L	0.0069	25.83%
Pb 217.000	17.3	0.027 mg/L	0.0030	0.027 mg/L	0.0030	11.09%
Sb 206.836	17.1	0.012 mg/L	0.0050	0.012 mg/L	0.0050	40.41%
Se 196.026	3.0	-0.004 mg/L	0.0064	-0.004 mg/L	0.0064	177.41%
Se 203.985	-115.8	-0.106 mg/L	0.0018	-0.106 mg/L	0.0018	1.69%
Si 251.611	98609.8	4.59 mg/L	0.036	4.59 mg/L	0.036	0.78%
Ti 334.940	-509.8	-0.003 mg/L	0.0001	-0.003 mg/L	0.0001	2.42
Tl 276.787	250.5	0.196 mg/L	0.0098	0.196 mg/L	0.0098	4.99
Tl 190.801	-15.8	-0.009 mg/L	0.0263	-0.009 mg/L	0.0263	283.38%
V 290.880	2097.4	0.050 mg/L	0.0052	0.050 mg/L	0.0052	10.45%
V 292.402	-0.1	-0.003 mg/L	0.0001	-0.003 mg/L	0.0001	3.84%
Zn 206.200	138.6	-0.018 mg/L	0.0003	-0.018 mg/L	0.0003	1.54%
Zn 213.857	930.8	-0.024 mg/L	0.0001	-0.024 mg/L	0.0001	0.46%

==========

Sequence No.: 70
Sample ID: M02070413-01A dup
Analyst:
Nebulizer Back Pressure: 344.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 66
Date Collected: 7/15/02 5:55:04 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070413-01A dup

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	Ag 328.068	-392.9	-166.6	0.006	mg/L	0.006	mg/L	17:56:48
1	Ag 338.289	21.2	79.3	0.010	mg/L	0.010	mg/L	17:56:48
1	Al 308.215	39857.0	6546.4	0.302	mg/L	0.302	mg/L	17:56:42
1	Al 396.153	179.6	104.1	0.073	mg/L	0.073	mg/L	17:56:42
1	As 188.979	-5.2	-6.2	-0.019	mg/L	-0.019	mg/L	17:56:48
1	As 193.696	-25.5	-10.0	-0.009	mg/L	-0.009	mg/L	17:56:48
1	B 182.528	132.0	139.6	0.403	mg/L	0.403	mg/L	17:56:48
1	B 249.677	8508.3	8421.9	0.377	mg/L	0.377	mg/L	17:56:42
1	Ba 233.527	158.7	217.9	0.021	mg/L	0.021	mg/L	17:56:48
1	Be 313.107	160801.6	20291.8	-0.004	mg/L	-0.004	mg/L	17:56:42
1	Be 234.861	-724.2	-398.5	-0.017	mg/L	-0.017	mg/L	17:56:48
1	Ca 317.933	1356771.2	1356812.9	68.5	mg/L	68.5	mg/L	17:56:41
1	Cd 228.802	13.3	10.8	0.003	mg/L	0.003	mg/L	17:56:48
1	Cd 214.440	269.4	33.3	-0.006	mg/L	-0.006	mg/L	17:56:
1	Co 228.616	-134.2	-26.0	0.005	mg/L	0.005	mg/L	17:56:48
1	Cr 205.560	-39.4	-6.1	0.001	mg/L	0.001	mg/L	17:56:48
1	Cr 267.716	183.7	36.5	0.003	mg/L	0.003	mg/L	17:56:48

1	Cu 327.393	-12877.0	-580.8	0.000 mg/L	0.000 mg/L	17:56:42
1	Cu 324.752	18944.4	4900.1	0.011 mg/L	0.011 mg/L	17:56:42
1	Fe 273.955	567.6	584.3	0.161 mg/L	0.161 mg/L	17:56:48
1	Fe 259.939	4507.4	4473.8	0.126 mg/L	0.126 mg/L	17:56:48
1	Fe 238.204	2816.0	2687.7	0.130 mg/L	0.130 mg/L	17:56:48
1	K 766.490	923846.5	923273.8	17.7 mg/L	17.7 mg/L	17:56:41
1	K 404.721	-12611.8	1033.1	0.000 mg/L	0.000 mg/L	17:56:42
1	Li 670.784	7254.6	7764.8	0.029 mg/L	0.029 mg/L	17:56:42
1	Mg 285.213	4541138.9	4540381.9	20.3 mg/L	20.3 mg/L	17:56:41
1	Mn 257.610	8363.3	8412.0	0.089 mg/L	0.089 mg/L	17:56:48
1	Mo 202.031	212.7	206.7	0.059 mg/L	0.059 mg/L	17:56:48
1	Na 589.592	Saturated3	Saturated3			17:56:48
Saturated in preshot (code 3)						
1	Na 330.237	67797.3	68581.0	42.7 mg/L	42.7 mg/L	17:56:42
1	Ni 231.604	190.1	89.8	0.017 mg/L	0.017 mg/L	17:56:48
1	Pb 220.353	38.0	14.0	0.030 mg/L	0.030 mg/L	17:56:48
1	Pb 217.000	2.6	2.2	0.008 mg/L	0.008 mg/L	17:56:48
1	Sb 206.836	53.1	33.9	0.023 mg/L	0.023 mg/L	17:56:48
1	Se 196.026	14.0	6.9	0.002 mg/L	0.002 mg/L	17:56:48
1	Se 203.985	-179.5	-119.4	-0.110 mg/L	-0.110 mg/L	17:56:48
1	Si 251.611	99389.8	99155.2	4.62 mg/L	4.62 mg/L	17:56:42
1	Ti 334.940	-1519.8	-522.2	-0.004 mg/L	-0.004 mg/L	17:56:48
1	Tl 276.787	357.6	228.6	0.180 mg/L	0.180 mg/L	17:56:48
1	Tl 190.801	-41.7	-20.2	-0.023 mg/L	-0.023 mg/L	17:56:48
1	V 290.880	11430.7	2161.6	0.053 mg/L	0.053 mg/L	17:56:42
1	V 292.402	117.2	-7.5	-0.003 mg/L	-0.003 mg/L	17:56:48
1	Zn 206.200	115.0	103.2	-0.025 mg/L	-0.025 mg/L	17:56:48
1	Zn 213.857	1057.6	725.2	-0.030 mg/L	-0.030 mg/L	17:56:48
2	Ag 328.068	-370.3	-143.9	0.006 mg/L	0.006 mg/L	17:56:56
2	Ag 338.289	-16.1	42.0	0.009 mg/L	0.009 mg/L	17:56:56
2	Al 308.215	39502.1	6191.5	0.271 mg/L	0.271 mg/L	17:56:51
2	Al 396.153	97.4	21.9	0.026 mg/L	0.026 mg/L	17:56:51
2	As 188.979	0.1	-0.9	-0.010 mg/L	-0.010 mg/L	17:56:56
2	As 193.696	-32.2	-16.7	-0.018 mg/L	-0.018 mg/L	17:56:56
2	B 182.528	116.7	124.3	0.358 mg/L	0.358 mg/L	17:56:56
2	B 249.677	8577.2	8490.7	0.380 mg/L	0.380 mg/L	17:56:51
2	Ba 233.527	143.3	202.4	0.019 mg/L	0.019 mg/L	17:56:56
2	Be 313.107	159750.6	19240.7	-0.005 mg/L	-0.005 mg/L	17:56:51
2	Be 234.861	-721.1	-395.4	-0.017 mg/L	-0.017 mg/L	17:56:56
2	Ca 317.933	1361274.4	1361316.2	68.7 mg/L	68.7 mg/L	17:56:49
2	Cd 228.802	-10.5	-12.9	0.001 mg/L	0.001 mg/L	17:56:56
2	Cd 214.440	258.7	22.6	-0.007 mg/L	-0.007 mg/L	17:56:56
2	Co 228.616	-113.9	-5.6	0.008 mg/L	0.008 mg/L	17:56:56
2	Cr 205.560	-30.8	2.5	0.003 mg/L	0.003 mg/L	17:56:56
2	Cr 267.716	201.7	54.5	0.004 mg/L	0.004 mg/L	17:56:56
2	Cu 327.393	-12708.2	-412.0	0.000 mg/L	0.000 mg/L	17:56:51
2	Cu 324.752	18867.8	4823.5	0.011 mg/L	0.011 mg/L	17:56:51
2	Fe 273.955	546.0	562.7	0.154 mg/L	0.154 mg/L	17:56:56
2	Fe 259.939	4489.1	4455.5	0.125 mg/L	0.125 mg/L	17:56:56
2	Fe 238.204	2822.1	2693.7	0.131 mg/L	0.131 mg/L	17:56:56
2	K 766.490	930521.3	929948.6	17.8 mg/L	17.8 mg/L	17:56:49
2	K 404.721	-12840.6	804.4	0.000 mg/L	0.000 mg/L	17:56:51
2	Li 670.784	7474.9	7985.1	0.029 mg/L	0.029 mg/L	17:56:51
2	Mg 285.213	4568567.2	4567810.2	20.4 mg/L	20.4 mg/L	17:56:49
2	Mn 257.610	8364.5	8413.1	0.089 mg/L	0.089 mg/L	17:56:56
2	Mo 202.031	220.0	214.0	0.061 mg/L	0.061 mg/L	17:56:56
2	Na 589.592	Saturated3	Saturated3			17:56:56
Saturated in preshot (code 3)						
2	Na 330.237	67386.5	68170.2	42.4 mg/L	42.4 mg/L	17:56:51
2	Ni 231.604	151.2	50.9	0.012 mg/L	0.012 mg/L	17:56:56
2	Pb 220.353	29.3	5.4	0.025 mg/L	0.025 mg/L	17:56:56
2	Pb 217.000	16.7	16.2	0.026 mg/L	0.026 mg/L	17:56:56
2	Sb 206.836	44.6	25.4	0.017 mg/L	0.017 mg/L	17:56:56
2	Se 196.026	16.1	9.0	0.005 mg/L	0.005 mg/L	17:56:56
2	Se 203.985	-172.3	-112.2	-0.103 mg/L	-0.103 mg/L	17:56:56
2	Si 251.611	98823.2	98588.6	4.59 mg/L	4.59 mg/L	17:56:51
2	Ti 334.940	-1522.5	-524.8	-0.004 mg/L	-0.004 mg/L	17:56:56
2	Tl 276.787	366.7	237.7	0.187 mg/L	0.187 mg/L	17:56:56
2	Tl 190.801	-30.3	-8.8	0.013 mg/L	0.013 mg/L	17:56:56
2	V 290.880	11343.3	2074.2	0.049 mg/L	0.049 mg/L	17:56:51
2	V 292.402	151.2	26.5	-0.002 mg/L	-0.002 mg/L	17:56:56
2	Zn 206.200	101.3	89.5	-0.028 mg/L	-0.028 mg/L	17:56:56
2	Zn 213.857	1039.2	706.8	-0.031 mg/L	-0.031 mg/L	17:56:56

3	Ag 328.068	-328.5	-102.1	0.007 mg/L	0.007 mg/L	17:57:04
3	Ag 338.289	28.3	86.4	0.010 mg/L	0.010 mg/L	17:57:04
3	Al 308.215	39814.3	6503.6	0.298 mg/L	0.298 mg/L	17:56:5[illegible]
3	Al 396.153	130.7	55.2	0.045 mg/L	0.045 mg/L	17:56:[illegible]
3	As 188.979	7.0	6.1	0.002 mg/L	0.002 mg/L	17:57:04
3	As 193.696	-46.4	-30.9	-0.037 mg/L	-0.037 mg/L	17:57:04
3	B 182.528	128.7	136.4	0.394 mg/L	0.394 mg/L	17:57:04
3	B 249.677	8415.9	8329.5	0.373 mg/L	0.373 mg/L	17:56:59
3	Ba 233.527	168.0	227.2	0.022 mg/L	0.022 mg/L	17:57:04
3	Be 313.107	161278.1	20768.3	-0.004 mg/L	-0.004 mg/L	17:56:59
3	Be 234.861	-698.6	-372.9	-0.017 mg/L	-0.017 mg/L	17:57:04
3	Ca 317.933	1369241.6	1369283.4	69.1 mg/L	69.1 mg/L	17:56:57
3	Cd 228.802	6.1	3.6	0.003 mg/L	0.003 mg/L	17:57:04
3	Cd 214.440	266.4	30.3	-0.006 mg/L	-0.006 mg/L	17:57:04
3	Co 228.616	-140.3	-32.1	0.003 mg/L	0.003 mg/L	17:57:04
3	Cr 205.560	-44.6	-11.3	0.000 mg/L	0.000 mg/L	17:57:04
3	Cr 267.716	171.8	24.6	0.003 mg/L	0.003 mg/L	17:57:04
3	Cu 327.393	-12708.6	-412.3	0.000 mg/L	0.000 mg/L	17:56:59
3	Cu 324.752	19188.1	5143.7	0.012 mg/L	0.012 mg/L	17:56:59
3	Fe 273.955	583.5	600.2	0.166 mg/L	0.166 mg/L	17:57:04
3	Fe 259.939	4508.7	4475.1	0.126 mg/L	0.126 mg/L	17:57:04
3	Fe 238.204	2828.7	2700.4	0.131 mg/L	0.131 mg/L	17:57:04
3	K 766.490	950604.2	950031.5	18.2 mg/L	18.2 mg/L	17:56:57
3	K 404.721	-12710.3	934.6	0.000 mg/L	0.000 mg/L	17:56:59
3	Li 670.784	7337.2	7847.3	0.029 mg/L	0.029 mg/L	17:56:59
3	Mg 285.213	4609134.8	4608377.8	20.6 mg/L	20.6 mg/L	17:56:57
3	Mn 257.610	8356.5	8405.1	0.088 mg/L	0.088 mg/L	17:57:04
3	Mo 202.031	212.3	206.3	0.059 mg/L	0.059 mg/L	17:57:04
3	Na 589.592	Saturated3	Saturated3			17:57:04
Saturated in preshot (code 3)						
3	Na 330.237	68301.6	69085.3	43.0 mg/L	43.0 mg/L	17:56:59
3	Ni 231.604	161.7	61.4	0.013 mg/L	0.013 mg/L	17:57:04
3	Pb 220.353	25.3	1.4	0.023 mg/L	0.023 mg/L	17:57:04
3	Pb 217.000	14.1	13.7	0.023 mg/L	0.023 mg/L	17:57:04
3	Sb 206.836	37.1	17.9	0.013 mg/L	0.013 mg/L	17:57:04
3	Se 196.026	21.4	14.3	0.012 mg/L	0.012 mg/L	17:57:0[illegible]
3	Se 203.985	-167.1	-107.0	-0.098 mg/L	-0.098 mg/L	17:57:[illegible]
3	Si 251.611	100068.4	99833.8	4.65 mg/L	4.65 mg/L	17:56:59
3	Ti 334.940	-1510.3	-512.7	-0.003 mg/L	-0.003 mg/L	17:57:04
3	Tl 276.787	379.9	250.9	0.196 mg/L	0.196 mg/L	17:57:04
3	Tl 190.801	-39.2	-17.7	-0.015 mg/L	-0.015 mg/L	17:57:04
3	V 290.880	11313.8	2044.7	0.047 mg/L	0.047 mg/L	17:56:59
3	V 292.402	129.1	4.4	-0.003 mg/L	-0.003 mg/L	17:57:04
3	Zn 206.200	100.0	88.3	-0.028 mg/L	-0.028 mg/L	17:57:04
3	Zn 213.857	1068.3	735.9	-0.030 mg/L	-0.030 mg/L	17:57:04

Mean Data: M02070413-01A dup

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-137.5	0.006	mg/L	0.0003	0.006	mg/L	0.0003	4.48%
Ag 338.289	69.2	0.010	mg/L	0.0006	0.010	mg/L	0.0006	5.88%
Al 308.215	6413.8	0.290	mg/L	0.0166	0.290	mg/L	0.0166	5.70%
Al 396.153	60.4	0.048	mg/L	0.0236	0.048	mg/L	0.0236	49.52%
As 188.979	-0.3	-0.009	mg/L	0.0102	-0.009	mg/L	0.0102	115.53%
As 193.696	-19.2	-0.021	mg/L	0.0145	-0.021	mg/L	0.0145	67.61%
B 182.528	133.4	0.385	mg/L	0.0236	0.385	mg/L	0.0236	6.14%
B 249.677	8414.0	0.376	mg/L	0.0036	0.376	mg/L	0.0036	0.97%
Ba 233.527	215.8	0.021	mg/L	0.0012	0.021	mg/L	0.0012	5.61%
Be 313.107	20100.3	-0.004	mg/L	0.0005	-0.004	mg/L	0.0005	12.21%
Be 234.861	-388.9	-0.017	mg/L	0.0000	-0.017	mg/L	0.0000	0.27%
Ca 317.933	1362470.8	68.8	mg/L	0.32	68.8	mg/L	0.32	0.46%
Cd 228.802	0.5	0.002	mg/L	0.0014	0.002	mg/L	0.0014	63.93%
Cd 214.440	28.7	-0.006	mg/L	0.0004	-0.006	mg/L	0.0004	6.63%
Co 228.616	-21.2	0.006	mg/L	0.0026	0.006	mg/L	0.0026	47.48%
Cr 205.560	-5.0	0.001	mg/L	0.0011	0.001	mg/L	0.0011	75.78%
Cr 267.716	38.5	0.003	mg/L	0.0006	0.003	mg/L	0.0006	18.73%
Cu 327.393	-468.4	0.000	mg/L	0.0006	0.000	mg/L	0.0006	337.55%
Cu 324.752	4955.8	0.011	mg/L	0.0005	0.011	mg/L	0.0005	4.80
Fe 273.955	582.4	0.160	mg/L	0.0062	0.160	mg/L	0.0062	3.87%
Fe 259.939	4468.1	0.126	mg/L	0.0004	0.126	mg/L	0.0004	0.32%
Fe 238.204	2693.9	0.131	mg/L	0.0004	0.131	mg/L	0.0004	0.30%
K 766.490	934418.0	17.9	mg/L	0.26	17.9	mg/L	0.26	1.47%

K 404.721	924.0	0.000 mg/L	0.0000	0.000 mg/L	0.0000	0.00%
Li 670.784	7865.8	0.029 mg/L	0.0001	0.029 mg/L	0.0001	0.27%
Mg 285.213	4572189.9	20.4 mg/L	0.15	20.4 mg/L	0.15	0.75%
Mn 257.610	8410.1	0.089 mg/L	0.0000	0.089 mg/L	0.0000	0.05%
Mo 202.031	209.0	0.060 mg/L	0.0012	0.060 mg/L	0.0012	2.01%
Na 589.592	Saturated3					
Saturated in preshot (code 3)						
Na 330.237	68612.1	42.7 mg/L	0.29	42.7 mg/L	0.29	0.67%
Ni 231.604	67.4	0.014 mg/L	0.0028	0.014 mg/L	0.0028	20.22%
Pb 220.353	6.9	0.026 mg/L	0.0034	0.026 mg/L	0.0034	13.00%
Pb 217.000	10.7	0.019 mg/L	0.0093	0.019 mg/L	0.0093	49.29%
Sb 206.836	25.8	0.018 mg/L	0.0050	0.018 mg/L	0.0050	28.22%
Se 196.026	10.1	0.006 mg/L	0.0053	0.006 mg/L	0.0053	85.73%
Se 203.985	-112.9	-0.103 mg/L	0.0060	-0.103 mg/L	0.0060	5.79%
Si 251.611	99192.5	4.62 mg/L	0.029	4.62 mg/L	0.029	0.63%
Ti 334.940	-519.9	-0.004 mg/L	0.0000	-0.004 mg/L	0.0000	1.14%
Tl 276.787	239.1	0.188 mg/L	0.0078	0.188 mg/L	0.0078	4.18%
Tl 190.801	-15.6	-0.009 mg/L	0.0192	-0.009 mg/L	0.0192	225.47%
V 290.880	2093.5	0.050 mg/L	0.0028	0.050 mg/L	0.0028	5.68%
V 292.402	7.8	-0.003 mg/L	0.0004	-0.003 mg/L	0.0004	15.17%
Zn 206.200	93.7	-0.027 mg/L	0.0015	-0.027 mg/L	0.0015	5.75%
Zn 213.857	722.7	-0.030 mg/L	0.0005	-0.030 mg/L	0.0005	1.53%

Sequence No.: 71
Sample ID: M02070413-01A ms
Analyst:
Nebulizer Back Pressure: 344.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 67
Date Collected: 7/15/02 5:57:40 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070413-01A ms

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	119864.4	120090.7	1.03	mg/L	1.03	mg/L	17:59:21
1	Ag 338.289	42297.8	42355.9	1.03	mg/L	1.03	mg/L	17:59:21
1	Al 308.215	52661.0	19350.4	1.40	mg/L	1.40	mg/L	17:59:21
1	Al 396.153	2246.8	2171.3	1.25	mg/L	1.25	mg/L	17:59:21
1	As 188.979	615.4	614.4	1.01	mg/L	1.01	mg/L	17:59:26
1	As 193.696	756.3	771.8	1.06	mg/L	1.06	mg/L	17:59:26
1	B 182.528	445.5	453.1	1.32	mg/L	1.32	mg/L	17:59:26
1	B 249.677	28527.8	28441.4	1.28	mg/L	1.28	mg/L	17:59:21
1	Ba 233.527	12064.8	12124.0	1.13	mg/L	1.13	mg/L	17:59:26
1	Be 313.107	1779967.7	1639457.9	1.12	mg/L	1.12	mg/L	17:59:19
1	Be 234.861	316709.9	317035.6	1.06	mg/L	1.06	mg/L	17:59:21
1	Ca 317.933	728229.3	728271.0	36.8	mg/L	36.8	mg/L	17:59:19
1	Cd 228.802	9981.8	9979.4	1.15	mg/L	1.15	mg/L	17:59:26
1	Cd 214.440	15205.5	14969.4	1.12	mg/L	1.12	mg/L	17:59:21
1	Co 228.616	5812.3	5920.6	1.13	mg/L	1.13	mg/L	17:59:26
1	Cr 205.560	6710.0	6743.3	1.09	mg/L	1.09	mg/L	17:59:26
1	Cr 267.716	25271.1	25123.9	1.09	mg/L	1.09	mg/L	17:59:21
1	Cu 327.393	178506.5	190802.7	1.10	mg/L	1.10	mg/L	17:59:21
1	Cu 324.752	376508.7	362464.3	1.14	mg/L	1.14	mg/L	17:59:21
1	Fe 273.955	3842.6	3859.3	1.24	mg/L	1.24	mg/L	17:59:26
1	Fe 259.939	33522.9	33489.3	1.18	mg/L	1.18	mg/L	17:59:21
1	Fe 238.204	19533.7	19405.3	1.15	mg/L	1.15	mg/L	17:59:21
1	K 766.490	1272443.8	1271871.1	24.2	mg/L	24.2	mg/L	17:59:18
1	K 404.721	-13200.4	444.6	0.000	mg/L	0.000	mg/L	17:59:21
1	Li 670.784	Saturated2	Saturated2					17:59:26
Saturated in preshot (code 2)								
1	Mg 285.213	2737008.1	2736251.1	12.2	mg/L	12.2	mg/L	17:59:19
1	Mn 257.610	108365.7	108414.3	1.17	mg/L	1.17	mg/L	17:59:21
1	Mo 202.031	3953.9	3947.8	1.10	mg/L	1.10	mg/L	17:59:26
1	Na 589.592	Saturated3	Saturated3					17:59:26
Saturated in preshot (code 3)								
1	Na 330.237	34348.4	35132.1	21.8	mg/L	21.8	mg/L	17:59:21
1	Ni 231.604	8345.4	8245.1	1.15	mg/L	1.15	mg/L	17:59:26
1	Pb 220.353	2341.8	2317.9	1.24	mg/L	1.24	mg/L	17:59:26
1	Pb 217.000	997.8	997.3	1.25	mg/L	1.25	mg/L	17:59:26
1	Sb 206.836	1699.7	1680.5	1.04	mg/L	1.04	mg/L	17:59:26
1	Se 196.026	796.5	789.4	1.09	mg/L	1.09	mg/L	17:59:26
1	Se 203.985	997.2	1057.3	1.02	mg/L	1.02	mg/L	17:59:26

1	Si 251.611	60745.8	60511.2	2.81 mg/L	2.81 mg/L	17:59:21
1	Ti 334.940	167462.0	168459.6	1.06 mg/L	1.06 mg/L	17:59:21
1	Tl 276.787	2031.0	1902.0	1.35 mg/L	1.35 mg/L	17:59:2[illegible]
1	Tl 190.801	363.8	385.3	1.28 mg/L	1.28 mg/L	17:59:2[illegible]
1	V 290.880	33580.5	24311.4	1.08 mg/L	1.08 mg/L	17:59:21
1	V 292.402	46444.2	46319.5	1.08 mg/L	1.08 mg/L	17:59:21
1	Zn 206.200	5946.6	5934.8	1.06 mg/L	1.06 mg/L	17:59:26
1	Zn 213.857	37072.1	36739.8	1.10 mg/L	1.10 mg/L	17:59:21
2	Ag 328.068	122174.7	122401.1	1.05 mg/L	1.05 mg/L	17:59:30
2	Ag 338.289	43119.7	43177.8	1.05 mg/L	1.05 mg/L	17:59:30
2	Al 308.215	53246.5	19935.9	1.45 mg/L	1.45 mg/L	17:59:30
2	Al 396.153	2235.4	2159.9	1.25 mg/L	1.25 mg/L	17:59:30
2	As 188.979	608.4	607.5	1.00 mg/L	1.00 mg/L	17:59:35
2	As 193.696	756.8	772.3	1.06 mg/L	1.06 mg/L	17:59:35
2	B 182.528	443.8	451.4	1.32 mg/L	1.32 mg/L	17:59:35
2	B 249.677	28964.7	28878.3	1.30 mg/L	1.30 mg/L	17:59:30
2	Ba 233.527	12157.5	12216.7	1.14 mg/L	1.14 mg/L	17:59:35
2	Be 313.107	1754693.8	1614184.0	1.11 mg/L	1.11 mg/L	17:59:29
2	Be 234.861	319017.2	319342.9	1.07 mg/L	1.07 mg/L	17:59:30
2	Ca 317.933	713487.8	713529.6	36.0 mg/L	36.0 mg/L	17:59:29
2	Cd 228.802	10038.7	10036.2	1.16 mg/L	1.16 mg/L	17:59:35
2	Cd 214.440	15180.1	14944.0	1.12 mg/L	1.12 mg/L	17:59:30
2	Co 228.616	5865.3	5973.5	1.14 mg/L	1.14 mg/L	17:59:35
2	Cr 205.560	6761.7	6795.0	1.10 mg/L	1.10 mg/L	17:59:35
2	Cr 267.716	25314.0	25166.9	1.09 mg/L	1.09 mg/L	17:59:30
2	Cu 327.393	181518.6	193814.8	1.12 mg/L	1.12 mg/L	17:59:30
2	Cu 324.752	382945.1	368900.8	1.16 mg/L	1.16 mg/L	17:59:30
2	Fe 273.955	3903.3	3920.0	1.26 mg/L	1.26 mg/L	17:59:35
2	Fe 259.939	33618.1	33584.5	1.19 mg/L	1.19 mg/L	17:59:30
2	Fe 238.204	19635.1	19506.7	1.15 mg/L	1.15 mg/L	17:59:30
2	K 766.490	1299092.4	1298519.7	24.8 mg/L	24.8 mg/L	17:59:27
2	K 404.721	-13156.7	488.3	0.000 mg/L	0.000 mg/L	17:59:30
2	Li 670.784	Saturated2	Saturated2			17:59:35
Saturated in preshot (code 2)						
2	Mg 285.213	2719665.8	2718908.7	12.1 mg/L	12.1 mg/L	17:59:29
2	Mn 257.610	109184.8	109233.5	1.18 mg/L	1.18 mg/L	17:59:30
2	Mo 202.031	3989.4	3983.4	1.11 mg/L	1.11 mg/L	17:59:3[illegible]
2	Na 589.592	Saturated3	Saturated3			17:59:35
Saturated in preshot (code 3)						
2	Na 330.237	34988.2	35771.8	22.2 mg/L	22.2 mg/L	17:59:30
2	Ni 231.604	8381.8	8281.4	1.15 mg/L	1.15 mg/L	17:59:35
2	Pb 220.353	2355.4	2331.5	1.24 mg/L	1.24 mg/L	17:59:35
2	Pb 217.000	1009.5	1009.0	1.27 mg/L	1.27 mg/L	17:59:35
2	Sb 206.836	1723.6	1704.4	1.06 mg/L	1.06 mg/L	17:59:35
2	Se 196.026	821.5	814.3	1.12 mg/L	1.12 mg/L	17:59:35
2	Se 203.985	998.3	1058.4	1.03 mg/L	1.03 mg/L	17:59:35
2	Si 251.611	61616.3	61381.7	2.85 mg/L	2.85 mg/L	17:59:30
2	Ti 334.940	168678.8	169676.4	1.07 mg/L	1.07 mg/L	17:59:30
2	Tl 276.787	2072.3	1943.4	1.38 mg/L	1.38 mg/L	17:59:35
2	Tl 190.801	356.3	377.8	1.26 mg/L	1.26 mg/L	17:59:35
2	V 290.880	33837.7	24568.6	1.09 mg/L	1.09 mg/L	17:59:30
2	V 292.402	46564.7	46440.0	1.08 mg/L	1.08 mg/L	17:59:30
2	Zn 206.200	5995.3	5983.5	1.07 mg/L	1.07 mg/L	17:59:35
2	Zn 213.857	37206.6	36874.2	1.11 mg/L	1.11 mg/L	17:59:30
3	Ag 328.068	123715.3	123941.6	1.06 mg/L	1.06 mg/L	17:59:39
3	Ag 338.289	43825.0	43883.1	1.07 mg/L	1.07 mg/L	17:59:39
3	Al 308.215	53687.9	20377.2	1.48 mg/L	1.48 mg/L	17:59:39
3	Al 396.153	2245.4	2169.9	1.25 mg/L	1.25 mg/L	17:59:39
3	As 188.979	646.5	645.5	1.07 mg/L	1.07 mg/L	17:59:45
3	As 193.696	757.1	772.6	1.06 mg/L	1.06 mg/L	17:59:45
3	B 182.528	450.7	458.4	1.34 mg/L	1.34 mg/L	17:59:45
3	B 249.677	29513.8	29427.4	1.32 mg/L	1.32 mg/L	17:59:39
3	Ba 233.527	12205.1	12264.3	1.14 mg/L	1.14 mg/L	17:59:45
3	Be 313.107	1764790.5	1624280.6	1.11 mg/L	1.11 mg/L	17:59:38
3	Be 234.861	325157.9	325483.6	1.09 mg/L	1.09 mg/L	17:59:39
3	Ca 317.933	717797.6	717839.4	36.3 mg/L	36.3 mg/L	17:59:38
3	Cd 228.802	10116.9	10114.4	1.17 mg/L	1.17 mg/L	17:59:45
3	Cd 214.440	15621.7	15385.6	1.15 mg/L	1.15 mg/L	17:59:39
3	Co 228.616	5914.4	6022.7	1.15 mg/L	1.15 mg/L	17:59:4[illegible]
3	Cr 205.560	6829.1	6862.5	1.11 mg/L	1.11 mg/L	17:59:45
3	Cr 267.716	25883.7	25736.6	1.11 mg/L	1.11 mg/L	17:59:39
3	Cu 327.393	184564.4	196860.6	1.13 mg/L	1.13 mg/L	17:59:39
3	Cu 324.752	389238.6	375194.3	1.18 mg/L	1.18 mg/L	17:59:39

3	Fe 273.955	3908.2	3924.9	1.26 mg/L	1.26 mg/L	17:59:45
3	Fe 259.939	34556.9	34523.3	1.22 mg/L	1.22 mg/L	17:59:39
3	Fe 238.204	20096.8	19968.5	1.18 mg/L	1.18 mg/L	17:59:39
3	K 766.490	1254647.2	1254074.5	23.9 mg/L	23.9 mg/L	17:59:37
3	K 404.721	-13123.1	521.8	0.000 mg/L	0.000 mg/L	17:59:39
3	Li 670.784	Saturated2	Saturated2			17:59:45
Saturated in preshot (code 2)						
3	Mg 285.213	2722402.4	2721645.4	12.1 mg/L	12.1 mg/L	17:59:38
3	Mn 257.610	111859.8	111908.4	1.21 mg/L	1.21 mg/L	17:59:39
3	Mo 202.031	4025.7	4019.7	1.12 mg/L	1.12 mg/L	17:59:45
3	Na 589.592	Saturated3	Saturated3			17:59:45
Saturated in preshot (code 3)						
3	Na 330.237	35601.6	36385.3	22.6 mg/L	22.6 mg/L	17:59:39
3	Ni 231.604	8434.6	8334.3	1.16 mg/L	1.16 mg/L	17:59:45
3	Pb 220.353	2381.6	2357.7	1.26 mg/L	1.26 mg/L	17:59:45
3	Pb 217.000	999.9	999.4	1.26 mg/L	1.26 mg/L	17:59:45
3	Sb 206.836	1730.8	1711.6	1.06 mg/L	1.06 mg/L	17:59:45
3	Se 196.026	816.7	809.6	1.12 mg/L	1.12 mg/L	17:59:45
3	Se 203.985	1012.6	1072.7	1.04 mg/L	1.04 mg/L	17:59:45
3	Si 251.611	62708.2	62473.6	2.90 mg/L	2.90 mg/L	17:59:39
3	Ti 334.940	172520.7	173518.4	1.09 mg/L	1.09 mg/L	17:59:39
3	Tl 276.787	2032.6	1903.6	1.35 mg/L	1.35 mg/L	17:59:45
3	Tl 190.801	362.7	384.2	1.28 mg/L	1.28 mg/L	17:59:45
3	V 290.880	34445.5	25176.3	1.12 mg/L	1.12 mg/L	17:59:39
3	V 292.402	47793.9	47669.2	1.11 mg/L	1.11 mg/L	17:59:39
3	Zn 206.200	6030.4	6018.7	1.07 mg/L	1.07 mg/L	17:59:45
3	Zn 213.857	37980.1	37647.7	1.13 mg/L	1.13 mg/L	17:59:39

Mean Data: M02070413-01A ms

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	122144.5	1.05	mg/L	0.016	1.05	mg/L	0.016	1.58%
Ag 338.289	43139.0	1.05	mg/L	0.018	1.05	mg/L	0.018	1.76%
Al 308.215	19887.8	1.44	mg/L	0.044	1.44	mg/L	0.044	3.05%
Al 396.153	2167.0	1.25	mg/L	0.004	1.25	mg/L	0.004	0.29%
As 188.979	622.5	1.03	mg/L	0.034	1.03	mg/L	0.034	3.28%
As 193.696	772.2	1.06	mg/L	0.001	1.06	mg/L	0.001	0.05%
B 182.528	454.3	1.33	mg/L	0.011	1.33	mg/L	0.011	0.80%
B 249.677	28915.7	1.30	mg/L	0.022	1.30	mg/L	0.022	1.71%
Ba 233.527	12201.7	1.13	mg/L	0.007	1.13	mg/L	0.007	0.58%
Be 313.107	1625974.2	1.11	mg/L	0.009	1.11	mg/L	0.009	0.80%
Be 234.861	320620.7	1.08	mg/L	0.015	1.08	mg/L	0.015	1.38%
Ca 317.933	719880.0	36.4	mg/L	0.38	36.4	mg/L	0.38	1.05%
Cd 228.802	10043.3	1.16	mg/L	0.008	1.16	mg/L	0.008	0.67%
Cd 214.440	15099.7	1.13	mg/L	0.019	1.13	mg/L	0.019	1.65%
Co 228.616	5972.3	1.14	mg/L	0.010	1.14	mg/L	0.010	0.85%
Cr 205.560	6800.3	1.10	mg/L	0.010	1.10	mg/L	0.010	0.88%
Cr 267.716	25342.5	1.09	mg/L	0.015	1.09	mg/L	0.015	1.35%
Cu 327.393	193826.0	1.12	mg/L	0.017	1.12	mg/L	0.017	1.56%
Cu 324.752	368853.1	1.16	mg/L	0.020	1.16	mg/L	0.020	1.73%
Fe 273.955	3901.4	1.26	mg/L	0.012	1.26	mg/L	0.012	0.96%
Fe 259.939	33865.7	1.20	mg/L	0.021	1.20	mg/L	0.021	1.74%
Fe 238.204	19626.8	1.16	mg/L	0.018	1.16	mg/L	0.018	1.57%
K 766.490	1274821.8	24.3	mg/L	0.42	24.3	mg/L	0.42	1.74%
K 404.721	484.9	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	Saturated2							
Saturated in preshot (code 2)								
Mg 285.213	2725601.7	12.2	mg/L	0.04	12.2	mg/L	0.04	0.34%
Mn 257.610	109852.1	1.19	mg/L	0.020	1.19	mg/L	0.020	1.67%
Mo 202.031	3983.6	1.11	mg/L	0.010	1.11	mg/L	0.010	0.90%
Na 589.592	Saturated3							
Saturated in preshot (code 3)								
Na 330.237	35763.0	22.2	mg/L	0.39	22.2	mg/L	0.39	1.75%
Ni 231.604	8286.9	1.15	mg/L	0.006	1.15	mg/L	0.006	0.54%
Pb 220.353	2335.7	1.25	mg/L	0.011	1.25	mg/L	0.011	0.85%
Pb 217.000	1001.9	1.26	mg/L	0.008	1.26	mg/L	0.008	0.62%
Sb 206.836	1698.8	1.06	mg/L	0.010	1.06	mg/L	0.010	0.96%
Se 196.026	804.5	1.11	mg/L	0.018	1.11	mg/L	0.018	1.66%
Se 203.985	1062.8	1.03	mg/L	0.008	1.03	mg/L	0.008	0.80%
Si 251.611	61455.5	2.86	mg/L	0.046	2.86	mg/L	0.046	1.61%
Ti 334.940	170551.5	1.07	mg/L	0.017	1.07	mg/L	0.017	1.55%
Tl 276.787	1916.3	1.36	mg/L	0.016	1.36	mg/L	0.016	1.20%

Tl 190.801	382.4	1.27 mg/L	0.013	1.27 mg/L	0.013	1.03%
V 290.880	24685.4	1.10 mg/L	0.021	1.10 mg/L	0.021	1.88%
V 292.402	46809.6	1.09 mg/L	0.017	1.09 mg/L	0.017	1.60%
Zn 206.200	5979.0	1.07 mg/L	0.008	1.07 mg/L	0.008	0.7[illegible]
Zn 213.857	37087.2	1.11 mg/L	0.015	1.11 mg/L	0.015	1.38[illegible]

Sequence No.: 72
Sample ID: M02070413-01A msd
Analyst:
Nebulizer Back Pressure: 343.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 68
Date Collected: 7/15/02 6:00:21 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070413-01A msd

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	126897.0	127123.4	1.09	mg/L	1.09	mg/L	18:02:02
1	Ag 338.289	44866.7	44924.8	1.09	mg/L	1.09	mg/L	18:02:02
1	Al 308.215	53596.8	20286.2	1.48	mg/L	1.48	mg/L	18:02:02
1	Al 396.153	2243.9	2168.3	1.25	mg/L	1.25	mg/L	18:02:02
1	As 188.979	633.8	632.8	1.05	mg/L	1.05	mg/L	18:02:07
1	As 193.696	765.6	781.1	1.07	mg/L	1.07	mg/L	18:02:07
1	B 182.528	464.9	472.6	1.38	mg/L	1.38	mg/L	18:02:07
1	B 249.677	29802.4	29715.9	1.34	mg/L	1.34	mg/L	18:02:02
1	Ba 233.527	12451.6	12510.8	1.16	mg/L	1.16	mg/L	18:02:07
1	Be 313.107	1816213.7	1675703.9	1.15	mg/L	1.15	mg/L	18:02:01
1	Be 234.861	327009.0	327334.7	1.10	mg/L	1.10	mg/L	18:02:02
1	Ca 317.933	701396.5	701438.3	35.4	mg/L	35.4	mg/L	18:02:01
1	Cd 228.802	10277.6	10275.1	1.19	mg/L	1.19	mg/L	18:02:07
1	Cd 214.440	15660.2	15424.1	1.15	mg/L	1.15	mg/L	18:02:02
1	Co 228.616	6037.4	6145.7	1.17	mg/L	1.17	mg/L	18:02:07
1	Cr 205.560	6956.5	6989.8	1.13	mg/L	1.13	mg/L	18:02:07
1	Cr 267.716	26145.7	25998.5	1.12	mg/L	1.12	mg/L	18:02:02
1	Cu 327.393	184649.2	196945.4	1.13	mg/L	1.13	mg/L	18:02:02
1	Cu 324.752	389375.4	375331.1	1.18	mg/L	1.18	mg/L	18:02:[illegible]
1	Fe 273.955	3955.5	3972.2	1.28	mg/L	1.28	mg/L	18:02:0[illegible]
1	Fe 259.939	34378.4	34344.8	1.21	mg/L	1.21	mg/L	18:02:02
1	Fe 238.204	19955.5	19827.2	1.17	mg/L	1.17	mg/L	18:02:02
1	K 766.490	1264727.2	1264154.5	24.1	mg/L	24.1	mg/L	18:01:59
1	K 404.721	-13207.2	437.8	0.000	mg/L	0.000	mg/L	18:02:02
1	Li 670.784	Saturated2	Saturated2					18:02:07
	Saturated in preshot (code 2)							
1	Mg 285.213	2697906.3	2697149.3	12.0	mg/L	12.0	mg/L	18:02:01
1	Mn 257.610	112008.4	112057.0	1.21	mg/L	1.21	mg/L	18:02:02
1	Mo 202.031	4137.0	4131.0	1.15	mg/L	1.15	mg/L	18:02:07
1	Na 589.592	Saturated3	Saturated3					18:02:07
	Saturated in preshot (code 3)							
1	Na 330.237	32559.5	33343.1	20.7	mg/L	20.7	mg/L	18:02:02
1	Ni 231.604	8578.3	8478.0	1.18	mg/L	1.18	mg/L	18:02:07
1	Pb 220.353	2421.5	2397.6	1.28	mg/L	1.28	mg/L	18:02:07
1	Pb 217.000	1037.3	1036.8	1.30	mg/L	1.30	mg/L	18:02:07
1	Sb 206.836	1795.5	1776.3	1.10	mg/L	1.10	mg/L	18:02:07
1	Se 196.026	831.2	824.1	1.14	mg/L	1.14	mg/L	18:02:07
1	Se 203.985	1057.8	1117.9	1.08	mg/L	1.08	mg/L	18:02:07
1	Si 251.611	60430.5	60195.9	2.80	mg/L	2.80	mg/L	18:02:02
1	Ti 334.940	173822.3	174819.9	1.10	mg/L	1.10	mg/L	18:02:02
1	Tl 276.787	2087.0	1958.0	1.39	mg/L	1.39	mg/L	18:02:07
1	Tl 190.801	368.2	389.7	1.29	mg/L	1.29	mg/L	18:02:07
1	V 290.880	34477.1	25208.0	1.12	mg/L	1.12	mg/L	18:02:02
1	V 292.402	47972.8	47848.1	1.11	mg/L	1.11	mg/L	18:02:02
1	Zn 206.200	6075.6	6063.8	1.08	mg/L	1.08	mg/L	18:02:07
1	Zn 213.857	37912.2	37579.9	1.13	mg/L	1.13	mg/L	18:02:02
2	Ag 328.068	125077.3	125303.7	1.07	mg/L	1.07	mg/L	18:02:12
2	Ag 338.289	44202.7	44260.8	1.08	mg/L	1.08	mg/L	18:02:12
2	Al 308.215	53459.7	20149.0	1.46	mg/L	1.46	mg/L	18:02:12
2	Al 396.153	2283.8	2208.3	1.27	mg/L	1.27	mg/L	18:02:12
2	As 188.979	636.1	635.2	1.05	mg/L	1.05	mg/L	18:02:1[illegible]
2	As 193.696	773.2	788.7	1.08	mg/L	1.08	mg/L	18:02:1[illegible]
2	B 182.528	465.5	473.2	1.38	mg/L	1.38	mg/L	18:02:17
2	B 249.677	30280.3	30193.9	1.36	mg/L	1.36	mg/L	18:02:12
2	Ba 233.527	12447.9	12507.1	1.16	mg/L	1.16	mg/L	18:02:17

2	Be 313.107	1835213.4	1694703.6	1.16 mg/L	1.16 mg/L	18:02:10
2	Be 234.861	331047.5	331373.2	1.11 mg/L	1.11 mg/L	18:02:12
2	Ca 317.933	712351.0	712392.8	36.0 mg/L	36.0 mg/L	18:02:10
2	Cd 228.802	10322.3	10319.9	1.19 mg/L	1.19 mg/L	18:02:17
2	Cd 214.440	15940.9	15704.8	1.17 mg/L	1.17 mg/L	18:02:12
2	Co 228.616	6013.8	6122.0	1.17 mg/L	1.17 mg/L	18:02:17
2	Cr 205.560	6977.4	7010.7	1.13 mg/L	1.13 mg/L	18:02:17
2	Cr 267.716	26629.7	26482.5	1.14 mg/L	1.14 mg/L	18:02:12
2	Cu 327.393	186050.1	198346.3	1.14 mg/L	1.14 mg/L	18:02:12
2	Cu 324.752	390367.8	376323.4	1.18 mg/L	1.18 mg/L	18:02:12
2	Fe 273.955	3924.1	3940.8	1.27 mg/L	1.27 mg/L	18:02:17
2	Fe 259.939	34839.8	34806.2	1.23 mg/L	1.23 mg/L	18:02:12
2	Fe 238.204	20209.6	20081.3	1.19 mg/L	1.19 mg/L	18:02:12
2	K 766.490	1225956.9	1225384.2	23.4 mg/L	23.4 mg/L	18:02:09
2	K 404.721	-13223.1	421.9	0.000 mg/L	0.000 mg/L	18:02:12
2	Li 670.784	Saturated2	Saturated2			18:02:17
Saturated in preshot (code 2)						
2	Mg 285.213	2704124.1	2703367.0	12.1 mg/L	12.1 mg/L	18:02:10
2	Mn 257.610	113419.7	113468.4	1.23 mg/L	1.23 mg/L	18:02:12
2	Mo 202.031	4156.9	4150.9	1.16 mg/L	1.16 mg/L	18:02:17
2	Na 589.592	Saturated3	Saturated3			18:02:17
Saturated in preshot (code 3)						
2	Na 330.237	32677.5	33461.2	20.8 mg/L	20.8 mg/L	18:02:12
2	Ni 231.604	8587.2	8486.8	1.18 mg/L	1.18 mg/L	18:02:17
2	Pb 220.353	2446.5	2422.5	1.29 mg/L	1.29 mg/L	18:02:17
2	Pb 217.000	1034.4	1033.9	1.30 mg/L	1.30 mg/L	18:02:17
2	Sb 206.836	1797.4	1778.2	1.11 mg/L	1.11 mg/L	18:02:17
2	Se 196.026	819.3	812.2	1.12 mg/L	1.12 mg/L	18:02:17
2	Se 203.985	1042.9	1103.0	1.07 mg/L	1.07 mg/L	18:02:17
2	Si 251.611	61142.0	60907.4	2.83 mg/L	2.83 mg/L	18:02:12
2	Ti 334.940	175816.6	176814.2	1.11 mg/L	1.11 mg/L	18:02:12
2	Tl 276.787	2073.4	1944.4	1.38 mg/L	1.38 mg/L	18:02:17
2	Tl 190.801	381.9	403.5	1.34 mg/L	1.34 mg/L	18:02:17
2	V 290.880	34677.9	25408.8	1.13 mg/L	1.13 mg/L	18:02:12
2	V 292.402	48754.4	48629.7	1.13 mg/L	1.13 mg/L	18:02:12
2	Zn 206.200	6126.3	6114.6	1.09 mg/L	1.09 mg/L	18:02:17
2	Zn 213.857	38458.0	38125.6	1.15 mg/L	1.15 mg/L	18:02:12
3	Ag 328.068	125181.0	125407.3	1.07 mg/L	1.07 mg/L	18:02:21
3	Ag 338.289	44210.0	44268.1	1.08 mg/L	1.08 mg/L	18:02:21
3	Al 308.215	54086.6	20776.0	1.52 mg/L	1.52 mg/L	18:02:21
3	Al 396.153	2150.7	2075.2	1.20 mg/L	1.20 mg/L	18:02:21
3	As 188.979	646.6	645.7	1.07 mg/L	1.07 mg/L	18:02:26
3	As 193.696	768.7	784.2	1.07 mg/L	1.07 mg/L	18:02:26
3	B 182.528	469.3	477.0	1.39 mg/L	1.39 mg/L	18:02:26
3	B 249.677	30480.8	30394.4	1.37 mg/L	1.37 mg/L	18:02:21
3	Ba 233.527	12581.7	12640.9	1.18 mg/L	1.18 mg/L	18:02:26
3	Be 313.107	1815609.2	1675099.4	1.15 mg/L	1.15 mg/L	18:02:20
3	Be 234.861	328213.2	328538.9	1.10 mg/L	1.10 mg/L	18:02:21
3	Ca 317.933	700578.0	700619.8	35.4 mg/L	35.4 mg/L	18:02:20
3	Cd 228.802	10324.8	10322.3	1.19 mg/L	1.19 mg/L	18:02:26
3	Cd 214.440	15812.4	15576.3	1.16 mg/L	1.16 mg/L	18:02:21
3	Co 228.616	6097.0	6205.3	1.19 mg/L	1.19 mg/L	18:02:26
3	Cr 205.560	7017.4	7050.7	1.14 mg/L	1.14 mg/L	18:02:26
3	Cr 267.716	26190.8	26043.6	1.12 mg/L	1.12 mg/L	18:02:21
3	Cu 327.393	187935.8	200232.0	1.15 mg/L	1.15 mg/L	18:02:21
3	Cu 324.752	395131.2	381086.9	1.20 mg/L	1.20 mg/L	18:02:21
3	Fe 273.955	3958.4	3975.1	1.28 mg/L	1.28 mg/L	18:02:26
3	Fe 259.939	34561.1	34527.5	1.22 mg/L	1.22 mg/L	18:02:21
3	Fe 238.204	20140.9	20012.5	1.18 mg/L	1.18 mg/L	18:02:21
3	K 766.490	1263832.2	1263259.6	24.1 mg/L	24.1 mg/L	18:02:18
3	K 404.721	-13129.8	515.1	0.000 mg/L	0.000 mg/L	18:02:21
3	Li 670.784	Saturated2	Saturated2			18:02:26
Saturated in preshot (code 2)						
3	Mg 285.213	2692713.3	2691956.2	12.0 mg/L	12.0 mg/L	18:02:20
3	Mn 257.610	112355.2	112403.8	1.22 mg/L	1.22 mg/L	18:02:21
3	Mo 202.031	4193.7	4187.7	1.17 mg/L	1.17 mg/L	18:02:26
3	Na 589.592	Saturated3	Saturated3			18:02:26
Saturated in preshot (code 3)						
3	Na 330.237	33094.7	33878.3	21.1 mg/L	21.1 mg/L	18:02:21
3	Ni 231.604	8562.8	8462.4	1.18 mg/L	1.18 mg/L	18:02:26
3	Pb 220.353	2432.0	2408.1	1.28 mg/L	1.28 mg/L	18:02:26
3	Pb 217.000	1042.8	1042.3	1.31 mg/L	1.31 mg/L	18:02:26
3	Sb 206.836	1819.5	1800.3	1.12 mg/L	1.12 mg/L	18:02:26

3	Se 196.026	834.7	827.6	1.14 mg/L	1.14 mg/L	18:02:26
3	Se 203.985	1032.7	1092.8	1.06 mg/L	1.06 mg/L	18:02:26
3	Si 251.611	60997.5	60762.9	2.82 mg/L	2.82 mg/L	18:02:2[illegible]
3	Ti 334.940	175343.6	176341.2	1.11 mg/L	1.11 mg/L	18:02:[illegible]
3	Tl 276.787	2088.4	1959.4	1.39 mg/L	1.39 mg/L	18:02:26
3	Tl 190.801	359.4	380.9	1.27 mg/L	1.27 mg/L	18:02:26
3	V 290.880	34676.1	25407.0	1.13 mg/L	1.13 mg/L	18:02:21
3	V 292.402	48512.6	48387.9	1.13 mg/L	1.13 mg/L	18:02:21
3	Zn 206.200	6149.4	6137.6	1.10 mg/L	1.10 mg/L	18:02:26
3	Zn 213.857	38121.0	37788.6	1.14 mg/L	1.14 mg/L	18:02:21

Mean Data: M02070413-01A msd

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	125944.8	1.08	mg/L	0.009	1.08	mg/L	0.009	0.81%
Ag 338.289	44484.6	1.08	mg/L	0.009	1.08	mg/L	0.009	0.85%
Al 308.215	20403.7	1.49	mg/L	0.028	1.49	mg/L	0.028	1.90%
Al 396.153	2150.6	1.24	mg/L	0.039	1.24	mg/L	0.039	3.14%
As 188.979	637.9	1.05	mg/L	0.011	1.05	mg/L	0.011	1.08%
As 193.696	784.6	1.07	mg/L	0.005	1.07	mg/L	0.005	0.48%
B 182.528	474.2	1.39	mg/L	0.007	1.39	mg/L	0.007	0.51%
B 249.677	30101.4	1.35	mg/L	0.016	1.35	mg/L	0.016	1.16%
Ba 233.527	12553.0	1.17	mg/L	0.007	1.17	mg/L	0.007	0.61%
Be 313.107	1681835.6	1.15	mg/L	0.008	1.15	mg/L	0.008	0.67%
Be 234.861	329082.3	1.11	mg/L	0.007	1.11	mg/L	0.007	0.64%
Ca 317.933	704817.0	35.6	mg/L	0.33	35.6	mg/L	0.33	0.93%
Cd 228.802	10305.8	1.19	mg/L	0.003	1.19	mg/L	0.003	0.26%
Cd 214.440	15568.4	1.16	mg/L	0.011	1.16	mg/L	0.011	0.91%
Co 228.616	6157.7	1.18	mg/L	0.008	1.18	mg/L	0.008	0.69%
Cr 205.560	7017.1	1.13	mg/L	0.005	1.13	mg/L	0.005	0.44%
Cr 267.716	26174.9	1.13	mg/L	0.012	1.13	mg/L	0.012	1.02%
Cu 327.393	198507.9	1.14	mg/L	0.009	1.14	mg/L	0.009	0.83%
Cu 324.752	377580.5	1.18	mg/L	0.010	1.18	mg/L	0.010	0.82%
Fe 273.955	3962.7	1.28	mg/L	0.006	1.28	mg/L	0.006	0.49%
Fe 259.939	34559.5	1.22	mg/L	0.008	1.22	mg/L	0.008	0.69%
Fe 238.204	19973.6	1.18	mg/L	0.008	1.18	mg/L	0.008	0.66
K 766.490	1250932.8	23.9	mg/L	0.42	23.9	mg/L	0.42	1.75%
K 404.721	458.2	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	Saturated2							
Saturated in preshot (code 2)								
Mg 285.213	2697490.9	12.0	mg/L	0.03	12.0	mg/L	0.03	0.21%
Mn 257.610	112643.1	1.22	mg/L	0.008	1.22	mg/L	0.008	0.65%
Mo 202.031	4156.5	1.16	mg/L	0.008	1.16	mg/L	0.008	0.69%
Na 589.592	Saturated3							
Saturated in preshot (code 3)								
Na 330.237	33560.9	20.9	mg/L	0.18	20.9	mg/L	0.18	0.84%
Ni 231.604	8475.8	1.18	mg/L	0.002	1.18	mg/L	0.002	0.15%
Pb 220.353	2409.4	1.28	mg/L	0.007	1.28	mg/L	0.007	0.51%
Pb 217.000	1037.7	1.30	mg/L	0.005	1.30	mg/L	0.005	0.41%
Sb 206.836	1784.9	1.11	mg/L	0.008	1.11	mg/L	0.008	0.75%
Se 196.026	821.3	1.13	mg/L	0.011	1.13	mg/L	0.011	0.99%
Se 203.985	1104.6	1.07	mg/L	0.012	1.07	mg/L	0.012	1.13%
Si 251.611	60622.1	2.82	mg/L	0.018	2.82	mg/L	0.018	0.62%
Ti 334.940	175991.8	1.11	mg/L	0.007	1.11	mg/L	0.007	0.59%
Tl 276.787	1954.0	1.39	mg/L	0.006	1.39	mg/L	0.006	0.42%
Tl 190.801	391.4	1.30	mg/L	0.037	1.30	mg/L	0.037	2.81%
V 290.880	25341.2	1.13	mg/L	0.005	1.13	mg/L	0.005	0.47%
V 292.402	48288.6	1.12	mg/L	0.009	1.12	mg/L	0.009	0.83%
Zn 206.200	6105.3	1.09	mg/L	0.007	1.09	mg/L	0.007	0.64%
Zn 213.857	37831.4	1.14	mg/L	0.009	1.14	mg/L	0.009	0.76%

Sequence No.: 73
Sample ID: icv/ccv
Analyst:
Nebulizer Back Pressure: 343.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 7/15/02 6:03:03 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: icv/ccv

	Net	Corrected	Calib.	Sample	Analysis

Repl#	Analyte	Intensity	Intensity	Conc.	Units	Conc.	Units	Time
1	Ag 328.068	109834.4	110060.7	0.944	mg/L	0.944	mg/L	18:04:46
1	Ag 338.289	38835.2	38893.3	0.947	mg/L	0.947	mg/L	18:04:46
1	Al 308.215	50039.4	16728.7	1.17	mg/L	1.17	mg/L	18:04:46
1	Al 396.153	1609.5	1534.0	0.889	mg/L	0.889	mg/L	18:04:46
1	As 188.979	564.1	563.1	0.929	mg/L	0.929	mg/L	18:04:51
1	As 193.696	679.6	695.1	0.952	mg/L	0.952	mg/L	18:04:51
1	B 182.528	358.6	366.2	1.07	mg/L	1.07	mg/L	18:04:51
1	B 249.677	22851.9	22765.5	1.02	mg/L	1.02	mg/L	18:04:46
1	Ba 233.527	10269.8	10329.0	0.960	mg/L	0.960	mg/L	18:04:51
1	Be 313.107	1573821.5	1433311.7	0.980	mg/L	0.980	mg/L	18:04:45
1	Be 234.861	283927.3	284253.0	0.952	mg/L	0.952	mg/L	18:04:46
1	Ca 317.933	17357.6	17399.4	0.903	mg/L	0.903	mg/L	18:04:46
1	Cd 228.802	8010.0	8007.5	0.924	mg/L	0.924	mg/L	18:04:51
1	Cd 214.440	12821.3	12585.2	0.939	mg/L	0.939	mg/L	18:04:51
1	Co 228.616	4730.8	4839.1	0.926	mg/L	0.926	mg/L	18:04:51
1	Cr 205.560	5778.4	5811.7	0.939	mg/L	0.939	mg/L	18:04:51
1	Cr 267.716	22007.9	21860.8	0.945	mg/L	0.945	mg/L	18:04:46
1	Cu 327.393	147162.6	159458.8	0.919	mg/L	0.919	mg/L	18:04:46
1	Cu 324.752	314104.5	300060.2	0.941	mg/L	0.941	mg/L	18:04:46
1	Fe 273.955	2883.8	2900.5	0.925	mg/L	0.925	mg/L	18:04:51
1	Fe 259.939	26784.7	26751.1	0.937	mg/L	0.937	mg/L	18:04:46
1	Fe 238.204	15310.7	15182.3	0.890	mg/L	0.890	mg/L	18:04:46
1	K 766.490	434001.6	433428.9	8.40	mg/L	8.40	mg/L	18:04:45
1	K 404.721	-13267.0	377.9	0.000	mg/L	0.000	mg/L	18:04:46
1	Li 670.784	1255508.9	1256019.1	0.925	mg/L	0.925	mg/L	18:04:44
1	Mg 285.213	218514.8	217757.8	0.932	mg/L	0.932	mg/L	18:04:46
1	Mn 257.610	89116.6	89165.3	0.964	mg/L	0.964	mg/L	18:04:46
1	Mo 202.031	3399.4	3393.4	0.945	mg/L	0.945	mg/L	18:04:51
1	Na 589.592	2392.9	2997.0	1.02	mg/L	1.02	mg/L	18:04:45
1	Na 330.237	719.7	1503.4	0.902	mg/L	0.902	mg/L	18:04:51
1	Ni 231.604	6800.4	6700.1	0.933	mg/L	0.933	mg/L	18:04:51
1	Pb 220.353	1729.4	1705.4	0.916	mg/L	0.916	mg/L	18:04:51
1	Pb 217.000	747.8	747.3	0.940	mg/L	0.940	mg/L	18:04:51
1	Sb 206.836	1525.7	1506.5	0.937	mg/L	0.937	mg/L	18:04:51
1	Se 196.026	707.5	700.4	0.964	mg/L	0.964	mg/L	18:04:51
1	Se 203.985	945.4	1005.5	0.974	mg/L	0.974	mg/L	18:04:51
1	Si 251.611	11153.8	10919.3	0.496	mg/L	0.496	mg/L	18:04:46
1	Ti 334.940	146712.2	147709.8	0.930	mg/L	0.930	mg/L	18:04:46
1	Tl 276.787	1440.9	1311.9	0.939	mg/L	0.939	mg/L	18:04:51
1	Tl 190.801	253.3	274.8	0.925	mg/L	0.925	mg/L	18:04:51
1	V 290.880	30900.3	21631.2	0.957	mg/L	0.957	mg/L	18:04:46
1	V 292.402	40509.5	40384.9	0.939	mg/L	0.939	mg/L	18:04:46
1	Zn 206.200	5369.3	5357.6	0.951	mg/L	0.951	mg/L	18:04:51
1	Zn 213.857	32181.6	31849.3	0.950	mg/L	0.950	mg/L	18:04:46
2	Ag 328.068	109200.8	109427.1	0.939	mg/L	0.939	mg/L	18:04:56
2	Ag 338.289	38623.8	38681.9	0.942	mg/L	0.942	mg/L	18:04:56
2	Al 308.215	49408.0	16097.4	1.12	mg/L	1.12	mg/L	18:04:56
2	Al 396.153	1653.0	1577.5	0.913	mg/L	0.913	mg/L	18:04:56
2	As 188.979	558.5	557.6	0.920	mg/L	0.920	mg/L	18:05:01
2	As 193.696	689.4	704.9	0.966	mg/L	0.966	mg/L	18:05:01
2	B 182.528	364.7	372.3	1.09	mg/L	1.09	mg/L	18:05:01
2	B 249.677	22707.1	22620.7	1.02	mg/L	1.02	mg/L	18:04:56
2	Ba 233.527	10193.5	10252.7	0.953	mg/L	0.953	mg/L	18:05:01
2	Be 313.107	1605682.4	1465172.6	1.00	mg/L	1.00	mg/L	18:04:54
2	Be 234.861	282955.1	283280.8	0.949	mg/L	0.949	mg/L	18:04:56
2	Ca 317.933	17535.1	17576.9	0.912	mg/L	0.912	mg/L	18:04:56
2	Cd 228.802	8024.1	8021.6	0.926	mg/L	0.926	mg/L	18:05:01
2	Cd 214.440	12833.6	12597.4	0.940	mg/L	0.940	mg/L	18:05:01
2	Co 228.616	4755.0	4863.3	0.931	mg/L	0.931	mg/L	18:05:01
2	Cr 205.560	5774.9	5808.3	0.939	mg/L	0.939	mg/L	18:05:01
2	Cr 267.716	22107.6	21960.4	0.949	mg/L	0.949	mg/L	18:04:56
2	Cu 327.393	144775.4	157071.6	0.905	mg/L	0.905	mg/L	18:04:56
2	Cu 324.752	309400.7	295356.3	0.926	mg/L	0.926	mg/L	18:04:56
2	Fe 273.955	2863.3	2879.9	0.919	mg/L	0.919	mg/L	18:05:01
2	Fe 259.939	26588.5	26554.9	0.930	mg/L	0.930	mg/L	18:04:56
2	Fe 238.204	15286.3	15157.9	0.889	mg/L	0.889	mg/L	18:04:56
2	K 766.490	436718.4	436145.7	8.45	mg/L	8.45	mg/L	18:04:54
2	K 404.721	-13333.2	311.8	0.000	mg/L	0.000	mg/L	18:04:56
2	Li 670.784	1269655.2	1270165.4	0.935	mg/L	0.935	mg/L	18:04:53
2	Mg 285.213	215936.6	215179.6	0.920	mg/L	0.920	mg/L	18:04:56
2	Mn 257.610	88671.2	88719.8	0.959	mg/L	0.959	mg/L	18:04:56
2	Mo 202.031	3424.9	3418.9	0.952	mg/L	0.952	mg/L	18:05:01

2	Na 589.592	1762.3	2366.4	0.820 mg/L	0.820 mg/L	18:04:54
2	Na 330.237	707.1	1490.8	0.895 mg/L	0.895 mg/L	18:05:01
2	Ni 231.604	6797.0	6696.7	0.933 mg/L	0.933 mg/L	18:05:01
2	Pb 220.353	1745.0	1721.1	0.924 mg/L	0.924 mg/L	18:05:
2	Pb 217.000	744.6	744.1	0.936 mg/L	0.936 mg/L	18:05:01
2	Sb 206.836	1531.4	1512.2	0.940 mg/L	0.940 mg/L	18:05:01
2	Se 196.026	710.5	703.4	0.968 mg/L	0.968 mg/L	18:05:01
2	Se 203.985	954.9	1015.0	0.984 mg/L	0.984 mg/L	18:05:01
2	Si 251.611	11114.0	10879.5	0.494 mg/L	0.494 mg/L	18:04:56
2	Ti 334.940	145851.7	146849.3	0.924 mg/L	0.924 mg/L	18:04:56
2	Tl 276.787	1426.2	1297.2	0.928 mg/L	0.928 mg/L	18:05:01
2	Tl 190.801	239.8	261.4	0.882 mg/L	0.882 mg/L	18:05:01
2	V 290.880	30691.9	21422.7	0.947 mg/L	0.947 mg/L	18:04:56
2	V 292.402	40420.5	40295.8	0.937 mg/L	0.937 mg/L	18:04:56
2	Zn 206.200	5358.2	5346.4	0.949 mg/L	0.949 mg/L	18:05:01
2	Zn 213.857	32036.8	31704.4	0.945 mg/L	0.945 mg/L	18:04:56
3	Ag 328.068	108532.5	108758.9	0.933 mg/L	0.933 mg/L	18:05:05
3	Ag 338.289	38195.0	38253.1	0.931 mg/L	0.931 mg/L	18:05:05
3	Al 308.215	49594.9	16284.2	1.13 mg/L	1.13 mg/L	18:05:05
3	Al 396.153	1627.2	1551.7	0.899 mg/L	0.899 mg/L	18:05:05
3	As 188.979	544.1	543.1	0.896 mg/L	0.896 mg/L	18:05:10
3	As 193.696	679.7	695.2	0.953 mg/L	0.953 mg/L	18:05:10
3	B 182.528	356.2	363.9	1.06 mg/L	1.06 mg/L	18:05:10
3	B 249.677	22763.7	22677.3	1.02 mg/L	1.02 mg/L	18:05:05
3	Ba 233.527	10165.3	10224.5	0.951 mg/L	0.951 mg/L	18:05:10
3	Be 313.107	1604529.9	1464020.1	1.00 mg/L	1.00 mg/L	18:05:04
3	Be 234.861	282313.9	282639.6	0.947 mg/L	0.947 mg/L	18:05:05
3	Ca 317.933	17427.4	17469.1	0.906 mg/L	0.906 mg/L	18:05:05
3	Cd 228.802	7968.0	7965.5	0.919 mg/L	0.919 mg/L	18:05:10
3	Cd 214.440	12770.6	12534.5	0.936 mg/L	0.936 mg/L	18:05:10
3	Co 228.616	4722.0	4830.3	0.925 mg/L	0.925 mg/L	18:05:10
3	Cr 205.560	5772.9	5806.2	0.938 mg/L	0.938 mg/L	18:05:10
3	Cr 267.716	21845.3	21698.1	0.938 mg/L	0.938 mg/L	18:05:05
3	Cu 327.393	144945.7	157241.9	0.906 mg/L	0.906 mg/L	18:05:05
3	Cu 324.752	309620.5	295576.2	0.927 mg/L	0.927 mg/L	18:05:05
3	Fe 273.955	2834.0	2850.7	0.909 mg/L	0.909 mg/L	18:05:10
3	Fe 259.939	26525.3	26491.7	0.927 mg/L	0.927 mg/L	18:05:(
3	Fe 238.204	15257.8	15129.4	0.887 mg/L	0.887 mg/L	18:05:05
3	K 766.490	442205.0	441632.3	8.56 mg/L	8.56 mg/L	18:05:04
3	K 404.721	-13303.0	342.0	0.000 mg/L	0.000 mg/L	18:05:05
3	Li 670.784	1257940.0	1258450.2	0.927 mg/L	0.927 mg/L	18:05:02
3	Mg 285.213	216136.3	215379.3	0.921 mg/L	0.921 mg/L	18:05:05
3	Mn 257.610	88086.8	88135.4	0.953 mg/L	0.953 mg/L	18:05:05
3	Mo 202.031	3397.2	3391.2	0.945 mg/L	0.945 mg/L	18:05:10
3	Na 589.592	2310.9	2915.0	0.997 mg/L	0.997 mg/L	18:05:04
3	Na 330.237	730.8	1514.5	0.909 mg/L	0.909 mg/L	18:05:10
3	Ni 231.604	6765.0	6664.7	0.928 mg/L	0.928 mg/L	18:05:10
3	Pb 220.353	1760.2	1736.3	0.932 mg/L	0.932 mg/L	18:05:10
3	Pb 217.000	741.9	741.4	0.933 mg/L	0.933 mg/L	18:05:10
3	Sb 206.836	1549.4	1530.2	0.952 mg/L	0.952 mg/L	18:05:10
3	Se 196.026	708.8	701.7	0.966 mg/L	0.966 mg/L	18:05:10
3	Se 203.985	923.6	983.7	0.953 mg/L	0.953 mg/L	18:05:10
3	Si 251.611	11127.4	10892.8	0.494 mg/L	0.494 mg/L	18:05:05
3	Ti 334.940	145101.0	146098.6	0.920 mg/L	0.920 mg/L	18:05:05
3	Tl 276.787	1427.0	1298.0	0.929 mg/L	0.929 mg/L	18:05:10
3	Tl 190.801	235.1	256.6	0.867 mg/L	0.867 mg/L	18:05:10
3	V 290.880	30502.6	21233.5	0.939 mg/L	0.939 mg/L	18:05:05
3	V 292.402	40256.9	40132.2	0.933 mg/L	0.933 mg/L	18:05:05
3	Zn 206.200	5374.6	5362.9	0.952 mg/L	0.952 mg/L	18:05:10
3	Zn 213.857	31950.9	31618.5	0.942 mg/L	0.942 mg/L	18:05:05

Mean Data: icv/ccv

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Ag 328.068	109415.6	0.938 mg/L	0.0055	0.938 mg/L	0.0055	0.59%
QC value within limits for Ag 328.068 Recovery = 93.85%						
Ag 338.289	38609.4	0.940 mg/L	0.0079	0.940 mg/L	0.0079	0.84%
QC value within limits for Ag 338.289 Recovery = 93.99%						
Al 308.215	16370.1	1.14 mg/L	0.028	1.14 mg/L	0.028	2.43
QC value greater than the upper limit for Al 308.215 Recovery = 114.09%						
Al 396.153	1554.4	0.900 mg/L	0.0125	0.900 mg/L	0.0125	1.39%
QC value within limits for Al 396.153 Recovery = 90.03%						

```
As 188.979              554.6       0.915 mg/L        0.0172       0.915 mg/L        0.0172   1.88%
   QC value within limits for As 188.979  Recovery = 91.49%
As 193.696              698.4       0.957 mg/L        0.0077       0.957 mg/L        0.0077   0.80%
   QC value within limits for As 193.696  Recovery = 95.69%
B 182.528               367.5        1.07 mg/L         0.013        1.07 mg/L         0.013   1.20%
   QC value within limits for B 182.528  Recovery = 107.23%
B 249.677             22687.8        1.02 mg/L         0.003        1.02 mg/L         0.003   0.32%
   QC value within limits for B 249.677  Recovery = 101.88%
Ba 233.527            10268.7       0.955 mg/L        0.0050       0.955 mg/L        0.0050   0.53%
   QC value within limits for Ba 233.527  Recovery = 95.47%
Be 313.107          1454168.1       0.994 mg/L        0.0126       0.994 mg/L        0.0126   1.27%
   QC value within limits for Be 313.107  Recovery = 99.44%
Be 234.861           283391.1       0.949 mg/L        0.0028       0.949 mg/L        0.0028   0.29%
   QC value within limits for Be 234.861  Recovery = 94.95%
Ca 317.933            17481.8       0.907 mg/L        0.0045       0.907 mg/L        0.0045   0.50%
   QC value within limits for Ca 317.933  Recovery = 90.71%
Cd 228.802             7998.2       0.923 mg/L        0.0034       0.923 mg/L        0.0034   0.36%
   QC value within limits for Cd 228.802  Recovery = 92.31%
Cd 214.440            12572.4       0.939 mg/L        0.0025       0.939 mg/L        0.0025   0.27%
   QC value within limits for Cd 214.440  Recovery = 93.85%
Co 228.616             4844.2       0.927 mg/L        0.0032       0.927 mg/L        0.0032   0.35%
   QC value within limits for Co 228.616  Recovery = 92.75%
Cr 205.560             5808.7       0.939 mg/L        0.0004       0.939 mg/L        0.0004   0.05%
   QC value within limits for Cr 205.560  Recovery = 93.88%
Cr 267.716            21839.8       0.944 mg/L        0.0057       0.944 mg/L        0.0057   0.61%
   QC value within limits for Cr 267.716  Recovery = 94.37%
Cu 327.393           157924.1       0.910 mg/L        0.0077       0.910 mg/L        0.0077   0.84%
   QC value within limits for Cu 327.393  Recovery = 91.00%
Cu 324.752           296997.6       0.931 mg/L        0.0084       0.931 mg/L        0.0084   0.90%
   QC value within limits for Cu 324.752  Recovery = 93.11%
Fe 273.955             2877.0       0.918 mg/L        0.0083       0.918 mg/L        0.0083   0.90%
   QC value within limits for Fe 273.955  Recovery = 91.77%
Fe 259.939            26599.2       0.931 mg/L        0.0049       0.931 mg/L        0.0049   0.53%
   QC value within limits for Fe 259.939  Recovery = 93.12%
Fe 238.204            15156.6       0.889 mg/L        0.0016       0.889 mg/L        0.0016   0.18%
   QC value less than the lower limit for Fe 238.204  Recovery = 88.89%
K 766.490            437069.0        8.47 mg/L         0.079        8.47 mg/L         0.079   0.93%
   QC value less than the lower limit for K 766.490  Recovery = 84.71%
K 404.721               343.9       0.000 mg/L        0.0000       0.000 mg/L        0.0000   0.00%
   QC value less than the lower limit for K 404.721  Recovery = 0.00%
Li 670.784          1261544.9       0.929 mg/L        0.0054       0.929 mg/L        0.0054   0.58%
   QC value within limits for Li 670.784  Recovery = 92.87%
Mg 285.213           216105.6       0.925 mg/L        0.0064       0.925 mg/L        0.0064   0.69%
   QC value within limits for Mg 285.213  Recovery = 92.46%
Mn 257.610            88673.5       0.958 mg/L        0.0056       0.958 mg/L        0.0056   0.58%
   QC value within limits for Mn 257.610  Recovery = 95.83%
Mo 202.031             3401.2       0.948 mg/L        0.0043       0.948 mg/L        0.0043   0.45%
   QC value within limits for Mo 202.031  Recovery = 94.76%
Na 589.592             2759.4       0.947 mg/L        0.1109       0.947 mg/L        0.1109  11.71%
   QC value within limits for Na 589.592  Recovery = 94.69%
Na 330.237             1502.9       0.902 mg/L        0.0074       0.902 mg/L        0.0074   0.82%
   QC value within limits for Na 330.237  Recovery = 90.22%
Ni 231.604             6687.2       0.931 mg/L        0.0027       0.931 mg/L        0.0027   0.29%
   QC value within limits for Ni 231.604  Recovery = 93.14%
Pb 220.353             1720.9       0.924 mg/L        0.0081       0.924 mg/L        0.0081   0.87%
   QC value within limits for Pb 220.353  Recovery = 92.40%
Pb 217.000              744.3       0.937 mg/L        0.0037       0.937 mg/L        0.0037   0.40%
   QC value within limits for Pb 217.000  Recovery = 93.66%
Sb 206.836             1516.3       0.943 mg/L        0.0077       0.943 mg/L        0.0077   0.81%
   QC value within limits for Sb 206.836  Recovery = 94.30%
Se 196.026              701.9       0.966 mg/L        0.0021       0.966 mg/L        0.0021   0.22%
   QC value within limits for Se 196.026  Recovery = 96.58%
Se 203.985             1001.4       0.970 mg/L        0.0154       0.970 mg/L        0.0154   1.59%
   QC value within limits for Se 203.985  Recovery = 97.05%
Si 251.611            10897.2       0.495 mg/L        0.0009       0.495 mg/L        0.0009   0.19%
   QC value within limits for Si 251.611  Recovery = 98.93%
Ti 334.940           146885.9       0.925 mg/L        0.0051       0.925 mg/L        0.0051   0.55%
   QC value within limits for Ti 334.940  Recovery = 92.47%
Tl 276.787             1302.4       0.932 mg/L        0.0058       0.932 mg/L        0.0058   0.62%
   QC value within limits for Tl 276.787  Recovery = 93.20%
Tl 190.801              264.3       0.891 mg/L        0.0304       0.891 mg/L        0.0304   3.41%
   QC value less than the lower limit for Tl 190.801  Recovery = 89.14%
V 290.880              21429.1       0.948 mg/L        0.0092       0.948 mg/L        0.0092   0.97%
```

QC value within limits for V 290.880 Recovery = 94.76%

V 292.402	40270.9	0.936 mg/L	0.0030	0.936 mg/L	0.0030	0.32%

QC value within limits for V 292.402 Recovery = 93.64%

Zn 206.200	5355.6	0.951 mg/L	0.0016	0.951 mg/L	0.0016	0.1

QC value within limits for Zn 206.200 Recovery = 95.08%

Zn 213.857	31724.1	0.946 mg/L	0.0037	0.946 mg/L	0.0037	0.39%

QC value within limits for Zn 213.857 Recovery = 94.56%

QC Failed. Continue with analysis.

Sequence No.: 74
Sample ID: ccb
Analyst:
Nebulizer Back Pressure: 343.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 69
Date Collected: 7/15/02 6:05:51 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: ccb

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	-68.7	157.6	0.009	mg/L	0.009	mg/L	18:07:37
1	Ag 338.289	-10.7	47.5	0.009	mg/L	0.009	mg/L	18:07:37
1	Al 308.215	38146.7	4836.1	0.156	mg/L	0.156	mg/L	18:07:32
1	Al 396.153	27.9	-47.6	-0.014	mg/L	-0.014	mg/L	18:07:32
1	As 188.979	8.2	7.2	0.004	mg/L	0.004	mg/L	18:07:37
1	As 193.696	-20.9	-5.4	-0.003	mg/L	-0.003	mg/L	18:07:37
1	B 182.528	31.4	39.1	0.108	mg/L	0.108	mg/L	18:07:37
1	B 249.677	2031.0	1944.6	0.085	mg/L	0.085	mg/L	18:07:37
1	Ba 233.527	-63.5	-4.3	0.000	mg/L	0.000	mg/L	18:07:37
1	Be 313.107	155751.8	15242.0	-0.008	mg/L	-0.008	mg/L	18:07:32
1	Be 234.861	-249.7	76.0	-0.016	mg/L	-0.016	mg/L	18:07:37
1	Ca 317.933	-215.6	-173.8	0.016	mg/L	0.016	mg/L	18:07:32
1	Cd 228.802	2.3	-0.2	0.002	mg/L	0.002	mg/L	18:07:37
1	Cd 214.440	234.6	-1.5	-0.009	mg/L	-0.009	mg/L	18:07:37
1	Co 228.616	-96.8	11.5	0.012	mg/L	0.012	mg/L	18:07:3
1	Cr 205.560	-32.6	0.7	0.002	mg/L	0.002	mg/L	18:07:3
1	Cr 267.716	126.9	-20.2	0.001	mg/L	0.001	mg/L	18:07:37
1	Cu 327.393	-13491.2	-1195.0	-0.004	mg/L	-0.004	mg/L	18:07:32
1	Cu 324.752	15979.4	1935.1	0.001	mg/L	0.001	mg/L	18:07:32
1	Fe 273.955	-15.7	1.0	-0.032	mg/L	-0.032	mg/L	18:07:37
1	Fe 259.939	43.2	9.6	-0.036	mg/L	-0.036	mg/L	18:07:37
1	Fe 238.204	116.5	-11.9	-0.034	mg/L	-0.034	mg/L	18:07:37
1	K 766.490	728.4	155.7	0.213	mg/L	0.213	mg/L	18:07:32
1	K 404.721	-13163.8	481.2	0.000	mg/L	0.000	mg/L	18:07:32
1	Li 670.784	-63.0	447.1	0.024	mg/L	0.024	mg/L	18:07:32
1	Mg 285.213	587.7	-169.3	-0.044	mg/L	-0.044	mg/L	18:07:32
1	Mn 257.610	-23.3	25.4	-0.002	mg/L	-0.002	mg/L	18:07:37
1	Mo 202.031	98.5	92.5	0.028	mg/L	0.028	mg/L	18:07:37
1	Na 589.592	-579.1	25.0	0.063	mg/L	0.063	mg/L	18:07:32
1	Na 330.237	-938.0	-154.3	-0.130	mg/L	-0.130	mg/L	18:07:37
1	Ni 231.604	105.7	5.3	0.005	mg/L	0.005	mg/L	18:07:37
1	Pb 220.353	25.2	1.2	0.023	mg/L	0.023	mg/L	18:07:37
1	Pb 217.000	7.0	6.5	0.014	mg/L	0.014	mg/L	18:07:37
1	Sb 206.836	53.5	34.3	0.023	mg/L	0.023	mg/L	18:07:37
1	Se 196.026	-0.5	-7.6	-0.018	mg/L	-0.018	mg/L	18:07:37
1	Se 203.985	-63.4	-3.3	0.002	mg/L	0.002	mg/L	18:07:37
1	Si 251.611	635.2	400.7	0.005	mg/L	0.005	mg/L	18:07:37
1	Ti 334.940	-1088.0	-90.4	-0.001	mg/L	-0.001	mg/L	18:07:37
1	Tl 276.787	125.6	-3.4	0.018	mg/L	0.018	mg/L	18:07:37
1	Tl 190.801	-30.7	-9.1	0.012	mg/L	0.012	mg/L	18:07:37
1	V 290.880	10988.3	1719.2	0.032	mg/L	0.032	mg/L	18:07:32
1	V 292.402	156.0	31.3	-0.002	mg/L	-0.002	mg/L	18:07:37
1	Zn 206.200	1.3	-10.5	-0.046	mg/L	-0.046	mg/L	18:07:37
1	Zn 213.857	327.3	-5.1	-0.053	mg/L	-0.053	mg/L	18:07:37
2	Ag 328.068	-118.3	108.0	0.008	mg/L	0.008	mg/L	18:07:44
2	Ag 338.289	-39.4	18.7	0.009	mg/L	0.009	mg/L	18:07:44
2	Al 308.215	38859.0	5548.4	0.216	mg/L	0.216	mg/L	18:07:38
2	Al 396.153	121.6	46.1	0.039	mg/L	0.039	mg/L	18:07:3
2	As 188.979	8.2	7.3	0.004	mg/L	0.004	mg/L	18:07:4
2	As 193.696	-23.4	-7.9	-0.006	mg/L	-0.006	mg/L	18:07:44
2	B 182.528	26.8	34.5	0.095	mg/L	0.095	mg/L	18:07:44
2	B 249.677	1992.8	1906.3	0.084	mg/L	0.084	mg/L	18:07:44

Analysis Begun

Start Time: 7/16/02 10:37:45 AM
Logged In Analyst: optima
Spectrometer Model: Optima 4300 DV

Plasma On Time: 7/16/02 9:51:51 AM
Technique: ICP Continuous
Autosampler Model: AS-90

Sample Information File: D:\pe\Administrator\Sample Information\run1.sif
Results Data Set: 020716a
Results Library: D:\pe\Administrator\Results\Results.mdb

Method Loaded
Method Name: all metals non int. std.
IEC File:
Method Description: reg6

Method Last Saved: 6/27/02 10:48:33 AM
MSF File:

Sequence No.: 1
Sample ID: Calib Blank 1
Analyst:
Nebulizer Back Pressure: 341.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/16/02 10:37:45 AM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: Calib Blank 1

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc.	Calib. Units	Analysis Time
1	Ag 328.068	-189.4	-189.4	[0.00]	mg/L	10:39:28
1	Ag 338.289	-30.5	-30.5	[0.00]	mg/L	10:39:28
1	Al 308.215	36065.6	36065.6	[0.00]	mg/L	10:39:22
1	Al 396.153	163.0	163.0	[0.00]	mg/L	10:39:22
1	As 188.979	4.7	4.7	[0.00]	mg/L	10:39:28
1	As 193.696	-17.7	-17.7	[0.00]	mg/L	10:39:28
1	B 182.528	4.6	4.6	[0.00]	mg/L	10:39:28
1	B 249.677	838.3	838.3	[0.00]	mg/L	10:39:28
1	Ba 233.527	-73.6	-73.6	[0.00]	mg/L	10:39:28
1	Be 313.107	146482.3	146482.3	[0.00]	mg/L	10:39:22
1	Be 234.861	-328.0	-328.0	[0.00]	mg/L	10:39:28
1	Ca 317.933	-44.0	-44.0	[0.00]	mg/L	10:39:22
1	Cd 228.802	-5.4	-5.4	[0.00]	mg/L	10:39:28
1	Cd 214.440	243.2	243.2	[0.00]	mg/L	10:39:28
1	Co 228.616	-116.2	-116.2	[0.00]	mg/L	10:39:28
1	Cr 205.560	-32.3	-32.3	[0.00]	mg/L	10:39:28
1	Cr 267.716	182.4	182.4	[0.00]	mg/L	10:39:28
1	Cu 327.393	-12295.6	-12295.6	[0.00]	mg/L	10:39:22
1	Cu 324.752	14751.0	14751.0	[0.00]	mg/L	10:39:22
1	Fe 273.955	10.3	10.3	[0.00]	mg/L	10:39:28
1	Fe 259.939	36.0	36.0	[0.00]	mg/L	10:39:28
1	Fe 238.204	142.1	142.1	[0.00]	mg/L	10:39:28
1	K 766.490	648.3	648.3	[0.00]	mg/L	10:39:22
1	K 404.721	-13477.6	-13477.6	[0.00]	mg/L	10:39:22
1	Li 670.784	-442.1	-442.1	[0.00]	mg/L	10:39:22
1	Mg 285.213	782.9	782.9	[0.00]	mg/L	10:39:22
1	Mn 257.610	-48.5	-48.5	[0.00]	mg/L	10:39:28
1	Mo 202.031	18.4	18.4	[0.00]	mg/L	10:39:28
1	Na 589.592	-654.5	-654.5	[0.00]	mg/L	10:39:22
1	Na 330.237	-842.0	-842.0	[0.00]	mg/L	10:39:28
1	Ni 231.604	106.4	106.4	[0.00]	mg/L	10:39:28
1	Pb 220.353	37.7	37.7	[0.00]	mg/L	10:39:28
1	Pb 217.000	10.3	10.3	[0.00]	mg/L	10:39:28
1	Sb 206.836	30.6	30.6	[0.00]	mg/L	10:39:28
1	Se 196.026	14.2	14.2	[0.00]	mg/L	10:39:28
1	Se 203.985	-55.5	-55.5	[0.00]	mg/L	10:39:28
1	Si 251.611	571.1	571.1	[0.00]	mg/L	10:39:28
1	Ti 334.940	-1037.7	-1037.7	[0.00]	mg/L	10:39:28
1	Tl 276.787	112.7	112.7	[0.00]	mg/L	10:39:28
1	Tl 190.801	-23.8	-23.8	[0.00]	mg/L	10:39:28
1	V 290.880	10052.6	10052.6	[0.00]	mg/L	10:39:22
1	V 292.402	132.2	132.2	[0.00]	mg/L	10:39:28
1	Zn 206.200	8.3	8.3	[0.00]	mg/L	10:39:28

1	Zn 213.857	280.2	280.2	[0.00]	mg/L	10:39:28
2	Ag 328.068	-160.1	-160.1	[0.00]	mg/L	10:39:34
2	Ag 338.289	-32.6	-32.6	[0.00]	mg/L	10:39:34
2	Al 308.215	36635.8	36635.8	[0.00]	mg/L	10:39:29
2	Al 396.153	128.8	128.8	[0.00]	mg/L	10:39:29
2	As 188.979	11.3	11.3	[0.00]	mg/L	10:39:34
2	As 193.696	-25.5	-25.5	[0.00]	mg/L	10:39:34
2	B 182.528	12.2	12.2	[0.00]	mg/L	10:39:34
2	B 249.677	829.9	829.9	[0.00]	mg/L	10:39:34
2	Ba 233.527	-75.6	-75.6	[0.00]	mg/L	10:39:34
2	Be 313.107	148156.0	148156.0	[0.00]	mg/L	10:39:29
2	Be 234.861	-287.4	-287.4	[0.00]	mg/L	10:39:34
2	Ca 317.933	-130.4	-130.4	[0.00]	mg/L	10:39:29
2	Cd 228.802	-1.5	-1.5	[0.00]	mg/L	10:39:34
2	Cd 214.440	248.8	248.8	[0.00]	mg/L	10:39:34
2	Co 228.616	-119.1	-119.1	[0.00]	mg/L	10:39:34
2	Cr 205.560	-19.7	-19.7	[0.00]	mg/L	10:39:34
2	Cr 267.716	153.5	153.5	[0.00]	mg/L	10:39:34
2	Cu 327.393	-12541.2	-12541.2	[0.00]	mg/L	10:39:29
2	Cu 324.752	14754.3	14754.3	[0.00]	mg/L	10:39:29
2	Fe 273.955	-14.9	-14.9	[0.00]	mg/L	10:39:34
2	Fe 259.939	21.0	21.0	[0.00]	mg/L	10:39:34
2	Fe 238.204	149.7	149.7	[0.00]	mg/L	10:39:34
2	K 766.490	554.1	554.1	[0.00]	mg/L	10:39:29
2	K 404.721	-13302.9	-13302.9	[0.00]	mg/L	10:39:29
2	Li 670.784	-430.7	-430.7	[0.00]	mg/L	10:39:29
2	Mg 285.213	819.5	819.5	[0.00]	mg/L	10:39:29
2	Mn 257.610	-44.8	-44.8	[0.00]	mg/L	10:39:34
2	Mo 202.031	32.2	32.2	[0.00]	mg/L	10:39:34
2	Na 589.592	-620.3	-620.3	[0.00]	mg/L	10:39:29
2	Na 330.237	-840.4	-840.4	[0.00]	mg/L	10:39:34
2	Ni 231.604	102.5	102.5	[0.00]	mg/L	10:39:34
2	Pb 220.353	15.9	15.9	[0.00]	mg/L	10:39:34
2	Pb 217.000	10.4	10.4	[0.00]	mg/L	10:39:34
2	Sb 206.836	24.0	24.0	[0.00]	mg/L	10:39:34
2	Se 196.026	17.7	17.7	[0.00]	mg/L	10:39:34
2	Se 203.985	-52.2	-52.2	[0.00]	mg/L	10:39:34
2	Si 251.611	594.8	594.8	[0.00]	mg/L	10:39:34
2	Ti 334.940	-1024.0	-1024.0	[0.00]	mg/L	10:39:34
2	Tl 276.787	117.1	117.1	[0.00]	mg/L	10:39:34
2	Tl 190.801	-19.3	-19.3	[0.00]	mg/L	10:39:34
2	V 290.880	10277.7	10277.7	[0.00]	mg/L	10:39:29
2	V 292.402	138.1	138.1	[0.00]	mg/L	10:39:34
2	Zn 206.200	7.9	7.9	[0.00]	mg/L	10:39:34
2	Zn 213.857	289.6	289.6	[0.00]	mg/L	10:39:34
3	Ag 328.068	-199.5	-199.5	[0.00]	mg/L	10:39:41
3	Ag 338.289	-23.8	-23.8	[0.00]	mg/L	10:39:41
3	Al 308.215	35835.5	35835.5	[0.00]	mg/L	10:39:36
3	Al 396.153	114.1	114.1	[0.00]	mg/L	10:39:36
3	As 188.979	20.4	20.4	[0.00]	mg/L	10:39:41
3	As 193.696	-26.2	-26.2	[0.00]	mg/L	10:39:41
3	B 182.528	2.0	2.0	[0.00]	mg/L	10:39:41
3	B 249.677	829.9	829.9	[0.00]	mg/L	10:39:41
3	Ba 233.527	-60.3	-60.3	[0.00]	mg/L	10:39:41
3	Be 313.107	145089.4	145089.4	[0.00]	mg/L	10:39:36
3	Be 234.861	-294.2	-294.2	[0.00]	mg/L	10:39:41
3	Ca 317.933	-78.5	-78.5	[0.00]	mg/L	10:39:36
3	Cd 228.802	-1.0	-1.0	[0.00]	mg/L	10:39:41
3	Cd 214.440	260.1	260.1	[0.00]	mg/L	10:39:41
3	Co 228.616	-116.3	-116.3	[0.00]	mg/L	10:39:41
3	Cr 205.560	-46.7	-46.7	[0.00]	mg/L	10:39:41
3	Cr 267.716	181.6	181.6	[0.00]	mg/L	10:39:41
3	Cu 327.393	-12411.8	-12411.8	[0.00]	mg/L	10:39:36
3	Cu 324.752	14545.6	14545.6	[0.00]	mg/L	10:39:36
3	Fe 273.955	15.5	15.5	[0.00]	mg/L	10:39:41
3	Fe 259.939	40.2	40.2	[0.00]	mg/L	10:39:41
3	Fe 238.204	163.6	163.6	[0.00]	mg/L	10:39:41
3	K 766.490	687.7	687.7	[0.00]	mg/L	10:39:36
3	K 404.721	-13593.8	-13593.8	[0.00]	mg/L	10:39:36
3	Li 670.784	-646.6	-646.6	[0.00]	mg/L	10:39:36
3	Mg 285.213	760.3	760.3	[0.00]	mg/L	10:39:36
3	Mn 257.610	-55.8	-55.8	[0.00]	mg/L	10:39:41
3	Mo 202.031	12.0	12.0	[0.00]	mg/L	10:39:41

3	Na 589.592	-646.8	-646.8	[0.00]	mg/L	10:39:36
3	Na 330.237	-806.6	-806.6	[0.00]	mg/L	10:39:41
3	Ni 231.604	96.3	96.3	[0.00]	mg/L	10:39:41
3	Pb 220.353	12.9	12.9	[0.00]	mg/L	10:39:41
3	Pb 217.000	-7.5	-7.5	[0.00]	mg/L	10:39:41
3	Sb 206.836	26.4	26.4	[0.00]	mg/L	10:39:41
3	Se 196.026	6.6	6.6	[0.00]	mg/L	10:39:41
3	Se 203.985	-55.7	-55.7	[0.00]	mg/L	10:39:41
3	Si 251.611	620.6	620.6	[0.00]	mg/L	10:39:41
3	Ti 334.940	-1029.7	-1029.7	[0.00]	mg/L	10:39:41
3	Tl 276.787	121.6	121.6	[0.00]	mg/L	10:39:41
3	Tl 190.801	-26.6	-26.6	[0.00]	mg/L	10:39:41
3	V 290.880	10054.9	10054.9	[0.00]	mg/L	10:39:36
3	V 292.402	137.4	137.4	[0.00]	mg/L	10:39:41
3	Zn 206.200	1.9	1.9	[0.00]	mg/L	10:39:41
3	Zn 213.857	292.8	292.8	[0.00]	mg/L	10:39:41

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	-183.0	20.47	11.19%	[0.00]	mg/L
Ag 338.289	-29.0	4.60	15.89%	[0.00]	mg/L
Al 308.215	36179.0	412.03	1.14%	[0.00]	mg/L
Al 396.153	135.3	25.13	18.58%	[0.00]	mg/L
As 188.979	12.1	7.85	64.77%	[0.00]	mg/L
As 193.696	-23.1	4.68	20.22%	[0.00]	mg/L
B 182.528	6.3	5.33	85.22%	[0.00]	mg/L
B 249.677	832.7	4.87	0.59%	[0.00]	mg/L
Ba 233.527	-69.8	8.30	11.89%	[0.00]	mg/L
Be 313.107	146575.9	1535.42	1.05%	[0.00]	mg/L
Be 234.861	-303.2	21.76	7.18%	[0.00]	mg/L
Ca 317.933	-84.3	43.45	51.55%	[0.00]	mg/L
Cd 228.802	-2.7	2.42	91.20%	[0.00]	mg/L
Cd 214.440	250.7	8.61	3.44%	[0.00]	mg/L
Co 228.616	-117.2	1.65	1.40%	[0.00]	mg/L
Cr 205.560	-32.9	13.51	41.06%	[0.00]	mg/L
Cr 267.716	172.5	16.43	9.52%	[0.00]	mg/L
Cu 327.393	-12416.2	122.82	0.99%	[0.00]	mg/L
Cu 324.752	14683.6	119.57	0.81%	[0.00]	mg/L
Fe 273.955	3.6	16.27	447.20%	[0.00]	mg/L
Fe 259.939	32.4	10.08	31.12%	[0.00]	mg/L
Fe 238.204	151.8	10.91	7.18%	[0.00]	mg/L
K 766.490	630.0	68.63	10.89%	[0.00]	mg/L
K 404.721	-13458.1	146.40	1.09%	[0.00]	mg/L
Li 670.784	-506.5	121.49	23.99%	[0.00]	mg/L
Mg 285.213	787.6	29.91	3.80%	[0.00]	mg/L
Mn 257.610	-49.7	5.64	11.34%	[0.00]	mg/L
Mo 202.031	20.9	10.34	49.55%	[0.00]	mg/L
Na 589.592	-640.5	17.93	2.80%	[0.00]	mg/L
Na 330.237	-829.6	19.96	2.41%	[0.00]	mg/L
Ni 231.604	101.7	5.09	5.01%	[0.00]	mg/L
Pb 220.353	22.1	13.51	61.01%	[0.00]	mg/L
Pb 217.000	4.4	10.30	234.99%	[0.00]	mg/L
Sb 206.836	27.0	3.36	12.45%	[0.00]	mg/L
Se 196.026	12.9	5.65	43.95%	[0.00]	mg/L
Se 203.985	-54.5	1.96	3.60%	[0.00]	mg/L
Si 251.611	595.5	24.77	4.16%	[0.00]	mg/L
Ti 334.940	-1030.5	6.90	0.67%	[0.00]	mg/L
Tl 276.787	117.1	4.42	3.77%	[0.00]	mg/L
Tl 190.801	-23.2	3.70	15.92%	[0.00]	mg/L
V 290.880	10128.4	129.30	1.28%	[0.00]	mg/L
V 292.402	135.9	3.20	2.35%	[0.00]	mg/L
Zn 206.200	6.0	3.61	59.84%	[0.00]	mg/L
Zn 213.857	287.5	6.56	2.28%	[0.00]	mg/L

Sequence No.: 2
Sample ID: 1
Analyst:
Nebulizer Back Pressure: 341.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 7/16/02 10:40:17 AM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: 1

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc.	Calib. Units	Analysis Time
1	Ag 328.068	11120.1	11303.1	[0.100]	mg/L	10:41:56
1	Ag 338.289	3932.6	3961.6	[0.100]	mg/L	10:42:01
1	Al 308.215	39564.9	3385.9	[0.100]	mg/L	10:41:56
1	Al 396.153	252.0	116.7	[0.100]	mg/L	10:41:56
1	As 188.979	65.2	53.1	[0.100]	mg/L	10:42:01
1	As 193.696	49.0	72.1	[0.100]	mg/L	10:42:01
1	B 182.528	36.2	29.9	[0.100]	mg/L	10:42:01
1	B 249.677	2916.6	2083.9	[0.100]	mg/L	10:42:01
1	Ba 233.527	1017.8	1087.7	[0.100]	mg/L	10:42:01
1	Be 313.107	304379.5	157803.5	[0.100]	mg/L	10:41:56
1	Be 234.861	29127.3	29430.5	[0.100]	mg/L	10:41:56
1	Ca 317.933	3135.4	3219.7	[0.100]	mg/L	10:41:56
1	Cd 228.802	834.9	837.5	[0.100]	mg/L	10:42:01
1	Cd 214.440	1564.6	1313.9	[0.100]	mg/L	10:42:01
1	Co 228.616	358.9	476.1	[0.100]	mg/L	10:42:01
1	Cr 205.560	529.0	561.9	[0.100]	mg/L	10:42:01
1	Cr 267.716	2424.9	2252.4	[0.100]	mg/L	10:42:01
1	Cu 327.393	3199.2	15615.3	[0.100]	mg/L	10:41:56
1	Cu 324.752	45890.7	31207.1	[0.100]	mg/L	10:41:56
1	Fe 273.955	550.6	547.0	[0.100]	mg/L	10:42:01
1	Fe 259.939	4966.6	4934.2	[0.100]	mg/L	10:42:01
1	Fe 238.204	2912.2	2760.4	[0.100]	mg/L	10:42:01
1	K 766.490	39949.1	39319.0	[0.100]	mg/L	10:41:56
1	K 404.721	-13522.8	-64.7	[1.000]	mg/L	10:41:56
1	Li 670.784	88081.2	88587.7	[0.100]	mg/L	10:41:56
1	Mg 285.213	29515.2	28727.6	[0.100]	mg/L	10:41:56
1	Mn 257.610	9693.0	9742.7	[0.100]	mg/L	10:42:01
1	Mo 202.031	390.0	369.1	[0.100]	mg/L	10:42:01
1	Na 589.592	-675.3	-34.8	[0.100]	mg/L	10:41:56
1	Na 330.237	-508.2	321.5	[0.100]	mg/L	10:42:01
1	Ni 231.604	777.0	675.2	[0.100]	mg/L	10:42:01
1	Pb 220.353	177.4	155.3	[0.100]	mg/L	10:42:01
1	Pb 217.000	82.2	77.8	[0.100]	mg/L	10:42:01
1	Sb 206.836	173.1	146.1	[0.100]	mg/L	10:42:01
1	Se 196.026	83.7	70.8	[0.100]	mg/L	10:42:01
1	Se 203.985	29.7	84.1	[0.100]	mg/L	10:42:01
1	Si 251.611	1741.6	1146.1	[0.050]	mg/L	10:42:01
1	Ti 334.940	14482.7	15513.2	[0.100]	mg/L	10:41:56
1	Tl 276.787	248.0	130.9	[0.100]	mg/L	10:42:01
1	Tl 190.801	-2.0	21.2	[0.100]	mg/L	10:42:01
1	V 290.880	12828.9	2700.5	[0.100]	mg/L	10:41:56
1	V 292.402	4341.4	4205.5	[0.100]	mg/L	10:42:01
2	Ag 328.068	11157.9	11340.9	[0.100]	mg/L	10:42:03
2	Ag 338.289	3970.1	3999.0	[0.100]	mg/L	10:42:08
2	Al 308.215	40556.2	4377.2	[0.100]	mg/L	10:42:03
2	Al 396.153	199.9	64.6	[0.100]	mg/L	10:42:03
2	As 188.979	59.1	46.9	[0.100]	mg/L	10:42:08
2	As 193.696	37.8	60.9	[0.100]	mg/L	10:42:08
2	B 182.528	40.2	34.0	[0.100]	mg/L	10:42:08
2	B 249.677	2954.7	2122.0	[0.100]	mg/L	10:42:08
2	Ba 233.527	1027.6	1097.4	[0.100]	mg/L	10:42:08
2	Be 313.107	307625.4	161049.5	[0.100]	mg/L	10:42:03
2	Be 234.861	29577.5	29880.7	[0.100]	mg/L	10:42:03
2	Ca 317.933	3077.7	3162.0	[0.100]	mg/L	10:42:03
2	Cd 228.802	837.3	839.9	[0.100]	mg/L	10:42:08
2	Cd 214.440	1575.9	1325.2	[0.100]	mg/L	10:42:08
2	Co 228.616	373.7	490.9	[0.100]	mg/L	10:42:08
2	Cr 205.560	548.7	581.6	[0.100]	mg/L	10:42:08
2	Cr 267.716	2400.0	2227.5	[0.100]	mg/L	10:42:08
2	Cu 327.393	3321.4	15737.6	[0.100]	mg/L	10:42:03
2	Cu 324.752	47175.6	32492.0	[0.100]	mg/L	10:42:03
2	Fe 273.955	536.6	532.9	[0.100]	mg/L	10:42:08
2	Fe 259.939	5027.6	4995.2	[0.100]	mg/L	10:42:08
2	Fe 238.204	2922.1	2770.3	[0.100]	mg/L	10:42:08
2	K 766.490	41884.6	41254.6	[0.100]	mg/L	10:42:03
2	K 404.721	-13305.6	152.6	[1.000]	mg/L	10:42:03
2	Li 670.784	93375.2	93881.6	[0.100]	mg/L	10:42:03
2	Mg 285.213	30244.7	29457.1	[0.100]	mg/L	10:42:03

2	Mn 257.610	9764.1	9813.8	[0.100]	mg/L	10:42:08
2	Mo 202.031	376.1	355.3	[0.100]	mg/L	10:42:08
2	Na 589.592	-596.4	44.2	[0.100]	mg/L	10:42:03
2	Na 330.237	-559.8	269.9	[0.100]	mg/L	10:42:08
2	Ni 231.604	813.3	711.6	[0.100]	mg/L	10:42:08
2	Pb 220.353	180.4	158.3	[0.100]	mg/L	10:42:08
2	Pb 217.000	79.4	75.0	[0.100]	mg/L	10:42:08
2	Sb 206.836	150.4	123.4	[0.100]	mg/L	10:42:08
2	Se 196.026	79.0	66.2	[0.100]	mg/L	10:42:08
2	Se 203.985	38.5	92.9	[0.100]	mg/L	10:42:08
2	Si 251.611	1767.9	1172.4	[0.050]	mg/L	10:42:08
2	Ti 334.940	14814.9	15845.3	[0.100]	mg/L	10:42:03
2	Tl 276.787	251.4	134.3	[0.100]	mg/L	10:42:08
2	Tl 190.801	3.9	27.1	[0.100]	mg/L	10:42:08
2	V 290.880	13118.6	2990.1	[0.100]	mg/L	10:42:03
2	V 292.402	4343.0	4207.2	[0.100]	mg/L	10:42:08
3	Ag 328.068	11328.3	11511.2	[0.100]	mg/L	10:42:10
3	Ag 338.289	3927.8	3956.7	[0.100]	mg/L	10:42:15
3	Al 308.215	40277.7	4098.7	[0.100]	mg/L	10:42:10
3	Al 396.153	272.1	136.9	[0.100]	mg/L	10:42:10
3	As 188.979	62.7	50.5	[0.100]	mg/L	10:42:15
3	As 193.696	40.7	63.8	[0.100]	mg/L	10:42:15
3	B 182.528	40.3	34.0	[0.100]	mg/L	10:42:15
3	B 249.677	2975.9	2143.2	[0.100]	mg/L	10:42:15
3	Ba 233.527	1018.2	1088.0	[0.100]	mg/L	10:42:15
3	Be 313.107	311245.2	164669.3	[0.100]	mg/L	10:42:10
3	Be 234.861	30194.6	30497.8	[0.100]	mg/L	10:42:10
3	Ca 317.933	3185.3	3269.6	[0.100]	mg/L	10:42:10
3	Cd 228.802	833.8	836.4	[0.100]	mg/L	10:42:15
3	Cd 214.440	1587.9	1337.2	[0.100]	mg/L	10:42:15
3	Co 228.616	380.6	497.8	[0.100]	mg/L	10:42:15
3	Cr 205.560	558.2	591.1	[0.100]	mg/L	10:42:15
3	Cr 267.716	2450.2	2277.7	[0.100]	mg/L	10:42:15
3	Cu 327.393	3499.9	15916.1	[0.100]	mg/L	10:42:10
3	Cu 324.752	47136.3	32452.7	[0.100]	mg/L	10:42:10
3	Fe 273.955	563.3	559.7	[0.100]	mg/L	10:42:15
3	Fe 259.939	4983.9	4951.5	[0.100]	mg/L	10:42:15
3	Fe 238.204	2915.3	2763.5	[0.100]	mg/L	10:42:15
3	K 766.490	42725.1	42095.1	[0.100]	mg/L	10:42:10
3	K 404.721	-13516.8	-58.7	[1.000]	mg/L	10:42:10
3	Li 670.784	94608.2	95114.7	[0.100]	mg/L	10:42:10
3	Mg 285.213	30444.4	29656.9	[0.100]	mg/L	10:42:10
3	Mn 257.610	9766.9	9816.6	[0.100]	mg/L	10:42:15
3	Mo 202.031	376.6	355.8	[0.100]	mg/L	10:42:15
3	Na 589.592	-441.8	198.7	[0.100]	mg/L	10:42:10
3	Na 330.237	-529.1	300.5	[0.100]	mg/L	10:42:15
3	Ni 231.604	821.9	720.2	[0.100]	mg/L	10:42:15
3	Pb 220.353	202.1	180.0	[0.100]	mg/L	10:42:15
3	Pb 217.000	90.9	86.5	[0.100]	mg/L	10:42:15
3	Sb 206.836	162.1	135.1	[0.100]	mg/L	10:42:15
3	Se 196.026	81.5	68.6	[0.100]	mg/L	10:42:15
3	Se 203.985	21.1	75.5	[0.100]	mg/L	10:42:15
3	Si 251.611	1794.5	1199.0	[0.050]	mg/L	10:42:15
3	Ti 334.940	15048.1	16078.6	[0.100]	mg/L	10:42:10
3	Tl 276.787	252.6	135.5	[0.100]	mg/L	10:42:15
3	Tl 190.801	-10.5	12.7	[0.100]	mg/L	10:42:15
3	V 290.880	12917.0	2788.5	[0.100]	mg/L	10:42:10
3	V 292.402	4387.6	4251.7	[0.100]	mg/L	10:42:15

Mean Data: 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	11385.1	110.88	0.97%	[0.100]	mg/L
Ag 338.289	3972.5	23.15	0.58%	[0.100]	mg/L
Al 308.215	3953.9	511.25	12.93%	[0.100]	mg/L
Al 396.153	106.1	37.26	35.13%	[0.100]	mg/L
As 188.979	50.2	3.08	6.14%	[0.100]	mg/L
As 193.696	65.6	5.84	8.90%	[0.100]	mg/L
B 182.528	32.6	2.37	7.27%	[0.100]	mg/L
B 249.677	2116.4	30.07	1.42%	[0.100]	mg/L
Ba 233.527	1091.0	5.52	0.51%	[0.100]	mg/L
Be 313.107	161174.1	3434.60	2.13%	[0.100]	mg/L

Be 234.861	29936.3	535.84	1.79%	[0.100]	mg/L
Ca 317.933	3217.1	53.87	1.67%	[0.100]	mg/L
Cd 228.802	838.0	1.80	0.22%	[0.100]	mg/L
Cd 214.440	1325.4	11.63	0.88%	[0.100]	mg/L
Co 228.616	488.2	11.11	2.28%	[0.100]	mg/L
Cr 205.560	578.2	14.89	2.57%	[0.100]	mg/L
Cr 267.716	2252.5	25.09	1.11%	[0.100]	mg/L
Cu 327.393	15756.3	151.26	0.96%	[0.100]	mg/L
Cu 324.752	32050.6	730.74	2.28%	[0.100]	mg/L
Fe 273.955	546.5	13.37	2.45%	[0.100]	mg/L
Fe 259.939	4960.3	31.47	0.63%	[0.100]	mg/L
Fe 238.204	2764.7	5.05	0.18%	[0.100]	mg/L
K 766.490	40889.6	1423.58	3.48%	[0.100]	mg/L
K 404.721	9.7	123.74	>999.9%	[1.000]	mg/L
Li 670.784	92528.0	3467.67	3.75%	[0.100]	mg/L
Mg 285.213	29280.5	489.13	1.67%	[0.100]	mg/L
Mn 257.610	9791.0	41.85	0.43%	[0.100]	mg/L
Mo 202.031	360.0	7.84	2.18%	[0.100]	mg/L
Na 589.592	69.4	118.77	171.25%	[0.100]	mg/L
Na 330.237	297.3	25.96	8.73%	[0.100]	mg/L
Ni 231.604	702.3	23.86	3.40%	[0.100]	mg/L
Pb 220.353	164.5	13.49	8.20%	[0.100]	mg/L
Pb 217.000	79.8	5.99	7.51%	[0.100]	mg/L
Sb 206.836	134.9	11.33	8.40%	[0.100]	mg/L
Se 196.026	68.5	2.34	3.42%	[0.100]	mg/L
Se 203.985	84.2	8.71	10.35%	[0.100]	mg/L
Si 251.611	1172.5	26.44	2.25%	[0.050]	mg/L
Ti 334.940	15812.4	284.11	1.80%	[0.100]	mg/L
Tl 276.787	133.6	2.38	1.78%	[0.100]	mg/L
Tl 190.801	20.3	7.23	35.55%	[0.100]	mg/L
V 290.880	2826.4	148.50	5.25%	[0.100]	mg/L
V 292.402	4221.4	26.22	0.62%	[0.100]	mg/L

Sequence No.: 3 **Autosampler Location: 4**
Sample ID: 2 **Date Collected: 7/16/02 10:42:53 AM**
Analyst:
Nebulizer Back Pressure: 341.0 kPa **Nebulizer Flow: 0.85 L/min**
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Replicate Data: 2

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc.	Calib. Units	Analysis Time
1	Ag 328.068	56841.0	57024.0	[0.500]	mg/L	10:44:34
1	Ag 338.289	20087.9	20116.9	[0.500]	mg/L	10:44:34
1	Al 308.215	44389.2	8210.2	[0.500]	mg/L	10:44:34
1	Al 396.153	765.7	630.4	[0.500]	mg/L	10:44:34
1	As 188.979	273.0	260.8	[0.500]	mg/L	10:44:39
1	As 193.696	328.6	351.7	[0.500]	mg/L	10:44:39
1	B 182.528	178.5	172.2	[0.500]	mg/L	10:44:39
1	B 249.677	11109.9	10277.2	[0.500]	mg/L	10:44:34
1	Ba 233.527	5325.0	5394.8	[0.500]	mg/L	10:44:39
1	Be 313.107	896631.4	750055.5	[0.500]	mg/L	10:44:32
1	Be 234.861	146559.9	146863.1	[0.500]	mg/L	10:44:34
1	Ca 317.933	8988.7	9073.0	[0.500]	mg/L	10:44:34
1	Cd 228.802	4250.6	4253.2	[0.500]	mg/L	10:44:39
1	Cd 214.440	6767.1	6516.4	[0.500]	mg/L	10:44:39
1	Co 228.616	2389.3	2506.5	[0.500]	mg/L	10:44:39
1	Cr 205.560	2908.6	2941.5	[0.500]	mg/L	10:44:39
1	Cr 267.716	11464.7	11292.3	[0.500]	mg/L	10:44:34
1	Cu 327.393	69285.7	81701.9	[0.500]	mg/L	10:44:34
1	Cu 324.752	170119.2	155435.5	[0.500]	mg/L	10:44:34
1	Fe 273.955	1529.8	1526.1	[0.500]	mg/L	10:44:39
1	Fe 259.939	14044.5	14012.1	[0.500]	mg/L	10:44:39
1	Fe 238.204	7908.1	7756.3	[0.500]	mg/L	10:44:39
1	K 766.490	192994.7	192364.7	[5.000]	mg/L	10:44:32
1	K 404.721	-13257.3	200.8	[5.000]	mg/L	10:44:34
1	Li 670.784	526105.0	526611.4	[0.500]	mg/L	10:44:32
1	Mg 285.213	111771.3	110983.7	[0.500]	mg/L	10:44:34
1	Mn 257.610	46840.0	46889.7	[0.500]	mg/L	10:44:34
1	Mo 202.031	1725.5	1704.6	[0.500]	mg/L	10:44:39

1	Na 589.592	-38.1	602.5	[0.500]	mg/L	10:44:32
1	Na 330.237	63.1	892.7	[0.500]	mg/L	10:44:39
1	Ni 231.604	3572.0	3470.3	[0.500]	mg/L	10:44:39
1	Pb 220.353	894.9	872.8	[0.500]	mg/L	10:44:39
1	Pb 217.000	394.3	389.9	[0.500]	mg/L	10:44:39
1	Sb 206.836	751.9	724.9	[0.500]	mg/L	10:44:39
1	Se 196.026	380.2	367.4	[0.500]	mg/L	10:44:39
1	Se 203.985	415.4	469.8	[0.500]	mg/L	10:44:39
1	Si 251.611	5931.7	5336.2	[0.250]	mg/L	10:44:39
1	Ti 334.940	76470.4	77500.9	[0.500]	mg/L	10:44:34
1	Tl 276.787	776.1	658.9	[0.500]	mg/L	10:44:39
1	Tl 190.801	96.1	119.4	[0.500]	mg/L	10:44:39
1	V 290.880	20961.1	10832.7	[0.500]	mg/L	10:44:34
1	V 292.402	21310.1	21174.2	[0.500]	mg/L	10:44:34
1	Zn 206.200	3004.4	2998.4	[0.500]	mg/L	10:44:39
1	Zn 213.857	17954.9	17667.4	[0.500]	mg/L	10:44:34
2	Ag 328.068	57284.7	57467.7	[0.500]	mg/L	10:44:42
2	Ag 338.289	20120.5	20149.5	[0.500]	mg/L	10:44:42
2	Al 308.215	44862.1	8683.1	[0.500]	mg/L	10:44:42
2	Al 396.153	691.1	555.8	[0.500]	mg/L	10:44:42
2	As 188.979	289.5	277.4	[0.500]	mg/L	10:44:47
2	As 193.696	322.9	346.0	[0.500]	mg/L	10:44:47
2	B 182.528	187.8	181.6	[0.500]	mg/L	10:44:47
2	B 249.677	11264.5	10431.9	[0.500]	mg/L	10:44:42
2	Ba 233.527	5322.3	5392.2	[0.500]	mg/L	10:44:47
2	Be 313.107	907724.3	761148.4	[0.500]	mg/L	10:44:41
2	Be 234.861	147993.5	148296.7	[0.500]	mg/L	10:44:42
2	Ca 317.933	9125.3	9209.6	[0.500]	mg/L	10:44:42
2	Cd 228.802	4266.8	4269.5	[0.500]	mg/L	10:44:47
2	Cd 214.440	6800.7	6550.0	[0.500]	mg/L	10:44:47
2	Co 228.616	2403.9	2521.0	[0.500]	mg/L	10:44:47
2	Cr 205.560	2940.9	2973.8	[0.500]	mg/L	10:44:47
2	Cr 267.716	11565.6	11393.2	[0.500]	mg/L	10:44:42
2	Cu 327.393	71083.3	83499.5	[0.500]	mg/L	10:44:42
2	Cu 324.752	173333.0	158649.3	[0.500]	mg/L	10:44:42
2	Fe 273.955	1545.1	1541.4	[0.500]	mg/L	10:44:47
2	Fe 259.939	14018.3	13985.9	[0.500]	mg/L	10:44:47
2	Fe 238.204	7919.8	7768.0	[0.500]	mg/L	10:44:47
2	K 766.490	203102.3	202472.3	[5.000]	mg/L	10:44:41
2	K 404.721	-13274.2	183.9	[5.000]	mg/L	10:44:42
2	Li 670.784	551019.9	551526.3	[0.500]	mg/L	10:44:41
2	Mg 285.213	113227.7	112440.2	[0.500]	mg/L	10:44:42
2	Mn 257.610	47484.9	47534.6	[0.500]	mg/L	10:44:42
2	Mo 202.031	1728.1	1707.3	[0.500]	mg/L	10:44:47
2	Na 589.592	162.1	802.6	[0.500]	mg/L	10:44:41
2	Na 330.237	52.1	881.7	[0.500]	mg/L	10:44:47
2	Ni 231.604	3545.7	3444.0	[0.500]	mg/L	10:44:47
2	Pb 220.353	894.8	872.6	[0.500]	mg/L	10:44:47
2	Pb 217.000	385.7	381.3	[0.500]	mg/L	10:44:47
2	Sb 206.836	755.7	728.7	[0.500]	mg/L	10:44:47
2	Se 196.026	367.1	354.2	[0.500]	mg/L	10:44:47
2	Se 203.985	419.1	473.5	[0.500]	mg/L	10:44:47
2	Si 251.611	5922.2	5326.7	[0.250]	mg/L	10:44:47
2	Ti 334.940	77539.2	78569.7	[0.500]	mg/L	10:44:42
2	Tl 276.787	765.6	648.5	[0.500]	mg/L	10:44:47
2	Tl 190.801	96.1	119.3	[0.500]	mg/L	10:44:47
2	V 290.880	21226.8	11098.4	[0.500]	mg/L	10:44:42
2	V 292.402	21456.4	21320.5	[0.500]	mg/L	10:44:42
2	Zn 206.200	3023.2	3017.1	[0.500]	mg/L	10:44:47
2	Zn 213.857	18193.3	17905.7	[0.500]	mg/L	10:44:42
3	Ag 328.068	57828.1	58011.1	[0.500]	mg/L	10:44:50
3	Ag 338.289	20151.5	20180.4	[0.500]	mg/L	10:44:50
3	Al 308.215	45232.6	9053.6	[0.500]	mg/L	10:44:50
3	Al 396.153	863.0	727.7	[0.500]	mg/L	10:44:50
3	As 188.979	281.0	268.8	[0.500]	mg/L	10:44:56
3	As 193.696	324.1	347.2	[0.500]	mg/L	10:44:56
3	B 182.528	197.7	191.5	[0.500]	mg/L	10:44:56
3	B 249.677	11585.6	10752.9	[0.500]	mg/L	10:44:50
3	Ba 233.527	5328.2	5398.0	[0.500]	mg/L	10:44:56
3	Be 313.107	922448.6	775872.6	[0.500]	mg/L	10:44:49
3	Be 234.861	149020.9	149324.1	[0.500]	mg/L	10:44:50
3	Ca 317.933	9228.1	9312.4	[0.500]	mg/L	10:44:50
3	Cd 228.802	4279.6	4282.2	[0.500]	mg/L	10:44:56

3	Cd 214.440	6781.3	6530.5	[0.500]	mg/L	10:44:56
3	Co 228.616	2423.7	2540.9	[0.500]	mg/L	10:44:56
3	Cr 205.560	2932.7	2965.6	[0.500]	mg/L	10:44:56
3	Cr 267.716	11726.8	11554.4	[0.500]	mg/L	10:44:50
3	Cu 327.393	71487.7	83903.9	[0.500]	mg/L	10:44:50
3	Cu 324.752	174690.1	160006.4	[0.500]	mg/L	10:44:50
3	Fe 273.955	1546.0	1542.3	[0.500]	mg/L	10:44:56
3	Fe 259.939	14100.9	14068.6	[0.500]	mg/L	10:44:56
3	Fe 238.204	7970.4	7818.6	[0.500]	mg/L	10:44:56
3	K 766.490	206202.8	205572.8	[5.000]	mg/L	10:44:49
3	K 404.721	-12939.4	518.7	[5.000]	mg/L	10:44:50
3	Li 670.784	554078.6	554585.0	[0.500]	mg/L	10:44:49
3	Mg 285.213	114624.8	113837.3	[0.500]	mg/L	10:44:50
3	Mn 257.610	47858.8	47908.5	[0.500]	mg/L	10:44:50
3	Mo 202.031	1768.9	1748.0	[0.500]	mg/L	10:44:56
3	Na 589.592	98.8	739.4	[0.500]	mg/L	10:44:49
3	Na 330.237	92.2	921.9	[0.500]	mg/L	10:44:56
3	Ni 231.604	3641.0	3539.3	[0.500]	mg/L	10:44:56
3	Pb 220.353	908.4	886.3	[0.500]	mg/L	10:44:56
3	Pb 217.000	398.7	394.3	[0.500]	mg/L	10:44:56
3	Sb 206.836	771.4	744.4	[0.500]	mg/L	10:44:56
3	Se 196.026	376.2	363.4	[0.500]	mg/L	10:44:56
3	Se 203.985	431.2	485.7	[0.500]	mg/L	10:44:56
3	Si 251.611	6020.3	5424.8	[0.250]	mg/L	10:44:56
3	Ti 334.940	78155.3	79185.7	[0.500]	mg/L	10:44:50
3	Tl 276.787	788.9	671.8	[0.500]	mg/L	10:44:56
3	Tl 190.801	98.2	121.4	[0.500]	mg/L	10:44:56
3	V 290.880	21385.3	11256.9	[0.500]	mg/L	10:44:50
3	V 292.402	21737.0	21601.1	[0.500]	mg/L	10:44:50
3	Zn 206.200	3071.4	3065.4	[0.500]	mg/L	10:44:56
3	Zn 213.857	18429.5	18142.0	[0.500]	mg/L	10:44:50

Mean Data: 2

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	57500.9	494.39	0.86%	[0.500]	mg/L
Ag 338.289	20148.9	31.78	0.16%	[0.500]	mg/L
Al 308.215	8648.9	422.75	4.89%	[0.500]	mg/L
Al 396.153	638.0	86.23	13.52%	[0.500]	mg/L
As 188.979	269.0	8.28	3.08%	[0.500]	mg/L
As 193.696	348.3	3.02	0.87%	[0.500]	mg/L
B 182.528	181.8	9.62	5.29%	[0.500]	mg/L
B 249.677	10487.3	242.65	2.31%	[0.500]	mg/L
Ba 233.527	5395.0	2.92	0.05%	[0.500]	mg/L
Be 313.107	762358.9	12951.07	1.70%	[0.500]	mg/L
Be 234.861	148161.3	1236.05	0.83%	[0.500]	mg/L
Ca 317.933	9198.3	120.08	1.31%	[0.500]	mg/L
Cd 228.802	4268.3	14.54	0.34%	[0.500]	mg/L
Cd 214.440	6532.3	16.89	0.26%	[0.500]	mg/L
Co 228.616	2522.8	17.27	0.68%	[0.500]	mg/L
Cr 205.560	2960.3	16.79	0.57%	[0.500]	mg/L
Cr 267.716	11413.3	132.20	1.16%	[0.500]	mg/L
Cu 327.393	83035.1	1172.14	1.41%	[0.500]	mg/L
Cu 324.752	158030.4	2347.46	1.49%	[0.500]	mg/L
Fe 273.955	1536.6	9.10	0.59%	[0.500]	mg/L
Fe 259.939	14022.2	42.24	0.30%	[0.500]	mg/L
Fe 238.204	7781.0	33.10	0.43%	[0.500]	mg/L
K 766.490	200136.6	6906.87	3.45%	[5.000]	mg/L
K 404.721	301.1	188.58	62.62%	[5.000]	mg/L
Li 670.784	544240.9	15343.99	2.82%	[0.500]	mg/L
Mg 285.213	112420.4	1426.88	1.27%	[0.500]	mg/L
Mn 257.610	47444.3	515.34	1.09%	[0.500]	mg/L
Mo 202.031	1720.0	24.34	1.42%	[0.500]	mg/L
Na 589.592	714.8	102.30	14.31%	[0.500]	mg/L
Na 330.237	898.8	20.77	2.31%	[0.500]	mg/L
Ni 231.604	3484.5	49.23	1.41%	[0.500]	mg/L
Pb 220.353	877.2	7.84	0.89%	[0.500]	mg/L
Pb 217.000	388.5	6.64	1.71%	[0.500]	mg/L
Sb 206.836	732.7	10.36	1.41%	[0.500]	mg/L
Se 196.026	361.7	6.75	1.87%	[0.500]	mg/L
Se 203.985	476.3	8.28	1.74%	[0.500]	mg/L
Si 251.611	5362.6	54.13	1.01%	[0.250]	mg/L

Ti 334.940	78418.8	852.51	1.09%	[0.500]	mg/L
Tl 276.787	659.8	11.66	1.77%	[0.500]	mg/L
Tl 190.801	120.0	1.21	1.01%	[0.500]	mg/L
V 290.880	11062.6	214.36	1.94%	[0.500]	mg/L
V 292.402	21365.2	216.96	1.02%	[0.500]	mg/L
Zn 206.200	3027.0	34.55	1.14%	[0.500]	mg/L
Zn 213.857	17905.0	237.33	1.33%	[0.500]	mg/L

Sequence No.: 4 **Autosampler Location: 5**
Sample ID: 3 **Date Collected: 7/16/02 10:45:34 AM**
Analyst:
Nebulizer Back Pressure: 341.0 kPa **Nebulizer Flow: 0.85 L/min**
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Replicate Data: 3

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc.	Calib. Units	Analysis Time
1	Ag 328.068	113313.9	113496.9	[1.000]	mg/L	10:47:16
1	Ag 338.289	39890.9	39919.9	[1.000]	mg/L	10:47:16
1	Al 308.215	49713.3	13534.3	[1.000]	mg/L	10:47:16
1	Al 396.153	1521.4	1386.2	[1.000]	mg/L	10:47:16
1	As 188.979	547.2	535.1	[1.000]	mg/L	10:47:21
1	As 193.696	688.5	711.6	[1.000]	mg/L	10:47:21
1	B 182.528	356.5	350.2	[1.000]	mg/L	10:47:21
1	B 249.677	21283.1	20450.4	[1.000]	mg/L	10:47:16
1	Ba 233.527	10543.7	10613.6	[1.000]	mg/L	10:47:21
1	Be 313.107	1641107.9	1494532.0	[1.000]	mg/L	10:47:15
1	Be 234.861	280370.2	280673.4	[1.000]	mg/L	10:47:16
1	Ca 317.933	17489.4	17573.7	[1.000]	mg/L	10:47:16
1	Cd 228.802	8412.3	8414.9	[1.000]	mg/L	10:47:21
1	Cd 214.440	12968.8	12718.1	[1.000]	mg/L	10:47:21
1	Co 228.616	4921.1	5038.3	[1.000]	mg/L	10:47:21
1	Cr 205.560	5825.3	5858.2	[1.000]	mg/L	10:47:21
1	Cr 267.716	22485.7	22313.3	[1.000]	mg/L	10:47:16
1	Cu 327.393	151585.5	164001.7	[1.000]	mg/L	10:47:16
1	Cu 324.752	322225.2	307541.5	[1.000]	mg/L	10:47:16
1	Fe 273.955	3041.2	3037.6	[1.000]	mg/L	10:47:21
1	Fe 259.939	27596.7	27564.3	[1.000]	mg/L	10:47:16
1	Fe 238.204	15381.5	15229.7	[1.000]	mg/L	10:47:16
1	K 766.490	441123.9	440493.9	[10.000]	mg/L	10:47:15
1	K 404.721	-13347.3	110.8	[10.000]	mg/L	10:47:16
1	Li 670.784	1229963.7	1230470.1	[1.000]	mg/L	10:47:13
1	Mg 285.213	223146.7	222359.1	[1.000]	mg/L	10:47:16
1	Mn 257.610	92298.8	92348.5	[1.000]	mg/L	10:47:16
1	Mo 202.031	3440.4	3419.5	[1.000]	mg/L	10:47:21
1	Na 589.592	1517.9	2158.5	[1.000]	mg/L	10:47:15
1	Na 330.237	750.4	1580.0	[1.000]	mg/L	10:47:21
1	Ni 231.604	6968.6	6866.8	[1.000]	mg/L	10:47:21
1	Pb 220.353	1824.1	1801.9	[1.000]	mg/L	10:47:21
1	Pb 217.000	774.4	770.0	[1.000]	mg/L	10:47:21
1	Sb 206.836	1531.1	1504.1	[1.000]	mg/L	10:47:21
1	Se 196.026	704.2	691.4	[1.000]	mg/L	10:47:21
1	Se 203.985	920.5	974.9	[1.000]	mg/L	10:47:21
1	Si 251.611	10891.1	10295.7	[0.500]	mg/L	10:47:16
1	Ti 334.940	150663.5	151694.0	[1.000]	mg/L	10:47:16
1	Tl 276.787	1442.4	1325.3	[1.000]	mg/L	10:47:21
1	Tl 190.801	239.0	262.2	[1.000]	mg/L	10:47:21
1	V 290.880	30591.6	20463.2	[1.000]	mg/L	10:47:16
1	V 292.402	41882.5	41746.6	[1.000]	mg/L	10:47:16
1	Zn 206.200	5411.9	5405.9	[1.000]	mg/L	10:47:21
1	Zn 213.857	31854.8	31567.3	[1.000]	mg/L	10:47:16
2	Ag 328.068	116523.3	116706.3	[1.000]	mg/L	10:47:25
2	Ag 338.289	40876.2	40905.1	[1.000]	mg/L	10:47:25
2	Al 308.215	50197.8	14018.8	[1.000]	mg/L	10:47:25
2	Al 396.153	1404.3	1269.0	[1.000]	mg/L	10:47:25
2	As 188.979	539.1	527.0	[1.000]	mg/L	10:47:31
2	As 193.696	690.5	713.6	[1.000]	mg/L	10:47:31
2	B 182.528	365.8	359.6	[1.000]	mg/L	10:47:31
2	B 249.677	22111.2	21278.5	[1.000]	mg/L	10:47:25
2	Ba 233.527	10551.6	10621.4	[1.000]	mg/L	10:47:31

2	Be 313.107	1662263.9	1515688.0	[1.000]	mg/L	10:47:24
2	Be 234.861	288525.0	288828.2	[1.000]	mg/L	10:47:25
2	Ca 317.933	18206.5	18290.8	[1.000]	mg/L	10:47:25
2	Cd 228.802	8449.0	8451.7	[1.000]	mg/L	10:47:31
2	Cd 214.440	12979.5	12728.8	[1.000]	mg/L	10:47:31
2	Co 228.616	4965.9	5083.1	[1.000]	mg/L	10:47:31
2	Cr 205.560	5874.2	5907.1	[1.000]	mg/L	10:47:31
2	Cr 267.716	23255.8	23083.3	[1.000]	mg/L	10:47:25
2	Cu 327.393	154501.6	166917.8	[1.000]	mg/L	10:47:25
2	Cu 324.752	327196.2	312512.5	[1.000]	mg/L	10:47:25
2	Fe 273.955	3070.3	3066.6	[1.000]	mg/L	10:47:31
2	Fe 259.939	28309.7	28277.3	[1.000]	mg/L	10:47:25
2	Fe 238.204	15875.5	15723.7	[1.000]	mg/L	10:47:25
2	K 766.490	450217.6	449587.5	[10.000]	mg/L	10:47:24
2	K 404.721	-13410.9	47.2	[10.000]	mg/L	10:47:25
2	Li 670.784	1275427.4	1275933.8	[1.000]	mg/L	10:47:23
2	Mg 285.213	229421.0	228633.4	[1.000]	mg/L	10:47:25
2	Mn 257.610	95177.8	95227.5	[1.000]	mg/L	10:47:25
2	Mo 202.031	3509.8	3488.9	[1.000]	mg/L	10:47:31
2	Na 589.592	1357.0	1997.5	[1.000]	mg/L	10:47:24
2	Na 330.237	785.0	1614.6	[1.000]	mg/L	10:47:31
2	Ni 231.604	7075.8	6974.1	[1.000]	mg/L	10:47:31
2	Pb 220.353	1789.4	1767.2	[1.000]	mg/L	10:47:31
2	Pb 217.000	790.2	785.8	[1.000]	mg/L	10:47:31
2	Sb 206.836	1545.9	1519.0	[1.000]	mg/L	10:47:31
2	Se 196.026	730.4	717.6	[1.000]	mg/L	10:47:31
2	Se 203.985	942.0	996.5	[1.000]	mg/L	10:47:31
2	Si 251.611	11179.6	10584.1	[0.500]	mg/L	10:47:25
2	Ti 334.940	154525.0	155555.4	[1.000]	mg/L	10:47:25
2	Tl 276.787	1467.5	1350.3	[1.000]	mg/L	10:47:31
2	Tl 190.801	220.0	243.2	[1.000]	mg/L	10:47:31
2	V 290.880	31392.4	21264.0	[1.000]	mg/L	10:47:25
2	V 292.402	43246.6	43110.7	[1.000]	mg/L	10:47:25
2	Zn 206.200	5448.7	5442.7	[1.000]	mg/L	10:47:31
2	Zn 213.857	32826.9	32539.4	[1.000]	mg/L	10:47:25
3	Ag 328.068	115604.0	115786.9	[1.000]	mg/L	10:47:35
3	Ag 338.289	40628.0	40657.0	[1.000]	mg/L	10:47:35
3	Al 308.215	50848.5	14669.5	[1.000]	mg/L	10:47:85
3	Al 396.153	1478.7	1343.4	[1.000]	mg/L	10:47:35
3	As 188.979	568.9	556.7	[1.000]	mg/L	10:47:40
3	As 193.696	714.8	737.9	[1.000]	mg/L	10:47:40
3	B 182.528	369.6	363.4	[1.000]	mg/L	10:47:40
3	B 249.677	22041.0	21208.3	[1.000]	mg/L	10:47:35
3	Ba 233.527	10575.8	10645.6	[1.000]	mg/L	10:47:40
3	Be 313.107	1658314.9	1511739.0	[1.000]	mg/L	10:47:34
3	Be 234.861	288164.7	288467.9	[1.000]	mg/L	10:47:35
3	Ca 317.933	17983.9	18068.2	[1.000]	mg/L	10:47:35
3	Cd 228.802	8540.9	8543.6	[1.000]	mg/L	10:47:40
3	Cd 214.440	13030.2	12779.5	[1.000]	mg/L	10:47:40
3	Co 228.616	5032.5	5149.7	[1.000]	mg/L	10:47:40
3	Cr 205.560	5894.5	5927.4	[1.000]	mg/L	10:47:40
3	Cr 267.716	22908.0	22735.5	[1.000]	mg/L	10:47:35
3	Cu 327.393	155085.5	167501.7	[1.000]	mg/L	10:47:35
3	Cu 324.752	330515.1	315831.4	[1.000]	mg/L	10:47:35
3	Fe 273.955	3065.9	3062.3	[1.000]	mg/L	10:47:40
3	Fe 259.939	28264.0	28231.6	[1.000]	mg/L	10:47:35
3	Fe 238.204	15932.2	15780.4	[1.000]	mg/L	10:47:35
3	K 766.490	449468.2	448838.2	[10.000]	mg/L	10:47:34
3	K 404.721	-13248.8	209.3	[10.000]	mg/L	10:47:35
3	Li 670.784	1240498.5	1241005.0	[1.000]	mg/L	10:47:32
3	Mg 285.213	229677.8	228890.2	[1.000]	mg/L	10:47:35
3	Mn 257.610	94296.9	94346.6	[1.000]	mg/L	10:47:35
3	Mo 202.031	3489.3	3468.5	[1.000]	mg/L	10:47:40
3	Na 589.592	1697.2	2337.8	[1.000]	mg/L	10:47:34
3	Na 330.237	799.7	1629.4	[1.000]	mg/L	10:47:40
3	Ni 231.604	7090.3	6988.6	[1.000]	mg/L	10:47:40
3	Pb 220.353	1819.3	1797.1	[1.000]	mg/L	10:47:40
3	Pb 217.000	822.0	817.6	[1.000]	mg/L	10:47:40
3	Sb 206.836	1568.9	1541.9	[1.000]	mg/L	10:47:40
3	Se 196.026	727.7	714.9	[1.000]	mg/L	10:47:40
3	Se 203.985	953.4	1007.8	[1.000]	mg/L	10:47:40
3	Si 251.611	11213.1	10617.7	[0.500]	mg/L	10:47:35
3	Ti 334.940	154680.8	155711.3	[1.000]	mg/L	10:47:35

3	Tl 276.787	1482.6	1365.5	[1.000]	mg/L	10:47:40
3	Tl 190.801	226.5	249.7	[1.000]	mg/L	10:47:40
3	V 290.880	31548.5	21420.1	[1.000]	mg/L	10:47:35
3	V 292.402	42966.8	42830.9	[1.000]	mg/L	10:47:35
3	Zn 206.200	5467.2	5461.2	[1.000]	mg/L	10:47:40
3	Zn 213.857	32677.1	32389.6	[1.000]	mg/L	10:47:35

Mean Data: 3

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	115330.0	1652.77	1.43%	[1.000]	mg/L
Ag 338.289	40494.0	512.45	1.27%	[1.000]	mg/L
Al 308.215	14074.2	569.64	4.05%	[1.000]	mg/L
Al 396.153	1332.9	59.28	4.45%	[1.000]	mg/L
As 188.979	539.6	15.40	2.85%	[1.000]	mg/L
As 193.696	721.1	14.62	2.03%	[1.000]	mg/L
B 182.528	357.7	6.75	1.89%	[1.000]	mg/L
B 249.677	20979.1	459.21	2.19%	[1.000]	mg/L
Ba 233.527	10626.9	16.71	0.16%	[1.000]	mg/L
Be 313.107	1507319.7	11249.11	0.75%	[1.000]	mg/L
Be 234.861	285989.8	4607.70	1.61%	[1.000]	mg/L
Ca 317.933	17977.5	367.05	2.04%	[1.000]	mg/L
Cd 228.802	8470.1	66.26	0.78%	[1.000]	mg/L
Cd 214.440	12742.1	32.79	0.26%	[1.000]	mg/L
Co 228.616	5090.4	56.06	1.10%	[1.000]	mg/L
Cr 205.560	5897.5	35.57	0.60%	[1.000]	mg/L
Cr 267.716	22710.7	385.63	1.70%	[1.000]	mg/L
Cu 327.393	166140.4	1875.01	1.13%	[1.000]	mg/L
Cu 324.752	311961.8	4172.30	1.34%	[1.000]	mg/L
Fe 273.955	3055.5	15.68	0.51%	[1.000]	mg/L
Fe 259.939	28024.4	399.12	1.42%	[1.000]	mg/L
Fe 238.204	15577.9	302.88	1.94%	[1.000]	mg/L
K 766.490	446306.5	5047.80	1.13%	[10.000]	mg/L
K 404.721	122.4	81.66	66.69%	[10.000]	mg/L
The standards were not analyzed in the same order as the entered (actual) concentrations.					
Li 670.784	1249136.3	23797.60	1.91%	[1.000]	mg/L
Mg 285.213	226627.6	3698.83	1.63%	[1.000]	mg/L
Mn 257.610	93974.2	1475.20	1.57%	[1.000]	mg/L
Mo 202.031	3459.0	35.67	1.03%	[1.000]	mg/L
Na 589.592	2164.6	170.22	7.86%	[1.000]	mg/L
Na 330.237	1608.0	25.32	1.57%	[1.000]	mg/L
Ni 231.604	6943.2	66.51	0.96%	[1.000]	mg/L
Pb 220.353	1788.8	18.79	1.05%	[1.000]	mg/L
Pb 217.000	791.2	24.25	3.07%	[1.000]	mg/L
Sb 206.836	1521.6	19.04	1.25%	[1.000]	mg/L
Se 196.026	707.9	14.40	2.03%	[1.000]	mg/L
Se 203.985	993.1	16.71	1.68%	[1.000]	mg/L
Si 251.611	10499.1	177.02	1.69%	[0.500]	mg/L
Ti 334.940	154320.2	2275.73	1.47%	[1.000]	mg/L
Tl 276.787	1347.0	20.30	1.51%	[1.000]	mg/L
Tl 190.801	251.7	9.63	3.83%	[1.000]	mg/L
V 290.880	21049.1	513.38	2.44%	[1.000]	mg/L
V 292.402	42562.7	720.52	1.69%	[1.000]	mg/L
Zn 206.200	5436.6	28.12	0.52%	[1.000]	mg/L
Zn 213.857	32165.4	523.36	1.63%	[1.000]	mg/L

Sequence No.: 5
Sample ID: 4
Analyst:
Nebulizer Back Pressure: 341.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 7/16/02 10:48:18 AM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: 4

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc.	Calib. Units	Analysis Time
1	Ag 328.068	290883.8	291066.8	[2.500]	mg/L	10:50:01
1	Ag 338.289	102159.9	102188.9	[2.500]	mg/L	10:50:01
1	Al 308.215	67660.8	31481.8	[2.500]	mg/L	10:50:01
1	Al 396.153	3621.5	3486.2	[2.500]	mg/L	10:50:01

1	As 188.979	1350.1	1337.9	[2.500]	mg/L	10:50:07
1	As 193.696	1782.9	1806.0	[2.500]	mg/L	10:50:07
1	B 182.528	869.2	863.0	[2.500]	mg/L	10:50:07
1	B 249.677	52376.7	51544.0	[2.500]	mg/L	10:50:01
1	Ba 233.527	26255.2	26325.1	[2.500]	mg/L	10:50:07
1	Be 313.107	3745190.2	3598614.3	[2.500]	mg/L	10:50:01
1	Be 234.861	697355.5	697658.7	[2.500]	mg/L	10:50:01
1	Ca 317.933	44736.3	44820.6	[2.500]	mg/L	10:50:01
1	Cd 228.802	21031.0	21033.7	[2.500]	mg/L	10:50:07
1	Cd 214.440	31645.7	31394.9	[2.500]	mg/L	10:50:07
1	Co 228.616	12701.1	12818.3	[2.500]	mg/L	10:50:07
1	Cr 205.560	14544.4	14577.3	[2.500]	mg/L	10:50:07
1	Cr 267.716	56741.6	56569.1	[2.500]	mg/L	10:50:01
1	Cu 327.393	409190.3	421606.5	[2.500]	mg/L	10:50:01
1	Cu 324.752	812731.4	798047.7	[2.500]	mg/L	10:50:01
1	Fe 273.955	7692.6	7688.9	[2.500]	mg/L	10:50:07
1	Fe 259.939	69737.4	69705.0	[2.500]	mg/L	10:50:01
1	Fe 238.204	38704.5	38552.7	[2.500]	mg/L	10:50:01
1	K 766.490	1317829.8	1317199.8	[25.000]	mg/L	10:49:59
1	K 404.721	-14163.2	-705.1	[25.000]	mg/L	10:50:01
1	Li 670.784	Saturated2	Saturated2			10:50:07
Saturated in preshot (code 2)						
1	Mg 285.213	595807.4	595019.8	[2.500]	mg/L	10:50:01
1	Mn 257.610	233245.9	233295.6	[2.500]	mg/L	10:50:01
1	Mo 202.031	8630.5	8609.6	[2.500]	mg/L	10:50:07
1	Na 589.592	4193.1	4833.7	[2.500]	mg/L	10:50:01
1	Na 330.237	3083.2	3912.8	[2.500]	mg/L	10:50:07
1	Ni 231.604	17521.1	17419.4	[2.500]	mg/L	10:50:07
1	Pb 220.353	4642.6	4620.5	[2.500]	mg/L	10:50:07
1	Pb 217.000	2060.4	2056.0	[2.500]	mg/L	10:50:07
1	Sb 206.836	3799.3	3772.3	[2.500]	mg/L	10:50:07
1	Se 196.026	1743.4	1730.5	[2.500]	mg/L	10:50:07
1	Se 203.985	2405.3	2459.7	[2.500]	mg/L	10:50:07
1	Si 251.611	25193.8	24598.3	[1.250]	mg/L	10:50:07
1	Ti 334.940	388247.7	389278.1	[2.500]	mg/L	10:50:01
1	Tl 276.787	3672.2	3555.1	[2.500]	mg/L	10:50:07
1	Tl 190.801	647.6	670.8	[2.500]	mg/L	10:50:07
1	V 290.880	60533.4	50405.0	[2.500]	mg/L	10:50:01
1	V 292.402	105355.9	105220.0	[2.500]	mg/L	10:50:01
1	Zn 206.200	12802.0	12796.0	[2.500]	mg/L	10:50:07
1	Zn 213.857	76008.8	75721.3	[2.500]	mg/L	10:50:01
2	Ag 328.068	292528.3	292711.3	[2.500]	mg/L	10:50:11
2	Ag 338.289	102682.5	102711.4	[2.500]	mg/L	10:50:11
2	Al 308.215	68536.4	32357.4	[2.500]	mg/L	10:50:11
2	Al 396.153	3922.6	3787.3	[2.500]	mg/L	10:50:11
2	As 188.979	1358.8	1346.7	[2.500]	mg/L	10:50:18
2	As 193.696	1783.7	1806.8	[2.500]	mg/L	10:50:18
2	B 182.528	879.6	873.4	[2.500]	mg/L	10:50:18
2	B 249.677	53428.8	52596.1	[2.500]	mg/L	10:50:11
2	Ba 233.527	26417.3	26487.1	[2.500]	mg/L	10:50:18
2	Be 313.107	3771681.3	3625105.4	[2.500]	mg/L	10:50:11
2	Be 234.861	700676.7	700979.9	[2.500]	mg/L	10:50:11
2	Ca 317.933	44981.2	45065.4	[2.500]	mg/L	10:50:11
2	Cd 228.802	21146.7	21149.3	[2.500]	mg/L	10:50:18
2	Cd 214.440	31826.4	31575.7	[2.500]	mg/L	10:50:18
2	Co 228.616	12770.4	12887.6	[2.500]	mg/L	10:50:18
2	Cr 205.560	14672.9	14705.8	[2.500]	mg/L	10:50:18
2	Cr 267.716	56786.1	56613.6	[2.500]	mg/L	10:50:11
2	Cu 327.393	415714.0	428130.2	[2.500]	mg/L	10:50:11
2	Cu 324.752	825529.6	810846.0	[2.500]	mg/L	10:50:11
2	Fe 273.955	7769.7	7766.1	[2.500]	mg/L	10:50:18
2	Fe 259.939	70574.4	70542.0	[2.500]	mg/L	10:50:11
2	Fe 238.204	39201.1	39049.3	[2.500]	mg/L	10:50:11
2	K 766.490	1300539.4	1299909.3	[25.000]	mg/L	10:50:09
2	K 404.721	-14218.5	-760.4	[25.000]	mg/L	10:50:11
2	Li 670.784	Saturated2	Saturated2			10:50:18
Saturated in preshot (code 2)						
2	Mg 285.213	603369.4	602581.8	[2.500]	mg/L	10:50:11
2	Mn 257.610	235177.7	235227.4	[2.500]	mg/L	10:50:11
2	Mo 202.031	8705.2	8684.3	[2.500]	mg/L	10:50:18
2	Na 589.592	4092.0	4732.6	[2.500]	mg/L	10:50:11
2	Na 330.237	3118.8	3948.5	[2.500]	mg/L	10:50:18
2	Ni 231.604	17618.7	17517.0	[2.500]	mg/L	10:50:18

2	Pb 220.353	4705.5	4683.3	[2.500]	mg/L	10:50:18
2	Pb 217.000	2064.1	2059.7	[2.500]	mg/L	10:50:18
2	Sb 206.836	3806.0	3779.0	[2.500]	mg/L	10:50:18
2	Se 196.026	1756.6	1743.7	[2.500]	mg/L	10:50:18
2	Se 203.985	2425.3	2479.8	[2.500]	mg/L	10:50:18
2	Si 251.611	25272.5	24677.0	[1.250]	mg/L	10:50:18
2	Ti 334.940	393203.5	394234.0	[2.500]	mg/L	10:50:11
2	Tl 276.787	3693.1	3575.9	[2.500]	mg/L	10:50:18
2	Tl 190.801	666.6	689.8	[2.500]	mg/L	10:50:18
2	V 290.880	61069.8	50941.4	[2.500]	mg/L	10:50:11
2	V 292.402	106149.1	106013.3	[2.500]	mg/L	10:50:11
2	Zn 206.200	12888.1	12882.1	[2.500]	mg/L	10:50:18
2	Zn 213.857	76379.4	76091.9	[2.500]	mg/L	10:50:11
3	Ag 328.068	297612.8	297795.8	[2.500]	mg/L	10:50:22
3	Ag 338.289	104560.7	104589.6	[2.500]	mg/L	10:50:22
3	Al 308.215	69358.6	33179.6	[2.500]	mg/L	10:50:22
3	Al 396.153	3964.9	3829.6	[2.500]	mg/L	10:50:22
3	As 188.979	1367.8	1355.7	[2.500]	mg/L	10:50:28
3	As 193.696	1829.0	1852.1	[2.500]	mg/L	10:50:28
3	B 182.528	891.2	885.0	[2.500]	mg/L	10:50:28
3	B 249.677	54126.4	53293.7	[2.500]	mg/L	10:50:22
3	Ba 233.527	26610.1	26679.9	[2.500]	mg/L	10:50:28
3	Be 313.107	3833540.9	3686965.0	[2.500]	mg/L	10:50:22
3	Be 234.861	713296.5	713599.7	[2.500]	mg/L	10:50:22
3	Ca 317.933	45955.6	46039.9	[2.500]	mg/L	10:50:22
3	Cd 228.802	21434.2	21436.8	[2.500]	mg/L	10:50:28
3	Cd 214.440	32096.7	31845.9	[2.500]	mg/L	10:50:28
3	Co 228.616	12906.4	13023.6	[2.500]	mg/L	10:50:28
3	Cr 205.560	14802.9	14835.8	[2.500]	mg/L	10:50:28
3	Cr 267.716	57978.5	57806.1	[2.500]	mg/L	10:50:22
3	Cu 327.393	421841.6	434257.8	[2.500]	mg/L	10:50:22
3	Cu 324.752	837640.8	822957.2	[2.500]	mg/L	10:50:22
3	Fe 273.955	7889.8	7886.1	[2.500]	mg/L	10:50:28
3	Fe 259.939	71925.0	71892.6	[2.500]	mg/L	10:50:22
3	Fe 238.204	39972.7	39820.9	[2.500]	mg/L	10:50:22
3	K 766.490	1282504.5	1281874.5	[25.000]	mg/L	10:50:19
3	K 404.721	-14160.7	-702.6	[25.000]	mg/L	10:50:22
3	Li 670.784	Saturated2	Saturated2			10:50:28
Saturated in preshot (code 2)						
3	Mg 285.213	613988.5	613200.9	[2.500]	mg/L	10:50:22
3	Mn 257.610	239733.8	239783.5	[2.500]	mg/L	10:50:22
3	Mo 202.031	8813.8	8792.9	[2.500]	mg/L	10:50:28
3	Na 589.592	4482.5	5123.0	[2.500]	mg/L	10:50:22
3	Na 330.237	3162.4	3992.0	[2.500]	mg/L	10:50:28
3	Ni 231.604	17867.9	17766.2	[2.500]	mg/L	10:50:28
3	Pb 220.353	4783.7	4761.6	[2.500]	mg/L	10:50:28
3	Pb 217.000	2121.7	2117.4	[2.500]	mg/L	10:50:28
3	Sb 206.836	3887.0	3860.0	[2.500]	mg/L	10:50:28
3	Se 196.026	1805.9	1793.0	[2.500]	mg/L	10:50:28
3	Se 203.985	2422.9	2477.4	[2.500]	mg/L	10:50:28
3	Si 251.611	25806.6	25211.1	[1.250]	mg/L	10:50:28
3	Ti 334.940	400300.8	401331.3	[2.500]	mg/L	10:50:22
3	Tl 276.787	3756.4	3639.3	[2.500]	mg/L	10:50:28
3	Tl 190.801	677.0	700.3	[2.500]	mg/L	10:50:28
3	V 290.880	62335.8	52207.4	[2.500]	mg/L	10:50:22
3	V 292.402	107778.9	107643.0	[2.500]	mg/L	10:50:22
3	Zn 206.200	12959.5	12953.5	[2.500]	mg/L	10:50:28
3	Zn 213.857	77755.2	77467.6	[2.500]	mg/L	10:50:22

Mean Data: 4

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	293858.0	3508.00	1.19%	[2.500]	mg/L
Ag 338.289	103163.3	1262.55	1.22%	[2.500]	mg/L
Al 308.215	32339.6	849.07	2.63%	[2.500]	mg/L
Al 396.153	3701.0	187.28	5.06%	[2.500]	mg/L
As 188.979	1346.8	8.90	0.66%	[2.500]	mg/L
As 193.696	1821.7	26.39	1.45%	[2.500]	mg/L
B 182.528	873.8	11.00	1.26%	[2.500]	mg/L
B 249.677	52477.9	880.79	1.68%	[2.500]	mg/L
Ba 233.527	26497.4	177.64	0.67%	[2.500]	mg/L
Be 313.107	3636894.9	45339.88	1.25%	[2.500]	mg/L

Be 234.861	704079.4	8410.38	1.19%	[2.500]	mg/L
Ca 317.933	45308.7	645.01	1.42%	[2.500]	mg/L
Cd 228.802	21206.6	207.59	0.98%	[2.500]	mg/L
Cd 214.440	31605.5	226.98	0.72%	[2.500]	mg/L
Co 228.616	12909.8	104.44	0.81%	[2.500]	mg/L
Cr 205.560	14706.3	129.27	0.88%	[2.500]	mg/L
Cr 267.716	56996.3	701.66	1.23%	[2.500]	mg/L
Cu 327.393	427998.2	6326.71	1.48%	[2.500]	mg/L
Cu 324.752	810617.0	12456.28	1.54%	[2.500]	mg/L
Fe 273.955	7780.4	99.38	1.28%	[2.500]	mg/L
Fe 259.939	70713.2	1103.77	1.56%	[2.500]	mg/L
Fe 238.204	39140.9	639.03	1.63%	[2.500]	mg/L
K 766.490	1299661.2	17663.98	1.36%	[25.000]	mg/L
K 404.721	-722.7	32.68	4.52%	[25.000]	mg/L

The standards were not analyzed in the same order as the entered (actual) concentrations.

Li 670.784	Saturated2				

Saturated in preshot (code 2)

Mg 285.213	603600.8	9133.28	1.51%	[2.500]	mg/L
Mn 257.610	236102.2	3331.22	1.41%	[2.500]	mg/L
Mo 202.031	8695.6	92.15	1.06%	[2.500]	mg/L
Na 589.592	4896.4	202.64	4.14%	[2.500]	mg/L
Na 330.237	3951.1	39.68	1.00%	[2.500]	mg/L
Ni 231.604	17567.5	178.82	1.02%	[2.500]	mg/L
Pb 220.353	4688.5	70.69	1.51%	[2.500]	mg/L
Pb 217.000	2077.7	34.39	1.66%	[2.500]	mg/L
Sb 206.836	3803.8	48.80	1.28%	[2.500]	mg/L
Se 196.026	1755.8	32.96	1.88%	[2.500]	mg/L
Se 203.985	2472.3	10.94	0.44%	[2.500]	mg/L
Si 251.611	24828.8	333.39	1.34%	[1.250]	mg/L
Ti 334.940	394947.8	6058.21	1.53%	[2.500]	mg/L
Tl 276.787	3590.1	43.87	1.22%	[2.500]	mg/L
Tl 190.801	687.0	14.95	2.18%	[2.500]	mg/L
V 290.880	51184.6	925.50	1.81%	[2.500]	mg/L
V 292.402	106292.1	1235.31	1.16%	[2.500]	mg/L
Zn 206.200	12877.2	78.89	0.61%	[2.500]	mg/L
Zn 213.857	76426.9	920.13	1.20%	[2.500]	mg/L

Sequence No.: 6
Sample ID: 5
Analyst:
Nebulizer Back Pressure: 341.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 7/16/02 10:51:07 AM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: 5

Repl#	Analyte	Net Intensity	Corrected Intensity	Conc.	Calib. Units	Analysis Time
1	Ca 317.933	188494.3	188578.6	[10.000]	mg/L	10:52:46
1	Mg 285.213	2224868.6	2224081.0	[10.000]	mg/L	10:52:46
2	Ca 317.933	187989.4	188073.7	[10.000]	mg/L	10:52:48
2	Mg 285.213	2234514.3	2233726.7	[10.000]	mg/L	10:52:48
3	Ca 317.933	189713.1	189797.4	[10.000]	mg/L	10:52:49
3	Mg 285.213	2248427.0	2247639.5	[10.000]	mg/L	10:52:49

Mean Data: 5

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ca 317.933	188816.6	886.15	0.47%	[10.000]	mg/L
Mg 285.213	2235149.0	11843.46	0.53%	[10.000]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	4	Lin, Calc Int	-824.8	117600	0.00000	0.999968	
Ag 338.289	4	Lin, Calc Int	-306.9	41300	0.00000	0.999968	
Al 308.215	4	Lin, Calc Int	1672.1	12360	0.00000	0.996403	
Al 396.153	4	Lin, Calc Int	-65.5	1489	0.00000	0.999097	
As 188.979	4	Lin, Calc Int	-1.2	539.4	0.00000	0.999996	
As 193.696	4	Lin, Calc Int	-7.9	730.8	0.00000	0.999965	

B 182.528	4	Lin, Calc Int	2.4	349.7	0.00000	0.999913
B 249.677	4	Lin, Calc Int	1.7	20990	0.00000	1.000000
Ba 233.527	4	Lin, Calc Int	40.4	10590	0.00000	0.999994
Be 313.107	4	Lin, Calc Int	23224.9	1452000	0.00000	0.999882
Be 234.861	4	Lin, Calc Int	3257.3	280900	0.00000	0.999942
Ca 317.933	5	Lin, Calc Int	-234.8	18860	0.00000	0.999892
Cd 228.802	4	Lin, Calc Int	1.5	8482	0.00000	0.999998
Cd 214.440	4	Lin, Calc Int	93.0	12620	0.00000	0.999978
Co 228.616	4	Lin, Calc Int	-37.3	5170	0.00000	0.999980
Cr 205.560	4	Lin, Calc Int	4.1	5883	0.00000	0.999998
Cr 267.716	4	Lin, Calc Int	-20.1	22800	0.00000	0.999998
Cu 327.393	4	Lin, Calc Int	-1973.7	171400	0.00000	0.999927
Cu 324.752	4	Lin, Calc Int	-3225.4	324100	0.00000	0.999872
Fe 273.955	4	Lin, Calc Int	66.1	3070	0.00000	0.999404
Fe 259.939	4	Lin, Calc Int	655.2	27910	0.00000	0.999468
Fe 238.204	4	Lin, Calc Int	385.2	15450	0.00000	0.999477
K 766.490	4	Lin, Calc Int	-14894.8	51410	0.00000	0.996394
K 404.721	4	Lin, Calc Int	0.0	0.0000	0.00000	-0.813528
Li 670.784	3	Lin, Calc Int	-29264.0	1252000	0.00000	0.997784
Mg 285.213	5	Lin, Calc Int	9704.8	223300	0.00000	0.999791
Mn 257.610	4	Lin, Calc Int	101.0	94340	0.00000	0.999995
Mo 202.031	4	Lin, Calc Int	-4.0	3477	0.00000	0.999993
Na 589.592	4	Lin, Calc Int	-79.1	2010	0.00000	0.996715
Na 330.237	4	Lin, Calc Int	80.8	1549	0.00000	0.999363
Ni 231.604	4	Lin, Calc Int	-21.5	7026	0.00000	0.999987
Pb 220.353	4	Lin, Calc Int	-38.0	1880	0.00000	0.999802
Pb 217.000	4	Lin, Calc Int	-14.8	832.0	0.00000	0.999766
Sb 206.836	4	Lin, Calc Int	-13.3	1527	0.00000	0.999971
Se 196.026	4	Lin, Calc Int	3.1	702.0	0.00000	0.999975
Se 203.985	4	Lin, Calc Int	-9.1	993.0	0.00000	0.999960
Si 251.611	4	Lin, Calc Int	259.2	19790	0.00000	0.999699
Ti 334.940	4	Lin, Calc Int	-746.9	157900	0.00000	0.999951
Tl 276.787	4	Lin, Calc Int	-33.4	1438	0.00000	0.999625
Tl 190.801	4	Lin, Calc Int	-10.8	276.4	0.00000	0.999334
V 290.880	4	Lin, Calc Int	578.6	20300	0.00000	0.999841
V 292.402	4	Lin, Calc Int	25.3	42520	0.00000	0.999999
Zn 206.200	3	Lin, Calc Int	248.8	5086	0.00000	0.999255
Zn 213.857	3	Lin, Calc Int	1427.8	30200	0.00000	0.999300

Sequence No.: 7
Sample ID: icv/ccv
Analyst:
Nebulizer Back Pressure: 342.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 7/16/02 10:53:28 AM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: icv/ccv

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	Ag 328.068	108502.1	108685.0	0.931	mg/L	0.931	mg/L	10:55:12
1	Ag 338.289	38137.9	38166.8	0.932	mg/L	0.932	mg/L	10:55:12
1	Al 308.215	49340.3	13161.3	0.930	mg/L	0.930	mg/L	10:55:12
1	Al 396.153	1398.9	1263.7	0.893	mg/L	0.893	mg/L	10:55:12
1	As 188.979	502.7	490.6	0.912	mg/L	0.912	mg/L	10:55:17
1	As 193.696	665.4	688.5	0.953	mg/L	0.953	mg/L	10:55:17
1	B 182.528	358.7	352.4	1.00	mg/L	1.00	mg/L	10:55:17
1	B 249.677	20887.2	20054.5	0.955	mg/L	0.955	mg/L	10:55:12
1	Ba 233.527	9940.6	10010.4	0.942	mg/L	0.942	mg/L	10:55:17
1	Be 313.107	1578556.8	1431980.9	0.970	mg/L	0.970	mg/L	10:55:11
1	Be 234.861	269905.4	270208.6	0.950	mg/L	0.950	mg/L	10:55:12
1	Ca 317.933	16964.8	17049.1	0.916	mg/L	0.916	mg/L	10:55:12
1	Cd 228.802	7939.8	7942.5	0.936	mg/L	0.936	mg/L	10:55:17
1	Cd 214.440	12310.8	12060.0	0.948	mg/L	0.948	mg/L	10:55:17
1	Co 228.616	4658.9	4776.1	0.931	mg/L	0.931	mg/L	10:55:17
1	Cr 205.560	5519.1	5552.0	0.943	mg/L	0.943	mg/L	10:55:17
1	Cr 267.716	21475.9	21303.5	0.935	mg/L	0.935	mg/L	10:55:12
1	Cu 327.393	142308.1	154724.3	0.914	mg/L	0.914	mg/L	10:55:12
1	Cu 324.752	307844.8	293161.2	0.915	mg/L	0.915	mg/L	10:55:12
1	Fe 273.955	2876.9	2873.3	0.914	mg/L	0.914	mg/L	10:55:17
1	Fe 259.939	26540.7	26508.3	0.926	mg/L	0.926	mg/L	10:55:12
1	Fe 238.204	14667.0	14515.2	0.915	mg/L	0.915	mg/L	10:55:12

1	K 766.490	412938.7	412308.7	8.31 mg/L	8.31 mg/L	10:55:11
1	K 404.721	-13251.4	206.7	0.000 mg/L	0.000 mg/L	10:55:12
1	Li 670.784	1133950.2	1134456.6	0.930 mg/L	0.930 mg/L	10:55:09
1	Mg 285.213	215214.0	214426.4	0.917 mg/L	0.917 mg/L	10:55:1
1	Mn 257.610	88665.5	88715.2	0.939 mg/L	0.939 mg/L	10:55:12
1	Mo 202.031	3282.9	3262.0	0.939 mg/L	0.939 mg/L	10:55:17
1	Na 589.592	1285.6	1926.2	0.998 mg/L	0.998 mg/L	10:55:11
1	Na 330.237	623.3	1452.9	0.886 mg/L	0.886 mg/L	10:55:17
1	Ni 231.604	6586.0	6484.2	0.926 mg/L	0.926 mg/L	10:55:17
1	Pb 220.353	1690.8	1668.6	0.908 mg/L	0.908 mg/L	10:55:17
1	Pb 217.000	749.5	745.1	0.913 mg/L	0.913 mg/L	10:55:17
1	Sb 206.836	1458.1	1431.1	0.946 mg/L	0.946 mg/L	10:55:17
1	Se 196.026	673.9	661.0	0.937 mg/L	0.937 mg/L	10:55:17
1	Se 203.985	893.7	948.2	0.964 mg/L	0.964 mg/L	10:55:17
1	Si 251.611	10337.3	9741.8	0.479 mg/L	0.479 mg/L	10:55:12
1	Ti 334.940	143130.9	144161.4	0.918 mg/L	0.918 mg/L	10:55:12
1	Tl 276.787	1409.6	1292.5	0.922 mg/L	0.922 mg/L	10:55:17
1	Tl 190.801	211.0	234.2	0.887 mg/L	0.887 mg/L	10:55:17
1	V 290.880	29650.1	19521.6	0.933 mg/L	0.933 mg/L	10:55:12
1	V 292.402	39999.6	39863.8	0.937 mg/L	0.937 mg/L	10:55:12
1	Zn 206.200	5127.6	5121.6	0.958 mg/L	0.958 mg/L	10:55:17
1	Zn 213.857	30622.9	30335.4	0.957 mg/L	0.957 mg/L	10:55:12
2	Ag 328.068	109690.1	109873.1	0.941 mg/L	0.941 mg/L	10:55:21
2	Ag 338.289	38604.9	38633.8	0.943 mg/L	0.943 mg/L	10:55:21
2	Al 308.215	49540.4	13361.4	0.946 mg/L	0.946 mg/L	10:55:21
2	Al 396.153	1363.6	1228.3	0.869 mg/L	0.869 mg/L	10:55:21
2	As 188.979	539.2	527.1	0.979 mg/L	0.979 mg/L	10:55:27
2	As 193.696	678.0	701.1	0.970 mg/L	0.970 mg/L	10:55:27
2	B 182.528	365.4	359.2	1.02 mg/L	1.02 mg/L	10:55:27
2	B 249.677	21354.4	20521.7	0.978 mg/L	0.978 mg/L	10:55:21
2	Ba 233.527	10166.6	10236.5	0.963 mg/L	0.963 mg/L	10:55:27
2	Be 313.107	1589940.9	1443365.0	0.978 mg/L	0.978 mg/L	10:55:20
2	Be 234.861	273506.3	273809.5	0.963 mg/L	0.963 mg/L	10:55:21
2	Ca 317.933	17184.6	17268.9	0.928 mg/L	0.928 mg/L	10:55:21
2	Cd 228.802	8078.3	8081.0	0.953 mg/L	0.953 mg/L	10:55:27
2	Cd 214.440	12593.5	12342.8	0.971 mg/L	0.971 mg/L	10:55:27
2	Co 228.616	4745.5	4862.7	0.948 mg/L	0.948 mg/L	10:55:2
2	Cr 205.560	5643.2	5676.1	0.964 mg/L	0.964 mg/L	10:55:27
2	Cr 267.716	21767.2	21594.7	0.948 mg/L	0.948 mg/L	10:55:21
2	Cu 327.393	144891.0	157307.2	0.929 mg/L	0.929 mg/L	10:55:21
2	Cu 324.752	312171.8	297488.2	0.928 mg/L	0.928 mg/L	10:55:21
2	Fe 273.955	2918.7	2915.1	0.928 mg/L	0.928 mg/L	10:55:27
2	Fe 259.939	26803.3	26770.9	0.936 mg/L	0.936 mg/L	10:55:21
2	Fe 238.204	14937.5	14785.7	0.932 mg/L	0.932 mg/L	10:55:21
2	K 766.490	422875.6	422245.6	8.50 mg/L	8.50 mg/L	10:55:20
2	K 404.721	-13318.4	139.7	0.000 mg/L	0.000 mg/L	10:55:21
2	Li 670.784	1182449.4	1182955.9	0.968 mg/L	0.968 mg/L	10:55:19
2	Mg 285.213	217504.9	216717.3	0.927 mg/L	0.927 mg/L	10:55:21
2	Mn 257.610	89772.0	89821.6	0.951 mg/L	0.951 mg/L	10:55:21
2	Mo 202.031	3345.7	3324.8	0.957 mg/L	0.957 mg/L	10:55:27
2	Na 589.592	1652.0	2292.6	1.18 mg/L	1.18 mg/L	10:55:20
2	Na 330.237	726.2	1555.9	0.952 mg/L	0.952 mg/L	10:55:27
2	Ni 231.604	6706.4	6604.6	0.943 mg/L	0.943 mg/L	10:55:27
2	Pb 220.353	1747.6	1725.5	0.938 mg/L	0.938 mg/L	10:55:27
2	Pb 217.000	745.0	740.6	0.908 mg/L	0.908 mg/L	10:55:27
2	Sb 206.836	1459.6	1432.6	0.947 mg/L	0.947 mg/L	10:55:27
2	Se 196.026	706.2	693.4	0.983 mg/L	0.983 mg/L	10:55:27
2	Se 203.985	878.2	932.7	0.948 mg/L	0.948 mg/L	10:55:27
2	Si 251.611	10426.0	9830.5	0.484 mg/L	0.484 mg/L	10:55:21
2	Ti 334.940	144734.4	145764.8	0.928 mg/L	0.928 mg/L	10:55:21
2	Tl 276.787	1414.6	1297.4	0.925 mg/L	0.925 mg/L	10:55:27
2	Tl 190.801	223.0	246.2	0.930 mg/L	0.930 mg/L	10:55:27
2	V 290.880	29814.9	19686.4	0.941 mg/L	0.941 mg/L	10:55:21
2	V 292.402	40378.8	40242.9	0.946 mg/L	0.946 mg/L	10:55:21
2	Zn 206.200	5220.2	5214.2	0.976 mg/L	0.976 mg/L	10:55:27
2	Zn 213.857	31036.0	30748.5	0.971 mg/L	0.971 mg/L	10:55:21
3	Ag 328.068	111363.9	111546.9	0.955 mg/L	0.955 mg/L	10:55:31
3	Ag 338.289	39293.6	39322.6	0.960 mg/L	0.960 mg/L	10:55:31
3	Al 308.215	50447.6	14268.6	1.02 mg/L	1.02 mg/L	10:55:3
3	Al 396.153	1446.2	1310.9	0.924 mg/L	0.924 mg/L	10:55:3
3	As 188.979	527.4	515.3	0.957 mg/L	0.957 mg/L	10:55:36
3	As 193.696	682.4	705.6	0.976 mg/L	0.976 mg/L	10:55:36
3	B 182.528	363.0	356.8	1.01 mg/L	1.01 mg/L	10:55:36

3	B 249.677	21909.0	21076.3	1.00 mg/L	1.00 mg/L	10:55:31
3	Ba 233.527	10228.5	10298.4	0.969 mg/L	0.969 mg/L	10:55:36
3	Be 313.107	1618445.9	1471870.0	0.998 mg/L	0.998 mg/L	10:55:29
3	Be 234.861	278950.0	279253.2	0.982 mg/L	0.982 mg/L	10:55:31
3	Ca 317.933	17209.0	17293.3	0.929 mg/L	0.929 mg/L	10:55:31
3	Cd 228.802	8134.6	8137.3	0.959 mg/L	0.959 mg/L	10:55:36
3	Cd 214.440	12572.5	12321.8	0.969 mg/L	0.969 mg/L	10:55:36
3	Co 228.616	4779.8	4897.0	0.954 mg/L	0.954 mg/L	10:55:36
3	Cr 205.560	5653.3	5686.2	0.966 mg/L	0.966 mg/L	10:55:36
3	Cr 267.716	21946.4	21773.9	0.956 mg/L	0.956 mg/L	10:55:31
3	Cu 327.393	148547.0	160963.2	0.951 mg/L	0.951 mg/L	10:55:31
3	Cu 324.752	320353.5	305669.8	0.953 mg/L	0.953 mg/L	10:55:31
3	Fe 273.955	2949.1	2945.5	0.938 mg/L	0.938 mg/L	10:55:36
3	Fe 259.939	27315.1	27282.7	0.954 mg/L	0.954 mg/L	10:55:31
3	Fe 238.204	15239.1	15087.3	0.952 mg/L	0.952 mg/L	10:55:31
3	K 766.490	424999.0	424369.0	8.54 mg/L	8.54 mg/L	10:55:29
3	K 404.721	-13186.1	272.1	0.000 mg/L	0.000 mg/L	10:55:31
3	Li 670.784	1170076.1	1170582.6	0.958 mg/L	0.958 mg/L	10:55:28
3	Mg 285.213	222741.9	221954.3	0.950 mg/L	0.950 mg/L	10:55:31
3	Mn 257.610	91543.4	91593.1	0.970 mg/L	0.970 mg/L	10:55:31
3	Mo 202.031	3345.5	3324.6	0.957 mg/L	0.957 mg/L	10:55:36
3	Na 589.592	1602.0	2242.6	1.16 mg/L	1.16 mg/L	10:55:29
3	Na 330.237	696.6	1526.2	0.933 mg/L	0.933 mg/L	10:55:36
3	Ni 231.604	6763.5	6661.8	0.951 mg/L	0.951 mg/L	10:55:36
3	Pb 220.353	1759.0	1736.8	0.944 mg/L	0.944 mg/L	10:55:36
3	Pb 217.000	751.7	747.3	0.916 mg/L	0.916 mg/L	10:55:36
3	Sb 206.836	1487.8	1460.8	0.966 mg/L	0.966 mg/L	10:55:36
3	Se 196.026	691.2	678.4	0.962 mg/L	0.962 mg/L	10:55:36
3	Se 203.985	909.4	963.8	0.980 mg/L	0.980 mg/L	10:55:36
3	Si 251.611	10770.2	10174.7	0.501 mg/L	0.501 mg/L	10:55:31
3	Ti 334.940	147901.2	148931.7	0.948 mg/L	0.948 mg/L	10:55:31
3	Tl 276.787	1425.5	1308.4	0.933 mg/L	0.933 mg/L	10:55:36
3	Tl 190.801	226.8	250.0	0.944 mg/L	0.944 mg/L	10:55:36
3	V 290.880	30685.6	20557.2	0.984 mg/L	0.984 mg/L	10:55:31
3	V 292.402	41241.2	41105.3	0.966 mg/L	0.966 mg/L	10:55:31
3	Zn 206.200	5256.7	5250.7	0.983 mg/L	0.983 mg/L	10:55:36
3	Zn 213.857	31510.9	31223.4	0.987 mg/L	0.987 mg/L	10:55:31

Mean Data: icv/ccv

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Ag 328.068	110035.0	0.943 mg/L	0.0122	0.943 mg/L	0.0122	1.30%
QC value within limits for Ag 328.068 Recovery = 94.26%						
Ag 338.289	38707.8	0.945 mg/L	0.0141	0.945 mg/L	0.0141	1.49%
QC value within limits for Ag 338.289 Recovery = 94.48%						
Al 308.215	13597.1	0.965 mg/L	0.0478	0.965 mg/L	0.0478	4.95%
QC value within limits for Al 308.215 Recovery = 96.52%						
Al 396.153	1267.6	0.895 mg/L	0.0278	0.895 mg/L	0.0278	3.11%
QC value less than the lower limit for Al 396.153 Recovery = 89.52%						
As 188.979	511.0	0.950 mg/L	0.0345	0.950 mg/L	0.0345	3.64%
QC value within limits for As 188.979 Recovery = 94.95%						
As 193.696	698.4	0.966 mg/L	0.0121	0.966 mg/L	0.0121	1.25%
QC value within limits for As 193.696 Recovery = 96.65%						
B 182.528	356.1	1.01 mg/L	0.010	1.01 mg/L	0.010	0.97%
QC value within limits for B 182.528 Recovery = 101.14%						
B 249.677	20550.9	0.979 mg/L	0.0244	0.979 mg/L	0.0244	2.49%
QC value within limits for B 249.677 Recovery = 97.91%						
Ba 233.527	10181.8	0.958 mg/L	0.0143	0.958 mg/L	0.0143	1.49%
QC value within limits for Ba 233.527 Recovery = 95.79%						
Be 313.107	1449072.0	0.982 mg/L	0.0142	0.982 mg/L	0.0142	1.44%
QC value within limits for Be 313.107 Recovery = 98.22%						
Be 234.861	274423.8	0.965 mg/L	0.0162	0.965 mg/L	0.0162	1.68%
QC value within limits for Be 234.861 Recovery = 96.52%						
Ca 317.933	17203.7	0.925 mg/L	0.0071	0.925 mg/L	0.0071	0.77%
QC value within limits for Ca 317.933 Recovery = 92.46%						
Cd 228.802	8053.6	0.949 mg/L	0.0118	0.949 mg/L	0.0118	1.24%
QC value within limits for Cd 228.802 Recovery = 94.93%						
Cd 214.440	12241.5	0.963 mg/L	0.0125	0.963 mg/L	0.0125	1.30%
QC value within limits for Cd 214.440 Recovery = 96.27%						
Co 228.616	4845.2	0.944 mg/L	0.0121	0.944 mg/L	0.0121	1.28%
QC value within limits for Co 228.616 Recovery = 94.44%						
Cr 205.560	5638.1	0.958 mg/L	0.0127	0.958 mg/L	0.0127	1.33%

```
   QC value within limits for Cr 205.560  Recovery = 95.76%
Cr 267.716            21557.4       0.946 mg/L        0.0104       0.946 mg/L        0.0104   1.10%
   QC value within limits for Cr 267.716  Recovery = 94.64%
Cu 327.393           157664.9       0.931 mg/L        0.0183       0.931 mg/L        0.0183   1.96
   QC value within limits for Cu 327.393  Recovery = 93.13%
Cu 324.752           298773.0       0.932 mg/L        0.0196       0.932 mg/L        0.0196   2.10%
   QC value within limits for Cu 324.752  Recovery = 93.18%
Fe 273.955             2911.3       0.927 mg/L        0.0118       0.927 mg/L        0.0118   1.27%
   QC value within limits for Fe 273.955  Recovery = 92.67%
Fe 259.939            26854.0       0.939 mg/L        0.0141       0.939 mg/L        0.0141   1.50%
   QC value within limits for Fe 259.939  Recovery = 93.86%
Fe 238.204            14796.1       0.933 mg/L        0.0185       0.933 mg/L        0.0185   1.99%
   QC value within limits for Fe 238.204  Recovery = 93.28%
K 766.490            419641.1        8.45 mg/L         0.125        8.45 mg/L         0.125   1.48%
   QC value less than the lower limit for K 766.490  Recovery = 84.53%
K 404.721                206.2       0.000 mg/L        0.0000       0.000 mg/L        0.0000   0.00%
   QC value less than the lower limit for K 404.721  Recovery = 0.00%
Li 670.784           1162665.0       0.952 mg/L        0.0201       0.952 mg/L        0.0201   2.11%
   QC value within limits for Li 670.784  Recovery = 95.21%
Mg 285.213           217699.4       0.931 mg/L        0.0173       0.931 mg/L        0.0173   1.86%
   QC value within limits for Mg 285.213  Recovery = 93.14%
Mn 257.610            90043.3       0.953 mg/L        0.0154       0.953 mg/L        0.0154   1.61%
   QC value within limits for Mn 257.610  Recovery = 95.34%
Mo 202.031             3303.8       0.951 mg/L        0.0104       0.951 mg/L        0.0104   1.09%
   QC value within limits for Mo 202.031  Recovery = 95.14%
Na 589.592             2153.8        1.11 mg/L         0.099        1.11 mg/L         0.099   8.90%
   QC value greater than the upper limit for Na 589.592  Recovery = 111.09%
Na 330.237             1511.7       0.924 mg/L        0.0342       0.924 mg/L        0.0342   3.70%
   QC value within limits for Na 330.237  Recovery = 92.37%
Ni 231.604             6583.5       0.940 mg/L        0.0129       0.940 mg/L        0.0129   1.37%
   QC value within limits for Ni 231.604  Recovery = 94.01%
Pb 220.353             1710.3       0.930 mg/L        0.0194       0.930 mg/L        0.0194   2.09%
   QC value within limits for Pb 220.353  Recovery = 92.98%
Pb 217.000              744.3       0.912 mg/L        0.0041       0.912 mg/L        0.0041   0.45%
   QC value within limits for Pb 217.000  Recovery = 91.24%
Sb 206.836             1441.5       0.953 mg/L        0.0109       0.953 mg/L        0.0109   1.15%
   QC value within limits for Sb 206.836  Recovery = 95.29%
Se 196.026              677.6       0.961 mg/L        0.0231       0.961 mg/L        0.0231   2.40%
   QC value within limits for Se 196.026  Recovery = 96.07%
Se 203.985              948.2       0.964 mg/L        0.0157       0.964 mg/L        0.0157   1.63%
   QC value within limits for Se 203.985  Recovery = 96.40%
Si 251.611             9915.7       0.488 mg/L        0.0116       0.488 mg/L        0.0116   2.37%
   QC value within limits for Si 251.611  Recovery = 97.60%
Ti 334.940           146286.0       0.931 mg/L        0.0154       0.931 mg/L        0.0154   1.65%
   QC value within limits for Ti 334.940  Recovery = 93.14%
Tl 276.787             1299.4       0.927 mg/L        0.0057       0.927 mg/L        0.0057   0.61%
   QC value within limits for Tl 276.787  Recovery = 92.66%
Tl 190.801              243.5       0.920 mg/L        0.0298       0.920 mg/L        0.0298   3.24%
   QC value within limits for Tl 190.801  Recovery = 92.01%
V 290.880             19921.8       0.953 mg/L        0.0274       0.953 mg/L        0.0274   2.88%
   QC value within limits for V 290.880  Recovery = 95.29%
V 292.402             40404.0       0.950 mg/L        0.0150       0.950 mg/L        0.0150   1.58%
   QC value within limits for V 292.402  Recovery = 94.97%
Zn 206.200             5195.5       0.973 mg/L        0.0131       0.973 mg/L        0.0131   1.35%
   QC value within limits for Zn 206.200  Recovery = 97.25%
Zn 213.857            30769.1       0.972 mg/L        0.0147       0.972 mg/L        0.0147   1.51%
   QC value within limits for Zn 213.857  Recovery = 97.17%
QC Failed.  Continue with analysis.
```

==========

Sequence No.: 8 | **Autosampler Location: 9**
Sample ID: int. chk. 1 | **Date Collected: 7/16/02 10:56:16 AM**
Analyst:
Nebulizer Back Pressure: 342.0 kPa | **Nebulizer Flow: 0.85 L/min**
Sample Wt: | **Sample Prep Volume:**
Dilution: | **Data Type: Original**

Replicate Data: int. chk. 1

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	Ag 328.068	134.9	317.9	0.010	mg/L	0.010	mg/L	10:57:58
1	Ag 338.289	-221.7	-192.8	0.003	mg/L	0.003	mg/L	10:57:58

1	Al 308.215	39341.0	3162.0	0.121 mg/L	0.121 mg/L	10:57:53
1	Al 396.153	129.4	-5.8	0.040 mg/L	0.040 mg/L	10:57:53
1	As 188.979	-4.8	-17.0	-0.029 mg/L	-0.029 mg/L	10:57:58
1	As 193.696	-26.7	-3.6	0.006 mg/L	0.006 mg/L	10:57:58
1	B 182.528	193.8	187.5	0.529 mg/L	0.529 mg/L	10:57:58
1	B 249.677	11782.4	10949.7	0.522 mg/L	0.522 mg/L	10:57:53
1	Ba 233.527	-63.7	6.2	-0.003 mg/L	-0.003 mg/L	10:57:58
1	Be 313.107	156225.1	9649.2	-0.009 mg/L	-0.009 mg/L	10:57:53
1	Be 234.861	56.0	359.2	-0.010 mg/L	-0.010 mg/L	10:57:58
1	Ca 317.933	114.6	198.9	0.023 mg/L	0.023 mg/L	10:57:53
1	Cd 228.802	2.9	5.5	0.000 mg/L	0.000 mg/L	10:57:58
1	Cd 214.440	299.2	48.5	-0.004 mg/L	-0.004 mg/L	10:57:58
1	Co 228.616	-120.2	-3.0	0.007 mg/L	0.007 mg/L	10:57:58
1	Cr 205.560	-21.3	11.6	0.001 mg/L	0.001 mg/L	10:57:58
1	Cr 267.716	205.8	33.3	0.002 mg/L	0.002 mg/L	10:57:58
1	Cu 327.393	-12939.9	-523.7	0.008 mg/L	0.008 mg/L	10:57:53
1	Cu 324.752	16268.9	1585.2	0.015 mg/L	0.015 mg/L	10:57:53
1	Fe 273.955	51.0	47.3	-0.006 mg/L	-0.006 mg/L	10:57:58
1	Fe 259.939	544.4	512.0	-0.005 mg/L	-0.005 mg/L	10:57:58
1	Fe 238.204	428.5	276.7	-0.007 mg/L	-0.007 mg/L	10:57:58
1	K 766.490	1748.5	1118.5	0.311 mg/L	0.311 mg/L	10:57:53
1	K 404.721	-13028.8	429.3	0.000 mg/L	0.000 mg/L	10:57:53
1	Li 670.784	1342.7	1849.1	0.025 mg/L	0.025 mg/L	10:57:53
1	Mg 285.213	1371.3	583.7	-0.041 mg/L	-0.041 mg/L	10:57:53
1	Mn 257.610	114.3	164.0	0.001 mg/L	0.001 mg/L	10:57:58
1	Mo 202.031	1069.1	1048.3	0.303 mg/L	0.303 mg/L	10:57:58
1	Na 589.592	-554.8	85.7	0.082 mg/L	0.082 mg/L	10:57:53
1	Na 330.237	-936.8	-107.2	-0.121 mg/L	-0.121 mg/L	10:57:58
1	Ni 231.604	141.9	40.1	0.009 mg/L	0.009 mg/L	10:57:58
1	Pb 220.353	37.0	14.8	0.028 mg/L	0.028 mg/L	10:57:58
1	Pb 217.000	26.1	21.7	0.044 mg/L	0.044 mg/L	10:57:58
1	Sb 206.836	85.3	58.3	0.047 mg/L	0.047 mg/L	10:57:58
1	Se 196.026	9.6	-3.2	-0.009 mg/L	-0.009 mg/L	10:57:58
1	Se 203.985	-66.0	-11.5	-0.002 mg/L	-0.002 mg/L	10:57:58
1	Si 251.611	5268.8	4673.3	0.223 mg/L	0.223 mg/L	10:57:58
1	Ti 334.940	144810.8	145841.3	0.929 mg/L	0.929 mg/L	10:57:53
1	Tl 276.787	98.7	-18.4	0.010 mg/L	0.010 mg/L	10:57:58
1	Tl 190.801	-25.6	-2.4	0.031 mg/L	0.031 mg/L	10:57:58
1	V 290.880	11221.8	1093.3	0.025 mg/L	0.025 mg/L	10:57:53
1	V 292.402	211.4	75.5	0.001 mg/L	0.001 mg/L	10:57:58
1	Zn 206.200	23.5	17.5	-0.045 mg/L	-0.045 mg/L	10:57:58
1	Zn 213.857	422.4	134.9	-0.043 mg/L	-0.043 mg/L	10:57:58
2	Ag 328.068	126.4	309.4	0.010 mg/L	0.010 mg/L	10:58:05
2	Ag 338.289	-250.3	-221.4	0.002 mg/L	0.002 mg/L	10:58:05
2	Al 308.215	39040.2	2861.2	0.096 mg/L	0.096 mg/L	10:57:59
2	Al 396.153	66.7	-68.6	-0.002 mg/L	-0.002 mg/L	10:57:59
2	As 188.979	-5.1	-17.2	-0.030 mg/L	-0.030 mg/L	10:58:05
2	As 193.696	-31.2	-8.1	0.000 mg/L	0.000 mg/L	10:58:05
2	B 182.528	178.4	172.2	0.485 mg/L	0.485 mg/L	10:58:05
2	B 249.677	11543.3	10710.6	0.510 mg/L	0.510 mg/L	10:57:59
2	Ba 233.527	-51.2	18.6	-0.002 mg/L	-0.002 mg/L	10:58:05
2	Be 313.107	155370.5	8794.6	-0.010 mg/L	-0.010 mg/L	10:57:59
2	Be 234.861	25.3	328.5	-0.010 mg/L	-0.010 mg/L	10:58:05
2	Ca 317.933	86.9	171.2	0.022 mg/L	0.022 mg/L	10:57:59
2	Cd 228.802	12.2	14.8	0.002 mg/L	0.002 mg/L	10:58:05
2	Cd 214.440	295.0	44.3	-0.004 mg/L	-0.004 mg/L	10:58:05
2	Co 228.616	-119.4	-2.2	0.007 mg/L	0.007 mg/L	10:58:05
2	Cr 205.560	-39.0	-6.1	-0.002 mg/L	-0.002 mg/L	10:58:05
2	Cr 267.716	184.4	11.9	0.001 mg/L	0.001 mg/L	10:58:05
2	Cu 327.393	-13054.9	-638.7	0.008 mg/L	0.008 mg/L	10:57:59
2	Cu 324.752	16037.6	1354.0	0.014 mg/L	0.014 mg/L	10:57:59
2	Fe 273.955	15.3	11.7	-0.018 mg/L	-0.018 mg/L	10:58:05
2	Fe 259.939	312.5	280.1	-0.013 mg/L	-0.013 mg/L	10:58:05
2	Fe 238.204	321.8	170.0	-0.014 mg/L	-0.014 mg/L	10:58:05
2	K 766.490	1495.7	865.7	0.307 mg/L	0.307 mg/L	10:57:59
2	K 404.721	-12918.8	539.3	0.000 mg/L	0.000 mg/L	10:57:59
2	Li 670.784	1336.2	1842.7	0.025 mg/L	0.025 mg/L	10:57:59
2	Mg 285.213	1271.6	484.1	-0.041 mg/L	-0.041 mg/L	10:57:59
2	Mn 257.610	96.2	145.9	0.000 mg/L	0.000 mg/L	10:58:05
2	Mo 202.031	1061.6	1040.7	0.301 mg/L	0.301 mg/L	10:58:05
2	Na 589.592	-666.9	-26.4	0.026 mg/L	0.026 mg/L	10:57:59
2	Na 330.237	-908.4	-78.7	-0.103 mg/L	-0.103 mg/L	10:58:05
2	Ni 231.604	125.2	23.5	0.006 mg/L	0.006 mg/L	10:58:05

2	Pb 220.353	6.0	-16.2	0.012 mg/L	0.012 mg/L	10:58:05
2	Pb 217.000	20.8	16.4	0.038 mg/L	0.038 mg/L	10:58:05
2	Sb 206.836	76.7	49.7	0.041 mg/L	0.041 mg/L	10:58:0
2	Se 196.026	7.1	-5.8	-0.013 mg/L	-0.013 mg/L	10:58:0
2	Se 203.985	-65.0	-10.6	-0.001 mg/L	-0.001 mg/L	10:58:05
2	Si 251.611	5237.6	4642.1	0.221 mg/L	0.221 mg/L	10:58:05
2	Ti 334.940	142898.6	143929.0	0.916 mg/L	0.916 mg/L	10:57:59
2	Tl 276.787	92.3	-24.9	0.006 mg/L	0.006 mg/L	10:58:05
2	Tl 190.801	-39.0	-15.7	-0.018 mg/L	-0.018 mg/L	10:58:05
2	V 290.880	11084.0	955.6	0.019 mg/L	0.019 mg/L	10:57:59
2	V 292.402	187.6	51.7	0.001 mg/L	0.001 mg/L	10:58:05
2	Zn 206.200	38.6	32.6	-0.043 mg/L	-0.043 mg/L	10:58:05
2	Zn 213.857	424.9	137.3	-0.043 mg/L	-0.043 mg/L	10:58:05
3	Ag 328.068	61.8	244.8	0.009 mg/L	0.009 mg/L	10:58:11
3	Ag 338.289	-270.0	-241.0	0.002 mg/L	0.002 mg/L	10:58:11
3	Al 308.215	39292.5	3113.5	0.117 mg/L	0.117 mg/L	10:58:06
3	Al 396.153	-47.0	-182.3	-0.078 mg/L	-0.078 mg/L	10:58:06
3	As 188.979	-6.1	-18.2	-0.031 mg/L	-0.031 mg/L	10:58:11
3	As 193.696	-33.8	-10.7	-0.004 mg/L	-0.004 mg/L	10:58:11
3	B 182.528	197.2	190.9	0.539 mg/L	0.539 mg/L	10:58:11
3	B 249.677	11771.7	10939.0	0.521 mg/L	0.521 mg/L	10:58:06
3	Ba 233.527	-47.9	21.9	-0.002 mg/L	-0.002 mg/L	10:58:11
3	Be 313.107	156088.2	9512.3	-0.009 mg/L	-0.009 mg/L	10:58:06
3	Be 234.861	-35.6	267.6	-0.011 mg/L	-0.011 mg/L	10:58:11
3	Ca 317.933	-9.9	74.4	0.016 mg/L	0.016 mg/L	10:58:06
3	Cd 228.802	18.6	21.3	0.002 mg/L	0.002 mg/L	10:58:11
3	Cd 214.440	285.0	34.3	-0.005 mg/L	-0.005 mg/L	10:58:11
3	Co 228.616	-119.3	-2.1	0.007 mg/L	0.007 mg/L	10:58:11
3	Cr 205.560	-40.5	-7.6	-0.002 mg/L	-0.002 mg/L	10:58:11
3	Cr 267.716	179.6	7.1	0.001 mg/L	0.001 mg/L	10:58:11
3	Cu 327.393	-13126.6	-710.4	0.007 mg/L	0.007 mg/L	10:58:06
3	Cu 324.752	16136.3	1452.6	0.014 mg/L	0.014 mg/L	10:58:06
3	Fe 273.955	17.5	13.8	-0.017 mg/L	-0.017 mg/L	10:58:11
3	Fe 259.939	301.5	269.1	-0.014 mg/L	-0.014 mg/L	10:58:11
3	Fe 238.204	303.5	151.7	-0.015 mg/L	-0.015 mg/L	10:58:11
3	K 766.490	1447.7	817.7	0.306 mg/L	0.306 mg/L	10:58:0
3	K 404.721	-12929.2	528.9	0.000 mg/L	0.000 mg/L	10:58:0
3	Li 670.784	831.6	1338.0	0.024 mg/L	0.024 mg/L	10:58:06
3	Mg 285.213	1307.7	520.2	-0.041 mg/L	-0.041 mg/L	10:58:06
3	Mn 257.610	87.2	136.9	0.000 mg/L	0.000 mg/L	10:58:11
3	Mo 202.031	1066.9	1046.0	0.302 mg/L	0.302 mg/L	10:58:11
3	Na 589.592	-848.4	-207.8	-0.064 mg/L	-0.064 mg/L	10:58:06
3	Na 330.237	-969.0	-139.4	-0.142 mg/L	-0.142 mg/L	10:58:11
3	Ni 231.604	129.7	27.9	0.007 mg/L	0.007 mg/L	10:58:11
3	Pb 220.353	18.9	-3.3	0.018 mg/L	0.018 mg/L	10:58:11
3	Pb 217.000	-1.7	-6.0	0.011 mg/L	0.011 mg/L	10:58:11
3	Sb 206.836	60.7	33.8	0.031 mg/L	0.031 mg/L	10:58:11
3	Se 196.026	13.0	0.1	-0.004 mg/L	-0.004 mg/L	10:58:11
3	Se 203.985	-60.4	-6.0	0.003 mg/L	0.003 mg/L	10:58:11
3	Si 251.611	5307.0	4711.5	0.225 mg/L	0.225 mg/L	10:58:11
3	Ti 334.940	144512.2	145542.7	0.927 mg/L	0.927 mg/L	10:58:06
3	Tl 276.787	108.9	-8.3	0.017 mg/L	0.017 mg/L	10:58:11
3	Tl 190.801	-35.5	-12.3	-0.005 mg/L	-0.005 mg/L	10:58:11
3	V 290.880	11124.9	996.5	0.021 mg/L	0.021 mg/L	10:58:06
3	V 292.402	171.7	35.8	0.000 mg/L	0.000 mg/L	10:58:11
3	Zn 206.200	7.2	1.2	-0.049 mg/L	-0.049 mg/L	10:58:11
3	Zn 213.857	395.4	107.9	-0.044 mg/L	-0.044 mg/L	10:58:11

Mean Data: int. chk. 1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	290.7	0.009	mg/L	0.0003	0.009	mg/L	0.0003	3.59%
Ag 338.289	-218.4	0.002	mg/L	0.0006	0.002	mg/L	0.0006	27.41%
Al 308.215	3045.6	0.111	mg/L	0.0131	0.111	mg/L	0.0131	11.76%
Al 396.153	-85.6	-0.013	mg/L	0.0601	-0.013	mg/L	0.0601	446.20%
As 188.979	-17.5	-0.030	mg/L	0.0012	-0.030	mg/L	0.0012	3.92%
As 193.696	-7.5	0.001	mg/L	0.0049	0.001	mg/L	0.0049	738.78%
B 182.528	183.5	0.518	mg/L	0.0286	0.518	mg/L	0.0286	5.5
B 249.677	10866.4	0.518	mg/L	0.0064	0.518	mg/L	0.0064	1.24%
Ba 233.527	15.5	-0.002	mg/L	0.0008	-0.002	mg/L	0.0008	33.35%
Be 313.107	9318.7	-0.010	mg/L	0.0003	-0.010	mg/L	0.0003	3.30%
Be 234.861	318.4	-0.010	mg/L	0.0002	-0.010	mg/L	0.0002	1.59%

Ca 317.933	148.2	0.020 mg/L	0.0035	0.020 mg/L	0.0035	17.07%
Cd 228.802	13.9	0.001 mg/L	0.0009	0.001 mg/L	0.0009	64.13%
Cd 214.440	42.4	-0.004 mg/L	0.0006	-0.004 mg/L	0.0006	14.40%
Co 228.616	-2.4	0.007 mg/L	0.0001	0.007 mg/L	0.0001	1.41%
Cr 205.560	-0.7	-0.001 mg/L	0.0018	-0.001 mg/L	0.0018	225.57%
Cr 267.716	17.4	0.002 mg/L	0.0006	0.002 mg/L	0.0006	37.20%
Cu 327.393	-624.3	0.008 mg/L	0.0005	0.008 mg/L	0.0005	6.98%
Cu 324.752	1463.9	0.014 mg/L	0.0004	0.014 mg/L	0.0004	2.47%
Fe 273.955	24.3	-0.014 mg/L	0.0065	-0.014 mg/L	0.0065	47.76%
Fe 259.939	353.7	-0.011 mg/L	0.0049	-0.011 mg/L	0.0049	45.50%
Fe 238.204	199.5	-0.012 mg/L	0.0044	-0.012 mg/L	0.0044	36.35%
K 766.490	934.0	0.308 mg/L	0.0031	0.308 mg/L	0.0031	1.02%
K 404.721	499.2	0.000 mg/L	0.0000	0.000 mg/L	0.0000	0.00%
Li 670.784	1676.6	0.025 mg/L	0.0002	0.025 mg/L	0.0002	0.95%
Mg 285.213	529.3	-0.041 mg/L	0.0002	-0.041 mg/L	0.0002	0.55%
Mn 257.610	148.9	0.001 mg/L	0.0001	0.001 mg/L	0.0001	28.75%
Mo 202.031	1045.0	0.302 mg/L	0.0011	0.302 mg/L	0.0011	0.37%
Na 589.592	-49.5	0.015 mg/L	0.0737	0.015 mg/L	0.0737	501.12%
Na 330.237	-108.4	-0.122 mg/L	0.0196	-0.122 mg/L	0.0196	16.03%
Ni 231.604	30.5	0.007 mg/L	0.0012	0.007 mg/L	0.0012	16.57%
Pb 220.353	-1.6	0.019 mg/L	0.0083	0.019 mg/L	0.0083	42.70%
Pb 217.000	10.7	0.031 mg/L	0.0177	0.031 mg/L	0.0177	57.70%
Sb 206.836	47.2	0.040 mg/L	0.0082	0.040 mg/L	0.0082	20.58%
Se 196.026	-3.0	-0.009 mg/L	0.0042	-0.009 mg/L	0.0042	48.95%
Se 203.985	-9.4	0.000 mg/L	0.0030	0.000 mg/L	0.0030	>999.9%
Si 251.611	4675.6	0.223 mg/L	0.0018	0.223 mg/L	0.0018	0.79%
Ti 334.940	145104.3	0.924 mg/L	0.0065	0.924 mg/L	0.0065	0.71%
Tl 276.787	-17.2	0.011 mg/L	0.0058	0.011 mg/L	0.0058	51.60%
Tl 190.801	-10.1	0.002 mg/L	0.0251	0.002 mg/L	0.0251	>999.9%
V 290.880	1015.1	0.022 mg/L	0.0035	0.022 mg/L	0.0035	16.21%
V 292.402	54.3	0.001 mg/L	0.0005	0.001 mg/L	0.0005	68.93%
Zn 206.200	17.1	-0.046 mg/L	0.0031	-0.046 mg/L	0.0031	6.77%
Zn 213.857	126.7	-0.043 mg/L	0.0005	-0.043 mg/L	0.0005	1.26%

Sequence No.: 9 **Autosampler Location: 10**
Sample ID: int. chk. 3 **Date Collected: 7/16/02 10:58:49 AM**
Analyst:
Nebulizer Back Pressure: 341.0 kPa **Nebulizer Flow: 0.85 L/min**
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Replicate Data: int. chk. 3

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	32584.3	32767.3	0.286	mg/L	0.286	mg/L	11:00:27
1	Ag 338.289	11587.3	11616.2	0.289	mg/L	0.289	mg/L	11:00:27
1	Al 308.215	39265.8	3086.8	0.115	mg/L	0.115	mg/L	11:00:27
1	Al 396.153	97.3	-37.9	0.019	mg/L	0.019	mg/L	11:00:27
1	As 188.979	521.8	509.7	0.947	mg/L	0.947	mg/L	11:00:33
1	As 193.696	691.2	714.4	0.988	mg/L	0.988	mg/L	11:00:33
1	B 182.528	24.0	17.8	0.044	mg/L	0.044	mg/L	11:00:33
1	B 249.677	1639.7	807.0	0.038	mg/L	0.038	mg/L	11:00:33
1	Ba 233.527	2932.6	3002.4	0.280	mg/L	0.280	mg/L	11:00:33
1	Be 313.107	297849.1	151273.1	0.088	mg/L	0.088	mg/L	11:00:27
1	Be 234.861	29083.9	29387.1	0.093	mg/L	0.093	mg/L	11:00:27
1	Ca 317.933	-81.8	2.5	0.013	mg/L	0.013	mg/L	11:00:27
1	Cd 228.802	2163.5	2166.1	0.255	mg/L	0.255	mg/L	11:00:33
1	Cd 214.440	3893.8	3643.1	0.281	mg/L	0.281	mg/L	11:00:33
1	Co 228.616	1297.0	1414.2	0.281	mg/L	0.281	mg/L	11:00:33
1	Cr 205.560	1592.6	1625.5	0.276	mg/L	0.276	mg/L	11:00:33
1	Cr 267.716	6337.4	6164.9	0.271	mg/L	0.271	mg/L	11:00:33
1	Cu 327.393	33557.7	45973.9	0.280	mg/L	0.280	mg/L	11:00:27
1	Cu 324.752	103887.6	89204.0	0.285	mg/L	0.285	mg/L	11:00:27
1	Fe 273.955	-110.0	-113.6	-0.059	mg/L	-0.059	mg/L	11:00:33
1	Fe 259.939	184.8	152.4	-0.018	mg/L	-0.018	mg/L	11:00:33
1	Fe 238.204	73.5	-78.3	-0.030	mg/L	-0.030	mg/L	11:00:33
1	K 766.490	791128.6	790498.6	15.7	mg/L	15.7	mg/L	11:00:26
1	K 404.721	-12935.3	522.8	0.000	mg/L	0.000	mg/L	11:00:27
1	Li 670.784	251.2	757.7	0.024	mg/L	0.024	mg/L	11:00:27
1	Mg 285.213	549.4	-238.1	-0.045	mg/L	-0.045	mg/L	11:00:27
1	Mn 257.610	17621.0	17670.7	0.186	mg/L	0.186	mg/L	11:00:27

1	Mo 202.031	82.8	61.9	0.019 mg/L	0.019 mg/L	11:00:33
1	Na 589.592	-597.9	42.7	0.061 mg/L	0.061 mg/L	11:00:27
1	Na 330.237	-411.7	418.0	0.218 mg/L	0.218 mg/L	11:00:33
1	Ni 231.604	2045.8	1944.0	0.280 mg/L	0.280 mg/L	11:00:[illegible]
1	Pb 220.353	1619.0	1596.9	0.869 mg/L	0.869 mg/L	11:00:33
1	Pb 217.000	758.5	754.1	0.924 mg/L	0.924 mg/L	11:00:33
1	Sb 206.836	47.3	20.3	0.022 mg/L	0.022 mg/L	11:00:33
1	Se 196.026	341.3	328.5	0.463 mg/L	0.463 mg/L	11:00:33
1	Se 203.985	349.5	403.9	0.416 mg/L	0.416 mg/L	11:00:33
1	Si 251.611	552.5	-43.0	-0.015 mg/L	-0.015 mg/L	11:00:33
1	Ti 334.940	-546.9	483.6	0.008 mg/L	0.008 mg/L	11:00:33
1	Tl 276.787	1419.2	1302.1	0.928 mg/L	0.928 mg/L	11:00:33
1	Tl 190.801	212.4	235.6	0.892 mg/L	0.892 mg/L	11:00:33
1	V 290.880	16713.0	6584.6	0.296 mg/L	0.296 mg/L	11:00:27
1	V 292.402	11907.7	11771.8	0.276 mg/L	0.276 mg/L	11:00:27
1	Zn 206.200	1607.9	1601.9	0.266 mg/L	0.266 mg/L	11:00:33
1	Zn 213.857	9876.6	9589.1	0.270 mg/L	0.270 mg/L	11:00:33
2	Ag 328.068	33247.9	33430.8	0.291 mg/L	0.291 mg/L	11:00:35
2	Ag 338.289	11807.1	11836.0	0.294 mg/L	0.294 mg/L	11:00:35
2	Al 308.215	39771.3	3592.3	0.155 mg/L	0.155 mg/L	11:00:35
2	Al 396.153	-0.3	-135.6	-0.047 mg/L	-0.047 mg/L	11:00:35
2	As 188.979	540.1	528.0	0.981 mg/L	0.981 mg/L	11:00:41
2	As 193.696	710.5	733.7	1.01 mg/L	1.01 mg/L	11:00:41
2	B 182.528	15.9	9.7	0.021 mg/L	0.021 mg/L	11:00:41
2	B 249.677	1612.6	779.9	0.037 mg/L	0.037 mg/L	11:00:41
2	Ba 233.527	2971.3	3041.1	0.283 mg/L	0.283 mg/L	11:00:41
2	Be 313.107	302874.4	156298.5	0.092 mg/L	0.092 mg/L	11:00:35
2	Be 234.861	29867.9	30171.1	0.096 mg/L	0.096 mg/L	11:00:35
2	Ca 317.933	-58.6	25.6	0.014 mg/L	0.014 mg/L	11:00:35
2	Cd 228.802	2195.1	2197.8	0.259 mg/L	0.259 mg/L	11:00:41
2	Cd 214.440	3981.9	3731.2	0.288 mg/L	0.288 mg/L	11:00:41
2	Co 228.616	1322.1	1439.3	0.286 mg/L	0.286 mg/L	11:00:41
2	Cr 205.560	1642.9	1675.8	0.284 mg/L	0.284 mg/L	11:00:41
2	Cr 267.716	6474.7	6302.2	0.277 mg/L	0.277 mg/L	11:00:41
2	Cu 327.393	34543.8	46960.0	0.285 mg/L	0.285 mg/L	11:00:35
2	Cu 324.752	106082.5	91398.9	0.292 mg/L	0.292 mg/L	11:00:35
2	Fe 273.955	-116.9	-120.5	-0.061 mg/L	-0.061 mg/L	11:00:[illegible]
2	Fe 259.939	162.4	130.0	-0.019 mg/L	-0.019 mg/L	11:00:41
2	Fe 238.204	50.2	-101.6	-0.032 mg/L	-0.032 mg/L	11:00:41
2	K 766.490	790263.3	789633.3	15.6 mg/L	15.6 mg/L	11:00:34
2	K 404.721	-12825.1	633.0	0.000 mg/L	0.000 mg/L	11:00:35
2	Li 670.784	142.0	648.4	0.024 mg/L	0.024 mg/L	11:00:35
2	Mg 285.213	592.5	-195.0	-0.044 mg/L	-0.044 mg/L	11:00:35
2	Mn 257.610	17966.7	18016.4	0.190 mg/L	0.190 mg/L	11:00:35
2	Mo 202.031	59.6	38.7	0.012 mg/L	0.012 mg/L	11:00:41
2	Na 589.592	-611.0	29.6	0.054 mg/L	0.054 mg/L	11:00:35
2	Na 330.237	-423.9	405.8	0.210 mg/L	0.210 mg/L	11:00:41
2	Ni 231.604	2087.2	1985.5	0.286 mg/L	0.286 mg/L	11:00:41
2	Pb 220.353	1660.9	1638.7	0.892 mg/L	0.892 mg/L	11:00:41
2	Pb 217.000	776.8	772.4	0.946 mg/L	0.946 mg/L	11:00:41
2	Sb 206.836	36.4	9.4	0.015 mg/L	0.015 mg/L	11:00:41
2	Se 196.026	344.5	331.7	0.468 mg/L	0.468 mg/L	11:00:41
2	Se 203.985	362.1	416.6	0.429 mg/L	0.429 mg/L	11:00:41
2	Si 251.611	581.4	-14.1	-0.014 mg/L	-0.014 mg/L	11:00:41
2	Ti 334.940	-571.9	458.5	0.008 mg/L	0.008 mg/L	11:00:41
2	Tl 276.787	1450.5	1333.3	0.950 mg/L	0.950 mg/L	11:00:41
2	Tl 190.801	222.5	245.8	0.928 mg/L	0.928 mg/L	11:00:41
2	V 290.880	16801.8	6673.4	0.300 mg/L	0.300 mg/L	11:00:35
2	V 292.402	12117.9	11982.1	0.281 mg/L	0.281 mg/L	11:00:35
2	Zn 206.200	1673.4	1667.4	0.279 mg/L	0.279 mg/L	11:00:41
2	Zn 213.857	10093.4	9805.9	0.277 mg/L	0.277 mg/L	11:00:41
3	Ag 328.068	33072.7	33255.7	0.290 mg/L	0.290 mg/L	11:00:43
3	Ag 338.289	11867.7	11896.7	0.296 mg/L	0.296 mg/L	11:00:43
3	Al 308.215	39700.4	3521.4	0.150 mg/L	0.150 mg/L	11:00:43
3	Al 396.153	113.4	-21.9	0.029 mg/L	0.029 mg/L	11:00:43
3	As 188.979	533.4	521.3	0.969 mg/L	0.969 mg/L	11:00:49
3	As 193.696	691.8	715.0	0.989 mg/L	0.989 mg/L	11:00:49
3	B 182.528	25.1	18.8	0.047 mg/L	0.047 mg/L	11:00:49
3	B 249.677	1565.6	732.9	0.035 mg/L	0.035 mg/L	11:00:[illegible]
3	Ba 233.527	2925.5	2995.4	0.279 mg/L	0.279 mg/L	11:00:[illegible]
3	Be 313.107	300560.7	153984.8	0.090 mg/L	0.090 mg/L	11:00:43
3	Be 234.861	29481.9	29785.1	0.094 mg/L	0.094 mg/L	11:00:43
3	Ca 317.933	-74.3	9.9	0.013 mg/L	0.013 mg/L	11:00:43

3	Cd 228.802	2198.4	2201.1	0.259 mg/L	0.259 mg/L	11:00:49
3	Cd 214.440	3919.8	3669.0	0.283 mg/L	0.283 mg/L	11:00:49
3	Co 228.616	1288.3	1405.5	0.279 mg/L	0.279 mg/L	11:00:49
3	Cr 205.560	1635.9	1668.8	0.283 mg/L	0.283 mg/L	11:00:49
3	Cr 267.716	6364.6	6192.1	0.272 mg/L	0.272 mg/L	11:00:49
3	Cu 327.393	34540.9	46957.1	0.285 mg/L	0.285 mg/L	11:00:43
3	Cu 324.752	105330.0	90646.3	0.290 mg/L	0.290 mg/L	11:00:43
3	Fe 273.955	-94.6	-98.3	-0.054 mg/L	-0.054 mg/L	11:00:49
3	Fe 259.939	122.5	90.1	-0.020 mg/L	-0.020 mg/L	11:00:49
3	Fe 238.204	55.7	-96.2	-0.031 mg/L	-0.031 mg/L	11:00:49
3	K 766.490	848798.5	848168.5	16.8 mg/L	16.8 mg/L	11:00:42
3	K 404.721	-13064.5	393.6	0.000 mg/L	0.000 mg/L	11:00:43
3	Li 670.784	74.3	580.8	0.024 mg/L	0.024 mg/L	11:00:43
3	Mg 285.213	500.0	-287.6	-0.045 mg/L	-0.045 mg/L	11:00:43
3	Mn 257.610	17884.8	17934.5	0.189 mg/L	0.189 mg/L	11:00:43
3	Mo 202.031	52.8	32.0	0.010 mg/L	0.010 mg/L	11:00:49
3	Na 589.592	-984.3	-343.8	-0.132 mg/L	-0.132 mg/L	11:00:43
3	Na 330.237	-386.1	443.5	0.234 mg/L	0.234 mg/L	11:00:49
3	Ni 231.604	2050.2	1948.5	0.280 mg/L	0.280 mg/L	11:00:49
3	Pb 220.353	1652.2	1630.1	0.887 mg/L	0.887 mg/L	11:00:49
3	Pb 217.000	752.6	748.2	0.917 mg/L	0.917 mg/L	11:00:49
3	Sb 206.836	50.2	23.2	0.024 mg/L	0.024 mg/L	11:00:49
3	Se 196.026	337.8	325.0	0.458 mg/L	0.458 mg/L	11:00:49
3	Se 203.985	382.1	436.6	0.449 mg/L	0.449 mg/L	11:00:49
3	Si 251.611	554.5	-41.0	-0.015 mg/L	-0.015 mg/L	11:00:49
3	Ti 334.940	-686.6	343.8	0.007 mg/L	0.007 mg/L	11:00:49
3	Tl 276.787	1427.8	1310.7	0.934 mg/L	0.934 mg/L	11:00:49
3	Tl 190.801	225.5	248.7	0.939 mg/L	0.939 mg/L	11:00:49
3	V 290.880	16717.2	6588.8	0.296 mg/L	0.296 mg/L	11:00:43
3	V 292.402	12079.9	11944.1	0.280 mg/L	0.280 mg/L	11:00:43
3	Zn 206.200	1658.0	1651.9	0.276 mg/L	0.276 mg/L	11:00:49
3	Zn 213.857	9969.5	9682.0	0.273 mg/L	0.273 mg/L	11:00:49

Mean Data: int. chk. 3

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	33151.3	0.289	mg/L	0.0029	0.289	mg/L	0.0029	1.01%
Ag 338.289	11783.0	0.293	mg/L	0.0036	0.293	mg/L	0.0036	1.22%
Al 308.215	3400.2	0.140	mg/L	0.0221	0.140	mg/L	0.0221	15.84%
Al 396.153	-65.2	0.000	mg/L	0.0413	0.000	mg/L	0.0413	>999.9%
As 188.979	519.7	0.966	mg/L	0.0171	0.966	mg/L	0.0171	1.78%
As 193.696	721.0	0.997	mg/L	0.0150	0.997	mg/L	0.0150	1.51%
B 182.528	15.4	0.037	mg/L	0.0143	0.037	mg/L	0.0143	38.43%
B 249.677	773.3	0.037	mg/L	0.0018	0.037	mg/L	0.0018	4.86%
Ba 233.527	3013.0	0.281	mg/L	0.0023	0.281	mg/L	0.0023	0.83%
Be 313.107	153852.1	0.090	mg/L	0.0017	0.090	mg/L	0.0017	1.93%
Be 234.861	29781.1	0.094	mg/L	0.0014	0.094	mg/L	0.0014	1.48%
Ca 317.933	12.7	0.013	mg/L	0.0006	0.013	mg/L	0.0006	4.78%
Cd 228.802	2188.3	0.258	mg/L	0.0023	0.258	mg/L	0.0023	0.88%
Cd 214.440	3681.1	0.284	mg/L	0.0036	0.284	mg/L	0.0036	1.26%
Co 228.616	1419.7	0.282	mg/L	0.0034	0.282	mg/L	0.0034	1.20%
Cr 205.560	1656.7	0.281	mg/L	0.0046	0.281	mg/L	0.0046	1.65%
Cr 267.716	6219.7	0.274	mg/L	0.0032	0.274	mg/L	0.0032	1.17%
Cu 327.393	46630.3	0.284	mg/L	0.0033	0.284	mg/L	0.0033	1.17%
Cu 324.752	90416.4	0.289	mg/L	0.0034	0.289	mg/L	0.0034	1.19%
Fe 273.955	-110.8	-0.058	mg/L	0.0037	-0.058	mg/L	0.0037	6.43%
Fe 259.939	124.2	-0.019	mg/L	0.0011	-0.019	mg/L	0.0011	5.95%
Fe 238.204	-92.0	-0.031	mg/L	0.0008	-0.031	mg/L	0.0008	2.56%
K 766.490	809433.5	16.0	mg/L	0.65	16.0	mg/L	0.65	4.07%
K 404.721	516.5	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	662.3	0.024	mg/L	0.0001	0.024	mg/L	0.0001	0.30%
Mg 285.213	-240.3	-0.045	mg/L	0.0002	-0.045	mg/L	0.0002	0.47%
Mn 257.610	17873.9	0.188	mg/L	0.0019	0.188	mg/L	0.0019	1.02%
Mo 202.031	44.2	0.014	mg/L	0.0045	0.014	mg/L	0.0045	32.60%
Na 589.592	-90.5	-0.006	mg/L	0.1092	-0.006	mg/L	0.1092	>999.9%
Na 330.237	422.4	0.221	mg/L	0.0124	0.221	mg/L	0.0124	5.64%
Ni 231.604	1959.4	0.282	mg/L	0.0032	0.282	mg/L	0.0032	1.15%
Pb 220.353	1621.9	0.883	mg/L	0.0118	0.883	mg/L	0.0118	1.33%
Pb 217.000	758.2	0.929	mg/L	0.0152	0.929	mg/L	0.0152	1.63%
Sb 206.836	17.6	0.020	mg/L	0.0048	0.020	mg/L	0.0048	23.60%
Se 196.026	328.4	0.463	mg/L	0.0048	0.463	mg/L	0.0048	1.03%
Se 203.985	419.0	0.431	mg/L	0.0166	0.431	mg/L	0.0166	3.85%

Si 251.611	-32.7	-0.015 mg/L	0.0008	-0.015 mg/L	0.0008	5.52%
Ti 334.940	428.6	0.007 mg/L	0.0005	0.007 mg/L	0.0005	6.34%
Tl 276.787	1315.4	0.938 mg/L	0.0112	0.938 mg/L	0.0112	1.20
Tl 190.801	243.4	0.920 mg/L	0.0249	0.920 mg/L	0.0249	2.71
V 290.880	6615.6	0.297 mg/L	0.0025	0.297 mg/L	0.0025	0.83%
V 292.402	11899.3	0.279 mg/L	0.0026	0.279 mg/L	0.0026	0.94%
Zn 206.200	1640.4	0.274 mg/L	0.0067	0.274 mg/L	0.0067	2.46%
Zn 213.857	9692.3	0.274 mg/L	0.0036	0.274 mg/L	0.0036	1.32%

Sequence No.: 10
Sample ID: int. chk. 4
Analyst:
Nebulizer Back Pressure: 342.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 11
Date Collected: 7/16/02 11:01:26 AM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: int. chk. 4

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	Ag 328.068	-279.8	-96.8	0.006	mg/L	0.006	mg/L	11:03:10
1	Ag 338.289	113.7	142.6	0.011	mg/L	0.011	mg/L	11:03:10
1	Al 308.215	50469.5	14290.5	1.02	mg/L	1.02	mg/L	11:03:04
1	Al 396.153	1666.5	1531.3	1.07	mg/L	1.07	mg/L	11:03:04
1	As 188.979	4.9	-7.2	-0.011	mg/L	-0.011	mg/L	11:03:10
1	As 193.696	-20.2	2.9	0.015	mg/L	0.015	mg/L	11:03:10
1	B 182.528	10.8	4.6	0.006	mg/L	0.006	mg/L	11:03:10
1	B 249.677	1032.0	199.3	0.009	mg/L	0.009	mg/L	11:03:10
1	Ba 233.527	-40.1	29.7	-0.001	mg/L	-0.001	mg/L	11:03:10
1	Be 313.107	157754.7	11178.8	-0.008	mg/L	-0.008	mg/L	11:03:04
1	Be 234.861	-9135.1	-8831.9	-0.043	mg/L	-0.043	mg/L	11:03:10
1	Ca 317.933	95845.8	95930.1	5.10	mg/L	5.10	mg/L	11:03:04
1	Cd 228.802	4.5	7.2	0.001	mg/L	0.001	mg/L	11:03:10
1	Cd 214.440	272.9	22.2	-0.006	mg/L	-0.006	mg/L	11:03:10
1	Co 228.616	-111.0	6.2	0.008	mg/L	0.008	mg/L	11:03:1
1	Cr 205.560	-18.7	14.2	0.002	mg/L	0.002	mg/L	11:03:1
1	Cr 267.716	186.6	14.1	0.002	mg/L	0.002	mg/L	11:03:10
1	Cu 327.393	-13126.4	-710.2	0.007	mg/L	0.007	mg/L	11:03:04
1	Cu 324.752	15620.9	937.3	0.013	mg/L	0.013	mg/L	11:03:04
1	Fe 273.955	15489.2	15485.6	5.02	mg/L	5.02	mg/L	11:03:04
1	Fe 259.939	126003.8	125971.4	4.49	mg/L	4.49	mg/L	11:03:04
1	Fe 238.204	71366.1	71214.3	4.58	mg/L	4.58	mg/L	11:03:04
1	K 766.490	4415.0	3784.9	0.363	mg/L	0.363	mg/L	11:03:04
1	K 404.721	-14880.4	-1422.3	0.000	mg/L	0.000	mg/L	11:03:04
1	Li 670.784	-400.3	106.1	0.023	mg/L	0.023	mg/L	11:03:04
1	Mg 285.213	595422.0	594634.4	2.62	mg/L	2.62	mg/L	11:03:04
1	Mn 257.610	146.0	195.7	0.001	mg/L	0.001	mg/L	11:03:10
1	Mo 202.031	42.4	21.5	0.007	mg/L	0.007	mg/L	11:03:10
1	Na 589.592	391.2	1031.7	0.553	mg/L	0.553	mg/L	11:03:04
1	Na 330.237	-312.9	516.8	0.281	mg/L	0.281	mg/L	11:03:10
1	Ni 231.604	118.3	16.5	0.005	mg/L	0.005	mg/L	11:03:10
1	Pb 220.353	23.9	1.7	0.021	mg/L	0.021	mg/L	11:03:10
1	Pb 217.000	11.9	7.5	0.027	mg/L	0.027	mg/L	11:03:10
1	Sb 206.836	33.4	6.4	0.013	mg/L	0.013	mg/L	11:03:10
1	Se 196.026	12.0	-0.9	-0.006	mg/L	-0.006	mg/L	11:03:10
1	Se 203.985	-89.0	-34.6	-0.026	mg/L	-0.026	mg/L	11:03:10
1	Si 251.611	516.4	-79.1	-0.017	mg/L	-0.017	mg/L	11:03:10
1	Ti 334.940	-1021.0	9.4	0.005	mg/L	0.005	mg/L	11:03:10
1	Tl 276.787	20.2	-96.9	-0.044	mg/L	-0.044	mg/L	11:03:10
1	Tl 190.801	-24.9	-1.7	0.033	mg/L	0.033	mg/L	11:03:10
1	V 290.880	11129.1	1000.6	0.021	mg/L	0.021	mg/L	11:03:04
1	V 292.402	278.1	142.2	0.003	mg/L	0.003	mg/L	11:03:10
1	Zn 206.200	344.7	338.6	0.018	mg/L	0.018	mg/L	11:03:10
1	Zn 213.857	2313.8	2026.2	0.020	mg/L	0.020	mg/L	11:03:10
2	Ag 328.068	-239.7	-56.8	0.007	mg/L	0.007	mg/L	11:03:17
2	Ag 338.289	76.2	105.2	0.010	mg/L	0.010	mg/L	11:03:17
2	Al 308.215	50552.9	14373.9	1.03	mg/L	1.03	mg/L	11:03:1
2	Al 396.153	1658.8	1523.5	1.07	mg/L	1.07	mg/L	11:03:
2	As 188.979	9.3	-2.8	-0.003	mg/L	-0.003	mg/L	11:03:17
2	As 193.696	-25.0	-1.9	0.008	mg/L	0.008	mg/L	11:03:17
2	B 182.528	17.8	11.5	0.026	mg/L	0.026	mg/L	11:03:17
2	B 249.677	1036.2	203.5	0.010	mg/L	0.010	mg/L	11:03:17

2	Ba 233.527	-51.0	18.9	-0.002 mg/L	-0.002 mg/L	11:03:17
2	Be 313.107	157086.8	10510.9	-0.009 mg/L	-0.009 mg/L	11:03:11
2	Be 234.861	-9353.8	-9050.6	-0.044 mg/L	-0.044 mg/L	11:03:17
2	Ca 317.933	98330.0	98414.3	5.23 mg/L	5.23 mg/L	11:03:11
2	Cd 228.802	16.4	19.1	0.002 mg/L	0.002 mg/L	11:03:17
2	Cd 214.440	316.1	65.4	-0.002 mg/L	-0.002 mg/L	11:03:17
2	Co 228.616	-128.5	-11.3	0.005 mg/L	0.005 mg/L	11:03:17
2	Cr 205.560	-22.9	10.0	0.001 mg/L	0.001 mg/L	11:03:17
2	Cr 267.716	182.8	10.3	0.001 mg/L	0.001 mg/L	11:03:17
2	Cu 327.393	-13346.3	-930.1	0.006 mg/L	0.006 mg/L	11:03:11
2	Cu 324.752	15751.9	1068.2	0.013 mg/L	0.013 mg/L	11:03:11
2	Fe 273.955	15760.2	15756.6	5.11 mg/L	5.11 mg/L	11:03:11
2	Fe 259.939	128146.6	128114.2	4.57 mg/L	4.57 mg/L	11:03:11
2	Fe 238.204	73236.5	73084.7	4.71 mg/L	4.71 mg/L	11:03:11
2	K 766.490	4577.0	3947.0	0.367 mg/L	0.367 mg/L	11:03:11
2	K 404.721	-14967.1	-1509.0	0.000 mg/L	0.000 mg/L	11:03:11
2	Li 670.784	-412.4	94.0	0.023 mg/L	0.023 mg/L	11:03:11
2	Mg 285.213	604890.0	604102.5	2.66 mg/L	2.66 mg/L	11:03:11
2	Mn 257.610	142.4	192.1	0.001 mg/L	0.001 mg/L	11:03:17
2	Mo 202.031	42.3	21.4	0.007 mg/L	0.007 mg/L	11:03:17
2	Na 589.592	649.8	1290.4	0.681 mg/L	0.681 mg/L	11:03:11
2	Na 330.237	-355.8	473.9	0.254 mg/L	0.254 mg/L	11:03:17
2	Ni 231.604	132.1	30.3	0.007 mg/L	0.007 mg/L	11:03:17
2	Pb 220.353	28.6	6.4	0.024 mg/L	0.024 mg/L	11:03:17
2	Pb 217.000	17.6	13.2	0.034 mg/L	0.034 mg/L	11:03:17
2	Sb 206.836	43.2	16.2	0.019 mg/L	0.019 mg/L	11:03:17
2	Se 196.026	16.2	3.4	0.000 mg/L	0.000 mg/L	11:03:17
2	Se 203.985	-80.2	-25.8	-0.017 mg/L	-0.017 mg/L	11:03:17
2	Si 251.611	534.2	-61.3	-0.016 mg/L	-0.016 mg/L	11:03:17
2	Ti 334.940	-1056.4	-26.0	0.005 mg/L	0.005 mg/L	11:03:17
2	Tl 276.787	39.0	-78.1	-0.031 mg/L	-0.031 mg/L	11:03:17
2	Tl 190.801	-38.0	-14.7	-0.014 mg/L	-0.014 mg/L	11:03:17
2	V 290.880	11053.7	925.3	0.017 mg/L	0.017 mg/L	11:03:11
2	V 292.402	313.1	177.3	0.004 mg/L	0.004 mg/L	11:03:17
2	Zn 206.200	345.0	338.9	0.018 mg/L	0.018 mg/L	11:03:17
2	Zn 213.857	2336.1	2048.6	0.021 mg/L	0.021 mg/L	11:03:17
3	Ag 328.068	-287.2	-104.2	0.006 mg/L	0.006 mg/L	11:03:24
3	Ag 338.289	109.5	138.4	0.011 mg/L	0.011 mg/L	11:03:24
3	Al 308.215	51496.9	15317.9	1.10 mg/L	1.10 mg/L	11:03:18
3	Al 396.153	1566.5	1431.3	1.01 mg/L	1.01 mg/L	11:03:18
3	As 188.979	10.5	-1.7	-0.001 mg/L	-0.001 mg/L	11:03:24
3	As 193.696	-18.6	4.5	0.017 mg/L	0.017 mg/L	11:03:24
3	B 182.528	16.5	10.2	0.022 mg/L	0.022 mg/L	11:03:24
3	B 249.677	1040.4	207.7	0.010 mg/L	0.010 mg/L	11:03:24
3	Ba 233.527	-52.9	16.9	-0.002 mg/L	-0.002 mg/L	11:03:24
3	Be 313.107	159447.9	12872.0	-0.007 mg/L	-0.007 mg/L	11:03:18
3	Be 234.861	-9515.7	-9212.5	-0.044 mg/L	-0.044 mg/L	11:03:24
3	Ca 317.933	99973.2	100057.4	5.32 mg/L	5.32 mg/L	11:03:18
3	Cd 228.802	17.6	20.3	0.002 mg/L	0.002 mg/L	11:03:24
3	Cd 214.440	310.0	59.3	-0.003 mg/L	-0.003 mg/L	11:03:24
3	Co 228.616	-105.6	11.6	0.009 mg/L	0.009 mg/L	11:03:24
3	Cr 205.560	-28.4	4.5	0.000 mg/L	0.000 mg/L	11:03:24
3	Cr 267.716	192.1	19.7	0.002 mg/L	0.002 mg/L	11:03:24
3	Cu 327.393	-13465.7	-1049.5	0.005 mg/L	0.005 mg/L	11:03:18
3	Cu 324.752	16074.4	1390.8	0.014 mg/L	0.014 mg/L	11:03:18
3	Fe 273.955	16217.8	16214.1	5.26 mg/L	5.26 mg/L	11:03:18
3	Fe 259.939	131229.9	131197.6	4.68 mg/L	4.68 mg/L	11:03:18
3	Fe 238.204	74513.6	74361.8	4.79 mg/L	4.79 mg/L	11:03:18
3	K 766.490	4332.3	3702.3	0.362 mg/L	0.362 mg/L	11:03:18
3	K 404.721	-15009.7	-1551.6	0.000 mg/L	0.000 mg/L	11:03:18
3	Li 670.784	4.1	510.6	0.024 mg/L	0.024 mg/L	11:03:18
3	Mg 285.213	616837.8	616050.2	2.72 mg/L	2.72 mg/L	11:03:18
3	Mn 257.610	133.6	183.3	0.001 mg/L	0.001 mg/L	11:03:24
3	Mo 202.031	28.1	7.2	0.003 mg/L	0.003 mg/L	11:03:24
3	Na 589.592	600.5	1241.0	0.657 mg/L	0.657 mg/L	11:03:18
3	Na 330.237	-379.5	450.1	0.238 mg/L	0.238 mg/L	11:03:24
3	Ni 231.604	126.7	25.0	0.007 mg/L	0.007 mg/L	11:03:24
3	Pb 220.353	10.2	-11.9	0.014 mg/L	0.014 mg/L	11:03:24
3	Pb 217.000	10.3	5.9	0.025 mg/L	0.025 mg/L	11:03:24
3	Sb 206.836	39.1	12.1	0.017 mg/L	0.017 mg/L	11:03:24
3	Se 196.026	13.9	1.0	-0.003 mg/L	-0.003 mg/L	11:03:24
3	Se 203.985	-80.5	-26.0	-0.017 mg/L	-0.017 mg/L	11:03:24
3	Si 251.611	516.6	-78.9	-0.017 mg/L	-0.017 mg/L	11:03:24

3	Ti 334.940	-1032.7	-2.3	0.005 mg/L	0.005 mg/L	11:03:24
3	Tl 276.787	18.7	-98.4	-0.045 mg/L	-0.045 mg/L	11:03:24
3	Tl 190.801	-30.9	-7.6	0.011 mg/L	0.011 mg/L	11:03:24
3	V 290.880	11393.1	1264.7	0.034 mg/L	0.034 mg/L	11:03:1[illegible]
3	V 292.402	295.1	159.2	0.003 mg/L	0.003 mg/L	11:03:24
3	Zn 206.200	354.8	348.8	0.020 mg/L	0.020 mg/L	11:03:24
3	Zn 213.857	2343.1	2055.6	0.021 mg/L	0.021 mg/L	11:03:24

Mean Data: int. chk. 4

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-85.9	0.006	mg/L	0.0002	0.006	mg/L	0.0002	3.46%
Ag 338.289	128.8	0.011	mg/L	0.0005	0.011	mg/L	0.0005	4.71%
Al 308.215	14660.8	1.05	mg/L	0.046	1.05	mg/L	0.046	4.39%
Al 396.153	1495.3	1.05	mg/L	0.037	1.05	mg/L	0.037	3.56%
As 188.979	-3.9	-0.005	mg/L	0.0054	-0.005	mg/L	0.0054	109.09%
As 193.696	1.8	0.013	mg/L	0.0046	0.013	mg/L	0.0046	34.09%
B 182.528	8.8	0.018	mg/L	0.0105	0.018	mg/L	0.0105	58.01%
B 249.677	203.5	0.010	mg/L	0.0002	0.010	mg/L	0.0002	2.08%
Ba 233.527	21.8	-0.002	mg/L	0.0007	-0.002	mg/L	0.0007	37.18%
Be 313.107	11520.6	-0.008	mg/L	0.0008	-0.008	mg/L	0.0008	10.40%
Be 234.861	-9031.7	-0.044	mg/L	0.0007	-0.044	mg/L	0.0007	1.55%
Ca 317.933	98133.9	5.22	mg/L	0.110	5.22	mg/L	0.110	2.11%
Cd 228.802	15.5	0.002	mg/L	0.0009	0.002	mg/L	0.0009	51.85%
Cd 214.440	48.9	-0.003	mg/L	0.0019	-0.003	mg/L	0.0019	53.09%
Co 228.616	2.2	0.008	mg/L	0.0023	0.008	mg/L	0.0023	30.29%
Cr 205.560	9.6	0.001	mg/L	0.0008	0.001	mg/L	0.0008	87.97%
Cr 267.716	14.7	0.002	mg/L	0.0002	0.002	mg/L	0.0002	13.49%
Cu 327.393	-896.6	0.006	mg/L	0.0010	0.006	mg/L	0.0010	15.98%
Cu 324.752	1132.1	0.013	mg/L	0.0007	0.013	mg/L	0.0007	5.36%
Fe 273.955	15818.8	5.13	mg/L	0.120	5.13	mg/L	0.120	2.34%
Fe 259.939	128427.7	4.58	mg/L	0.094	4.58	mg/L	0.094	2.06%
Fe 238.204	72886.9	4.69	mg/L	0.102	4.69	mg/L	0.102	2.18%
K 766.490	3811.4	0.364	mg/L	0.0024	0.364	mg/L	0.0024	0.67%
K 404.721	-1494.3	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00[illegible]
Li 670.784	236.9	0.024	mg/L	0.0002	0.024	mg/L	0.0002	0.80[illegible]
Mg 285.213	604929.0	2.67	mg/L	0.048	2.67	mg/L	0.048	1.80%
Mn 257.610	190.4	0.001	mg/L	0.0001	0.001	mg/L	0.0001	7.16%
Mo 202.031	16.7	0.006	mg/L	0.0024	0.006	mg/L	0.0024	39.70%
Na 589.592	1187.7	0.630	mg/L	0.0683	0.630	mg/L	0.0683	10.84%
Na 330.237	480.2	0.258	mg/L	0.0218	0.258	mg/L	0.0218	8.46%
Ni 231.604	24.0	0.006	mg/L	0.0010	0.006	mg/L	0.0010	15.29%
Pb 220.353	-1.3	0.020	mg/L	0.0051	0.020	mg/L	0.0051	25.87%
Pb 217.000	8.9	0.028	mg/L	0.0047	0.028	mg/L	0.0047	16.34%
Sb 206.836	11.6	0.016	mg/L	0.0032	0.016	mg/L	0.0032	19.69%
Se 196.026	1.2	-0.003	mg/L	0.0031	-0.003	mg/L	0.0031	110.21%
Se 203.985	-28.8	-0.020	mg/L	0.0051	-0.020	mg/L	0.0051	25.55%
Si 251.611	-73.1	-0.017	mg/L	0.0005	-0.017	mg/L	0.0005	3.07%
Ti 334.940	-6.3	0.005	mg/L	0.0001	0.005	mg/L	0.0001	2.43%
Tl 276.787	-91.2	-0.040	mg/L	0.0079	-0.040	mg/L	0.0079	19.57%
Tl 190.801	-8.0	0.010	mg/L	0.0236	0.010	mg/L	0.0236	234.26%
V 290.880	1063.5	0.024	mg/L	0.0088	0.024	mg/L	0.0088	36.75%
V 292.402	159.6	0.003	mg/L	0.0004	0.003	mg/L	0.0004	13.07%
Zn 206.200	342.1	0.018	mg/L	0.0011	0.018	mg/L	0.0011	6.18%
Zn 213.857	2043.5	0.020	mg/L	0.0005	0.020	mg/L	0.0005	2.49%

Sequence No.: 11
Sample ID: prep blk
Analyst:
Nebulizer Back Pressure: 342.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 12
Date Collected: 7/16/02 11:04:01 AM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: prep blk

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	-145.8	37.1	0.007	mg/L	0.007	mg/L	11:05:4[illegible]
1	Ag 338.289	-83.3	-54.4	0.006	mg/L	0.006	mg/L	11:05:45
1	Al 308.215	38695.9	2516.9	0.068	mg/L	0.068	mg/L	11:05:40
1	Al 396.153	84.2	-51.1	0.010	mg/L	0.010	mg/L	11:05:40

1	As 188.979	18.0	5.9	0.013 mg/L	0.013 mg/L	11:05:45
1	As 193.696	-19.8	3.3	0.015 mg/L	0.015 mg/L	11:05:45
1	B 182.528	5.6	-0.7	-0.009 mg/L	-0.009 mg/L	11:05:45
1	B 249.677	935.7	103.0	0.005 mg/L	0.005 mg/L	11:05:45
1	Ba 233.527	-55.3	14.5	-0.002 mg/L	-0.002 mg/L	11:05:45
1	Be 313.107	155571.8	8995.9	-0.010 mg/L	-0.010 mg/L	11:05:40
1	Be 234.861	-273.5	29.7	-0.011 mg/L	-0.011 mg/L	11:05:45
1	Ca 317.933	4.6	88.9	0.017 mg/L	0.017 mg/L	11:05:40
1	Cd 228.802	1.5	4.2	0.000 mg/L	0.000 mg/L	11:05:45
1	Cd 214.440	258.1	7.3	-0.007 mg/L	-0.007 mg/L	11:05:45
1	Co 228.616	-89.5	27.7	0.013 mg/L	0.013 mg/L	11:05:45
1	Cr 205.560	-29.6	3.3	0.000 mg/L	0.000 mg/L	11:05:45
1	Cr 267.716	109.5	-62.9	-0.002 mg/L	-0.002 mg/L	11:05:45
1	Cu 327.393	-13492.7	-1076.5	0.005 mg/L	0.005 mg/L	11:05:40
1	Cu 324.752	15306.9	623.3	0.012 mg/L	0.012 mg/L	11:05:40
1	Fe 273.955	8.3	4.6	-0.020 mg/L	-0.020 mg/L	11:05:45
1	Fe 259.939	200.5	168.1	-0.017 mg/L	-0.017 mg/L	11:05:45
1	Fe 238.204	218.9	67.1	-0.021 mg/L	-0.021 mg/L	11:05:45
1	K 766.490	402.6	-227.4	0.285 mg/L	0.285 mg/L	11:05:40
1	K 404.721	-13034.3	423.8	0.000 mg/L	0.000 mg/L	11:05:40
1	Li 670.784	-413.0	93.4	0.023 mg/L	0.023 mg/L	11:05:40
1	Mg 285.213	1157.5	370.0	-0.042 mg/L	-0.042 mg/L	11:05:40
1	Mn 257.610	-30.6	19.1	-0.001 mg/L	-0.001 mg/L	11:05:45
1	Mo 202.031	15.9	-5.0	0.000 mg/L	0.000 mg/L	11:05:45
1	Na 589.592	-892.6	-252.1	-0.086 mg/L	-0.086 mg/L	11:05:40
1	Na 330.237	-932.1	-102.5	-0.118 mg/L	-0.118 mg/L	11:05:45
1	Ni 231.604	118.2	16.5	0.005 mg/L	0.005 mg/L	11:05:45
1	Pb 220.353	18.2	-4.0	0.018 mg/L	0.018 mg/L	11:05:45
1	Pb 217.000	7.2	2.8	0.021 mg/L	0.021 mg/L	11:05:45
1	Sb 206.836	22.8	-4.2	0.006 mg/L	0.006 mg/L	11:05:45
1	Se 196.026	7.0	-5.9	-0.013 mg/L	-0.013 mg/L	11:05:45
1	Se 203.985	-51.4	3.1	0.012 mg/L	0.012 mg/L	11:05:45
1	Si 251.611	524.0	-71.5	-0.017 mg/L	-0.017 mg/L	11:05:45
1	Ti 334.940	-1063.5	-33.0	0.005 mg/L	0.005 mg/L	11:05:45
1	Tl 276.787	124.6	7.5	0.028 mg/L	0.028 mg/L	11:05:45
1	Tl 190.801	-21.5	1.7	0.045 mg/L	0.045 mg/L	11:05:45
1	V 290.880	11037.1	908.7	0.016 mg/L	0.016 mg/L	11:05:40
1	V 292.402	99.8	-36.0	-0.001 mg/L	-0.001 mg/L	11:05:45
1	Zn 206.200	5.2	-0.8	-0.049 mg/L	-0.049 mg/L	11:05:45
1	Zn 213.857	274.9	-12.7	-0.048 mg/L	-0.048 mg/L	11:05:45
2	Ag 328.068	-175.8	7.2	0.007 mg/L	0.007 mg/L	11:05:52
2	Ag 338.289	-62.2	-33.3	0.007 mg/L	0.007 mg/L	11:05:52
2	Al 308.215	39495.3	3316.3	0.133 mg/L	0.133 mg/L	11:05:46
2	Al 396.153	-38.3	-173.6	-0.073 mg/L	-0.073 mg/L	11:05:46
2	As 188.979	-0.8	-12.9	-0.022 mg/L	-0.022 mg/L	11:05:52
2	As 193.696	-12.4	10.7	0.026 mg/L	0.026 mg/L	11:05:52
2	B 182.528	11.4	5.2	0.008 mg/L	0.008 mg/L	11:05:52
2	B 249.677	929.0	96.3	0.005 mg/L	0.005 mg/L	11:05:52
2	Ba 233.527	-52.1	17.7	-0.002 mg/L	-0.002 mg/L	11:05:52
2	Be 313.107	158417.5	11841.6	-0.008 mg/L	-0.008 mg/L	11:05:46
2	Be 234.861	-269.6	33.6	-0.011 mg/L	-0.011 mg/L	11:05:52
2	Ca 317.933	-109.8	-25.5	0.011 mg/L	0.011 mg/L	11:05:46
2	Cd 228.802	4.6	7.2	0.001 mg/L	0.001 mg/L	11:05:52
2	Cd 214.440	235.8	-14.9	-0.009 mg/L	-0.009 mg/L	11:05:52
2	Co 228.616	-107.1	10.1	0.009 mg/L	0.009 mg/L	11:05:52
2	Cr 205.560	-42.8	-9.9	-0.002 mg/L	-0.002 mg/L	11:05:52
2	Cr 267.716	154.5	-17.9	0.000 mg/L	0.000 mg/L	11:05:52
2	Cu 327.393	-13838.6	-1422.4	0.003 mg/L	0.003 mg/L	11:05:46
2	Cu 324.752	15337.9	654.3	0.012 mg/L	0.012 mg/L	11:05:46
2	Fe 273.955	14.7	11.1	-0.018 mg/L	-0.018 mg/L	11:05:52
2	Fe 259.939	164.7	132.3	-0.019 mg/L	-0.019 mg/L	11:05:52
2	Fe 238.204	219.2	67.4	-0.021 mg/L	-0.021 mg/L	11:05:52
2	K 766.490	505.8	-124.2	0.287 mg/L	0.287 mg/L	11:05:46
2	K 404.721	-13135.2	322.9	0.000 mg/L	0.000 mg/L	11:05:46
2	Li 670.784	-822.8	-316.3	0.023 mg/L	0.023 mg/L	11:05:46
2	Mg 285.213	965.7	178.1	-0.043 mg/L	-0.043 mg/L	11:05:46
2	Mn 257.610	-41.8	7.9	-0.001 mg/L	-0.001 mg/L	11:05:52
2	Mo 202.031	2.7	-18.2	-0.004 mg/L	-0.004 mg/L	11:05:52
2	Na 589.592	-627.1	13.4	0.046 mg/L	0.046 mg/L	11:05:46
2	Na 330.237	-885.0	-55.4	-0.088 mg/L	-0.088 mg/L	11:05:52
2	Ni 231.604	110.3	8.6	0.004 mg/L	0.004 mg/L	11:05:52
2	Pb 220.353	20.1	-2.1	0.019 mg/L	0.019 mg/L	11:05:52
2	Pb 217.000	11.0	6.6	0.026 mg/L	0.026 mg/L	11:05:52

2	Sb 206.836	22.9	-4.1	0.006 mg/L	0.006 mg/L	11:05:52
2	Se 196.026	12.9	0.0	-0.004 mg/L	-0.004 mg/L	11:05:52
2	Se 203.985	-68.7	-14.3	-0.005 mg/L	-0.005 mg/L	11:05:52
2	Si 251.611	552.7	-42.8	-0.015 mg/L	-0.015 mg/L	11:05:5
2	Ti 334.940	-1061.3	-30.9	0.005 mg/L	0.005 mg/L	11:05:52
2	Tl 276.787	139.6	22.5	0.039 mg/L	0.039 mg/L	11:05:52
2	Tl 190.801	-21.0	2.2	0.047 mg/L	0.047 mg/L	11:05:52
2	V 290.880	11321.6	1193.1	0.030 mg/L	0.030 mg/L	11:05:46
2	V 292.402	151.2	15.4	0.000 mg/L	0.000 mg/L	11:05:52
2	Zn 206.200	0.5	-5.5	-0.050 mg/L	-0.050 mg/L	11:05:52
2	Zn 213.857	279.4	-8.1	-0.048 mg/L	-0.048 mg/L	11:05:52
3	Ag 328.068	-231.7	-48.7	0.007 mg/L	0.007 mg/L	11:05:58
3	Ag 338.289	-58.9	-30.0	0.007 mg/L	0.007 mg/L	11:05:58
3	Al 308.215	39124.7	2945.7	0.103 mg/L	0.103 mg/L	11:05:53
3	Al 396.153	141.4	6.1	0.048 mg/L	0.048 mg/L	11:05:53
3	As 188.979	5.5	-6.6	-0.010 mg/L	-0.010 mg/L	11:05:58
3	As 193.696	-16.9	6.2	0.019 mg/L	0.019 mg/L	11:05:58
3	B 182.528	9.4	3.2	0.002 mg/L	0.002 mg/L	11:05:58
3	B 249.677	908.7	76.0	0.004 mg/L	0.004 mg/L	11:05:58
3	Ba 233.527	-65.5	4.3	-0.003 mg/L	-0.003 mg/L	11:05:58
3	Be 313.107	156662.4	10086.5	-0.009 mg/L	-0.009 mg/L	11:05:53
3	Be 234.861	-292.8	10.4	-0.012 mg/L	-0.012 mg/L	11:05:58
3	Ca 317.933	-139.1	-54.8	0.010 mg/L	0.010 mg/L	11:05:53
3	Cd 228.802	7.6	10.2	0.001 mg/L	0.001 mg/L	11:05:58
3	Cd 214.440	257.2	6.5	-0.007 mg/L	-0.007 mg/L	11:05:58
3	Co 228.616	-98.1	19.0	0.011 mg/L	0.011 mg/L	11:05:58
3	Cr 205.560	-34.9	-2.0	-0.001 mg/L	-0.001 mg/L	11:05:58
3	Cr 267.716	101.8	-70.7	-0.002 mg/L	-0.002 mg/L	11:05:58
3	Cu 327.393	-13532.2	-1116.0	0.005 mg/L	0.005 mg/L	11:05:53
3	Cu 324.752	15121.0	437.3	0.011 mg/L	0.011 mg/L	11:05:53
3	Fe 273.955	7.0	3.3	-0.020 mg/L	-0.020 mg/L	11:05:58
3	Fe 259.939	143.0	110.7	-0.020 mg/L	-0.020 mg/L	11:05:58
3	Fe 238.204	199.1	47.2	-0.022 mg/L	-0.022 mg/L	11:05:58
3	K 766.490	476.0	-154.0	0.287 mg/L	0.287 mg/L	11:05:53
3	K 404.721	-13096.3	361.8	0.000 mg/L	0.000 mg/L	11:05:53
3	Li 670.784	-366.7	139.8	0.023 mg/L	0.023 mg/L	11:05:53
3	Mg 285.213	864.2	76.6	-0.043 mg/L	-0.043 mg/L	11:05:5
3	Mn 257.610	-39.0	10.7	-0.001 mg/L	-0.001 mg/L	11:05:58
3	Mo 202.031	21.1	0.2	0.001 mg/L	0.001 mg/L	11:05:58
3	Na 589.592	-645.9	-5.4	0.037 mg/L	0.037 mg/L	11:05:53
3	Na 330.237	-929.5	-99.9	-0.117 mg/L	-0.117 mg/L	11:05:58
3	Ni 231.604	89.5	-12.2	0.001 mg/L	0.001 mg/L	11:05:58
3	Pb 220.353	17.8	-4.4	0.018 mg/L	0.018 mg/L	11:05:58
3	Pb 217.000	-3.9	-8.2	0.008 mg/L	0.008 mg/L	11:05:58
3	Sb 206.836	27.0	0.0	0.009 mg/L	0.009 mg/L	11:05:58
3	Se 196.026	2.8	-10.0	-0.019 mg/L	-0.019 mg/L	11:05:58
3	Se 203.985	-52.5	1.9	0.011 mg/L	0.011 mg/L	11:05:58
3	Si 251.611	565.3	-30.2	-0.015 mg/L	-0.015 mg/L	11:05:58
3	Ti 334.940	-1084.0	-53.5	0.004 mg/L	0.004 mg/L	11:05:58
3	Tl 276.787	140.7	23.6	0.040 mg/L	0.040 mg/L	11:05:58
3	Tl 190.801	-13.2	10.0	0.075 mg/L	0.075 mg/L	11:05:58
3	V 290.880	11162.0	1033.6	0.022 mg/L	0.022 mg/L	11:05:53
3	V 292.402	159.2	23.3	0.000 mg/L	0.000 mg/L	11:05:58
3	Zn 206.200	19.1	13.1	-0.046 mg/L	-0.046 mg/L	11:05:58
3	Zn 213.857	286.7	-0.9	-0.047 mg/L	-0.047 mg/L	11:05:58

Mean Data: prep blk

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-1.5	0.007	mg/L	0.0004	0.007	mg/L	0.0004	5.29%
Ag 338.289	-39.2	0.006	mg/L	0.0003	0.006	mg/L	0.0003	4.94%
Al 308.215	2926.3	0.102	mg/L	0.0324	0.102	mg/L	0.0324	31.90%
Al 396.153	-72.9	-0.005	mg/L	0.0617	-0.005	mg/L	0.0617	>999.9%
As 188.979	-4.5	-0.006	mg/L	0.0178	-0.006	mg/L	0.0178	288.39%
As 193.696	6.8	0.020	mg/L	0.0051	0.020	mg/L	0.0051	25.28%
B 182.528	2.5	0.000	mg/L	0.0085	0.000	mg/L	0.0085	>999.9%
B 249.677	91.8	0.004	mg/L	0.0007	0.004	mg/L	0.0007	15.64%
Ba 233.527	12.2	-0.003	mg/L	0.0007	-0.003	mg/L	0.0007	24.84%
Be 313.107	10308.0	-0.009	mg/L	0.0010	-0.009	mg/L	0.0010	11.12
Be 234.861	24.6	-0.012	mg/L	0.0000	-0.012	mg/L	0.0000	0.38%
Ca 317.933	2.8	0.013	mg/L	0.0040	0.013	mg/L	0.0040	31.95%
Cd 228.802	7.2	0.001	mg/L	0.0004	0.001	mg/L	0.0004	53.25%

Cd 214.440	-0.3	-0.007 mg/L	0.0010	-0.007 mg/L	0.0010	13.51%
Co 228.616	18.9	0.011 mg/L	0.0017	0.011 mg/L	0.0017	15.60%
Cr 205.560	-2.9	-0.001 mg/L	0.0011	-0.001 mg/L	0.0011	95.67%
Cr 267.716	-50.5	-0.001 mg/L	0.0012	-0.001 mg/L	0.0012	93.63%
Cu 327.393	-1205.0	0.004 mg/L	0.0011	0.004 mg/L	0.0011	24.63%
Cu 324.752	571.6	0.012 mg/L	0.0004	0.012 mg/L	0.0004	3.09%
Fe 273.955	6.3	-0.019 mg/L	0.0014	-0.019 mg/L	0.0014	6.96%
Fe 259.939	137.0	-0.019 mg/L	0.0010	-0.019 mg/L	0.0010	5.60%
Fe 238.204	60.6	-0.021 mg/L	0.0007	-0.021 mg/L	0.0007	3.56%
K 766.490	-168.6	0.286 mg/L	0.0010	0.286 mg/L	0.0010	0.36%
K 404.721	369.5	0.000 mg/L	0.0000	0.000 mg/L	0.0000	0.00%
Li 670.784	-27.7	0.023 mg/L	0.0002	0.023 mg/L	0.0002	0.86%
Mg 285.213	208.2	-0.043 mg/L	0.0007	-0.043 mg/L	0.0007	1.57%
Mn 257.610	12.6	-0.001 mg/L	0.0001	-0.001 mg/L	0.0001	6.57%
Mo 202.031	-7.7	-0.001 mg/L	0.0027	-0.001 mg/L	0.0027	261.23%
Na 589.592	-81.3	-0.001 mg/L	0.0737	-0.001 mg/L	0.0737	>999.9%
Na 330.237	-85.9	-0.108 mg/L	0.0171	-0.108 mg/L	0.0171	15.88%
Ni 231.604	4.3	0.004 mg/L	0.0021	0.004 mg/L	0.0021	57.46%
Pb 220.353	-3.5	0.018 mg/L	0.0007	0.018 mg/L	0.0007	3.60%
Pb 217.000	0.4	0.018 mg/L	0.0093	0.018 mg/L	0.0093	50.76%
Sb 206.836	-2.7	0.007 mg/L	0.0016	0.007 mg/L	0.0016	22.51%
Se 196.026	-5.3	-0.012 mg/L	0.0072	-0.012 mg/L	0.0072	59.90%
Se 203.985	-3.1	0.006 mg/L	0.0098	0.006 mg/L	0.0098	161.01%
Si 251.611	-48.2	-0.016 mg/L	0.0011	-0.016 mg/L	0.0011	6.89%
Ti 334.940	-39.1	0.004 mg/L	0.0001	0.004 mg/L	0.0001	1.77%
Tl 276.787	17.9	0.036 mg/L	0.0063	0.036 mg/L	0.0063	17.56%
Tl 190.801	4.6	0.056 mg/L	0.0168	0.056 mg/L	0.0168	30.13%
V 290.880	1045.1	0.023 mg/L	0.0070	0.023 mg/L	0.0070	30.56%
V 292.402	0.9	-0.001 mg/L	0.0008	-0.001 mg/L	0.0008	131.90%
Zn 206.200	2.2	-0.048 mg/L	0.0019	-0.048 mg/L	0.0019	3.92%
Zn 213.857	-7.2	-0.048 mg/L	0.0002	-0.048 mg/L	0.0002	0.42%

==========

Sequence No.: 12
Sample ID: lcs
Analyst:
Nebulizer Back Pressure: 341.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 13
Date Collected: 7/16/02 11:06:37 AM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: lcs

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	53717.1	53900.1	0.465	mg/L	0.465	mg/L	11:08:18
1	Ag 338.289	19099.9	19128.9	0.471	mg/L	0.471	mg/L	11:08:18
1	Al 308.215	45205.0	9026.0	0.595	mg/L	0.595	mg/L	11:08:18
1	Al 396.153	765.7	630.5	0.467	mg/L	0.467	mg/L	11:08:18
1	As 188.979	245.2	233.1	0.434	mg/L	0.434	mg/L	11:08:23
1	As 193.696	312.1	335.2	0.470	mg/L	0.470	mg/L	11:08:23
1	B 182.528	176.8	170.5	0.481	mg/L	0.481	mg/L	11:08:23
1	B 249.677	10589.3	9756.6	0.465	mg/L	0.465	mg/L	11:08:18
1	Ba 233.527	4899.5	4969.4	0.466	mg/L	0.466	mg/L	11:08:23
1	Be 313.107	862400.4	715824.5	0.477	mg/L	0.477	mg/L	11:08:17
1	Be 234.861	140969.1	141272.3	0.491	mg/L	0.491	mg/L	11:08:18
1	Ca 317.933	8175.4	8259.7	0.450	mg/L	0.450	mg/L	11:08:18
1	Cd 228.802	3920.9	3923.6	0.462	mg/L	0.462	mg/L	11:08:23
1	Cd 214.440	6234.7	5984.0	0.467	mg/L	0.467	mg/L	11:08:23
1	Co 228.616	2200.7	2317.9	0.456	mg/L	0.456	mg/L	11:08:23
1	Cr 205.560	2687.7	2720.6	0.462	mg/L	0.462	mg/L	11:08:23
1	Cr 267.716	10457.4	10284.9	0.452	mg/L	0.452	mg/L	11:08:23
1	Cu 327.393	66036.8	78453.0	0.469	mg/L	0.469	mg/L	11:08:18
1	Cu 324.752	165700.4	151016.8	0.476	mg/L	0.476	mg/L	11:08:18
1	Fe 273.955	1413.4	1409.8	0.438	mg/L	0.438	mg/L	11:08:23
1	Fe 259.939	12944.7	12912.4	0.439	mg/L	0.439	mg/L	11:08:23
1	Fe 238.204	7265.3	7113.5	0.436	mg/L	0.436	mg/L	11:08:23
1	K 766.490	185213.7	184583.7	3.88	mg/L	3.88	mg/L	11:08:17
1	K 404.721	-13132.4	325.7	0.000	mg/L	0.000	mg/L	11:08:18
1	Li 670.784	505479.5	505986.0	0.428	mg/L	0.428	mg/L	11:08:17
1	Mg 285.213	105967.9	105180.4	0.428	mg/L	0.428	mg/L	11:08:18
1	Mn 257.610	44903.3	44953.0	0.475	mg/L	0.475	mg/L	11:08:18
1	Mo 202.031	1573.6	1552.7	0.448	mg/L	0.448	mg/L	11:08:23
1	Na 589.592	-58.9	581.6	0.329	mg/L	0.329	mg/L	11:08:17

1	Na 330.237	-50.5	779.1	0.451 mg/L	0.451 mg/L	11:08:23
1	Ni 231.604	3263.9	3162.1	0.453 mg/L	0.453 mg/L	11:08:23
1	Pb 220.353	818.4	796.2	0.444 mg/L	0.444 mg/L	11:08:2[illegible]
1	Pb 217.000	370.8	366.4	0.458 mg/L	0.458 mg/L	11:08:2[illegible]
1	Sb 206.836	696.2	669.2	0.447 mg/L	0.447 mg/L	11:08:23
1	Se 196.026	347.5	334.7	0.472 mg/L	0.472 mg/L	11:08:23
1	Se 203.985	398.0	452.5	0.465 mg/L	0.465 mg/L	11:08:23
1	Si 251.611	5335.8	4740.3	0.226 mg/L	0.226 mg/L	11:08:23
1	Ti 334.940	73001.7	74032.1	0.474 mg/L	0.474 mg/L	11:08:18
1	Tl 276.787	726.9	609.8	0.447 mg/L	0.447 mg/L	11:08:23
1	Tl 190.801	93.6	116.8	0.462 mg/L	0.462 mg/L	11:08:23
1	V 290.880	20909.2	10780.8	0.503 mg/L	0.503 mg/L	11:08:18
1	V 292.402	20238.4	20102.5	0.472 mg/L	0.472 mg/L	11:08:18
1	Zn 206.200	2786.5	2780.5	0.498 mg/L	0.498 mg/L	11:08:23
1	Zn 213.857	17254.3	16966.8	0.515 mg/L	0.515 mg/L	11:08:18
2	Ag 328.068	53263.6	53446.6	0.461 mg/L	0.461 mg/L	11:08:26
2	Ag 338.289	18820.7	18849.6	0.464 mg/L	0.464 mg/L	11:08:26
2	Al 308.215	44748.5	8569.5	0.558 mg/L	0.558 mg/L	11:08:26
2	Al 396.153	720.4	585.1	0.437 mg/L	0.437 mg/L	11:08:26
2	As 188.979	247.0	234.9	0.438 mg/L	0.438 mg/L	11:08:31
2	As 193.696	313.2	336.4	0.471 mg/L	0.471 mg/L	11:08:31
2	B 182.528	177.3	171.1	0.482 mg/L	0.482 mg/L	11:08:31
2	B 249.677	10505.1	9672.4	0.461 mg/L	0.461 mg/L	11:08:26
2	Ba 233.527	4961.1	5030.9	0.471 mg/L	0.471 mg/L	11:08:31
2	Be 313.107	869897.9	723322.0	0.482 mg/L	0.482 mg/L	11:08:25
2	Be 234.861	139102.9	139406.1	0.485 mg/L	0.485 mg/L	11:08:26
2	Ca 317.933	7930.2	8014.5	0.437 mg/L	0.437 mg/L	11:08:26
2	Cd 228.802	3957.8	3960.5	0.467 mg/L	0.467 mg/L	11:08:31
2	Cd 214.440	6334.4	6083.7	0.475 mg/L	0.475 mg/L	11:08:31
2	Co 228.616	2203.6	2320.7	0.456 mg/L	0.456 mg/L	11:08:31
2	Cr 205.560	2724.7	2757.6	0.468 mg/L	0.468 mg/L	11:08:31
2	Cr 267.716	10633.0	10460.5	0.460 mg/L	0.460 mg/L	11:08:31
2	Cu 327.393	65296.5	77712.7	0.465 mg/L	0.465 mg/L	11:08:26
2	Cu 324.752	163816.3	149132.7	0.470 mg/L	0.470 mg/L	11:08:26
2	Fe 273.955	1422.7	1419.1	0.441 mg/L	0.441 mg/L	11:08:31
2	Fe 259.939	13039.2	13006.8	0.442 mg/L	0.442 mg/L	11:08:[illegible]
2	Fe 238.204	7359.0	7207.2	0.442 mg/L	0.442 mg/L	11:08:[illegible]
2	K 766.490	191283.7	190653.7	4.00 mg/L	4.00 mg/L	11:08:25
2	K 404.721	-13127.5	330.6	0.000 mg/L	0.000 mg/L	11:08:26
2	Li 670.784	524818.9	525325.4	0.443 mg/L	0.443 mg/L	11:08:25
2	Mg 285.213	104850.5	104062.9	0.423 mg/L	0.423 mg/L	11:08:26
2	Mn 257.610	44494.0	44543.7	0.471 mg/L	0.471 mg/L	11:08:26
2	Mo 202.031	1569.5	1548.6	0.447 mg/L	0.447 mg/L	11:08:31
2	Na 589.592	136.4	776.9	0.426 mg/L	0.426 mg/L	11:08:25
2	Na 330.237	-35.7	794.0	0.460 mg/L	0.460 mg/L	11:08:31
2	Ni 231.604	3311.4	3209.7	0.460 mg/L	0.460 mg/L	11:08:31
2	Pb 220.353	811.7	789.5	0.440 mg/L	0.440 mg/L	11:08:31
2	Pb 217.000	375.5	371.1	0.464 mg/L	0.464 mg/L	11:08:31
2	Sb 206.836	702.0	675.0	0.451 mg/L	0.451 mg/L	11:08:31
2	Se 196.026	338.0	325.2	0.459 mg/L	0.459 mg/L	11:08:31
2	Se 203.985	389.6	444.1	0.456 mg/L	0.456 mg/L	11:08:31
2	Si 251.611	5429.6	4834.1	0.231 mg/L	0.231 mg/L	11:08:31
2	Ti 334.940	72310.8	73341.2	0.469 mg/L	0.469 mg/L	11:08:26
2	Tl 276.787	736.1	619.0	0.454 mg/L	0.454 mg/L	11:08:31
2	Tl 190.801	84.5	107.7	0.429 mg/L	0.429 mg/L	11:08:31
2	V 290.880	20712.5	10584.1	0.493 mg/L	0.493 mg/L	11:08:26
2	V 292.402	20086.5	19950.6	0.469 mg/L	0.469 mg/L	11:08:26
2	Zn 206.200	2818.4	2812.3	0.504 mg/L	0.504 mg/L	11:08:31
2	Zn 213.857	17033.7	16746.1	0.507 mg/L	0.507 mg/L	11:08:26
3	Ag 328.068	53328.5	53511.5	0.462 mg/L	0.462 mg/L	11:08:34
3	Ag 338.289	18865.9	18894.9	0.465 mg/L	0.465 mg/L	11:08:34
3	Al 308.215	44610.5	8431.5	0.547 mg/L	0.547 mg/L	11:08:34
3	Al 396.153	787.9	652.7	0.482 mg/L	0.482 mg/L	11:08:34
3	As 188.979	271.1	259.0	0.482 mg/L	0.482 mg/L	11:08:40
3	As 193.696	311.9	335.1	0.469 mg/L	0.469 mg/L	11:08:40
3	B 182.528	175.6	169.3	0.477 mg/L	0.477 mg/L	11:08:40
3	B 249.677	10487.2	9654.5	0.460 mg/L	0.460 mg/L	11:08:34
3	Ba 233.527	5065.3	5135.1	0.481 mg/L	0.481 mg/L	11:08:[illegible]
3	Be 313.107	876103.1	729527.2	0.487 mg/L	0.487 mg/L	11:08:[illegible]
3	Be 234.861	138684.4	138987.6	0.483 mg/L	0.483 mg/L	11:08:34
3	Ca 317.933	7927.8	8012.1	0.437 mg/L	0.437 mg/L	11:08:34
3	Cd 228.802	3985.9	3988.6	0.470 mg/L	0.470 mg/L	11:08:40
3	Cd 214.440	6430.4	6179.7	0.482 mg/L	0.482 mg/L	11:08:40

3	Co 228.616	2256.5	2373.7	0.466 mg/L	0.466 mg/L	11:08:40
3	Cr 205.560	2772.4	2805.3	0.476 mg/L	0.476 mg/L	11:08:40
3	Cr 267.716	10761.9	10589.4	0.465 mg/L	0.465 mg/L	11:08:40
3	Cu 327.393	65424.4	77840.6	0.466 mg/L	0.466 mg/L	11:08:34
3	Cu 324.752	163282.4	148598.7	0.468 mg/L	0.468 mg/L	11:08:34
3	Fe 273.955	1452.4	1448.8	0.450 mg/L	0.450 mg/L	11:08:40
3	Fe 259.939	13244.4	13212.0	0.450 mg/L	0.450 mg/L	11:08:40
3	Fe 238.204	7446.7	7294.9	0.447 mg/L	0.447 mg/L	11:08:40
3	K 766.490	190519.3	189889.2	3.98 mg/L	3.98 mg/L	11:08:33
3	K 404.721	-13158.2	299.9	0.000 mg/L	0.000 mg/L	11:08:34
3	Li 670.784	528463.7	528970.1	0.446 mg/L	0.446 mg/L	11:08:33
3	Mg 285.213	104233.5	103445.9	0.420 mg/L	0.420 mg/L	11:08:34
3	Mn 257.610	44233.2	44282.9	0.468 mg/L	0.468 mg/L	11:08:34
3	Mo 202.031	1626.2	1605.3	0.463 mg/L	0.463 mg/L	11:08:40
3	Na 589.592	72.4	713.0	0.394 mg/L	0.394 mg/L	11:08:33
3	Na 330.237	-68.4	761.3	0.439 mg/L	0.439 mg/L	11:08:40
3	Ni 231.604	3362.2	3260.5	0.467 mg/L	0.467 mg/L	11:08:40
3	Pb 220.353	848.9	826.8	0.460 mg/L	0.460 mg/L	11:08:40
3	Pb 217.000	373.0	368.6	0.461 mg/L	0.461 mg/L	11:08:40
3	Sb 206.836	734.7	707.7	0.472 mg/L	0.472 mg/L	11:08:40
3	Se 196.026	335.6	322.7	0.455 mg/L	0.455 mg/L	11:08:40
3	Se 203.985	404.7	459.2	0.472 mg/L	0.472 mg/L	11:08:40
3	Si 251.611	5485.3	4889.8	0.234 mg/L	0.234 mg/L	11:08:40
3	Ti 334.940	71779.8	72810.3	0.466 mg/L	0.466 mg/L	11:08:34
3	Tl 276.787	737.4	620.3	0.454 mg/L	0.454 mg/L	11:08:40
3	Tl 190.801	82.3	105.6	0.421 mg/L	0.421 mg/L	11:08:40
3	V 290.880	20514.6	10386.1	0.483 mg/L	0.483 mg/L	11:08:34
3	V 292.402	20054.7	19918.8	0.468 mg/L	0.468 mg/L	11:08:34
3	Zn 206.200	2871.4	2865.4	0.514 mg/L	0.514 mg/L	11:08:40
3	Zn 213.857	17009.9	16722.3	0.506 mg/L	0.506 mg/L	11:08:34

Mean Data: lcs

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	53619.4	0.463	mg/L	0.0021	0.463	mg/L	0.0021	0.45%
Ag 338.289	18957.8	0.467	mg/L	0.0036	0.467	mg/L	0.0036	0.78%
Al 308.215	8675.7	0.567	mg/L	0.0252	0.567	mg/L	0.0252	4.44%
Al 396.153	622.8	0.462	mg/L	0.0231	0.462	mg/L	0.0231	5.00%
As 188.979	242.3	0.451	mg/L	0.0268	0.451	mg/L	0.0268	5.93%
As 193.696	335.6	0.470	mg/L	0.0010	0.470	mg/L	0.0010	0.21%
B 182.528	170.3	0.480	mg/L	0.0025	0.480	mg/L	0.0025	0.53%
B 249.677	9694.5	0.462	mg/L	0.0026	0.462	mg/L	0.0026	0.56%
Ba 233.527	5045.1	0.473	mg/L	0.0079	0.473	mg/L	0.0079	1.67%
Be 313.107	722891.2	0.482	mg/L	0.0047	0.482	mg/L	0.0047	0.98%
Be 234.861	139888.7	0.486	mg/L	0.0043	0.486	mg/L	0.0043	0.89%
Ca 317.933	8095.4	0.442	mg/L	0.0075	0.442	mg/L	0.0075	1.71%
Cd 228.802	3957.5	0.466	mg/L	0.0038	0.466	mg/L	0.0038	0.82%
Cd 214.440	6082.4	0.475	mg/L	0.0078	0.475	mg/L	0.0078	1.63%
Co 228.616	2337.4	0.459	mg/L	0.0061	0.459	mg/L	0.0061	1.32%
Cr 205.560	2761.2	0.469	mg/L	0.0072	0.469	mg/L	0.0072	1.54%
Cr 267.716	10444.9	0.459	mg/L	0.0067	0.459	mg/L	0.0067	1.46%
Cu 327.393	78002.1	0.467	mg/L	0.0023	0.467	mg/L	0.0023	0.49%
Cu 324.752	149582.7	0.471	mg/L	0.0039	0.471	mg/L	0.0039	0.83%
Fe 273.955	1425.9	0.443	mg/L	0.0066	0.443	mg/L	0.0066	1.50%
Fe 259.939	13043.7	0.444	mg/L	0.0055	0.444	mg/L	0.0055	1.24%
Fe 238.204	7205.2	0.441	mg/L	0.0059	0.441	mg/L	0.0059	1.33%
K 766.490	188375.5	3.95	mg/L	0.064	3.95	mg/L	0.064	1.63%
K 404.721	318.7	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	520093.8	0.439	mg/L	0.0099	0.439	mg/L	0.0099	2.25%
Mg 285.213	104229.7	0.423	mg/L	0.0039	0.423	mg/L	0.0039	0.93%
Mn 257.610	44593.2	0.472	mg/L	0.0036	0.472	mg/L	0.0036	0.76%
Mo 202.031	1568.9	0.452	mg/L	0.0091	0.452	mg/L	0.0091	2.01%
Na 589.592	690.5	0.383	mg/L	0.0495	0.383	mg/L	0.0495	12.94%
Na 330.237	778.1	0.450	mg/L	0.0106	0.450	mg/L	0.0106	2.35%
Ni 231.604	3210.8	0.460	mg/L	0.0070	0.460	mg/L	0.0070	1.52%
Pb 220.353	804.2	0.448	mg/L	0.0106	0.448	mg/L	0.0106	2.36%
Pb 217.000	368.7	0.461	mg/L	0.0028	0.461	mg/L	0.0028	0.61%
Sb 206.836	684.0	0.457	mg/L	0.0136	0.457	mg/L	0.0136	2.98%
Se 196.026	327.5	0.462	mg/L	0.0090	0.462	mg/L	0.0090	1.95%
Se 203.985	451.9	0.464	mg/L	0.0076	0.464	mg/L	0.0076	1.64%
Si 251.611	4821.4	0.231	mg/L	0.0038	0.231	mg/L	0.0038	1.66%
Ti 334.940	73394.5	0.470	mg/L	0.0039	0.470	mg/L	0.0039	0.83%

Tl 276.787	616.3	0.452 mg/L	0.0040	0.452 mg/L	0.0040	0.88%
Tl 190.801	110.0	0.437 mg/L	0.0215	0.437 mg/L	0.0215	4.93%
V 290.880	10583.7	0.493 mg/L	0.0097	0.493 mg/L	0.0097	1.97%
V 292.402	19990.6	0.470 mg/L	0.0023	0.470 mg/L	0.0023	0.49
Zn 206.200	2819.4	0.505 mg/L	0.0084	0.505 mg/L	0.0084	1.67%
Zn 213.857	16811.8	0.509 mg/L	0.0045	0.509 mg/L	0.0045	0.88%

Sequence No.: 13 **Autosampler Location: 14**
Sample ID: M02070472-01A **Date Collected: 7/16/02 11:09:18 AM**
Analyst:
Nebulizer Back Pressure: 342.0 kPa **Nebulizer Flow: 0.85 L/min**
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Replicate Data: M02070472-01A

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	Ag 328.068	-257.6	-74.6	0.006	mg/L	0.006	mg/L	11:11:06
1	Ag 338.289	-1.7	27.3	0.008	mg/L	0.008	mg/L	11:11:06
1	Al 308.215	51887.4	15708.4	1.14	mg/L	1.14	mg/L	11:11:00
1	Al 396.153	2324.0	2188.7	1.51	mg/L	1.51	mg/L	11:11:00
1	As 188.979	203.9	191.8	0.358	mg/L	0.358	mg/L	11:11:06
1	As 193.696	-84.8	-61.7	-0.074	mg/L	-0.074	mg/L	11:11:06
1	B 182.528	2946.8	2940.5	8.40	mg/L	8.40	mg/L	11:11:00
1	B 249.677	234104.2	233271.5	11.1	mg/L	11.1	mg/L	11:10:59
1	Ba 233.527	1255.0	1324.8	0.121	mg/L	0.121	mg/L	11:11:06
1	Be 313.107	150347.5	3771.6	-0.013	mg/L	-0.013	mg/L	11:11:00
1	Be 234.861	-4983.6	-4680.4	-0.028	mg/L	-0.028	mg/L	11:11:06
1	Ca 317.933	475853.8	475938.1	25.2	mg/L	25.2	mg/L	11:10:59
1	Cd 228.802	20.0	22.7	0.002	mg/L	0.002	mg/L	11:11:06
1	Cd 214.440	222.6	-28.1	-0.010	mg/L	-0.010	mg/L	11:11:06
1	Co 228.616	-92.2	25.0	0.012	mg/L	0.012	mg/L	11:11:06
1	Cr 205.560	942.0	974.9	0.165	mg/L	0.165	mg/L	11:11:06
1	Cr 267.716	3997.5	3825.0	0.169	mg/L	0.169	mg/L	11:11:06
1	Cu 327.393	2451.7	14867.9	0.098	mg/L	0.098	mg/L	11:11:[illegible]
1	Cu 324.752	47012.7	32329.1	0.110	mg/L	0.110	mg/L	11:11:00
1	Fe 273.955	7833.5	7829.8	2.53	mg/L	2.53	mg/L	11:11:06
1	Fe 259.939	56838.4	56806.1	2.01	mg/L	2.01	mg/L	11:11:00
1	Fe 238.204	34324.4	34172.5	2.19	mg/L	2.19	mg/L	11:11:00
1	K 766.490	Saturated3	Saturated3					11:11:06
Saturated in preshot (code 3)								
1	K 404.721	15689.7	29147.8	0.000	mg/L	0.000	mg/L	11:10:59
1	Li 670.784	469263.7	469770.1	0.399	mg/L	0.399	mg/L	11:10:59
1	Mg 285.213	3377769.5	3376982.0	15.1	mg/L	15.1	mg/L	11:10:59
1	Mn 257.610	120601.3	120651.0	1.28	mg/L	1.28	mg/L	11:11:00
1	Mo 202.031	1529.7	1508.8	0.435	mg/L	0.435	mg/L	11:11:06
1	Na 589.592	Saturated3	Saturated3					11:11:06
Saturated in preshot (code 3)								
1	Na 330.237	2893068.6	2893898.3	1870	mg/L	1870	mg/L	11:10:59
1	Ni 231.604	358.4	256.6	0.040	mg/L	0.040	mg/L	11:11:06
1	Pb 220.353	59.7	37.6	0.040	mg/L	0.040	mg/L	11:11:06
1	Pb 217.000	-84.2	-88.6	-0.089	mg/L	-0.089	mg/L	11:11:06
1	Sb 206.836	-34.8	-61.7	-0.032	mg/L	-0.032	mg/L	11:11:06
1	Se 196.026	120.1	107.3	0.148	mg/L	0.148	mg/L	11:11:06
1	Se 203.985	-251.7	-197.2	-0.189	mg/L	-0.189	mg/L	11:11:06
1	Si 251.611	104863.0	104267.5	5.26	mg/L	5.26	mg/L	11:11:00
1	Ti 334.940	-578.1	452.4	0.008	mg/L	0.008	mg/L	11:11:06
1	Tl 276.787	264.1	147.0	0.125	mg/L	0.125	mg/L	11:11:06
1	Tl 190.801	-159.0	-135.8	-0.452	mg/L	-0.452	mg/L	11:11:06
1	V 290.880	10592.9	464.5	-0.006	mg/L	-0.006	mg/L	11:11:00
1	V 292.402	166.2	30.3	0.000	mg/L	0.000	mg/L	11:11:06
1	Zn 206.200	2027.2	2021.1	0.348	mg/L	0.348	mg/L	11:11:06
1	Zn 213.857	17425.4	17137.9	0.520	mg/L	0.520	mg/L	11:11:00
2	Ag 328.068	-211.0	-28.1	0.007	mg/L	0.007	mg/L	11:11:14
2	Ag 338.289	-58.8	-29.8	0.007	mg/L	0.007	mg/L	11:11:14
2	Al 308.215	53437.3	17258.3	1.26	mg/L	1.26	mg/L	11:11:09
2	Al 396.153	2335.5	2200.2	1.52	mg/L	1.52	mg/L	11:11:[illegible]
2	As 188.979	204.7	192.6	0.359	mg/L	0.359	mg/L	11:11:[illegible]
2	As 193.696	-71.6	-48.5	-0.055	mg/L	-0.055	mg/L	11:11:14
2	B 182.528	3120.8	3114.6	8.90	mg/L	8.90	mg/L	11:11:09
2	B 249.677	234227.3	233394.6	11.1	mg/L	11.1	mg/L	11:11:08

3	Tl 276.787	107.8	-9.3	0.017 mg/L	0.017 mg/L	11:22:12
3	Tl 190.801	-27.5	-4.2	0.024 mg/L	0.024 mg/L	11:22:12
3	V 290.880	10795.6	667.2	0.004 mg/L	0.004 mg/L	11:22:06
3	V 292.402	128.0	-7.9	-0.001 mg/L	-0.001 mg/L	11:22:12
3	Zn 206.200	6.6	0.5	-0.049 mg/L	-0.049 mg/L	11:22:12
3	Zn 213.857	283.3	-4.2	-0.047 mg/L	-0.047 mg/L	11:22:12

Mean Data: ccb

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-106.5	0.006	mg/L	0.0002	0.006	mg/L	0.0002	2.97%
Ag 338.289	-31.6	0.007	mg/L	0.0005	0.007	mg/L	0.0005	6.97%
Al 308.215	1841.6	0.014	mg/L	0.0306	0.014	mg/L	0.0306	222.68%
Al 396.153	-88.4	-0.015	mg/L	0.0492	-0.015	mg/L	0.0492	320.92%
As 188.979	-9.0	-0.014	mg/L	0.0118	-0.014	mg/L	0.0118	81.61%
As 193.696	2.5	0.014	mg/L	0.0032	0.014	mg/L	0.0032	22.19%
B 182.528	2.6	0.000	mg/L	0.0106	0.000	mg/L	0.0106	>999.9%
B 249.677	251.3	0.012	mg/L	0.0001	0.012	mg/L	0.0001	1.05%
Ba 233.527	4.5	-0.003	mg/L	0.0002	-0.003	mg/L	0.0002	6.64%
Be 313.107	5664.6	-0.012	mg/L	0.0015	-0.012	mg/L	0.0015	12.14%
Be 234.861	8.9	-0.012	mg/L	0.0000	-0.012	mg/L	0.0000	0.10%
Ca 317.933	1307.7	0.082	mg/L	0.0120	0.082	mg/L	0.0120	14.65%
Cd 228.802	2.5	0.000	mg/L	0.0004	0.000	mg/L	0.0004	318.58%
Cd 214.440	5.8	-0.007	mg/L	0.0010	-0.007	mg/L	0.0010	14.96%
Co 228.616	4.1	0.008	mg/L	0.0014	0.008	mg/L	0.0014	17.96%
Cr 205.560	-1.5	-0.001	mg/L	0.0008	-0.001	mg/L	0.0008	81.36%
Cr 267.716	-24.1	0.000	mg/L	0.0010	0.000	mg/L	0.0010	543.05%
Cu 327.393	-517.1	0.008	mg/L	0.0016	0.008	mg/L	0.0016	18.31%
Cu 324.752	629.3	0.012	mg/L	0.0005	0.012	mg/L	0.0005	4.20%
Fe 273.955	19.3	-0.015	mg/L	0.0020	-0.015	mg/L	0.0020	13.32%
Fe 259.939	231.7	-0.015	mg/L	0.0005	-0.015	mg/L	0.0005	3.41%
Fe 238.204	111.3	-0.018	mg/L	0.0001	-0.018	mg/L	0.0001	0.72%
K 766.490	1546.9	0.320	mg/L	0.0045	0.320	mg/L	0.0045	1.42%
K 404.721	237.7	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	-108.6	0.023	mg/L	0.0001	0.023	mg/L	0.0001	0.43%
Mg 285.213	3758.5	-0.027	mg/L	0.0022	-0.027	mg/L	0.0022	8.16%
Mn 257.610	-2.5	-0.001	mg/L	0.0001	-0.001	mg/L	0.0001	10.28%
Mo 202.031	-11.6	-0.002	mg/L	0.0016	-0.002	mg/L	0.0016	74.69%
Na 589.592	-30.4	0.024	mg/L	0.0175	0.024	mg/L	0.0175	72.28%
Na 330.237	-53.9	-0.087	mg/L	0.0045	-0.087	mg/L	0.0045	5.16%
Ni 231.604	5.3	0.004	mg/L	0.0008	0.004	mg/L	0.0008	21.42%
Pb 220.353	2.5	0.022	mg/L	0.0044	0.022	mg/L	0.0044	20.49%
Pb 217.000	2.7	0.021	mg/L	0.0163	0.021	mg/L	0.0163	77.41%
Sb 206.836	4.9	0.012	mg/L	0.0053	0.012	mg/L	0.0053	44.26%
Se 196.026	-3.8	-0.010	mg/L	0.0095	-0.010	mg/L	0.0095	96.34%
Se 203.985	-0.3	0.009	mg/L	0.0068	0.009	mg/L	0.0068	77.03%
Si 251.611	220.6	-0.002	mg/L	0.0007	-0.002	mg/L	0.0007	33.83%
Ti 334.940	-40.4	0.004	mg/L	0.0001	0.004	mg/L	0.0001	2.23%
Tl 276.787	5.9	0.027	mg/L	0.0107	0.027	mg/L	0.0107	39.32%
Tl 190.801	8.5	0.070	mg/L	0.0406	0.070	mg/L	0.0406	57.97%
V 290.880	593.9	0.001	mg/L	0.0032	0.001	mg/L	0.0032	426.98%
V 292.402	-3.0	-0.001	mg/L	0.0001	-0.001	mg/L	0.0001	14.95%
Zn 206.200	-9.9	-0.051	mg/L	0.0023	-0.051	mg/L	0.0023	4.51%
Zn 213.857	-9.7	-0.048	mg/L	0.0002	-0.048	mg/L	0.0002	0.34%

Sequence No.: 18
Sample ID: icv/ccv
Analyst:
Nebulizer Back Pressure: 342.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 7/16/02 11:22:48 AM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: icv/ccv

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	108622.1	108805.0	0.932	mg/L	0.932	mg/L	11:24:32
1	Ag 338.289	38151.3	38180.3	0.932	mg/L	0.932	mg/L	11:24:32
1	Al 308.215	50199.0	14020.0	0.999	mg/L	0.999	mg/L	11:24:32
1	Al 396.153	1560.8	1425.5	1.00	mg/L	1.00	mg/L	11:24:32
1	As 188.979	511.5	499.4	0.928	mg/L	0.928	mg/L	11:24:37

1	As 193.696	655.2	678.4	0.939 mg/L	0.939 mg/L	11:24:37
1	B 182.528	342.4	336.1	0.954 mg/L	0.954 mg/L	11:24:37
1	B 249.677	20590.5	19757.8	0.941 mg/L	0.941 mg/L	11:24:32
1	Ba 233.527	10002.8	10072.6	0.948 mg/L	0.948 mg/L	11:24:3[illegible]
1	Be 313.107	1559774.2	1413198.3	0.958 mg/L	0.958 mg/L	11:24:31
1	Be 234.861	273040.0	273343.2	0.961 mg/L	0.961 mg/L	11:24:32
1	Ca 317.933	19812.4	19896.7	1.07 mg/L	1.07 mg/L	11:24:32
1	Cd 228.802	7952.7	7955.3	0.938 mg/L	0.938 mg/L	11:24:37
1	Cd 214.440	12321.8	12071.1	0.949 mg/L	0.949 mg/L	11:24:37
1	Co 228.616	4657.6	4774.8	0.931 mg/L	0.931 mg/L	11:24:37
1	Cr 205.560	5512.4	5545.3	0.942 mg/L	0.942 mg/L	11:24:37
1	Cr 267.716	21766.6	21594.1	0.948 mg/L	0.948 mg/L	11:24:32
1	Cu 327.393	145199.5	157615.6	0.931 mg/L	0.931 mg/L	11:24:32
1	Cu 324.752	310347.4	295663.8	0.922 mg/L	0.922 mg/L	11:24:32
1	Fe 273.955	3129.7	3126.1	0.997 mg/L	0.997 mg/L	11:24:37
1	Fe 259.939	28539.2	28506.8	0.998 mg/L	0.998 mg/L	11:24:32
1	Fe 238.204	16029.8	15878.0	1.00 mg/L	1.00 mg/L	11:24:32
1	K 766.490	416051.6	415421.6	8.37 mg/L	8.37 mg/L	11:24:31
1	K 404.721	-13353.4	104.7	0.000 mg/L	0.000 mg/L	11:24:32
1	Li 670.784	1177413.4	1177919.9	0.964 mg/L	0.964 mg/L	11:24:29
1	Mg 285.213	222197.8	221410.2	0.948 mg/L	0.948 mg/L	11:24:32
1	Mn 257.610	89518.2	89567.9	0.948 mg/L	0.948 mg/L	11:24:32
1	Mo 202.031	3172.2	3151.4	0.908 mg/L	0.908 mg/L	11:24:37
1	Na 589.592	1984.4	2625.0	1.35 mg/L	1.35 mg/L	11:24:31
1	Na 330.237	624.8	1454.4	0.887 mg/L	0.887 mg/L	11:24:37
1	Ni 231.604	6650.0	6548.3	0.935 mg/L	0.935 mg/L	11:24:37
1	Pb 220.353	1671.5	1649.4	0.897 mg/L	0.897 mg/L	11:24:37
1	Pb 217.000	768.0	763.6	0.936 mg/L	0.936 mg/L	11:24:37
1	Sb 206.836	1400.7	1373.7	0.909 mg/L	0.909 mg/L	11:24:37
1	Se 196.026	681.3	668.4	0.948 mg/L	0.948 mg/L	11:24:37
1	Se 203.985	872.5	926.9	0.943 mg/L	0.943 mg/L	11:24:37
1	Si 251.611	10954.5	10359.0	0.510 mg/L	0.510 mg/L	11:24:32
1	Ti 334.940	144843.9	145874.4	0.929 mg/L	0.929 mg/L	11:24:32
1	Tl 276.787	1416.7	1299.6	0.927 mg/L	0.927 mg/L	11:24:37
1	Tl 190.801	217.5	240.7	0.910 mg/L	0.910 mg/L	11:24:37
1	V 290.880	30116.2	19987.8	0.956 mg/L	0.956 mg/L	11:24:3[illegible]
1	V 292.402	40620.6	40484.7	0.952 mg/L	0.952 mg/L	11:24:3[illegible]
1	Zn 206.200	5140.8	5134.7	0.961 mg/L	0.961 mg/L	11:24:37
1	Zn 213.857	30794.6	30507.0	0.963 mg/L	0.963 mg/L	11:24:32
2	Ag 328.068	106320.0	106503.0	0.913 mg/L	0.913 mg/L	11:24:41
2	Ag 338.289	37465.1	37494.1	0.915 mg/L	0.915 mg/L	11:24:41
2	Al 308.215	50450.8	14271.8	1.02 mg/L	1.02 mg/L	11:24:41
2	Al 396.153	1502.2	1366.9	0.962 mg/L	0.962 mg/L	11:24:41
2	As 188.979	529.7	517.5	0.962 mg/L	0.962 mg/L	11:24:47
2	As 193.696	676.0	699.2	0.968 mg/L	0.968 mg/L	11:24:47
2	B 182.528	349.0	342.7	0.973 mg/L	0.973 mg/L	11:24:47
2	B 249.677	20324.1	19491.4	0.929 mg/L	0.929 mg/L	11:24:41
2	Ba 233.527	10104.8	10174.7	0.957 mg/L	0.957 mg/L	11:24:47
2	Be 313.107	1572673.1	1426097.2	0.966 mg/L	0.966 mg/L	11:24:40
2	Be 234.861	268008.9	268312.1	0.943 mg/L	0.943 mg/L	11:24:41
2	Ca 317.933	18284.2	18368.5	0.986 mg/L	0.986 mg/L	11:24:41
2	Cd 228.802	8056.9	8059.5	0.950 mg/L	0.950 mg/L	11:24:47
2	Cd 214.440	12417.8	12167.0	0.957 mg/L	0.957 mg/L	11:24:47
2	Co 228.616	4777.6	4894.8	0.954 mg/L	0.954 mg/L	11:24:47
2	Cr 205.560	5554.3	5587.2	0.949 mg/L	0.949 mg/L	11:24:47
2	Cr 267.716	21172.0	20999.5	0.922 mg/L	0.922 mg/L	11:24:41
2	Cu 327.393	144022.7	156438.9	0.924 mg/L	0.924 mg/L	11:24:41
2	Cu 324.752	309986.5	295302.8	0.921 mg/L	0.921 mg/L	11:24:41
2	Fe 273.955	3104.5	3100.9	0.988 mg/L	0.988 mg/L	11:24:47
2	Fe 259.939	27786.1	27753.7	0.971 mg/L	0.971 mg/L	11:24:41
2	Fe 238.204	15368.8	15217.0	0.960 mg/L	0.960 mg/L	11:24:41
2	K 766.490	432431.0	431801.0	8.69 mg/L	8.69 mg/L	11:24:40
2	K 404.721	-13092.6	365.5	0.000 mg/L	0.000 mg/L	11:24:41
2	Li 670.784	1244980.2	1245486.6	1.02 mg/L	1.02 mg/L	11:24:39
2	Mg 285.213	217885.5	217097.9	0.929 mg/L	0.929 mg/L	11:24:41
2	Mn 257.610	87559.6	87609.3	0.928 mg/L	0.928 mg/L	11:24:41
2	Mo 202.031	3249.1	3228.3	0.930 mg/L	0.930 mg/L	11:24:47
2	Na 589.592	1915.6	2556.2	1.31 mg/L	1.31 mg/L	11:24:40
2	Na 330.237	700.8	1530.5	0.936 mg/L	0.936 mg/L	11:24:4[illegible]
2	Ni 231.604	6747.9	6646.1	0.949 mg/L	0.949 mg/L	11:24:4[illegible]
2	Pb 220.353	1724.0	1701.9	0.925 mg/L	0.925 mg/L	11:24:47
2	Pb 217.000	756.9	752.6	0.922 mg/L	0.922 mg/L	11:24:47
2	Sb 206.836	1455.9	1428.9	0.945 mg/L	0.945 mg/L	11:24:47

2	Se 196.026	694.1	681.3	0.966 mg/L	0.966 mg/L	11:24:47
2	Se 203.985	885.8	940.2	0.956 mg/L	0.956 mg/L	11:24:47
2	Si 251.611	10763.3	10167.8	0.501 mg/L	0.501 mg/L	11:24:41
2	Ti 334.940	142601.1	143631.6	0.915 mg/L	0.915 mg/L	11:24:41
2	Tl 276.787	1420.5	1303.3	0.929 mg/L	0.929 mg/L	11:24:47
2	Tl 190.801	213.2	236.4	0.895 mg/L	0.895 mg/L	11:24:47
2	V 290.880	29825.9	19697.5	0.942 mg/L	0.942 mg/L	11:24:41
2	V 292.402	39758.5	39622.6	0.931 mg/L	0.931 mg/L	11:24:41
2	Zn 206.200	5211.9	5205.8	0.975 mg/L	0.975 mg/L	11:24:47
2	Zn 213.857	30043.8	29756.2	0.938 mg/L	0.938 mg/L	11:24:41
3	Ag 328.068	109958.8	110141.7	0.944 mg/L	0.944 mg/L	11:24:51
3	Ag 338.289	38593.1	38622.1	0.943 mg/L	0.943 mg/L	11:24:51
3	Al 308.215	51382.1	15203.1	1.10 mg/L	1.10 mg/L	11:24:51
3	Al 396.153	1461.6	1326.4	0.935 mg/L	0.935 mg/L	11:24:51
3	As 188.979	527.0	514.9	0.957 mg/L	0.957 mg/L	11:24:56
3	As 193.696	669.8	692.9	0.959 mg/L	0.959 mg/L	11:24:56
3	B 182.528	358.8	352.5	1.00 mg/L	1.00 mg/L	11:24:56
3	B 249.677	21390.6	20557.9	0.979 mg/L	0.979 mg/L	11:24:51
3	Ba 233.527	10021.3	10091.1	0.949 mg/L	0.949 mg/L	11:24:56
3	Be 313.107	1589345.6	1442769.7	0.978 mg/L	0.978 mg/L	11:24:49
3	Be 234.861	278572.4	278875.6	0.981 mg/L	0.981 mg/L	11:24:51
3	Ca 317.933	18494.2	18578.5	0.998 mg/L	0.998 mg/L	11:24:51
3	Cd 228.802	8044.9	8047.5	0.949 mg/L	0.949 mg/L	11:24:56
3	Cd 214.440	12411.7	12161.0	0.956 mg/L	0.956 mg/L	11:24:56
3	Co 228.616	4725.7	4842.9	0.944 mg/L	0.944 mg/L	11:24:56
3	Cr 205.560	5548.4	5581.3	0.948 mg/L	0.948 mg/L	11:24:56
3	Cr 267.716	21965.6	21793.2	0.957 mg/L	0.957 mg/L	11:24:51
3	Cu 327.393	149953.5	162369.6	0.959 mg/L	0.959 mg/L	11:24:51
3	Cu 324.752	320860.9	306177.3	0.955 mg/L	0.955 mg/L	11:24:51
3	Fe 273.955	3078.1	3074.5	0.980 mg/L	0.980 mg/L	11:24:56
3	Fe 259.939	28555.8	28523.4	0.998 mg/L	0.998 mg/L	11:24:51
3	Fe 238.204	16013.4	15861.6	1.00 mg/L	1.00 mg/L	11:24:51
3	K 766.490	441425.3	440795.3	8.86 mg/L	8.86 mg/L	11:24:49
3	K 404.721	-13290.7	167.4	0.000 mg/L	0.000 mg/L	11:24:51
3	Li 670.784	1264515.0	1265021.4	1.03 mg/L	1.03 mg/L	11:24:48
3	Mg 285.213	225142.4	224354.9	0.961 mg/L	0.961 mg/L	11:24:51
3	Mn 257.610	90890.0	90939.7	0.963 mg/L	0.963 mg/L	11:24:51
3	Mo 202.031	3244.6	3223.7	0.928 mg/L	0.928 mg/L	11:24:56
3	Na 589.592	2459.3	3099.9	1.58 mg/L	1.58 mg/L	11:24:49
3	Na 330.237	686.5	1516.2	0.927 mg/L	0.927 mg/L	11:24:56
3	Ni 231.604	6689.9	6588.2	0.941 mg/L	0.941 mg/L	11:24:56
3	Pb 220.353	1707.3	1685.2	0.916 mg/L	0.916 mg/L	11:24:56
3	Pb 217.000	763.2	758.8	0.930 mg/L	0.930 mg/L	11:24:56
3	Sb 206.836	1464.0	1437.0	0.950 mg/L	0.950 mg/L	11:24:56
3	Se 196.026	703.8	691.0	0.980 mg/L	0.980 mg/L	11:24:56
3	Se 203.985	900.2	954.7	0.971 mg/L	0.971 mg/L	11:24:56
3	Si 251.611	11200.5	10605.0	0.523 mg/L	0.523 mg/L	11:24:51
3	Ti 334.940	148126.1	149156.5	0.950 mg/L	0.950 mg/L	11:24:51
3	Tl 276.787	1407.2	1290.1	0.920 mg/L	0.920 mg/L	11:24:56
3	Tl 190.801	228.1	251.4	0.949 mg/L	0.949 mg/L	11:24:56
3	V 290.880	30851.3	20722.9	0.992 mg/L	0.992 mg/L	11:24:51
3	V 292.402	41239.5	41103.7	0.966 mg/L	0.966 mg/L	11:24:51
3	Zn 206.200	5182.1	5176.1	0.969 mg/L	0.969 mg/L	11:24:56
3	Zn 213.857	31469.6	31182.1	0.985 mg/L	0.985 mg/L	11:24:51

Mean Data: icv/ccv

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Ag 328.068	108483.3	0.929 mg/L	0.0157	0.929 mg/L	0.0157	1.68%
QC value within limits for Ag 328.068 Recovery = 92.94%						
Ag 338.289	38098.8	0.930 mg/L	0.0138	0.930 mg/L	0.0138	1.48%
QC value within limits for Ag 338.289 Recovery = 93.00%						
Al 308.215	14498.3	1.04 mg/L	0.050	1.04 mg/L	0.050	4.86%
QC value within limits for Al 308.215 Recovery = 103.81%						
Al 396.153	1372.9	0.966 mg/L	0.0335	0.966 mg/L	0.0335	3.46%
QC value within limits for Al 396.153 Recovery = 96.59%						
As 188.979	510.6	0.949 mg/L	0.0182	0.949 mg/L	0.0182	1.92%
QC value within limits for As 188.979 Recovery = 94.88%						
As 193.696	690.2	0.955 mg/L	0.0146	0.955 mg/L	0.0146	1.53%
QC value within limits for As 193.696 Recovery = 95.52%						
B 182.528	343.8	0.976 mg/L	0.0236	0.976 mg/L	0.0236	2.42%
QC value within limits for B 182.528 Recovery = 97.62%						

B 249.677	19935.7	0.950 mg/L	0.0264	0.950 mg/L	0.0264	2.78%
QC value within limits for B 249.677 Recovery = 94.98%						
Ba 233.527	10112.8	0.951 mg/L	0.0051	0.951 mg/L	0.0051	0.5[illegible]
QC value within limits for Ba 233.527 Recovery = 95.14%						
Be 313.107	1427355.0	0.967 mg/L	0.0102	0.967 mg/L	0.0102	1.06%
QC value within limits for Be 313.107 Recovery = 96.73%						
Be 234.861	273510.3	0.962 mg/L	0.0188	0.962 mg/L	0.0188	1.96%
QC value within limits for Be 234.861 Recovery = 96.19%						
Ca 317.933	18947.9	1.02 mg/L	0.044	1.02 mg/L	0.044	4.32%
QC value within limits for Ca 317.933 Recovery = 101.71%						
Cd 228.802	8020.8	0.945 mg/L	0.0067	0.945 mg/L	0.0067	0.71%
QC value within limits for Cd 228.802 Recovery = 94.55%						
Cd 214.440	12133.1	0.954 mg/L	0.0043	0.954 mg/L	0.0043	0.45%
QC value within limits for Cd 214.440 Recovery = 95.41%						
Co 228.616	4837.5	0.943 mg/L	0.0116	0.943 mg/L	0.0116	1.23%
QC value within limits for Co 228.616 Recovery = 94.29%						
Cr 205.560	5571.3	0.946 mg/L	0.0039	0.946 mg/L	0.0039	0.41%
QC value within limits for Cr 205.560 Recovery = 94.63%						
Cr 267.716	21462.3	0.942 mg/L	0.0181	0.942 mg/L	0.0181	1.92%
QC value within limits for Cr 267.716 Recovery = 94.23%						
Cu 327.393	158808.1	0.938 mg/L	0.0183	0.938 mg/L	0.0183	1.95%
QC value within limits for Cu 327.393 Recovery = 93.80%						
Cu 324.752	299047.9	0.933 mg/L	0.0191	0.933 mg/L	0.0191	2.04%
QC value within limits for Cu 324.752 Recovery = 93.27%						
Fe 273.955	3100.5	0.988 mg/L	0.0084	0.988 mg/L	0.0084	0.85%
QC value within limits for Fe 273.955 Recovery = 98.83%						
Fe 259.939	28261.3	0.989 mg/L	0.0158	0.989 mg/L	0.0158	1.59%
QC value within limits for Fe 259.939 Recovery = 98.90%						
Fe 238.204	15652.2	0.988 mg/L	0.0244	0.988 mg/L	0.0244	2.47%
QC value within limits for Fe 238.204 Recovery = 98.83%						
K 766.490	429339.3	8.64 mg/L	0.250	8.64 mg/L	0.250	2.90%
QC value less than the lower limit for K 766.490 Recovery = 86.41%						
K 404.721	212.5	0.000 mg/L	0.0000	0.000 mg/L	0.0000	0.00%
QC value less than the lower limit for K 404.721 Recovery = 0.00%						
Li 670.784	1229476.0	1.01 mg/L	0.037	1.01 mg/L	0.037	3.63%
QC value within limits for Li 670.784 Recovery = 100.55%						
Mg 285.213	220954.3	0.946 mg/L	0.0163	0.946 mg/L	0.0163	1.73[illegible]
QC value within limits for Mg 285.213 Recovery = 94.59%						
Mn 257.610	89372.3	0.946 mg/L	0.0177	0.946 mg/L	0.0177	1.87%
QC value within limits for Mn 257.610 Recovery = 94.62%						
Mo 202.031	3201.1	0.922 mg/L	0.0124	0.922 mg/L	0.0124	1.35%
QC value within limits for Mo 202.031 Recovery = 92.19%						
Na 589.592	2760.3	1.41 mg/L	0.147	1.41 mg/L	0.147	10.43%
QC value greater than the upper limit for Na 589.592 Recovery = 141.27%						
Na 330.237	1500.3	0.916 mg/L	0.0261	0.916 mg/L	0.0261	2.85%
QC value within limits for Na 330.237 Recovery = 91.64%						
Ni 231.604	6594.2	0.942 mg/L	0.0070	0.942 mg/L	0.0070	0.74%
QC value within limits for Ni 231.604 Recovery = 94.17%						
Pb 220.353	1678.8	0.913 mg/L	0.0143	0.913 mg/L	0.0143	1.56%
QC value within limits for Pb 220.353 Recovery = 91.31%						
Pb 217.000	758.3	0.929 mg/L	0.0066	0.929 mg/L	0.0066	0.71%
QC value within limits for Pb 217.000 Recovery = 92.93%						
Sb 206.836	1413.2	0.934 mg/L	0.0225	0.934 mg/L	0.0225	2.41%
QC value within limits for Sb 206.836 Recovery = 93.44%						
Se 196.026	680.2	0.964 mg/L	0.0161	0.964 mg/L	0.0161	1.67%
QC value within limits for Se 196.026 Recovery = 96.45%						
Se 203.985	940.6	0.956 mg/L	0.0140	0.956 mg/L	0.0140	1.46%
QC value within limits for Se 203.985 Recovery = 95.64%						
Si 251.611	10377.3	0.511 mg/L	0.0111	0.511 mg/L	0.0111	2.17%
QC value within limits for Si 251.611 Recovery = 102.26%						
Ti 334.940	146220.8	0.931 mg/L	0.0176	0.931 mg/L	0.0176	1.89%
QC value within limits for Ti 334.940 Recovery = 93.10%						
Tl 276.787	1297.7	0.925 mg/L	0.0047	0.925 mg/L	0.0047	0.51%
QC value within limits for Tl 276.787 Recovery = 92.54%						
Tl 190.801	242.8	0.918 mg/L	0.0278	0.918 mg/L	0.0278	3.03%
QC value within limits for Tl 190.801 Recovery = 91.77%						
V 290.880	20136.0	0.963 mg/L	0.0260	0.963 mg/L	0.0260	2.70%
QC value within limits for V 290.880 Recovery = 96.34%						
V 292.402	40403.7	0.950 mg/L	0.0175	0.950 mg/L	0.0175	1.84[illegible]
QC value within limits for V 292.402 Recovery = 94.97%						
Zn 206.200	5172.2	0.968 mg/L	0.0070	0.968 mg/L	0.0070	0.73%
QC value within limits for Zn 206.200 Recovery = 96.80%						
Zn 213.857	30481.8	0.962 mg/L	0.0236	0.962 mg/L	0.0236	2.45%

QC value within limits for Zn 213.857 Recovery = 96.22%
QC Failed. Continue with analysis.

==========

Sequence No.: 19 | **Autosampler Location: 19**
Sample ID: prep blk | **Date Collected: 7/16/02 11:25:36 AM**
Analyst:
Nebulizer Back Pressure: 342.0 kPa | **Nebulizer Flow: 0.85 L/min**
Sample Wt: | **Sample Prep Volume:**
Dilution: | **Data Type: Original**

Replicate Data: prep blk

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	56.1	239.0	0.009	mg/L	0.009	mg/L	11:27:18
1	Ag 338.289	76.8	105.7	0.010	mg/L	0.010	mg/L	11:27:18
1	Al 308.215	40224.6	4045.6	0.192	mg/L	0.192	mg/L	11:27:13
1	Al 396.153	-61.1	-196.3	-0.088	mg/L	-0.088	mg/L	11:27:13
1	As 188.979	18.1	6.0	0.013	mg/L	0.013	mg/L	11:27:18
1	As 193.696	-20.8	2.4	0.014	mg/L	0.014	mg/L	11:27:18
1	B 182.528	23.9	17.7	0.044	mg/L	0.044	mg/L	11:27:18
1	B 249.677	1606.5	773.8	0.037	mg/L	0.037	mg/L	11:27:18
1	Ba 233.527	-18.9	50.9	0.001	mg/L	0.001	mg/L	11:27:18
1	Be 313.107	166773.4	20197.5	-0.002	mg/L	-0.002	mg/L	11:27:13
1	Be 234.861	859.3	1162.5	-0.007	mg/L	-0.007	mg/L	11:27:18
1	Ca 317.933	191.9	276.2	0.027	mg/L	0.027	mg/L	11:27:13
1	Cd 228.802	32.8	35.5	0.004	mg/L	0.004	mg/L	11:27:18
1	Cd 214.440	276.5	25.8	-0.005	mg/L	-0.005	mg/L	11:27:18
1	Co 228.616	-81.1	36.1	0.014	mg/L	0.014	mg/L	11:27:18
1	Cr 205.560	-11.7	21.2	0.003	mg/L	0.003	mg/L	11:27:18
1	Cr 267.716	247.6	75.1	0.004	mg/L	0.004	mg/L	11:27:18
1	Cu 327.393	-13133.7	-717.5	0.007	mg/L	0.007	mg/L	11:27:13
1	Cu 324.752	17175.3	2491.7	0.018	mg/L	0.018	mg/L	11:27:13
1	Fe 273.955	-9.8	-13.5	-0.026	mg/L	-0.026	mg/L	11:27:18
1	Fe 259.939	175.5	143.1	-0.018	mg/L	-0.018	mg/L	11:27:18
1	Fe 238.204	223.4	71.6	-0.020	mg/L	-0.020	mg/L	11:27:18
1	K 766.490	4115.4	3485.4	0.358	mg/L	0.358	mg/L	11:27:13
1	K 404.721	-12839.2	618.9	0.000	mg/L	0.000	mg/L	11:27:13
1	Li 670.784	3740.6	4247.1	0.027	mg/L	0.027	mg/L	11:27:13
1	Mg 285.213	2400.6	1613.1	-0.036	mg/L	-0.036	mg/L	11:27:13
1	Mn 257.610	301.8	351.5	0.003	mg/L	0.003	mg/L	11:27:18
1	Mo 202.031	106.7	85.8	0.026	mg/L	0.026	mg/L	11:27:18
1	Na 589.592	-717.0	-76.4	0.001	mg/L	0.001	mg/L	11:27:13
1	Na 330.237	-909.6	-80.0	-0.104	mg/L	-0.104	mg/L	11:27:18
1	Ni 231.604	133.3	31.6	0.008	mg/L	0.008	mg/L	11:27:18
1	Pb 220.353	15.2	-6.9	0.017	mg/L	0.017	mg/L	11:27:18
1	Pb 217.000	2.0	-2.3	0.015	mg/L	0.015	mg/L	11:27:18
1	Sb 206.836	57.8	30.8	0.029	mg/L	0.029	mg/L	11:27:18
1	Se 196.026	13.8	0.9	-0.003	mg/L	-0.003	mg/L	11:27:18
1	Se 203.985	-44.9	9.5	0.019	mg/L	0.019	mg/L	11:27:18
1	Si 251.611	786.0	190.6	-0.003	mg/L	-0.003	mg/L	11:27:18
1	Ti 334.940	-579.3	451.2	0.008	mg/L	0.008	mg/L	11:27:18
1	Tl 276.787	139.0	21.9	0.038	mg/L	0.038	mg/L	11:27:18
1	Tl 190.801	-27.0	-3.7	0.026	mg/L	0.026	mg/L	11:27:18
1	V 290.880	11471.8	1343.4	0.038	mg/L	0.038	mg/L	11:27:13
1	V 292.402	301.8	165.9	0.003	mg/L	0.003	mg/L	11:27:18
1	Zn 206.200	20.3	14.3	-0.046	mg/L	-0.046	mg/L	11:27:18
1	Zn 213.857	396.4	108.9	-0.044	mg/L	-0.044	mg/L	11:27:18
2	Ag 328.068	31.3	214.2	0.009	mg/L	0.009	mg/L	11:27:25
2	Ag 338.289	39.4	68.4	0.009	mg/L	0.009	mg/L	11:27:25
2	Al 308.215	39650.0	3471.0	0.146	mg/L	0.146	mg/L	11:27:20
2	Al 396.153	20.0	-115.3	-0.033	mg/L	-0.033	mg/L	11:27:20
2	As 188.979	14.3	2.2	0.006	mg/L	0.006	mg/L	11:27:25
2	As 193.696	-7.6	15.5	0.032	mg/L	0.032	mg/L	11:27:25
2	B 182.528	21.0	14.8	0.035	mg/L	0.035	mg/L	11:27:25
2	B 249.677	1556.1	723.4	0.034	mg/L	0.034	mg/L	11:27:25
2	Ba 233.527	-22.6	47.2	0.001	mg/L	0.001	mg/L	11:27:25
2	Be 313.107	163772.9	17197.0	-0.004	mg/L	-0.004	mg/L	11:27:20
2	Be 234.861	649.2	952.4	-0.008	mg/L	-0.008	mg/L	11:27:25
2	Ca 317.933	204.9	289.2	0.028	mg/L	0.028	mg/L	11:27:20
2	Cd 228.802	14.3	17.0	0.002	mg/L	0.002	mg/L	11:27:25
2	Cd 214.440	299.9	49.2	-0.003	mg/L	-0.003	mg/L	11:27:25

2	Co 228.616	-88.4	28.8	0.013 mg/L	0.013 mg/L	11:27:25
2	Cr 205.560	-13.9	19.0	0.003 mg/L	0.003 mg/L	11:27:25
2	Cr 267.716	177.5	5.0	0.001 mg/L	0.001 mg/L	11:27:2[illegible]
2	Cu 327.393	-13207.9	-791.8	0.007 mg/L	0.007 mg/L	11:27:2[illegible]
2	Cu 324.752	16447.2	1763.6	0.015 mg/L	0.015 mg/L	11:27:20
2	Fe 273.955	-18.3	-22.0	-0.029 mg/L	-0.029 mg/L	11:27:25
2	Fe 259.939	155.8	123.5	-0.019 mg/L	-0.019 mg/L	11:27:25
2	Fe 238.204	187.1	35.2	-0.023 mg/L	-0.023 mg/L	11:27:25
2	K 766.490	3483.0	2853.0	0.345 mg/L	0.345 mg/L	11:27:20
2	K 404.721	-12865.4	592.7	0.000 mg/L	0.000 mg/L	11:27:20
2	Li 670.784	2778.3	3284.7	0.026 mg/L	0.026 mg/L	11:27:20
2	Mg 285.213	1863.2	1075.7	-0.039 mg/L	-0.039 mg/L	11:27:20
2	Mn 257.610	213.2	262.9	0.002 mg/L	0.002 mg/L	11:27:25
2	Mo 202.031	115.4	94.5	0.028 mg/L	0.028 mg/L	11:27:25
2	Na 589.592	-603.9	36.7	0.058 mg/L	0.058 mg/L	11:27:20
2	Na 330.237	-943.7	-114.1	-0.126 mg/L	-0.126 mg/L	11:27:25
2	Ni 231.604	120.8	19.1	0.006 mg/L	0.006 mg/L	11:27:25
2	Pb 220.353	10.3	-11.8	0.014 mg/L	0.014 mg/L	11:27:25
2	Pb 217.000	13.8	9.5	0.029 mg/L	0.029 mg/L	11:27:25
2	Sb 206.836	71.4	44.4	0.038 mg/L	0.038 mg/L	11:27:25
2	Se 196.026	11.6	-1.2	-0.006 mg/L	-0.006 mg/L	11:27:25
2	Se 203.985	-48.6	5.9	0.015 mg/L	0.015 mg/L	11:27:25
2	Si 251.611	808.7	213.2	-0.002 mg/L	-0.002 mg/L	11:27:25
2	Ti 334.940	-684.3	346.1	0.007 mg/L	0.007 mg/L	11:27:25
2	Tl 276.787	135.2	18.1	0.036 mg/L	0.036 mg/L	11:27:25
2	Tl 190.801	-18.1	5.2	0.058 mg/L	0.058 mg/L	11:27:25
2	V 290.880	11286.0	1157.6	0.029 mg/L	0.029 mg/L	11:27:20
2	V 292.402	272.2	136.3	0.003 mg/L	0.003 mg/L	11:27:25
2	Zn 206.200	44.8	38.8	-0.041 mg/L	-0.041 mg/L	11:27:25
2	Zn 213.857	355.3	67.8	-0.045 mg/L	-0.045 mg/L	11:27:25
3	Ag 328.068	15.6	198.6	0.009 mg/L	0.009 mg/L	11:27:32
3	Ag 338.289	80.7	109.7	0.010 mg/L	0.010 mg/L	11:27:32
3	Al 308.215	40052.8	3873.8	0.178 mg/L	0.178 mg/L	11:27:26
3	Al 396.153	136.2	0.9	0.045 mg/L	0.045 mg/L	11:27:26
3	As 188.979	-5.1	-17.2	-0.030 mg/L	-0.030 mg/L	11:27:32
3	As 193.696	-20.2	2.9	0.015 mg/L	0.015 mg/L	11:27:3[illegible]
3	B 182.528	25.7	19.4	0.049 mg/L	0.049 mg/L	11:27:3[illegible]
3	B 249.677	1500.6	667.9	0.032 mg/L	0.032 mg/L	11:27:32
3	Ba 233.527	-41.9	27.9	-0.001 mg/L	-0.001 mg/L	11:27:32
3	Be 313.107	163731.1	17155.2	-0.004 mg/L	-0.004 mg/L	11:27:26
3	Be 234.861	546.1	849.3	-0.009 mg/L	-0.009 mg/L	11:27:32
3	Ca 317.933	77.5	161.8	0.021 mg/L	0.021 mg/L	11:27:26
3	Cd 228.802	19.2	21.8	0.002 mg/L	0.002 mg/L	11:27:32
3	Cd 214.440	277.5	26.8	-0.005 mg/L	-0.005 mg/L	11:27:32
3	Co 228.616	-103.2	14.0	0.010 mg/L	0.010 mg/L	11:27:32
3	Cr 205.560	-15.3	17.6	0.002 mg/L	0.002 mg/L	11:27:32
3	Cr 267.716	187.5	15.1	0.002 mg/L	0.002 mg/L	11:27:32
3	Cu 327.393	-13462.1	-1045.9	0.005 mg/L	0.005 mg/L	11:27:26
3	Cu 324.752	16692.6	2009.0	0.016 mg/L	0.016 mg/L	11:27:26
3	Fe 273.955	-6.0	-9.6	-0.025 mg/L	-0.025 mg/L	11:27:32
3	Fe 259.939	139.2	106.8	-0.020 mg/L	-0.020 mg/L	11:27:32
3	Fe 238.204	215.5	63.7	-0.021 mg/L	-0.021 mg/L	11:27:32
3	K 766.490	3059.2	2429.1	0.337 mg/L	0.337 mg/L	11:27:26
3	K 404.721	-12977.2	480.9	0.000 mg/L	0.000 mg/L	11:27:26
3	Li 670.784	2279.1	2785.6	0.026 mg/L	0.026 mg/L	11:27:26
3	Mg 285.213	1715.3	927.7	-0.039 mg/L	-0.039 mg/L	11:27:26
3	Mn 257.610	189.3	239.0	0.001 mg/L	0.001 mg/L	11:27:32
3	Mo 202.031	86.2	65.4	0.020 mg/L	0.020 mg/L	11:27:32
3	Na 589.592	-741.1	-100.6	-0.011 mg/L	-0.011 mg/L	11:27:26
3	Na 330.237	-961.2	-131.5	-0.137 mg/L	-0.137 mg/L	11:27:32
3	Ni 231.604	130.6	28.9	0.007 mg/L	0.007 mg/L	11:27:32
3	Pb 220.353	11.6	-10.6	0.015 mg/L	0.015 mg/L	11:27:32
3	Pb 217.000	15.0	10.6	0.031 mg/L	0.031 mg/L	11:27:32
3	Sb 206.836	54.1	27.1	0.026 mg/L	0.026 mg/L	11:27:32
3	Se 196.026	13.8	1.0	-0.003 mg/L	-0.003 mg/L	11:27:32
3	Se 203.985	-49.2	5.2	0.014 mg/L	0.014 mg/L	11:27:32
3	Si 251.611	776.5	181.0	-0.004 mg/L	-0.004 mg/L	11:27:32
3	Ti 334.940	-744.1	286.4	0.007 mg/L	0.007 mg/L	11:27:3[illegible]
3	Tl 276.787	127.9	10.8	0.031 mg/L	0.031 mg/L	11:27:3[illegible]
3	Tl 190.801	-14.1	9.1	0.072 mg/L	0.072 mg/L	11:27:32
3	V 290.880	11390.2	1261.8	0.034 mg/L	0.034 mg/L	11:27:26
3	V 292.402	241.0	105.1	0.002 mg/L	0.002 mg/L	11:27:32
3	Zn 206.200	14.9	8.8	-0.047 mg/L	-0.047 mg/L	11:27:32

3	Zn 213.857	358.5	70.9	-0.045 mg/L	-0.045 mg/L	11:27:32

Mean Data: prep blk

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	217.3	0.009	mg/L	0.0002	0.009	mg/L	0.0002	1.96%
Ag 338.289	94.6	0.010	mg/L	0.0006	0.010	mg/L	0.0006	5.68%
Al 308.215	3796.8	0.172	mg/L	0.0239	0.172	mg/L	0.0239	13.88%
Al 396.153	-103.6	-0.026	mg/L	0.0666	-0.026	mg/L	0.0666	260.58%
As 188.979	-3.0	-0.003	mg/L	0.0231	-0.003	mg/L	0.0231	680.23%
As 193.696	6.9	0.020	mg/L	0.0102	0.020	mg/L	0.0102	49.90%
B 182.528	17.3	0.043	mg/L	0.0067	0.043	mg/L	0.0067	15.76%
B 249.677	721.7	0.034	mg/L	0.0025	0.034	mg/L	0.0025	7.36%
Ba 233.527	42.0	0.000	mg/L	0.0012	0.000	mg/L	0.0012	757.63%
Be 313.107	18183.2	-0.003	mg/L	0.0012	-0.003	mg/L	0.0012	34.60%
Be 234.861	988.1	-0.008	mg/L	0.0006	-0.008	mg/L	0.0006	7.03%
Ca 317.933	242.4	0.025	mg/L	0.0037	0.025	mg/L	0.0037	14.69%
Cd 228.802	24.7	0.003	mg/L	0.0011	0.003	mg/L	0.0011	41.25%
Cd 214.440	33.9	-0.005	mg/L	0.0010	-0.005	mg/L	0.0010	22.39%
Co 228.616	26.3	0.012	mg/L	0.0022	0.012	mg/L	0.0022	17.69%
Cr 205.560	19.3	0.003	mg/L	0.0003	0.003	mg/L	0.0003	12.01%
Cr 267.716	31.7	0.002	mg/L	0.0017	0.002	mg/L	0.0017	73.15%
Cu 327.393	-851.7	0.007	mg/L	0.0010	0.007	mg/L	0.0010	15.35%
Cu 324.752	2088.1	0.016	mg/L	0.0011	0.016	mg/L	0.0011	6.97%
Fe 273.955	-15.0	-0.026	mg/L	0.0021	-0.026	mg/L	0.0021	7.79%
Fe 259.939	124.5	-0.019	mg/L	0.0007	-0.019	mg/L	0.0007	3.43%
Fe 238.204	56.8	-0.021	mg/L	0.0012	-0.021	mg/L	0.0012	5.82%
K 766.490	2922.5	0.347	mg/L	0.0103	0.347	mg/L	0.0103	2.98%
K 404.721	564.2	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	3439.1	0.026	mg/L	0.0006	0.026	mg/L	0.0006	2.27%
Mg 285.213	1205.5	-0.038	mg/L	0.0016	-0.038	mg/L	0.0016	4.24%
Mn 257.610	284.5	0.002	mg/L	0.0006	0.002	mg/L	0.0006	32.30%
Mo 202.031	81.9	0.025	mg/L	0.0043	0.025	mg/L	0.0043	17.40%
Na 589.592	-46.8	0.016	mg/L	0.0365	0.016	mg/L	0.0365	226.98%
Na 330.237	-108.5	-0.122	mg/L	0.0169	-0.122	mg/L	0.0169	13.85%
Ni 231.604	26.5	0.007	mg/L	0.0009	0.007	mg/L	0.0009	13.73%
Pb 220.353	-9.8	0.015	mg/L	0.0014	0.015	mg/L	0.0014	9.00%
Pb 217.000	5.9	0.025	mg/L	0.0086	0.025	mg/L	0.0086	34.53%
Sb 206.836	34.1	0.031	mg/L	0.0060	0.031	mg/L	0.0060	19.21%
Se 196.026	0.2	-0.004	mg/L	0.0018	-0.004	mg/L	0.0018	43.71%
Se 203.985	6.9	0.016	mg/L	0.0023	0.016	mg/L	0.0023	14.48%
Si 251.611	194.9	-0.003	mg/L	0.0008	-0.003	mg/L	0.0008	25.78%
Ti 334.940	361.2	0.007	mg/L	0.0005	0.007	mg/L	0.0005	7.53%
Tl 276.787	16.9	0.035	mg/L	0.0039	0.035	mg/L	0.0039	11.20%
Tl 190.801	3.5	0.052	mg/L	0.0238	0.052	mg/L	0.0238	45.98%
V 290.880	1254.2	0.033	mg/L	0.0046	0.033	mg/L	0.0046	13.79%
V 292.402	135.8	0.003	mg/L	0.0007	0.003	mg/L	0.0007	27.56%
Zn 206.200	20.6	-0.045	mg/L	0.0031	-0.045	mg/L	0.0031	6.99%
Zn 213.857	82.5	-0.045	mg/L	0.0008	-0.045	mg/L	0.0008	1.70%

Sequence No.: 20
Sample ID: lcs
Analyst:
Nebulizer Back Pressure: 342.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 20
Date Collected: 7/16/02 11:28:09 AM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: lcs

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	52640.0	52823.0	0.456	mg/L	0.456	mg/L	11:29:48
1	Ag 338.289	18421.5	18450.5	0.454	mg/L	0.454	mg/L	11:29:48
1	Al 308.215	44762.0	8583.0	0.559	mg/L	0.559	mg/L	11:29:48
1	Al 396.153	628.5	493.2	0.375	mg/L	0.375	mg/L	11:29:48
1	As 188.979	255.7	243.5	0.454	mg/L	0.454	mg/L	11:29:53
1	As 193.696	303.0	326.1	0.457	mg/L	0.457	mg/L	11:29:53
1	B 182.528	171.9	165.6	0.467	mg/L	0.467	mg/L	11:29:53
1	B 249.677	10700.3	9867.6	0.470	mg/L	0.470	mg/L	11:29:48
1	Ba 233.527	4874.5	4944.3	0.463	mg/L	0.463	mg/L	11:29:53
1	Be 313.107	859189.0	712613.1	0.475	mg/L	0.475	mg/L	11:29:47

1	Be 234.861	138101.0	138404.2	0.481 mg/L	0.481 mg/L	11:29:48
1	Ca 317.933	8105.6	8189.9	0.447 mg/L	0.447 mg/L	11:29:48
1	Cd 228.802	3896.0	3898.7	0.459 mg/L	0.459 mg/L	11:29:5
1	Cd 214.440	6240.8	5990.1	0.467 mg/L	0.467 mg/L	11:29:5
1	Co 228.616	2173.8	2291.0	0.450 mg/L	0.450 mg/L	11:29:53
1	Cr 205.560	2691.1	2724.0	0.462 mg/L	0.462 mg/L	11:29:53
1	Cr 267.716	10428.4	10256.0	0.451 mg/L	0.451 mg/L	11:29:53
1	Cu 327.393	64097.9	76514.1	0.458 mg/L	0.458 mg/L	11:29:48
1	Cu 324.752	161514.5	146830.9	0.463 mg/L	0.463 mg/L	11:29:48
1	Fe 273.955	1420.2	1416.6	0.440 mg/L	0.440 mg/L	11:29:53
1	Fe 259.939	13120.6	13088.2	0.445 mg/L	0.445 mg/L	11:29:53
1	Fe 238.204	7370.7	7218.9	0.442 mg/L	0.442 mg/L	11:29:53
1	K 766.490	189836.8	189206.8	3.97 mg/L	3.97 mg/L	11:29:47
1	K 404.721	-13048.5	409.6	0.000 mg/L	0.000 mg/L	11:29:48
1	Li 670.784	518253.7	518760.2	0.438 mg/L	0.438 mg/L	11:29:47
1	Mg 285.213	103973.3	103185.7	0.419 mg/L	0.419 mg/L	11:29:48
1	Mn 257.610	44247.6	44297.3	0.468 mg/L	0.468 mg/L	11:29:48
1	Mo 202.031	1622.8	1602.0	0.462 mg/L	0.462 mg/L	11:29:53
1	Na 589.592	262.8	903.4	0.489 mg/L	0.489 mg/L	11:29:47
1	Na 330.237	-68.7	761.0	0.439 mg/L	0.439 mg/L	11:29:53
1	Ni 231.604	3311.6	3209.9	0.460 mg/L	0.460 mg/L	11:29:53
1	Pb 220.353	815.8	793.7	0.442 mg/L	0.442 mg/L	11:29:53
1	Pb 217.000	370.3	365.9	0.458 mg/L	0.458 mg/L	11:29:53
1	Sb 206.836	714.4	687.4	0.459 mg/L	0.459 mg/L	11:29:53
1	Se 196.026	346.5	333.6	0.471 mg/L	0.471 mg/L	11:29:53
1	Se 203.985	400.3	454.7	0.467 mg/L	0.467 mg/L	11:29:53
1	Si 251.611	5553.0	4957.5	0.237 mg/L	0.237 mg/L	11:29:53
1	Ti 334.940	72048.9	73079.4	0.468 mg/L	0.468 mg/L	11:29:48
1	Tl 276.787	730.7	613.6	0.450 mg/L	0.450 mg/L	11:29:53
1	Tl 190.801	90.9	114.1	0.452 mg/L	0.452 mg/L	11:29:53
1	V 290.880	20547.4	10418.9	0.485 mg/L	0.485 mg/L	11:29:48
1	V 292.402	19967.5	19831.6	0.466 mg/L	0.466 mg/L	11:29:48
1	Zn 206.200	2769.7	2763.6	0.494 mg/L	0.494 mg/L	11:29:53
1	Zn 213.857	16928.8	16641.3	0.504 mg/L	0.504 mg/L	11:29:48
2	Ag 328.068	53125.3	53308.2	0.460 mg/L	0.460 mg/L	11:29:56
2	Ag 338.289	18596.1	18625.0	0.458 mg/L	0.458 mg/L	11:29:5
2	Al 308.215	45385.3	9206.3	0.610 mg/L	0.610 mg/L	11:29:5
2	Al 396.153	767.3	632.0	0.468 mg/L	0.468 mg/L	11:29:56
2	As 188.979	254.9	242.8	0.452 mg/L	0.452 mg/L	11:30:02
2	As 193.696	318.9	342.0	0.479 mg/L	0.479 mg/L	11:30:02
2	B 182.528	170.4	164.1	0.462 mg/L	0.462 mg/L	11:30:02
2	B 249.677	10889.1	10056.5	0.479 mg/L	0.479 mg/L	11:29:56
2	Ba 233.527	4920.9	4990.8	0.468 mg/L	0.468 mg/L	11:30:02
2	Be 313.107	866173.2	719597.3	0.480 mg/L	0.480 mg/L	11:29:55
2	Be 234.861	139254.3	139557.5	0.485 mg/L	0.485 mg/L	11:29:56
2	Ca 317.933	8083.9	8168.2	0.446 mg/L	0.446 mg/L	11:29:56
2	Cd 228.802	3958.3	3961.0	0.467 mg/L	0.467 mg/L	11:30:02
2	Cd 214.440	6365.9	6115.2	0.477 mg/L	0.477 mg/L	11:30:02
2	Co 228.616	2254.2	2371.4	0.466 mg/L	0.466 mg/L	11:30:02
2	Cr 205.560	2720.4	2753.3	0.467 mg/L	0.467 mg/L	11:30:02
2	Cr 267.716	10580.3	10407.8	0.457 mg/L	0.457 mg/L	11:30:02
2	Cu 327.393	65798.7	78214.9	0.468 mg/L	0.468 mg/L	11:29:56
2	Cu 324.752	164797.7	150114.1	0.473 mg/L	0.473 mg/L	11:29:56
2	Fe 273.955	1456.6	1453.0	0.452 mg/L	0.452 mg/L	11:30:02
2	Fe 259.939	13238.2	13205.8	0.450 mg/L	0.450 mg/L	11:30:02
2	Fe 238.204	7459.2	7307.4	0.448 mg/L	0.448 mg/L	11:30:02
2	K 766.490	190189.6	189559.6	3.98 mg/L	3.98 mg/L	11:29:55
2	K 404.721	-12959.2	498.9	0.000 mg/L	0.000 mg/L	11:29:56
2	Li 670.784	522737.7	523244.2	0.441 mg/L	0.441 mg/L	11:29:55
2	Mg 285.213	105566.2	104778.7	0.426 mg/L	0.426 mg/L	11:29:56
2	Mn 257.610	44142.7	44192.4	0.467 mg/L	0.467 mg/L	11:29:56
2	Mo 202.031	1626.0	1605.1	0.463 mg/L	0.463 mg/L	11:30:02
2	Na 589.592	4.3	644.9	0.360 mg/L	0.360 mg/L	11:29:55
2	Na 330.237	-59.5	770.1	0.445 mg/L	0.445 mg/L	11:30:02
2	Ni 231.604	3337.9	3236.2	0.464 mg/L	0.464 mg/L	11:30:02
2	Pb 220.353	826.8	804.6	0.448 mg/L	0.448 mg/L	11:30:02
2	Pb 217.000	370.0	365.7	0.457 mg/L	0.457 mg/L	11:30:02
2	Sb 206.836	722.5	695.5	0.464 mg/L	0.464 mg/L	11:30:
2	Se 196.026	338.2	325.4	0.459 mg/L	0.459 mg/L	11:30:
2	Se 203.985	400.0	454.4	0.467 mg/L	0.467 mg/L	11:30:02
2	Si 251.611	5635.0	5039.5	0.242 mg/L	0.242 mg/L	11:30:02
2	Ti 334.940	72811.7	73842.1	0.472 mg/L	0.472 mg/L	11:29:56
2	Tl 276.787	738.5	621.4	0.455 mg/L	0.455 mg/L	11:30:02

2	Tl 190.801	89.9	113.2	0.449 mg/L	0.449 mg/L	11:30:02
2	V 290.880	20778.5	10650.0	0.496 mg/L	0.496 mg/L	11:29:56
2	V 292.402	20135.1	19999.2	0.470 mg/L	0.470 mg/L	11:29:56
2	Zn 206.200	2806.5	2800.5	0.502 mg/L	0.502 mg/L	11:30:02
2	Zn 213.857	16952.1	16664.6	0.505 mg/L	0.505 mg/L	11:29:56
3	Ag 328.068	52976.9	53159.9	0.459 mg/L	0.459 mg/L	11:30:05
3	Ag 338.289	18648.2	18677.2	0.460 mg/L	0.460 mg/L	11:30:05
3	Al 308.215	45238.7	9059.7	0.598 mg/L	0.598 mg/L	11:30:05
3	Al 396.153	825.7	690.4	0.508 mg/L	0.508 mg/L	11:30:05
3	As 188.979	260.4	248.3	0.463 mg/L	0.463 mg/L	11:30:10
3	As 193.696	328.6	351.8	0.492 mg/L	0.492 mg/L	11:30:10
3	B 182.528	180.0	173.7	0.490 mg/L	0.490 mg/L	11:30:10
3	B 249.677	10803.2	9970.5	0.475 mg/L	0.475 mg/L	11:30:05
3	Ba 233.527	4994.2	5064.1	0.474 mg/L	0.474 mg/L	11:30:10
3	Be 313.107	879498.6	732922.7	0.489 mg/L	0.489 mg/L	11:30:03
3	Be 234.861	139043.2	139346.4	0.484 mg/L	0.484 mg/L	11:30:05
3	Ca 317.933	8106.1	8190.4	0.447 mg/L	0.447 mg/L	11:30:05
3	Cd 228.802	3978.2	3980.9	0.469 mg/L	0.469 mg/L	11:30:10
3	Cd 214.440	6375.2	6124.5	0.478 mg/L	0.478 mg/L	11:30:10
3	Co 228.616	2280.9	2398.1	0.471 mg/L	0.471 mg/L	11:30:10
3	Cr 205.560	2755.0	2787.9	0.473 mg/L	0.473 mg/L	11:30:10
3	Cr 267.716	10630.2	10457.7	0.460 mg/L	0.460 mg/L	11:30:10
3	Cu 327.393	65674.0	78090.2	0.467 mg/L	0.467 mg/L	11:30:05
3	Cu 324.752	164815.0	150131.4	0.473 mg/L	0.473 mg/L	11:30:05
3	Fe 273.955	1453.4	1449.7	0.451 mg/L	0.451 mg/L	11:30:10
3	Fe 259.939	13360.5	13328.1	0.454 mg/L	0.454 mg/L	11:30:10
3	Fe 238.204	7491.9	7340.1	0.450 mg/L	0.450 mg/L	11:30:10
3	K 766.490	197827.4	197197.4	4.13 mg/L	4.13 mg/L	11:30:03
3	K 404.721	-13042.7	415.4	0.000 mg/L	0.000 mg/L	11:30:05
3	Li 670.784	543185.7	543692.2	0.458 mg/L	0.458 mg/L	11:30:03
3	Mg 285.213	105554.3	104766.7	0.426 mg/L	0.426 mg/L	11:30:05
3	Mn 257.610	44520.0	44569.7	0.471 mg/L	0.471 mg/L	11:30:05
3	Mo 202.031	1651.2	1630.3	0.470 mg/L	0.470 mg/L	11:30:10
3	Na 589.592	336.5	977.0	0.525 mg/L	0.525 mg/L	11:30:03
3	Na 330.237	-38.9	790.7	0.458 mg/L	0.458 mg/L	11:30:10
3	Ni 231.604	3336.8	3235.1	0.464 mg/L	0.464 mg/L	11:30:10
3	Pb 220.353	813.6	791.5	0.441 mg/L	0.441 mg/L	11:30:10
3	Pb 217.000	367.3	362.9	0.454 mg/L	0.454 mg/L	11:30:10
3	Sb 206.836	727.4	700.4	0.467 mg/L	0.467 mg/L	11:30:10
3	Se 196.026	349.1	336.2	0.474 mg/L	0.474 mg/L	11:30:10
3	Se 203.985	420.2	474.7	0.487 mg/L	0.487 mg/L	11:30:10
3	Si 251.611	5667.5	5072.0	0.243 mg/L	0.243 mg/L	11:30:10
3	Ti 334.940	72830.6	73861.0	0.473 mg/L	0.473 mg/L	11:30:05
3	Tl 276.787	750.0	632.9	0.463 mg/L	0.463 mg/L	11:30:10
3	Tl 190.801	97.6	120.8	0.476 mg/L	0.476 mg/L	11:30:10
3	V 290.880	20688.2	10559.8	0.492 mg/L	0.492 mg/L	11:30:05
3	V 292.402	20161.8	20025.9	0.470 mg/L	0.470 mg/L	11:30:05
3	Zn 206.200	2839.8	2833.8	0.508 mg/L	0.508 mg/L	11:30:10
3	Zn 213.857	17011.6	16724.0	0.507 mg/L	0.507 mg/L	11:30:05

Mean Data: lcs

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	53097.0	0.458	mg/L	0.0021	0.458	mg/L	0.0021	0.46%
Ag 338.289	18584.2	0.457	mg/L	0.0029	0.457	mg/L	0.0029	0.63%
Al 308.215	8949.7	0.589	mg/L	0.0264	0.589	mg/L	0.0264	4.48%
Al 396.153	605.2	0.450	mg/L	0.0680	0.450	mg/L	0.0680	15.10%
As 188.979	244.9	0.456	mg/L	0.0055	0.456	mg/L	0.0055	1.21%
As 193.696	340.0	0.476	mg/L	0.0177	0.476	mg/L	0.0177	3.72%
B 182.528	167.8	0.473	mg/L	0.0148	0.473	mg/L	0.0148	3.12%
B 249.677	9964.8	0.475	mg/L	0.0045	0.475	mg/L	0.0045	0.95%
Ba 233.527	4999.7	0.468	mg/L	0.0057	0.468	mg/L	0.0057	1.22%
Be 313.107	721711.0	0.481	mg/L	0.0071	0.481	mg/L	0.0071	1.48%
Be 234.861	139102.7	0.484	mg/L	0.0022	0.484	mg/L	0.0022	0.45%
Ca 317.933	8182.8	0.446	mg/L	0.0007	0.446	mg/L	0.0007	0.15%
Cd 228.802	3946.8	0.465	mg/L	0.0051	0.465	mg/L	0.0051	1.09%
Cd 214.440	6076.6	0.474	mg/L	0.0059	0.474	mg/L	0.0059	1.25%
Co 228.616	2353.5	0.462	mg/L	0.0108	0.462	mg/L	0.0108	2.33%
Cr 205.560	2755.0	0.468	mg/L	0.0054	0.468	mg/L	0.0054	1.16%
Cr 267.716	10373.8	0.456	mg/L	0.0046	0.456	mg/L	0.0046	1.01%
Cu 327.393	77606.4	0.464	mg/L	0.0055	0.464	mg/L	0.0055	1.19%
Cu 324.752	149025.4	0.470	mg/L	0.0059	0.470	mg/L	0.0059	1.25%

Fe 273.955	1439.8	0.447 mg/L	0.0066	0.447 mg/L	0.0066	1.47%
Fe 259.939	13207.4	0.450 mg/L	0.0043	0.450 mg/L	0.0043	0.96%
Fe 238.204	7288.8	0.447 mg/L	0.0041	0.447 mg/L	0.0041	0.91
K 766.490	191987.9	4.02 mg/L	0.088	4.02 mg/L	0.088	2.18
K 404.721	441.3	0.000 mg/L	0.0000	0.000 mg/L	0.0000	0.00%
Li 670.784	528565.5	0.446 mg/L	0.0106	0.446 mg/L	0.0106	2.38%
Mg 285.213	104243.7	0.423 mg/L	0.0041	0.423 mg/L	0.0041	0.97%
Mn 257.610	44353.1	0.469 mg/L	0.0021	0.469 mg/L	0.0021	0.44%
Mo 202.031	1612.5	0.465 mg/L	0.0045	0.465 mg/L	0.0045	0.96%
Na 589.592	841.8	0.458 mg/L	0.0868	0.458 mg/L	0.0868	18.94%
Na 330.237	773.9	0.447 mg/L	0.0098	0.447 mg/L	0.0098	2.20%
Ni 231.604	3227.1	0.462 mg/L	0.0021	0.462 mg/L	0.0021	0.46%
Pb 220.353	796.6	0.444 mg/L	0.0038	0.444 mg/L	0.0038	0.85%
Pb 217.000	364.8	0.456 mg/L	0.0020	0.456 mg/L	0.0020	0.44%
Sb 206.836	694.4	0.464 mg/L	0.0043	0.464 mg/L	0.0043	0.93%
Se 196.026	331.7	0.468 mg/L	0.0081	0.468 mg/L	0.0081	1.73%
Se 203.985	461.3	0.474 mg/L	0.0117	0.474 mg/L	0.0117	2.47%
Si 251.611	5023.0	0.241 mg/L	0.0030	0.241 mg/L	0.0030	1.24%
Ti 334.940	73594.2	0.471 mg/L	0.0028	0.471 mg/L	0.0028	0.60%
Tl 276.787	622.6	0.456 mg/L	0.0067	0.456 mg/L	0.0067	1.48%
Tl 190.801	116.0	0.459 mg/L	0.0151	0.459 mg/L	0.0151	3.29%
V 290.880	10542.9	0.491 mg/L	0.0057	0.491 mg/L	0.0057	1.17%
V 292.402	19952.2	0.469 mg/L	0.0025	0.469 mg/L	0.0025	0.53%
Zn 206.200	2799.3	0.501 mg/L	0.0069	0.501 mg/L	0.0069	1.38%
Zn 213.857	16676.6	0.505 mg/L	0.0014	0.505 mg/L	0.0014	0.28%

Sequence No.: 21
Sample ID: M02070406-02A
Analyst:
Nebulizer Back Pressure: 342.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 21
Date Collected: 7/16/02 11:30:47 AM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070406-02A

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	Ag 328.068	-80312.3	-80129.4	-0.674	mg/L	-0.674	mg/L	11:32:32
1	Ag 338.289	-5324.6	-5295.7	-0.121	mg/L	-0.121	mg/L	11:32:32
1	Al 308.215	10423444.4	10387265.4	841	mg/L	841	mg/L	11:32:28
1	Al 396.153	Saturated2	Saturated2					11:32:37
	Saturated in preshot (code 2)							
1	As 188.979	134.2	122.1	0.229	mg/L	0.229	mg/L	11:32:37
1	As 193.696	-23.9	-0.7	0.010	mg/L	0.010	mg/L	11:32:32
1	B 182.528	54.8	48.6	0.132	mg/L	0.132	mg/L	11:32:37
1	B 249.677	-35933.6	-36766.3	-1.75	mg/L	-1.75	mg/L	11:32:32
1	Ba 233.527	47405.3	47475.1	4.48	mg/L	4.48	mg/L	11:32:32
1	Be 313.107	206831.5	60255.6	0.026	mg/L	0.026	mg/L	11:32:32
1	Be 234.861	-2212162.6	-2211859.4	-7.88	mg/L	-7.88	mg/L	11:32:30
1	Ca 317.933	7206288.1	7206372.4	382	mg/L	382	mg/L	11:32:28
1	Cd 228.802	-328.6	-325.9	-0.039	mg/L	-0.039	mg/L	11:32:37
1	Cd 214.440	2624.1	2373.4	0.181	mg/L	0.181	mg/L	11:32:37
1	Co 228.616	1236.1	1353.3	0.269	mg/L	0.269	mg/L	11:32:37
1	Cr 205.560	6364.3	6397.2	1.09	mg/L	1.09	mg/L	11:32:37
1	Cr 267.716	27876.9	27704.4	1.22	mg/L	1.22	mg/L	11:32:32
1	Cu 327.393	216252.2	228668.4	1.35	mg/L	1.35	mg/L	11:32:32
1	Cu 324.752	443069.0	428385.3	1.33	mg/L	1.33	mg/L	11:32:30
1	Fe 273.955	3686627.2	3686623.5	1200	mg/L	1200	mg/L	11:32:30
1	Fe 259.939	9926492.1	9926459.7	356	mg/L	356	mg/L	11:32:28
1	Fe 238.204	4641549.4	4641397.6	300	mg/L	300	mg/L	11:32:30
1	K 766.490	Saturated2	Saturated2					11:32:37
	Saturated in preshot (code 2)							
1	K 404.721	-823628.5	-810170.4	0.000	mg/L	0.000	mg/L	11:32:28
1	Li 670.784	Saturated2	Saturated2					11:32:37
	Saturated in preshot (code 2)							
1	Mg 285.213	15813762.3	15812974.7	70.8	mg/L	70.8	mg/L	11:32:28
1	Mn 257.610	712951.5	713001.2	7.56	mg/L	7.56	mg/L	11:32:3
1	Mo 202.031	-154.2	-175.1	-0.049	mg/L	-0.049	mg/L	11:32:
1	Na 589.592	Saturated2	Saturated2					11:32:37
	Saturated in preshot (code 2)							
1	Na 330.237	12771.1	13600.8	8.73	mg/L	8.73	mg/L	11:32:32
1	Ni 231.604	5254.6	5152.8	0.736	mg/L	0.736	mg/L	11:32:37

1	Pb 220.353	2421.9	2399.7	1.30 mg/L	1.30 mg/L	11:32:37
1	Pb 217.000	899.2	894.8	1.09 mg/L	1.09 mg/L	11:32:37
1	Sb 206.836	53.4	26.4	0.026 mg/L	0.026 mg/L	11:32:37
1	Se 196.026	-399.1	-411.9	-0.591 mg/L	-0.591 mg/L	11:32:37
1	Se 203.985	-289.0	-234.6	-0.227 mg/L	-0.227 mg/L	11:32:37
1	Si 251.611	324891.1	324295.6	16.4 mg/L	16.4 mg/L	11:32:30
1	Ti 334.940	157007.5	158037.9	1.01 mg/L	1.01 mg/L	11:32:32
1	Tl 276.787	-52269.2	-52386.3	-36.4 mg/L	-36.4 mg/L	11:32:30
1	Tl 190.801	-182.9	-159.7	-0.539 mg/L	-0.539 mg/L	11:32:37
1	V 290.880	46000.1	35871.7	1.74 mg/L	1.74 mg/L	11:32:32
1	V 292.402	108488.9	108353.0	2.55 mg/L	2.55 mg/L	11:32:32
1	Zn 206.200	12225.2	12219.2	2.35 mg/L	2.35 mg/L	11:32:37
1	Zn 213.857	101405.6	101118.1	3.30 mg/L	3.30 mg/L	11:32:32
2	Ag 328.068	-80385.9	-80203.0	-0.675 mg/L	-0.675 mg/L	11:32:44
2	Ag 338.289	-5425.7	-5396.7	-0.123 mg/L	-0.123 mg/L	11:32:44
2	Al 308.215	10632365.7	10596186.7	857 mg/L	857 mg/L	11:32:41
2	Al 396.153	Saturated2	Saturated2			11:32:49
Saturated in preshot (code 2)						
2	As 188.979	144.9	132.7	0.248 mg/L	0.248 mg/L	11:32:49
2	As 193.696	-92.9	-69.8	-0.085 mg/L	-0.085 mg/L	11:32:44
2	B 182.528	46.9	40.7	0.109 mg/L	0.109 mg/L	11:32:49
2	B 249.677	-36503.7	-37336.4	-1.78 mg/L	-1.78 mg/L	11:32:44
2	Ba 233.527	48547.8	48617.6	4.59 mg/L	4.59 mg/L	11:32:44
2	Be 313.107	205560.0	58984.1	0.025 mg/L	0.025 mg/L	11:32:44
2	Be 234.861	-2209433.7	-2209130.5	-7.87 mg/L	-7.87 mg/L	11:32:43
2	Ca 317.933	7364224.5	7364308.8	390 mg/L	390 mg/L	11:32:41
2	Cd 228.802	-361.3	-358.7	-0.042 mg/L	-0.042 mg/L	11:32:49
2	Cd 214.440	2604.6	2353.9	0.179 mg/L	0.179 mg/L	11:32:49
2	Co 228.616	1265.4	1382.6	0.275 mg/L	0.275 mg/L	11:32:49
2	Cr 205.560	6373.2	6406.1	1.09 mg/L	1.09 mg/L	11:32:49
2	Cr 267.716	28657.9	28485.4	1.25 mg/L	1.25 mg/L	11:32:44
2	Cu 327.393	213554.4	225970.6	1.33 mg/L	1.33 mg/L	11:32:44
2	Cu 324.752	444470.6	429787.0	1.34 mg/L	1.34 mg/L	11:32:43
2	Fe 273.955	3674839.2	3674835.6	1200 mg/L	1200 mg/L	11:32:43
2	Fe 259.939	10036257.9	10036225.5	360 mg/L	360 mg/L	11:32:41
2	Fe 238.204	4614666.1	4614514.2	299 mg/L	299 mg/L	11:32:43
2	K 766.490	Saturated2	Saturated2			11:32:49
Saturated in preshot (code 2)						
2	K 404.721	-833830.9	-820372.8	0.000 mg/L	0.000 mg/L	11:32:41
2	Li 670.784	Saturated2	Saturated2			11:32:49
Saturated in preshot (code 2)						
2	Mg 285.213	15962274.8	15961487.2	71.4 mg/L	71.4 mg/L	11:32:41
2	Mn 257.610	711851.5	711901.2	7.54 mg/L	7.54 mg/L	11:32:43
2	Mo 202.031	-149.7	-170.6	-0.048 mg/L	-0.048 mg/L	11:32:49
2	Na 589.592	Saturated2	Saturated2			11:32:49
Saturated in preshot (code 2)						
2	Na 330.237	12599.4	13429.0	8.62 mg/L	8.62 mg/L	11:32:44
2	Ni 231.604	5305.9	5204.1	0.744 mg/L	0.744 mg/L	11:32:49
2	Pb 220.353	2418.2	2396.1	1.29 mg/L	1.29 mg/L	11:32:49
2	Pb 217.000	917.6	913.2	1.12 mg/L	1.12 mg/L	11:32:49
2	Sb 206.836	75.1	48.1	0.040 mg/L	0.040 mg/L	11:32:49
2	Se 196.026	-413.3	-426.1	-0.611 mg/L	-0.611 mg/L	11:32:49
2	Se 203.985	-327.4	-273.0	-0.266 mg/L	-0.266 mg/L	11:32:49
2	Si 251.611	327157.6	326562.1	16.5 mg/L	16.5 mg/L	11:32:43
2	Ti 334.940	155749.9	156780.3	0.998 mg/L	0.998 mg/L	11:32:44
2	Tl 276.787	-53087.0	-53204.1	-37.0 mg/L	-37.0 mg/L	11:32:43
2	Tl 190.801	-206.2	-183.0	-0.623 mg/L	-0.623 mg/L	11:32:49
2	V 290.880	46013.9	35885.5	1.74 mg/L	1.74 mg/L	11:32:44
2	V 292.402	109517.0	109381.1	2.57 mg/L	2.57 mg/L	11:32:44
2	Zn 206.200	12344.4	12338.3	2.38 mg/L	2.38 mg/L	11:32:49
2	Zn 213.857	102097.3	101809.7	3.32 mg/L	3.32 mg/L	11:32:44
3	Ag 328.068	-80737.5	-80554.5	-0.678 mg/L	-0.678 mg/L	11:32:56
3	Ag 338.289	-5500.7	-5471.7	-0.125 mg/L	-0.125 mg/L	11:32:56
3	Al 308.215	10747885.3	10711706.3	867 mg/L	867 mg/L	11:32:53
3	Al 396.153	Saturated2	Saturated2			11:33:02
Saturated in preshot (code 2)						
3	As 188.979	146.5	134.3	0.251 mg/L	0.251 mg/L	11:33:02
3	As 193.696	-93.8	-70.6	-0.086 mg/L	-0.086 mg/L	11:32:56
3	B 182.528	64.8	58.6	0.161 mg/L	0.161 mg/L	11:33:02
3	B 249.677	-36663.3	-37496.0	-1.79 mg/L	-1.79 mg/L	11:32:56
3	Ba 233.527	47816.8	47886.7	4.52 mg/L	4.52 mg/L	11:32:56
3	Be 313.107	206184.7	59608.7	0.025 mg/L	0.025 mg/L	11:32:56
3	Be 234.861	-2198903.0	-2198599.8	-7.84 mg/L	-7.84 mg/L	11:32:55

3	Ca 317.933	7384746.6	7384830.9	392	mg/L	392 mg/L	11:32:53
3	Cd 228.802	-343.7	-341.0	-0.040	mg/L	-0.040 mg/L	11:33:02
3	Cd 214.440	2680.2	2429.5	0.185	mg/L	0.185 mg/L	11:33:0
3	Co 228.616	1264.6	1381.8	0.274	mg/L	0.274 mg/L	11:33:0
3	Cr 205.560	6537.0	6570.0	1.12	mg/L	1.12 mg/L	11:33:02
3	Cr 267.716	28398.6	28226.2	1.24	mg/L	1.24 mg/L	11:32:56
3	Cu 327.393	217294.7	229710.9	1.35	mg/L	1.35 mg/L	11:32:56
3	Cu 324.752	455896.9	441213.3	1.37	mg/L	1.37 mg/L	11:32:55
3	Fe 273.955	3686013.9	3686010.3	1200	mg/L	1200 mg/L	11:32:55
3	Fe 259.939	9978400.7	9978368.3	357	mg/L	357 mg/L	11:32:53
3	Fe 238.204	4538133.4	4537981.5	294	mg/L	294 mg/L	11:32:55
3	K 766.490	Saturated2	Saturated2				11:33:02
Saturated in preshot (code 2)							
3	K 404.721	-843719.6	-830261.5	0.000	mg/L	0.000 mg/L	11:32:53
3	Li 670.784	Saturated2	Saturated2				11:33:02
Saturated in preshot (code 2)							
3	Mg 285.213	15963563.8	15962776.3	71.4	mg/L	71.4 mg/L	11:32:53
3	Mn 257.610	714992.0	715041.7	7.58	mg/L	7.58 mg/L	11:32:55
3	Mo 202.031	-198.2	-219.1	-0.062	mg/L	-0.062 mg/L	11:33:02
3	Na 589.592	Saturated2	Saturated2				11:33:02
Saturated in preshot (code 2)							
3	Na 330.237	12924.6	13754.3	8.83	mg/L	8.83 mg/L	11:32:56
3	Ni 231.604	5312.8	5211.1	0.745	mg/L	0.745 mg/L	11:33:02
3	Pb 220.353	2484.1	2461.9	1.33	mg/L	1.33 mg/L	11:33:02
3	Pb 217.000	894.8	890.5	1.09	mg/L	1.09 mg/L	11:33:02
3	Sb 206.836	60.6	33.6	0.031	mg/L	0.031 mg/L	11:33:02
3	Se 196.026	-420.4	-433.3	-0.622	mg/L	-0.622 mg/L	11:33:02
3	Se 203.985	-306.4	-252.0	-0.245	mg/L	-0.245 mg/L	11:33:02
3	Si 251.611	342075.6	341480.1	17.2	mg/L	17.2 mg/L	11:32:55
3	Ti 334.940	157690.1	158720.6	1.01	mg/L	1.01 mg/L	11:32:56
3	Tl 276.787	-53066.6	-53183.7	-37.0	mg/L	-37.0 mg/L	11:32:55
3	Tl 190.801	-201.9	-178.7	-0.608	mg/L	-0.608 mg/L	11:33:02
3	V 290.880	45995.6	35867.1	1.74	mg/L	1.74 mg/L	11:32:56
3	V 292.402	109201.3	109065.4	2.56	mg/L	2.56 mg/L	11:32:56
3	Zn 206.200	12431.2	12425.2	2.39	mg/L	2.39 mg/L	11:33:02
3	Zn 213.857	101720.5	101433.0	3.31	mg/L	3.31 mg/L	11:32:5

Mean Data: M02070406-02A

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-80295.6	-0.676	mg/L	0.0019	-0.676	mg/L	0.0019	0.29%
Ag 338.289	-5388.0	-0.123	mg/L	0.0021	-0.123	mg/L	0.0021	1.74%
Al 308.215	10565052.8	855	mg/L	13.3	855	mg/L	13.3	1.56%
Al 396.153	Saturated2							
Saturated in preshot (code 2)								
As 188.979	129.7	0.243	mg/L	0.0123	0.243	mg/L	0.0123	5.08%
As 193.696	-47.1	-0.054	mg/L	0.0549	-0.054	mg/L	0.0549	102.61%
B 182.528	49.3	0.134	mg/L	0.0257	0.134	mg/L	0.0257	19.14%
B 249.677	-37199.6	-1.77	mg/L	0.018	-1.77	mg/L	0.018	1.03%
Ba 233.527	47993.1	4.53	mg/L	0.055	4.53	mg/L	0.055	1.21%
Be 313.107	59616.1	0.025	mg/L	0.0004	0.025	mg/L	0.0004	1.75%
Be 234.861	-2206529.9	-7.87	mg/L	0.025	-7.87	mg/L	0.025	0.32%
Ca 317.933	7318504.0	388	mg/L	5.2	388	mg/L	5.2	1.33%
Cd 228.802	-341.9	-0.040	mg/L	0.0019	-0.040	mg/L	0.0019	4.78%
Cd 214.440	2385.6	0.182	mg/L	0.0031	0.182	mg/L	0.0031	1.71%
Co 228.616	1372.6	0.273	mg/L	0.0032	0.273	mg/L	0.0032	1.19%
Cr 205.560	6457.8	1.10	mg/L	0.017	1.10	mg/L	0.017	1.51%
Cr 267.716	28138.7	1.24	mg/L	0.017	1.24	mg/L	0.017	1.41%
Cu 327.393	228116.7	1.34	mg/L	0.011	1.34	mg/L	0.011	0.84%
Cu 324.752	433128.5	1.35	mg/L	0.022	1.35	mg/L	0.022	1.61%
Fe 273.955	3682489.8	1200	mg/L	2.2	1200	mg/L	2.2	0.18%
Fe 259.939	9980351.2	358	mg/L	2.0	358	mg/L	2.0	0.55%
Fe 238.204	4597964.5	298	mg/L	3.5	298	mg/L	3.5	1.17%
K 766.490	Saturated2							
Saturated in preshot (code 2)								
K 404.721	-820268.2	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	Saturated2							
Saturated in preshot (code 2)								
Mg 285.213	15912412.7	71.2	mg/L	0.39	71.2	mg/L	0.39	0.54%
Mn 257.610	713314.7	7.56	mg/L	0.017	7.56	mg/L	0.017	0.22%
Mo 202.031	-188.2	-0.053	mg/L	0.0077	-0.053	mg/L	0.0077	14.56%
Na 589.592	Saturated2							

Saturated in preshot (code 2)						
Na 330.237	13594.7	8.72 mg/L	0.105	8.72 mg/L	0.105	1.20%
Ni 231.604	5189.3	0.742 mg/L	0.0045	0.742 mg/L	0.0045	0.61%
Pb 220.353	2419.3	1.31 mg/L	0.020	1.31 mg/L	0.020	1.51%
Pb 217.000	899.5	1.10 mg/L	0.015	1.10 mg/L	0.015	1.32%
Sb 206.836	36.0	0.032 mg/L	0.0072	0.032 mg/L	0.0072	22.38%
Se 196.026	-423.8	-0.608 mg/L	0.0155	-0.608 mg/L	0.0155	2.54%
Se 203.985	-253.2	-0.246 mg/L	0.0194	-0.246 mg/L	0.0194	7.88%
Si 251.611	330779.3	16.7 mg/L	0.47	16.7 mg/L	0.47	2.82%
Ti 334.940	157846.3	1.00 mg/L	0.006	1.00 mg/L	0.006	0.62%
Tl 276.787	-52924.7	-36.8 mg/L	0.32	-36.8 mg/L	0.32	0.88%
Tl 190.801	-173.8	-0.590 mg/L	0.0449	-0.590 mg/L	0.0449	7.62%
V 290.880	35874.8	1.74 mg/L	0.000	1.74 mg/L	0.000	0.03%
V 292.402	108933.2	2.56 mg/L	0.012	2.56 mg/L	0.012	0.48%
Zn 206.200	12327.6	2.37 mg/L	0.020	2.37 mg/L	0.020	0.86%
Zn 213.857	101453.6	3.31 mg/L	0.011	3.31 mg/L	0.011	0.35%

Sequence No.: 22 **Autosampler Location: 22**
Sample ID: M02070406-03A **Date Collected: 7/16/02 11:33:39 AM**
Analyst:
Nebulizer Back Pressure: 342.0 kPa **Nebulizer Flow: 0.85 L/min**
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Replicate Data: M02070406-03A

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	-117837.4	-117654.4	-0.993	mg/L	-0.993	mg/L	11:35:25
1	Ag 338.289	-5792.8	-5763.8	-0.132	mg/L	-0.132	mg/L	11:35:32
1	Al 308.215	14017036.0	13980857.0	1130	mg/L	1130	mg/L	11:35:22
1	Al 396.153	Saturated3	Saturated3					11:35:32
Saturated in preshot (code 3)								
1	As 188.979	183.6	171.5	0.320	mg/L	0.320	mg/L	11:35:32
1	As 193.696	-165.9	-142.7	-0.184	mg/L	-0.184	mg/L	11:35:32
1	B 182.528	72.4	66.1	0.182	mg/L	0.182	mg/L	11:35:32
1	B 249.677	-51556.2	-52388.9	-2.50	mg/L	-2.50	mg/L	11:35:25
1	Ba 233.527	55736.8	55806.7	5.27	mg/L	5.27	mg/L	11:35:25
1	Be 313.107	197494.6	50918.7	0.019	mg/L	0.019	mg/L	11:35:25
1	Be 234.861	-2509343.0	-2509039.8	-8.94	mg/L	-8.94	mg/L	11:35:24
1	Ca 317.933	39480322.7	39480407.0	2090	mg/L	2090	mg/L	11:35:22
1	Cd 228.802	354.5	357.1	0.042	mg/L	0.042	mg/L	11:35:32
1	Cd 214.440	4378.0	4127.3	0.320	mg/L	0.320	mg/L	11:35:32
1	Co 228.616	2369.4	2486.6	0.488	mg/L	0.488	mg/L	11:35:32
1	Cr 205.560	8145.2	8178.1	1.39	mg/L	1.39	mg/L	11:35:32
1	Cr 267.716	33549.7	33377.2	1.46	mg/L	1.46	mg/L	11:35:25
1	Cu 327.393	389918.6	402334.8	2.36	mg/L	2.36	mg/L	11:35:25
1	Cu 324.752	804833.2	790149.6	2.45	mg/L	2.45	mg/L	11:35:25
1	Fe 273.955	4133171.5	4133167.9	1350	mg/L	1350	mg/L	11:35:24
1	Fe 259.939	9451895.8	9451863.4	339	mg/L	339	mg/L	11:35:22
1	Fe 238.204	4454488.3	4454336.5	288	mg/L	288	mg/L	11:35:24
1	K 766.490	Saturated2	Saturated2					11:35:32
Saturated in preshot (code 2)								
1	K 404.721	Saturated2	Saturated2					11:35:32
Saturated in preshot (code 2)								
1	Li 670.784	Saturated2	Saturated2					11:35:32
Saturated in preshot (code 2)								
1	Mg 285.213	27032297.2	27031509.7	121	mg/L	121	mg/L	11:35:22
1	Mn 257.610	1115595.6	1115645.3	11.8	mg/L	11.8	mg/L	11:35:24
1	Mo 202.031	-312.5	-333.3	-0.095	mg/L	-0.095	mg/L	11:35:32
1	Na 589.592	Saturated2	Saturated2					11:35:32
Saturated in preshot (code 2)								
1	Na 330.237	30652.8	31482.4	20.3	mg/L	20.3	mg/L	11:35:25
1	Ni 231.604	7820.0	7718.3	1.10	mg/L	1.10	mg/L	11:35:32
1	Pb 220.353	6095.4	6073.3	3.25	mg/L	3.25	mg/L	11:35:32
1	Pb 217.000	4230.0	4225.6	5.10	mg/L	5.10	mg/L	11:35:32
1	Sb 206.836	-30.2	-57.2	-0.029	mg/L	-0.029	mg/L	11:35:32
1	Se 196.026	-678.1	-690.9	-0.989	mg/L	-0.989	mg/L	11:35:32
1	Se 203.985	-215.5	-161.0	-0.153	mg/L	-0.153	mg/L	11:35:32
1	Si 251.611	226115.9	225520.4	11.4	mg/L	11.4	mg/L	11:35:25
1	Ti 334.940	76709.8	77740.2	0.497	mg/L	0.497	mg/L	11:35:25
1	Tl 276.787	-78457.9	-78575.0	-54.6	mg/L	-54.6	mg/L	11:35:25

1	Tl 190.801	-202.9	-179.7	-0.611 mg/L	-0.611 mg/L	11:35:32
1	V 290.880	45929.1	35800.7	1.74 mg/L	1.74 mg/L	11:35:25
1	V 292.402	125612.2	125476.3	2.95 mg/L	2.95 mg/L	11:35:25
1	Zn 206.200	47075.1	47069.1	9.21 mg/L	9.21 mg/L	11:35:25
1	Zn 213.857	359150.7	358863.2	11.8 mg/L	11.8 mg/L	11:35:2
2	Ag 328.068	-119181.9	-118998.9	-1.00 mg/L	-1.00 mg/L	11:35:40
2	Ag 338.289	-5871.1	-5842.1	-0.134 mg/L	-0.134 mg/L	11:35:46
2	Al 308.215	14186968.8	14150789.8	1150 mg/L	1150 mg/L	11:35:37
2	Al 396.153	Saturated3	Saturated3			11:35:46
Saturated in preshot (code 3)						
2	As 188.979	228.1	215.9	0.403 mg/L	0.403 mg/L	11:35:46
2	As 193.696	-111.6	-88.4	-0.110 mg/L	-0.110 mg/L	11:35:46
2	B 182.528	42.4	36.1	0.096 mg/L	0.096 mg/L	11:35:46
2	B 249.677	-52965.6	-53798.3	-2.56 mg/L	-2.56 mg/L	11:35:40
2	Ba 233.527	57633.4	57703.3	5.45 mg/L	5.45 mg/L	11:35:40
2	Be 313.107	197275.7	50699.8	0.019 mg/L	0.019 mg/L	11:35:40
2	Be 234.861	-2522479.0	-2522175.8	-8.99 mg/L	-8.99 mg/L	11:35:38
2	Ca 317.933	39044775.4	39044859.7	2070 mg/L	2070 mg/L	11:35:37
2	Cd 228.802	352.8	355.4	0.042 mg/L	0.042 mg/L	11:35:46
2	Cd 214.440	4399.0	4148.3	0.321 mg/L	0.321 mg/L	11:35:46
2	Co 228.616	2348.6	2465.8	0.484 mg/L	0.484 mg/L	11:35:46
2	Cr 205.560	8251.4	8284.3	1.41 mg/L	1.41 mg/L	11:35:46
2	Cr 267.716	34956.4	34783.9	1.53 mg/L	1.53 mg/L	11:35:40
2	Cu 327.393	383029.0	395445.2	2.32 mg/L	2.32 mg/L	11:35:40
2	Cu 324.752	789905.6	775221.9	2.40 mg/L	2.40 mg/L	11:35:40
2	Fe 273.955	4161307.1	4161303.5	1360 mg/L	1360 mg/L	11:35:38
2	Fe 259.939	9331179.6	9331147.2	334 mg/L	334 mg/L	11:35:37
2	Fe 238.204	4376341.8	4376190.0	283 mg/L	283 mg/L	11:35:38
2	K 766.490	Saturated2	Saturated2			11:35:46
Saturated in preshot (code 2)						
2	K 404.721	Saturated2	Saturated2			11:35:46
Saturated in preshot (code 2)						
2	Li 670.784	Saturated2	Saturated2			11:35:46
Saturated in preshot (code 2)						
2	Mg 285.213	26985443.5	26984655.9	121 mg/L	121 mg/L	11:35:37
2	Mn 257.610	1132713.7	1132763.4	12.0 mg/L	12.0 mg/L	11:35:38
2	Mo 202.031	-296.0	-316.9	-0.090 mg/L	-0.090 mg/L	11:35:46
2	Na 589.592	Saturated2	Saturated2			11:35:4
Saturated in preshot (code 2)						
2	Na 330.237	30764.7	31594.4	20.3 mg/L	20.3 mg/L	11:35:40
2	Ni 231.604	7855.2	7753.5	1.11 mg/L	1.11 mg/L	11:35:46
2	Pb 220.353	6138.0	6115.8	3.27 mg/L	3.27 mg/L	11:35:46
2	Pb 217.000	4353.6	4349.2	5.25 mg/L	5.25 mg/L	11:35:46
2	Sb 206.836	-3.4	-30.4	-0.011 mg/L	-0.011 mg/L	11:35:46
2	Se 196.026	-676.9	-689.8	-0.987 mg/L	-0.987 mg/L	11:35:46
2	Se 203.985	-229.5	-175.1	-0.167 mg/L	-0.167 mg/L	11:35:46
2	Si 251.611	234134.9	233539.4	11.8 mg/L	11.8 mg/L	11:35:40
2	Ti 334.940	77909.8	78940.3	0.505 mg/L	0.505 mg/L	11:35:40
2	Tl 276.787	-78079.5	-78196.6	-54.3 mg/L	-54.3 mg/L	11:35:40
2	Tl 190.801	-225.3	-202.1	-0.692 mg/L	-0.692 mg/L	11:35:46
2	V 290.880	47065.2	36936.7	1.79 mg/L	1.79 mg/L	11:35:40
2	V 292.402	128417.7	128281.8	3.02 mg/L	3.02 mg/L	11:35:40
2	Zn 206.200	49609.8	49603.8	9.70 mg/L	9.70 mg/L	11:35:40
2	Zn 213.857	370405.2	370117.7	12.2 mg/L	12.2 mg/L	11:35:40
3	Ag 328.068	-121624.0	-121441.0	-1.03 mg/L	-1.03 mg/L	11:35:54
3	Ag 338.289	-6041.2	-6012.2	-0.138 mg/L	-0.138 mg/L	11:36:00
3	Al 308.215	14349799.7	14313620.7	1160 mg/L	1160 mg/L	11:35:51
3	Al 396.153	Saturated3	Saturated3			11:36:00
Saturated in preshot (code 3)						
3	As 188.979	198.5	186.3	0.348 mg/L	0.348 mg/L	11:36:00
3	As 193.696	-157.8	-134.7	-0.173 mg/L	-0.173 mg/L	11:36:00
3	B 182.528	48.8	42.6	0.115 mg/L	0.115 mg/L	11:36:00
3	B 249.677	-53247.0	-54079.6	-2.58 mg/L	-2.58 mg/L	11:35:54
3	Ba 233.527	57348.9	57418.7	5.42 mg/L	5.42 mg/L	11:35:54
3	Be 313.107	198589.2	52013.3	0.020 mg/L	0.020 mg/L	11:35:54
3	Be 234.861	-2501834.4	-2501531.2	-8.92 mg/L	-8.92 mg/L	11:35:53
3	Ca 317.933	39607120.3	39607204.6	2100 mg/L	2100 mg/L	11:35:51
3	Cd 228.802	352.1	354.7	0.042 mg/L	0.042 mg/L	11:36:00
3	Cd 214.440	4462.7	4212.0	0.326 mg/L	0.326 mg/L	11:36:00
3	Co 228.616	2398.5	2515.7	0.494 mg/L	0.494 mg/L	11:36:0
3	Cr 205.560	8202.7	8235.6	1.40 mg/L	1.40 mg/L	11:36:
3	Cr 267.716	34398.9	34226.4	1.50 mg/L	1.50 mg/L	11:35:54
3	Cu 327.393	400532.2	412948.4	2.42 mg/L	2.42 mg/L	11:35:54

3	Cu 324.752	829250.6	814566.9	2.52 mg/L	2.52 mg/L	11:35:54
3	Fe 273.955	4113534.4	4113530.8	1340 mg/L	1340 mg/L	11:35:53
3	Fe 259.939	9441801.3	9441768.9	338 mg/L	338 mg/L	11:35:51
3	Fe 238.204	4327735.7	4327583.9	280 mg/L	280 mg/L	11:35:53
3	K 766.490	Saturated2	Saturated2			11:36:00
Saturated in preshot (code 2)						
3	K 404.721	Saturated2	Saturated2			11:36:00
Saturated in preshot (code 2)						
3	Li 670.784	Saturated2	Saturated2			11:36:00
Saturated in preshot (code 2)						
3	Mg 285.213	27258764.5	27257976.9	122 mg/L	122 mg/L	11:35:51
3	Mn 257.610	1117103.9	1117153.6	11.8 mg/L	11.8 mg/L	11:35:53
3	Mo 202.031	-314.1	-335.0	-0.095 mg/L	-0.095 mg/L	11:36:00
3	Na 589.592	Saturated2	Saturated2			11:36:00
Saturated in preshot (code 2)						
3	Na 330.237	31866.6	32696.2	21.1 mg/L	21.1 mg/L	11:35:54
3	Ni 231.604	7923.3	7821.6	1.12 mg/L	1.12 mg/L	11:36:00
3	Pb 220.353	6208.4	6186.3	3.31 mg/L	3.31 mg/L	11:36:00
3	Pb 217.000	4483.1	4478.8	5.40 mg/L	5.40 mg/L	11:36:00
3	Sb 206.836	-33.7	-60.7	-0.031 mg/L	-0.031 mg/L	11:36:00
3	Se 196.026	-692.9	-705.8	-1.01 mg/L	-1.01 mg/L	11:36:00
3	Se 203.985	-285.2	-230.7	-0.223 mg/L	-0.223 mg/L	11:36:00
3	Si 251.611	248257.9	247662.4	12.5 mg/L	12.5 mg/L	11:35:54
3	Ti 334.940	79042.2	80072.6	0.512 mg/L	0.512 mg/L	11:35:54
3	Tl 276.787	-81096.4	-81213.5	-56.4 mg/L	-56.4 mg/L	11:35:54
3	Tl 190.801	-237.4	-214.1	-0.736 mg/L	-0.736 mg/L	11:36:00
3	V 290.880	46830.2	36701.7	1.78 mg/L	1.78 mg/L	11:35:54
3	V 292.402	129039.2	128903.3	3.03 mg/L	3.03 mg/L	11:35:54
3	Zn 206.200	48622.3	48616.3	9.51 mg/L	9.51 mg/L	11:35:54
3	Zn 213.857	369844.5	369557.0	12.2 mg/L	12.2 mg/L	11:35:54

Mean Data: M02070406-03A

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-119364.8	-1.01	mg/L	0.016	-1.01	mg/L	0.016	1.62%
Ag 338.289	-5872.7	-0.135	mg/L	0.0031	-0.135	mg/L	0.0031	2.28%
Al 308.215	14148422.5	1150	mg/L	13.5	1150	mg/L	13.5	1.18%
Al 396.153	Saturated3							
Saturated in preshot (code 3)								
As 188.979	191.3	0.357	mg/L	0.0420	0.357	mg/L	0.0420	11.76%
As 193.696	-121.9	-0.156	mg/L	0.0401	-0.156	mg/L	0.0401	25.71%
B 182.528	48.3	0.131	mg/L	0.0452	0.131	mg/L	0.0452	34.49%
B 249.677	-53422.3	-2.55	mg/L	0.043	-2.55	mg/L	0.043	1.70%
Ba 233.527	56976.2	5.38	mg/L	0.097	5.38	mg/L	0.097	1.80%
Be 313.107	51210.6	0.019	mg/L	0.0005	0.019	mg/L	0.0005	2.51%
Be 234.861	-2510915.6	-8.95	mg/L	0.037	-8.95	mg/L	0.037	0.42%
Ca 317.933	39377490.4	2090	mg/L	15.6	2090	mg/L	15.6	0.75%
Cd 228.802	355.8	0.042	mg/L	0.0001	0.042	mg/L	0.0001	0.35%
Cd 214.440	4162.5	0.322	mg/L	0.0035	0.322	mg/L	0.0035	1.08%
Co 228.616	2489.4	0.489	mg/L	0.0048	0.489	mg/L	0.0048	0.99%
Cr 205.560	8232.6	1.40	mg/L	0.009	1.40	mg/L	0.009	0.65%
Cr 267.716	34129.2	1.50	mg/L	0.031	1.50	mg/L	0.031	2.07%
Cu 327.393	403576.1	2.37	mg/L	0.051	2.37	mg/L	0.051	2.17%
Cu 324.752	793312.8	2.46	mg/L	0.061	2.46	mg/L	0.061	2.49%
Fe 273.955	4136000.7	1350	mg/L	7.8	1350	mg/L	7.8	0.58%
Fe 259.939	9408259.8	337	mg/L	2.4	337	mg/L	2.4	0.71%
Fe 238.204	4386036.8	284	mg/L	4.1	284	mg/L	4.1	1.46%
K 766.490	Saturated2							
Saturated in preshot (code 2)								
K 404.721	Saturated2							
Saturated in preshot (code 2)								
Li 670.784	Saturated2							
Saturated in preshot (code 2)								
Mg 285.213	27091380.8	121	mg/L	0.7	121	mg/L	0.7	0.54%
Mn 257.610	1121854.1	11.9	mg/L	0.10	11.9	mg/L	0.10	0.84%
Mo 202.031	-328.4	-0.093	mg/L	0.0029	-0.093	mg/L	0.0029	3.08%
Na 589.592	Saturated2							
Saturated in preshot (code 2)								
Na 330.237	31924.3	20.6	mg/L	0.43	20.6	mg/L	0.43	2.11%
Ni 231.604	7764.5	1.11	mg/L	0.007	1.11	mg/L	0.007	0.67%
Pb 220.353	6125.1	3.28	mg/L	0.030	3.28	mg/L	0.030	0.93%
Pb 217.000	4351.2	5.25	mg/L	0.152	5.25	mg/L	0.152	2.90%

Sb 206.836	-49.4	-0.024 mg/L	0.0109	-0.024 mg/L	0.0109	45.92%
Se 196.026	-695.5	-0.995 mg/L	0.0127	-0.995 mg/L	0.0127	1.28%
Se 203.985	-188.9	-0.181 mg/L	0.0371	-0.181 mg/L	0.0371	20.50%
Si 251.611	235574.1	11.9 mg/L	0.57	11.9 mg/L	0.57	4.76%
Ti 334.940	78917.7	0.505 mg/L	0.0074	0.505 mg/L	0.0074	1.46%
Tl 276.787	-79328.4	-55.1 mg/L	1.14	-55.1 mg/L	1.14	2.07%
Tl 190.801	-198.6	-0.680 mg/L	0.0633	-0.680 mg/L	0.0633	9.31%
V 290.880	36479.7	1.77 mg/L	0.030	1.77 mg/L	0.030	1.67%
V 292.402	127553.8	3.00 mg/L	0.043	3.00 mg/L	0.043	1.43%
Zn 206.200	48429.7	9.47 mg/L	0.251	9.47 mg/L	0.251	2.65%
Zn 213.857	366179.3	12.1 mg/L	0.21	12.1 mg/L	0.21	1.74%

Sequence No.: 23
Sample ID: M02070406-04A
Analyst:
Nebulizer Back Pressure: 342.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 23
Date Collected: 7/16/02 11:36:38 AM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070406-04A

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	-2813.1	-2630.1	-0.015	mg/L	-0.015	mg/L	11:38:27
1	Ag 338.289	8863.9	8892.9	0.223	mg/L	0.223	mg/L	11:38:27
1	Al 308.215	359541.3	323362.3	26.0	mg/L	26.0	mg/L	11:38:20
1	Al 396.153	37480.3	37345.1	25.1	mg/L	25.1	mg/L	11:38:20
1	As 188.979	20.6	8.5	0.018	mg/L	0.018	mg/L	11:38:27
1	As 193.696	-63.5	-40.4	-0.044	mg/L	-0.044	mg/L	11:38:27
1	B 182.528	166.2	159.9	0.450	mg/L	0.450	mg/L	11:38:27
1	B 249.677	10814.2	9981.5	0.475	mg/L	0.475	mg/L	11:38:27
1	Ba 233.527	37900.8	37970.7	3.58	mg/L	3.58	mg/L	11:38:27
1	Be 313.107	130549.4	-16026.5	-0.027	mg/L	-0.027	mg/L	11:38:20
1	Be 234.861	-199.6	103.6	-0.011	mg/L	-0.011	mg/L	11:38:27
1	Ca 317.933	Saturated3	Saturated3					11:38:2[illegible]
Saturated in preshot (code 3)								
1	Cd 228.802	7926.4	7929.1	0.935	mg/L	0.935	mg/L	11:38:27
1	Cd 214.440	4717.7	4467.0	0.347	mg/L	0.347	mg/L	11:38:27
1	Co 228.616	348.9	466.1	0.097	mg/L	0.097	mg/L	11:38:27
1	Cr 205.560	35.6	68.5	0.011	mg/L	0.011	mg/L	11:38:27
1	Cr 267.716	402.6	230.2	0.011	mg/L	0.011	mg/L	11:38:27
1	Cu 327.393	456638.8	469055.0	2.75	mg/L	2.75	mg/L	11:38:20
1	Cu 324.752	999351.7	984668.0	3.05	mg/L	3.05	mg/L	11:38:20
1	Fe 273.955	3457.2	3453.5	1.10	mg/L	1.10	mg/L	11:38:27
1	Fe 259.939	21937.7	21905.3	0.761	mg/L	0.761	mg/L	11:38:27
1	Fe 238.204	14263.8	14111.9	0.889	mg/L	0.889	mg/L	11:38:27
1	K 766.490	Saturated2	Saturated2					11:38:27
Saturated in preshot (code 2)								
1	K 404.721	-11071.9	2386.2	0.000	mg/L	0.000	mg/L	11:38:20
1	Li 670.784	932507.5	933014.0	0.769	mg/L	0.769	mg/L	11:38:18
1	Mg 285.213	33048244.9	33047457.3	148	mg/L	148	mg/L	11:38:18
1	Mn 257.610	635471.5	635521.2	6.74	mg/L	6.74	mg/L	11:38:20
1	Mo 202.031	-3.6	-24.5	-0.006	mg/L	-0.006	mg/L	11:38:27
1	Na 589.592	Saturated3	Saturated3					11:38:27
Saturated in preshot (code 3)								
1	Na 330.237	36765.8	37595.4	24.2	mg/L	24.2	mg/L	11:38:20
1	Ni 231.604	3571.3	3469.6	0.497	mg/L	0.497	mg/L	11:38:27
1	Pb 220.353	3578.2	3556.0	1.91	mg/L	1.91	mg/L	11:38:27
1	Pb 217.000	2968.8	2964.4	3.58	mg/L	3.58	mg/L	11:38:27
1	Sb 206.836	33.4	6.4	0.013	mg/L	0.013	mg/L	11:38:27
1	Se 196.026	6.5	-6.4	-0.013	mg/L	-0.013	mg/L	11:38:27
1	Se 203.985	85.3	139.7	0.150	mg/L	0.150	mg/L	11:38:27
1	Si 251.611	224763.8	224168.3	11.3	mg/L	11.3	mg/L	11:38:20
1	Ti 334.940	-21237.3	-20206.8	-0.123	mg/L	-0.123	mg/L	11:38:20
1	Tl 276.787	3643.5	3526.4	2.47	mg/L	2.47	mg/L	11:38:27
1	Tl 190.801	-106.1	-82.9	-0.261	mg/L	-0.261	mg/L	11:38:27
1	V 290.880	8727.3	-1401.1	-0.098	mg/L	-0.098	mg/L	11:38:20
1	V 292.402	108.8	-27.1	-0.001	mg/L	-0.001	mg/L	11:38:[illegible]
1	Zn 206.200	22828.0	22822.0	4.44	mg/L	4.44	mg/L	11:38:27
1	Zn 213.857	231826.8	231539.3	7.62	mg/L	7.62	mg/L	11:38:20
2	Ag 328.068	-2850.3	-2667.3	-0.016	mg/L	-0.016	mg/L	11:38:37
2	Ag 338.289	9008.1	9037.1	0.226	mg/L	0.226	mg/L	11:38:37

2	Al 308.215	352323.8	316144.8	25.5 mg/L	25.5 mg/L	11:38:31
2	Al 396.153	35218.0	35082.7	23.6 mg/L	23.6 mg/L	11:38:31
2	As 188.979	12.2	0.1	0.002 mg/L	0.002 mg/L	11:38:37
2	As 193.696	-83.3	-60.2	-0.071 mg/L	-0.071 mg/L	11:38:37
2	B 182.528	170.0	163.7	0.461 mg/L	0.461 mg/L	11:38:37
2	B 249.677	10945.1	10112.5	0.482 mg/L	0.482 mg/L	11:38:37
2	Ba 233.527	37971.2	38041.0	3.59 mg/L	3.59 mg/L	11:38:37
2	Be 313.107	129839.8	-16736.1	-0.028 mg/L	-0.028 mg/L	11:38:31
2	Be 234.861	23.3	326.5	-0.010 mg/L	-0.010 mg/L	11:38:37
2	Ca 317.933	Saturated3	Saturated3			11:38:37
Saturated in preshot (code 3)						
2	Cd 228.802	8002.6	8005.2	0.944 mg/L	0.944 mg/L	11:38:37
2	Cd 214.440	4719.9	4469.2	0.347 mg/L	0.347 mg/L	11:38:37
2	Co 228.616	380.1	497.3	0.103 mg/L	0.103 mg/L	11:38:37
2	Cr 205.560	19.7	52.6	0.008 mg/L	0.008 mg/L	11:38:37
2	Cr 267.716	396.2	223.7	0.011 mg/L	0.011 mg/L	11:38:37
2	Cu 327.393	451936.1	464352.3	2.72 mg/L	2.72 mg/L	11:38:31
2	Cu 324.752	986812.5	972128.9	3.01 mg/L	3.01 mg/L	11:38:31
2	Fe 273.955	3121.8	3118.1	0.994 mg/L	0.994 mg/L	11:38:37
2	Fe 259.939	19520.5	19488.1	0.675 mg/L	0.675 mg/L	11:38:37
2	Fe 238.204	12672.5	12520.7	0.786 mg/L	0.786 mg/L	11:38:37
2	K 766.490	Saturated2	Saturated2			11:38:37
Saturated in preshot (code 2)						
2	K 404.721	-11253.5	2204.6	0.000 mg/L	0.000 mg/L	11:38:31
2	Li 670.784	966042.3	966548.7	0.795 mg/L	0.795 mg/L	11:38:29
2	Mg 285.213	33100531.0	33099743.4	148 mg/L	148 mg/L	11:38:29
2	Mn 257.610	636462.9	636512.6	6.75 mg/L	6.75 mg/L	11:38:31
2	Mo 202.031	-8.6	-29.4	-0.007 mg/L	-0.007 mg/L	11:38:37
2	Na 589.592	Saturated3	Saturated3			11:38:37
Saturated in preshot (code 3)						
2	Na 330.237	36210.1	37039.8	23.9 mg/L	23.9 mg/L	11:38:31
2	Ni 231.604	3578.5	3476.8	0.498 mg/L	0.498 mg/L	11:38:37
2	Pb 220.353	3616.6	3594.5	1.93 mg/L	1.93 mg/L	11:38:37
2	Pb 217.000	3032.4	3028.0	3.66 mg/L	3.66 mg/L	11:38:37
2	Sb 206.836	21.7	-5.3	0.005 mg/L	0.005 mg/L	11:38:37
2	Se 196.026	-15.7	-28.6	-0.045 mg/L	-0.045 mg/L	11:38:37
2	Se 203.985	57.7	112.2	0.122 mg/L	0.122 mg/L	11:38:37
2	Si 251.611	224088.3	223492.8	11.3 mg/L	11.3 mg/L	11:38:31
2	Ti 334.940	-20027.2	-18996.8	-0.116 mg/L	-0.116 mg/L	11:38:31
2	Tl 276.787	3600.4	3483.3	2.44 mg/L	2.44 mg/L	11:38:37
2	Tl 190.801	-82.7	-59.5	-0.176 mg/L	-0.176 mg/L	11:38:37
2	V 290.880	8638.3	-1490.2	-0.102 mg/L	-0.102 mg/L	11:38:31
2	V 292.402	163.8	28.0	0.000 mg/L	0.000 mg/L	11:38:37
2	Zn 206.200	22743.6	22737.5	4.42 mg/L	4.42 mg/L	11:38:37
2	Zn 213.857	231455.8	231168.3	7.61 mg/L	7.61 mg/L	11:38:31
3	Ag 328.068	-2819.4	-2636.4	-0.015 mg/L	-0.015 mg/L	11:38:48
3	Ag 338.289	8927.6	8956.6	0.224 mg/L	0.224 mg/L	11:38:48
3	Al 308.215	358916.1	322737.1	26.0 mg/L	26.0 mg/L	11:38:42
3	Al 396.153	36862.8	36727.5	24.7 mg/L	24.7 mg/L	11:38:42
3	As 188.979	14.8	2.7	0.007 mg/L	0.007 mg/L	11:38:48
3	As 193.696	-75.0	-51.9	-0.060 mg/L	-0.060 mg/L	11:38:48
3	B 182.528	167.5	161.3	0.454 mg/L	0.454 mg/L	11:38:48
3	B 249.677	10959.9	10127.2	0.482 mg/L	0.482 mg/L	11:38:48
3	Ba 233.527	38253.5	38323.3	3.62 mg/L	3.62 mg/L	11:38:48
3	Be 313.107	129839.0	-16736.9	-0.028 mg/L	-0.028 mg/L	11:38:42
3	Be 234.861	250.8	554.0	-0.010 mg/L	-0.010 mg/L	11:38:48
3	Ca 317.933	Saturated3	Saturated3			11:38:48
Saturated in preshot (code 3)						
3	Cd 228.802	8052.2	8054.9	0.949 mg/L	0.949 mg/L	11:38:48
3	Cd 214.440	4717.3	4466.5	0.347 mg/L	0.347 mg/L	11:38:48
3	Co 228.616	339.6	456.8	0.096 mg/L	0.096 mg/L	11:38:48
3	Cr 205.560	13.2	46.1	0.007 mg/L	0.007 mg/L	11:38:48
3	Cr 267.716	513.6	341.2	0.016 mg/L	0.016 mg/L	11:38:48
3	Cu 327.393	461614.2	474030.4	2.78 mg/L	2.78 mg/L	11:38:42
3	Cu 324.752	1010117.8	995434.1	3.08 mg/L	3.08 mg/L	11:38:42
3	Fe 273.955	2800.4	2796.8	0.889 mg/L	0.889 mg/L	11:38:48
3	Fe 259.939	17637.7	17605.3	0.607 mg/L	0.607 mg/L	11:38:48
3	Fe 238.204	11587.9	11436.1	0.715 mg/L	0.715 mg/L	11:38:48
3	K 766.490	Saturated2	Saturated2			11:38:48
Saturated in preshot (code 2)						
3	K 404.721	-10890.1	2568.0	0.000 mg/L	0.000 mg/L	11:38:42
3	Li 670.784	972347.3	972853.8	0.801 mg/L	0.801 mg/L	11:38:40
3	Mg 285.213	33113489.9	33112702.3	148 mg/L	148 mg/L	11:38:40

3	Mn 257.610	644198.8	644248.5	6.83 mg/L	6.83 mg/L	11:38:42
3	Mo 202.031	-23.0	-43.8	-0.011 mg/L	-0.011 mg/L	11:38:48
3	Na 589.592	Saturated3	Saturated3			11:38:4
Saturated in preshot (code 3)						
3	Na 330.237	37005.1	37834.8	24.4 mg/L	24.4 mg/L	11:38:42
3	Ni 231.604	3618.8	3517.0	0.504 mg/L	0.504 mg/L	11:38:48
3	Pb 220.353	3604.8	3582.6	1.93 mg/L	1.93 mg/L	11:38:48
3	Pb 217.000	3084.1	3079.7	3.72 mg/L	3.72 mg/L	11:38:48
3	Sb 206.836	19.5	-7.5	0.004 mg/L	0.004 mg/L	11:38:48
3	Se 196.026	-3.2	-16.1	-0.027 mg/L	-0.027 mg/L	11:38:48
3	Se 203.985	64.3	118.7	0.129 mg/L	0.129 mg/L	11:38:48
3	Si 251.611	227505.4	226909.9	11.5 mg/L	11.5 mg/L	11:38:42
3	Ti 334.940	-20806.7	-19776.3	-0.121 mg/L	-0.121 mg/L	11:38:42
3	Tl 276.787	3650.2	3533.1	2.48 mg/L	2.48 mg/L	11:38:48
3	Tl 190.801	-56.7	-33.5	-0.082 mg/L	-0.082 mg/L	11:38:48
3	V 290.880	8782.9	-1345.5	-0.095 mg/L	-0.095 mg/L	11:38:42
3	V 292.402	125.6	-10.3	-0.001 mg/L	-0.001 mg/L	11:38:48
3	Zn 206.200	22934.3	22928.2	4.46 mg/L	4.46 mg/L	11:38:48
3	Zn 213.857	234698.0	234410.4	7.72 mg/L	7.72 mg/L	11:38:42

Mean Data: M02070406-04A

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-2644.6	-0.015	mg/L	0.0002	-0.015	mg/L	0.0002	1.09%
Ag 338.289	8962.2	0.224	mg/L	0.0017	0.224	mg/L	0.0017	0.78%
Al 308.215	320748.0	25.8	mg/L	0.32	25.8	mg/L	0.32	1.25%
Al 396.153	36385.1	24.5	mg/L	0.79	24.5	mg/L	0.79	3.21%
As 188.979	3.8	0.009	mg/L	0.0079	0.009	mg/L	0.0079	86.06%
As 193.696	-50.8	-0.059	mg/L	0.0136	-0.059	mg/L	0.0136	23.22%
B 182.528	161.6	0.455	mg/L	0.0055	0.455	mg/L	0.0055	1.21%
B 249.677	10073.7	0.480	mg/L	0.0038	0.480	mg/L	0.0038	0.80%
Ba 233.527	38111.6	3.60	mg/L	0.018	3.60	mg/L	0.018	0.49%
Be 313.107	-16499.8	-0.027	mg/L	0.0003	-0.027	mg/L	0.0003	1.03%
Be 234.861	328.0	-0.010	mg/L	0.0008	-0.010	mg/L	0.0008	7.69%
Ca 317.933	Saturated3							
Saturated in preshot (code 3)								
Cd 228.802	7996.4	0.943	mg/L	0.0075	0.943	mg/L	0.0075	0.79%
Cd 214.440	4467.6	0.347	mg/L	0.0001	0.347	mg/L	0.0001	0.03%
Co 228.616	473.4	0.099	mg/L	0.0041	0.099	mg/L	0.0041	4.16%
Cr 205.560	55.8	0.009	mg/L	0.0020	0.009	mg/L	0.0020	22.34%
Cr 267.716	265.0	0.013	mg/L	0.0029	0.013	mg/L	0.0029	23.15%
Cu 327.393	469145.9	2.75	mg/L	0.028	2.75	mg/L	0.028	1.03%
Cu 324.752	984077.0	3.05	mg/L	0.036	3.05	mg/L	0.036	1.18%
Fe 273.955	3122.8	0.996	mg/L	0.1070	0.996	mg/L	0.1070	10.74%
Fe 259.939	19666.2	0.681	mg/L	0.0772	0.681	mg/L	0.0772	11.34%
Fe 238.204	12689.6	0.796	mg/L	0.0871	0.796	mg/L	0.0871	10.94%
K 766.490	Saturated2							
Saturated in preshot (code 2)								
K 404.721	2386.3	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	957472.2	0.788	mg/L	0.0171	0.788	mg/L	0.0171	2.17%
Mg 285.213	33086634.4	148	mg/L	0.2	148	mg/L	0.2	0.10%
Mn 257.610	638760.8	6.77	mg/L	0.051	6.77	mg/L	0.051	0.75%
Mo 202.031	-32.6	-0.008	mg/L	0.0029	-0.008	mg/L	0.0029	35.22%
Na 589.592	Saturated3							
Saturated in preshot (code 3)								
Na 330.237	37490.0	24.1	mg/L	0.26	24.1	mg/L	0.26	1.09%
Ni 231.604	3487.8	0.500	mg/L	0.0036	0.500	mg/L	0.0036	0.73%
Pb 220.353	3577.7	1.92	mg/L	0.010	1.92	mg/L	0.010	0.54%
Pb 217.000	3024.0	3.65	mg/L	0.069	3.65	mg/L	0.069	1.90%
Sb 206.836	-2.1	0.007	mg/L	0.0049	0.007	mg/L	0.0049	66.69%
Se 196.026	-17.0	-0.029	mg/L	0.0159	-0.029	mg/L	0.0159	55.36%
Se 203.985	123.5	0.134	mg/L	0.0145	0.134	mg/L	0.0145	10.86%
Si 251.611	224857.0	11.3	mg/L	0.09	11.3	mg/L	0.09	0.81%
Ti 334.940	-19660.0	-0.120	mg/L	0.0039	-0.120	mg/L	0.0039	3.24%
Tl 276.787	3514.3	2.47	mg/L	0.019	2.47	mg/L	0.019	0.76%
Tl 190.801	-58.6	-0.173	mg/L	0.0894	-0.173	mg/L	0.0894	51.71%
V 290.880	-1412.3	-0.098	mg/L	0.0036	-0.098	mg/L	0.0036	3.66%
V 292.402	-3.2	-0.001	mg/L	0.0007	-0.001	mg/L	0.0007	99.0
Zn 206.200	22829.3	4.44	mg/L	0.019	4.44	mg/L	0.019	0.42%
Zn 213.857	232372.7	7.65	mg/L	0.059	7.65	mg/L	0.059	0.77%

Sequence No.: 24
Sample ID: M02070406-05A
Analyst:
Nebulizer Back Pressure: 342.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 24
Date Collected: 7/16/02 11:39:27 AM

Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070406-05A

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	-82279.6	-82096.6	-0.691	mg/L	-0.691	mg/L	11:41:14
1	Ag 338.289	-5939.8	-5910.9	-0.136	mg/L	-0.136	mg/L	11:41:14
1	Al 308.215	11155636.3	11119457.3	900	mg/L	900	mg/L	11:41:08
1	Al 396.153	Saturated3	Saturated3					11:41:19
Saturated in preshot (code 3)								
1	As 188.979	100.5	88.4	0.166	mg/L	0.166	mg/L	11:41:19
1	As 193.696	-175.8	-152.7	-0.198	mg/L	-0.198	mg/L	11:41:19
1	B 182.528	64.0	57.7	0.158	mg/L	0.158	mg/L	11:41:19
1	B 249.677	-38567.0	-39399.7	-1.88	mg/L	-1.88	mg/L	11:41:14
1	Ba 233.527	49788.9	49858.7	4.71	mg/L	4.71	mg/L	11:41:14
1	Be 313.107	201414.0	54838.1	0.022	mg/L	0.022	mg/L	11:41:14
1	Be 234.861	-2252402.6	-2252099.4	-8.03	mg/L	-8.03	mg/L	11:41:13
1	Ca 317.933	3885693.4	3885777.7	206	mg/L	206	mg/L	11:41:13
1	Cd 228.802	-189.4	-186.7	-0.022	mg/L	-0.022	mg/L	11:41:19
1	Cd 214.440	2818.5	2567.8	0.196	mg/L	0.196	mg/L	11:41:19
1	Co 228.616	1797.1	1914.3	0.377	mg/L	0.377	mg/L	11:41:19
1	Cr 205.560	7122.6	7155.5	1.22	mg/L	1.22	mg/L	11:41:19
1	Cr 267.716	31079.0	30906.5	1.36	mg/L	1.36	mg/L	11:41:14
1	Cu 327.393	243528.9	255945.1	1.50	mg/L	1.50	mg/L	11:41:14
1	Cu 324.752	504411.9	489728.3	1.52	mg/L	1.52	mg/L	11:41:13
1	Fe 273.955	3777922.0	3777918.3	1230	mg/L	1230	mg/L	11:41:13
1	Fe 259.939	10254141.4	10254109.0	367	mg/L	367	mg/L	11:41:08
1	Fe 238.204	4773120.4	4772968.6	309	mg/L	309	mg/L	11:41:13
1	K 766.490	Saturated2	Saturated2					11:41:19
Saturated in preshot (code 2)								
1	K 404.721	-812969.5	-799511.4	0.000	mg/L	0.000	mg/L	11:41:11
1	Li 670.784	2026904.3	2027410.8	1.64	mg/L	1.64	mg/L	11:41:08
1	Mg 285.213	16912935.4	16912147.8	75.7	mg/L	75.7	mg/L	11:41:08
1	Mn 257.610	1294708.7	1294758.4	13.7	mg/L	13.7	mg/L	11:41:13
1	Mo 202.031	-213.1	-234.0	-0.066	mg/L	-0.066	mg/L	11:41:19
1	Na 589.592	Saturated2	Saturated2					11:41:19
Saturated in preshot (code 2)								
1	Na 330.237	13497.1	14326.7	9.20	mg/L	9.20	mg/L	11:41:14
1	Ni 231.604	6318.1	6216.4	0.888	mg/L	0.888	mg/L	11:41:19
1	Pb 220.353	2482.4	2460.3	1.33	mg/L	1.33	mg/L	11:41:19
1	Pb 217.000	893.6	889.2	1.09	mg/L	1.09	mg/L	11:41:19
1	Sb 206.836	33.9	6.9	0.013	mg/L	0.013	mg/L	11:41:19
1	Se 196.026	-415.1	-428.0	-0.614	mg/L	-0.614	mg/L	11:41:19
1	Se 203.985	-272.5	-218.1	-0.210	mg/L	-0.210	mg/L	11:41:19
1	Si 251.611	289396.4	288800.9	14.6	mg/L	14.6	mg/L	11:41:13
1	Ti 334.940	175857.1	176887.5	1.13	mg/L	1.13	mg/L	11:41:14
1	Tl 276.787	-52416.9	-52534.0	-36.5	mg/L	-36.5	mg/L	11:41:13
1	Tl 190.801	-177.7	-154.4	-0.520	mg/L	-0.520	mg/L	11:41:19
1	V 290.880	47414.1	37285.7	1.81	mg/L	1.81	mg/L	11:41:14
1	V 292.402	112727.7	112591.8	2.65	mg/L	2.65	mg/L	11:41:14
1	Zn 206.200	11896.4	11890.4	2.29	mg/L	2.29	mg/L	11:41:19
1	Zn 213.857	98917.3	98629.8	3.22	mg/L	3.22	mg/L	11:41:14
2	Ag 328.068	-81905.0	-81722.0	-0.688	mg/L	-0.688	mg/L	11:41:28
2	Ag 338.289	-5815.0	-5786.1	-0.133	mg/L	-0.133	mg/L	11:41:28
2	Al 308.215	11322166.0	11285987.0	913	mg/L	913	mg/L	11:41:22
2	Al 396.153	Saturated3	Saturated3					11:41:33
Saturated in preshot (code 3)								
2	As 188.979	121.5	109.4	0.205	mg/L	0.205	mg/L	11:41:33
2	As 193.696	-161.5	-138.4	-0.178	mg/L	-0.178	mg/L	11:41:33
2	B 182.528	61.0	54.8	0.150	mg/L	0.150	mg/L	11:41:33
2	B 249.677	-39907.8	-40740.5	-1.94	mg/L	-1.94	mg/L	11:41:28
2	Ba 233.527	48996.9	49066.7	4.63	mg/L	4.63	mg/L	11:41:28
2	Be 313.107	200737.6	54161.7	0.021	mg/L	0.021	mg/L	11:41:28
2	Be 234.861	-2265364.6	-2265061.4	-8.07	mg/L	-8.07	mg/L	11:41:27
2	Ca 317.933	3916819.9	3916904.2	208	mg/L	208	mg/L	11:41:27
2	Cd 228.802	-191.8	-189.2	-0.022	mg/L	-0.022	mg/L	11:41:33
2	Cd 214.440	2868.7	2618.0	0.200	mg/L	0.200	mg/L	11:41:33

2	Co 228.616	1775.5	1892.7	0.373 mg/L	0.373 mg/L	11:41:33
2	Cr 205.560	7152.0	7184.9	1.22 mg/L	1.22 mg/L	11:41:33
2	Cr 267.716	30683.3	30510.8	1.34 mg/L	1.34 mg/L	11:41:28
2	Cu 327.393	246574.1	258990.3	1.52 mg/L	1.52 mg/L	11:41:28
2	Cu 324.752	520278.1	505594.5	1.57 mg/L	1.57 mg/L	11:41:[illegible]
2	Fe 273.955	3817608.8	3817605.1	1240 mg/L	1240 mg/L	11:41:[illegible]
2	Fe 259.939	10210573.3	10210540.9	366 mg/L	366 mg/L	11:41:22
2	Fe 238.204	4726215.3	4726063.5	306 mg/L	306 mg/L	11:41:27
2	K 766.490	Saturated2	Saturated2			11:41:33
Saturated in preshot (code 2)						
2	K 404.721	-818007.0	-804548.9	0.000 mg/L	0.000 mg/L	11:41:25
2	Li 670.784	2063665.6	2064172.1	1.67 mg/L	1.67 mg/L	11:41:22
2	Mg 285.213	16865776.5	16864988.9	75.5 mg/L	75.5 mg/L	11:41:22
2	Mn 257.610	1313883.7	1313933.4	13.9 mg/L	13.9 mg/L	11:41:27
2	Mo 202.031	-192.7	-213.6	-0.060 mg/L	-0.060 mg/L	11:41:33
2	Na 589.592	Saturated2	Saturated2			11:41:33
Saturated in preshot (code 2)						
2	Na 330.237	13763.2	14592.8	9.37 mg/L	9.37 mg/L	11:41:28
2	Ni 231.604	6419.8	6318.1	0.902 mg/L	0.902 mg/L	11:41:33
2	Pb 220.353	2498.8	2476.7	1.34 mg/L	1.34 mg/L	11:41:33
2	Pb 217.000	862.6	858.2	1.05 mg/L	1.05 mg/L	11:41:33
2	Sb 206.836	40.3	13.3	0.017 mg/L	0.017 mg/L	11:41:33
2	Se 196.026	-402.5	-415.3	-0.596 mg/L	-0.596 mg/L	11:41:33
2	Se 203.985	-290.4	-235.9	-0.228 mg/L	-0.228 mg/L	11:41:33
2	Si 251.611	307541.1	306945.6	15.5 mg/L	15.5 mg/L	11:41:27
2	Ti 334.940	175363.4	176393.8	1.12 mg/L	1.12 mg/L	11:41:28
2	Tl 276.787	-53556.6	-53673.8	-37.3 mg/L	-37.3 mg/L	11:41:27
2	Tl 190.801	-170.1	-146.9	-0.492 mg/L	-0.492 mg/L	11:41:33
2	V 290.880	47145.8	37017.3	1.80 mg/L	1.80 mg/L	11:41:28
2	V 292.402	112733.9	112598.0	2.65 mg/L	2.65 mg/L	11:41:28
2	Zn 206.200	11897.3	11891.3	2.29 mg/L	2.29 mg/L	11:41:33
2	Zn 213.857	98142.1	97854.6	3.19 mg/L	3.19 mg/L	11:41:28
3	Ag 328.068	-84818.7	-84635.7	-0.713 mg/L	-0.713 mg/L	11:41:42
3	Ag 338.289	-6252.2	-6223.3	-0.143 mg/L	-0.143 mg/L	11:41:42
3	Al 308.215	11421570.4	11385391.4	921 mg/L	921 mg/L	11:41:37
3	Al 396.153	Saturated3	Saturated3			11:41:47
Saturated in preshot (code 3)						
3	As 188.979	93.7	81.6	0.154 mg/L	0.154 mg/L	11:41:[illegible]
3	As 193.696	-171.0	-147.9	-0.191 mg/L	-0.191 mg/L	11:41:[illegible]
3	B 182.528	37.9	31.6	0.083 mg/L	0.083 mg/L	11:41:47
3	B 249.677	-38905.3	-39738.0	-1.89 mg/L	-1.89 mg/L	11:41:42
3	Ba 233.527	49796.4	49866.2	4.71 mg/L	4.71 mg/L	11:41:42
3	Be 313.107	204455.7	57879.8	0.024 mg/L	0.024 mg/L	11:41:42
3	Be 234.861	-2272485.0	-2272181.8	-8.10 mg/L	-8.10 mg/L	11:41:41
3	Ca 317.933	3871554.6	3871638.9	205 mg/L	205 mg/L	11:41:41
3	Cd 228.802	-190.3	-187.6	-0.022 mg/L	-0.022 mg/L	11:41:47
3	Cd 214.440	2866.3	2615.6	0.200 mg/L	0.200 mg/L	11:41:47
3	Co 228.616	1819.4	1936.6	0.382 mg/L	0.382 mg/L	11:41:47
3	Cr 205.560	7084.2	7117.1	1.21 mg/L	1.21 mg/L	11:41:47
3	Cr 267.716	31361.6	31189.1	1.37 mg/L	1.37 mg/L	11:41:42
3	Cu 327.393	255050.6	267466.8	1.57 mg/L	1.57 mg/L	11:41:42
3	Cu 324.752	523742.3	509058.6	1.58 mg/L	1.58 mg/L	11:41:41
3	Fe 273.955	3816074.7	3816071.0	1240 mg/L	1240 mg/L	11:41:41
3	Fe 259.939	10195724.2	10195691.8	365 mg/L	365 mg/L	11:41:37
3	Fe 238.204	4693179.4	4693027.6	304 mg/L	304 mg/L	11:41:41
3	K 766.490	Saturated2	Saturated2			11:41:47
Saturated in preshot (code 2)						
3	K 404.721	-837260.6	-823802.5	0.000 mg/L	0.000 mg/L	11:41:39
3	Li 670.784	2092473.4	2092979.9	1.70 mg/L	1.70 mg/L	11:41:37
3	Mg 285.213	16886773.5	16885985.9	75.6 mg/L	75.6 mg/L	11:41:37
3	Mn 257.610	1314969.8	1315019.5	13.9 mg/L	13.9 mg/L	11:41:41
3	Mo 202.031	-235.3	-256.2	-0.073 mg/L	-0.073 mg/L	11:41:47
3	Na 589.592	Saturated2	Saturated2			11:41:47
Saturated in preshot (code 2)						
3	Na 330.237	14120.7	14950.3	9.60 mg/L	9.60 mg/L	11:41:42
3	Ni 231.604	6353.4	6251.7	0.893 mg/L	0.893 mg/L	11:41:47
3	Pb 220.353	2494.5	2472.3	1.34 mg/L	1.34 mg/L	11:41:47
3	Pb 217.000	907.5	903.1	1.10 mg/L	1.10 mg/L	11:41:47
3	Sb 206.836	1.8	-25.2	-0.008 mg/L	-0.008 mg/L	11:41:47
3	Se 196.026	-420.7	-433.6	-0.622 mg/L	-0.622 mg/L	11:41:[illegible]
3	Se 203.985	-286.6	-232.1	-0.225 mg/L	-0.225 mg/L	11:41:[illegible]
3	Si 251.611	314646.8	314051.3	15.9 mg/L	15.9 mg/L	11:41:41
3	Ti 334.940	181399.6	182430.0	1.16 mg/L	1.16 mg/L	11:41:42

3	Tl 276.787	-53857.2	-53974.3	-37.5 mg/L	-37.5 mg/L	11:41:41
3	Tl 190.801	-180.9	-157.6	-0.531 mg/L	-0.531 mg/L	11:41:47
3	V 290.880	48287.3	38158.9	1.85 mg/L	1.85 mg/L	11:41:42
3	V 292.402	114950.8	114814.9	2.70 mg/L	2.70 mg/L	11:41:42
3	Zn 206.200	11889.3	11883.3	2.29 mg/L	2.29 mg/L	11:41:47
3	Zn 213.857	100937.8	100650.2	3.29 mg/L	3.29 mg/L	11:41:42

Mean Data: M02070406-05A

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-82818.1	-0.697	mg/L	0.0135	-0.697	mg/L	0.0135	1.93%
Ag 338.289	-5973.4	-0.137	mg/L	0.0055	-0.137	mg/L	0.0055	3.97%
Al 308.215	11263611.9	912	mg/L	10.9	912	mg/L	10.9	1.19%
Al 396.153	Saturated3							
Saturated in preshot (code 3)								
As 188.979	93.1	0.175	mg/L	0.0269	0.175	mg/L	0.0269	15.38%
As 193.696	-146.3	-0.189	mg/L	0.0100	-0.189	mg/L	0.0100	5.26%
B 182.528	48.0	0.130	mg/L	0.0409	0.130	mg/L	0.0409	31.35%
B 249.677	-39959.4	-1.90	mg/L	0.033	-1.90	mg/L	0.033	1.74%
Ba 233.527	49597.2	4.68	mg/L	0.043	4.68	mg/L	0.043	0.93%
Be 313.107	55626.6	0.022	mg/L	0.0014	0.022	mg/L	0.0014	6.11%
Be 234.861	-2263114.2	-8.07	mg/L	0.036	-8.07	mg/L	0.036	0.45%
Ca 317.933	3891440.3	206	mg/L	1.2	206	mg/L	1.2	0.60%
Cd 228.802	-187.8	-0.022	mg/L	0.0001	-0.022	mg/L	0.0001	0.65%
Cd 214.440	2600.5	0.199	mg/L	0.0022	0.199	mg/L	0.0022	1.13%
Co 228.616	1914.5	0.378	mg/L	0.0042	0.378	mg/L	0.0042	1.12%
Cr 205.560	7152.5	1.22	mg/L	0.006	1.22	mg/L	0.006	0.48%
Cr 267.716	30868.8	1.35	mg/L	0.015	1.35	mg/L	0.015	1.10%
Cu 327.393	260800.7	1.53	mg/L	0.035	1.53	mg/L	0.035	2.27%
Cu 324.752	501460.4	1.56	mg/L	0.032	1.56	mg/L	0.032	2.04%
Fe 273.955	3803864.8	1240	mg/L	7.3	1240	mg/L	7.3	0.59%
Fe 259.939	10220113.9	366	mg/L	1.1	366	mg/L	1.1	0.30%
Fe 238.204	4730686.6	306	mg/L	2.6	306	mg/L	2.6	0.85%
K 766.490	Saturated2							
Saturated in preshot (code 2)								
K 404.721	-809287.6	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	2061520.9	1.67	mg/L	0.026	1.67	mg/L	0.026	1.57%
Mg 285.213	16887707.5	75.6	mg/L	0.11	75.6	mg/L	0.11	0.14%
Mn 257.610	1307903.7	13.9	mg/L	0.12	13.9	mg/L	0.12	0.87%
Mo 202.031	-234.6	-0.066	mg/L	0.0061	-0.066	mg/L	0.0061	9.24%
Na 589.592	Saturated2							
Saturated in preshot (code 2)								
Na 330.237	14623.3	9.39	mg/L	0.202	9.39	mg/L	0.202	2.15%
Ni 231.604	6262.1	0.894	mg/L	0.0074	0.894	mg/L	0.0074	0.82%
Pb 220.353	2469.8	1.33	mg/L	0.005	1.33	mg/L	0.005	0.34%
Pb 217.000	883.5	1.08	mg/L	0.028	1.08	mg/L	0.028	2.56%
Sb 206.836	-1.7	0.008	mg/L	0.0135	0.008	mg/L	0.0135	177.12%
Se 196.026	-425.6	-0.611	mg/L	0.0133	-0.611	mg/L	0.0133	2.18%
Se 203.985	-228.7	-0.221	mg/L	0.0095	-0.221	mg/L	0.0095	4.28%
Si 251.611	303265.9	15.3	mg/L	0.66	15.3	mg/L	0.66	4.30%
Ti 334.940	178570.5	1.14	mg/L	0.021	1.14	mg/L	0.021	1.87%
Tl 276.787	-53394.0	-37.1	mg/L	0.53	-37.1	mg/L	0.53	1.42%
Tl 190.801	-153.0	-0.514	mg/L	0.0200	-0.514	mg/L	0.0200	3.89%
V 290.880	37487.3	1.82	mg/L	0.029	1.82	mg/L	0.029	1.62%
V 292.402	113334.9	2.67	mg/L	0.030	2.67	mg/L	0.030	1.13%
Zn 206.200	11888.3	2.29	mg/L	0.001	2.29	mg/L	0.001	0.04%
Zn 213.857	99044.9	3.23	mg/L	0.048	3.23	mg/L	0.048	1.48%

Sequence No.: 25
Sample ID: M02070406-06A
Analyst:
Nebulizer Back Pressure: 342.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 25
Date Collected: 7/16/02 11:42:26 AM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070406-06A

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	-119078.5	-118895.5	-1.00	mg/L	-1.00	mg/L	11:44:13
1	Ag 338.289	-2362.7	-2333.7	-0.049	mg/L	-0.049	mg/L	11:44:19

1	Al 308.215	11458021.1	11421842.1	924 mg/L	924 mg/L	11:44:10
1	Al 396.153	Saturated3	Saturated3			11:44:19
Saturated in preshot (code 3)						
1	As 188.979	136.3	124.1	0.232 mg/L	0.232 mg/L	11:44:1[illegible]
1	As 193.696	-184.5	-161.3	-0.210 mg/L	-0.210 mg/L	11:44:19
1	B 182.528	27.3	21.1	0.053 mg/L	0.053 mg/L	11:44:19
1	B 249.677	-57375.1	-58207.8	-2.77 mg/L	-2.77 mg/L	11:44:13
1	Ba 233.527	46494.8	46564.6	4.39 mg/L	4.39 mg/L	11:44:13
1	Be 313.107	175541.0	28965.1	0.004 mg/L	0.004 mg/L	11:44:13
1	Be 234.861	-2341359.3	-2341056.1	-8.34 mg/L	-8.34 mg/L	11:44:12
1	Ca 317.933	46360436.9	46360521.2	2460 mg/L	2460 mg/L	11:44:10
1	Cd 228.802	3500.4	3503.0	0.413 mg/L	0.413 mg/L	11:44:19
1	Cd 214.440	6201.6	5950.9	0.464 mg/L	0.464 mg/L	11:44:19
1	Co 228.616	2681.3	2798.5	0.548 mg/L	0.548 mg/L	11:44:19
1	Cr 205.560	23647.7	23680.6	4.02 mg/L	4.02 mg/L	11:44:19
1	Cr 267.716	89651.8	89479.3	3.93 mg/L	3.93 mg/L	11:44:13
1	Cu 327.393	3762149.4	3774565.6	22.0 mg/L	22.0 mg/L	11:44:12
1	Cu 324.752	7491659.8	7476976.1	23.1 mg/L	23.1 mg/L	11:44:12
1	Fe 273.955	3881049.9	3881046.3	1260 mg/L	1260 mg/L	11:44:12
1	Fe 259.939	9095409.8	9095377.4	326 mg/L	326 mg/L	11:44:10
1	Fe 238.204	4354828.6	4354676.7	282 mg/L	282 mg/L	11:44:12
1	K 766.490	Saturated2	Saturated2			11:44:19
Saturated in preshot (code 2)						
1	K 404.721	Saturated2	Saturated2			11:44:19
Saturated in preshot (code 2)						
1	Li 670.784	Saturated2	Saturated2			11:44:19
Saturated in preshot (code 2)						
1	Mg 285.213	28219334.8	28218547.2	126 mg/L	126 mg/L	11:44:10
1	Mn 257.610	1396862.3	1396912.0	14.8 mg/L	14.8 mg/L	11:44:12
1	Mo 202.031	859.9	839.0	0.242 mg/L	0.242 mg/L	11:44:19
1	Na 589.592	Saturated2	Saturated2			11:44:19
Saturated in preshot (code 2)						
1	Na 330.237	56543.7	57373.3	37.0 mg/L	37.0 mg/L	11:44:13
1	Ni 231.604	48453.4	48351.7	6.89 mg/L	6.89 mg/L	11:44:13
1	Pb 220.353	64105.6	64083.5	34.1 mg/L	34.1 mg/L	11:44:13
1	Pb 217.000	45298.7	45294.3	54.5 mg/L	54.5 mg/L	11:44:[illegible]
1	Sb 206.836	3.3	-23.7	-0.007 mg/L	-0.007 mg/L	11:44:1[illegible]
1	Se 196.026	-679.1	-692.0	-0.990 mg/L	-0.990 mg/L	11:44:19
1	Se 203.985	38.0	92.4	0.102 mg/L	0.102 mg/L	11:44:19
1	Si 251.611	77073.1	76477.6	3.85 mg/L	3.85 mg/L	11:44:13
1	Ti 334.940	25699.5	26730.0	0.174 mg/L	0.174 mg/L	11:44:12
1	Tl 276.787	-73638.7	-73755.8	-51.3 mg/L	-51.3 mg/L	11:44:13
1	Tl 190.801	-194.8	-171.6	-0.582 mg/L	-0.582 mg/L	11:44:19
1	V 290.880	36174.6	26046.2	1.25 mg/L	1.25 mg/L	11:44:13
1	V 292.402	108113.8	107977.9	2.54 mg/L	2.54 mg/L	11:44:13
1	Zn 206.200	110232.2	110226.2	21.6 mg/L	21.6 mg/L	11:44:13
1	Zn 213.857	609742.8	609455.3	20.1 mg/L	20.1 mg/L	11:44:13
2	Ag 328.068	-117665.8	-117482.9	-0.992 mg/L	-0.992 mg/L	11:44:28
2	Ag 338.289	-2411.4	-2382.4	-0.050 mg/L	-0.050 mg/L	11:44:34
2	Al 308.215	11704558.7	11668379.7	944 mg/L	944 mg/L	11:44:25
2	Al 396.153	Saturated3	Saturated3			11:44:34
Saturated in preshot (code 3)						
2	As 188.979	125.9	113.8	0.213 mg/L	0.213 mg/L	11:44:34
2	As 193.696	-199.5	-176.4	-0.231 mg/L	-0.231 mg/L	11:44:34
2	B 182.528	54.5	48.2	0.131 mg/L	0.131 mg/L	11:44:34
2	B 249.677	-54878.9	-55711.6	-2.65 mg/L	-2.65 mg/L	11:44:28
2	Ba 233.527	46328.7	46398.5	4.38 mg/L	4.38 mg/L	11:44:28
2	Be 313.107	174537.5	27961.6	0.003 mg/L	0.003 mg/L	11:44:28
2	Be 234.861	-2330335.7	-2330032.5	-8.31 mg/L	-8.31 mg/L	11:44:27
2	Ca 317.933	46158665.5	46158749.8	2450 mg/L	2450 mg/L	11:44:25
2	Cd 228.802	3492.6	3495.2	0.412 mg/L	0.412 mg/L	11:44:34
2	Cd 214.440	6223.3	5972.6	0.466 mg/L	0.466 mg/L	11:44:34
2	Co 228.616	2701.6	2818.8	0.552 mg/L	0.552 mg/L	11:44:34
2	Cr 205.560	23733.0	23765.9	4.04 mg/L	4.04 mg/L	11:44:34
2	Cr 267.716	88611.0	88438.5	3.88 mg/L	3.88 mg/L	11:44:28
2	Cu 327.393	3927418.2	3939834.4	23.0 mg/L	23.0 mg/L	11:44:27
2	Cu 324.752	7837396.3	7822712.6	24.1 mg/L	24.1 mg/L	11:44:27
2	Fe 273.955	3843568.6	3843564.9	1250 mg/L	1250 mg/L	11:44:2[illegible]
2	Fe 259.939	9028041.5	9028009.1	323 mg/L	323 mg/L	11:44:[illegible]
2	Fe 238.204	4240229.1	4240077.3	274 mg/L	274 mg/L	11:44:27
2	K 766.490	Saturated2	Saturated2			11:44:34
Saturated in preshot (code 2)						
2	K 404.721	Saturated2	Saturated2			11:44:34

	Saturated in preshot (code 2)						
2	Li 670.784	Saturated2	Saturated2				11:44:34
	Saturated in preshot (code 2)						
2	Mg 285.213	28342393.9	28341606.3	127	mg/L	127 mg/L	11:44:25
2	Mn 257.610	1392000.6	1392050.3	14.8	mg/L	14.8 mg/L	11:44:27
2	Mo 202.031	808.0	787.1	0.228	mg/L	0.228 mg/L	11:44:34
2	Na 589.592	Saturated2	Saturated2				11:44:34
	Saturated in preshot (code 2)						
2	Na 330.237	55917.8	56747.4	36.6	mg/L	36.6 mg/L	11:44:28
2	Ni 231.604	48222.4	48120.7	6.85	mg/L	6.85 mg/L	11:44:28
2	Pb 220.353	63804.5	63782.4	33.9	mg/L	33.9 mg/L	11:44:28
2	Pb 217.000	44883.9	44879.5	54.0	mg/L	54.0 mg/L	11:44:28
2	Sb 206.836	0.7	-26.3	-0.009	mg/L	-0.009 mg/L	11:44:34
2	Se 196.026	-706.1	-718.9	-1.03	mg/L	-1.03 mg/L	11:44:34
2	Se 203.985	2.0	56.4	0.066	mg/L	0.066 mg/L	11:44:34
2	Si 251.611	81554.9	80959.4	4.08	mg/L	4.08 mg/L	11:44:28
2	Ti 334.940	26857.0	27887.4	0.181	mg/L	0.181 mg/L	11:44:27
2	Tl 276.787	-73904.9	-74022.1	-51.4	mg/L	-51.4 mg/L	11:44:28
2	Tl 190.801	-214.3	-191.1	-0.652	mg/L	-0.652 mg/L	11:44:34
2	V 290.880	35838.5	25710.0	1.24	mg/L	1.24 mg/L	11:44:28
2	V 292.402	106902.4	106766.5	2.51	mg/L	2.51 mg/L	11:44:28
2	Zn 206.200	109708.7	109702.7	21.5	mg/L	21.5 mg/L	11:44:28
2	Zn 213.857	606903.8	606616.3	20.0	mg/L	20.0 mg/L	11:44:28
3	Ag 328.068	-120406.6	-120223.6	-1.02	mg/L	-1.02 mg/L	11:44:43
3	Ag 338.289	-2560.6	-2531.7	-0.054	mg/L	-0.054 mg/L	11:44:49
3	Al 308.215	11758993.0	11722814.1	949	mg/L	949 mg/L	11:44:39
3	Al 396.153	Saturated3	Saturated3				11:44:49
	Saturated in preshot (code 3)						
3	As 188.979	143.6	131.5	0.246	mg/L	0.246 mg/L	11:44:49
3	As 193.696	-229.5	-206.4	-0.271	mg/L	-0.271 mg/L	11:44:49
3	B 182.528	35.9	29.7	0.078	mg/L	0.078 mg/L	11:44:49
3	B 249.677	-55729.9	-56562.6	-2.70	mg/L	-2.70 mg/L	11:44:43
3	Ba 233.527	46857.7	46927.6	4.43	mg/L	4.43 mg/L	11:44:43
3	Be 313.107	175888.9	29312.9	0.004	mg/L	0.004 mg/L	11:44:43
3	Be 234.861	-2359017.6	-2358714.4	-8.41	mg/L	-8.41 mg/L	11:44:41
3	Ca 317.933	46511865.0	46511949.3	2470	mg/L	2470 mg/L	11:44:39
3	Cd 228.802	3604.6	3607.3	0.425	mg/L	0.425 mg/L	11:44:49
3	Cd 214.440	6247.4	5996.7	0.468	mg/L	0.468 mg/L	11:44:49
3	Co 228.616	2692.4	2809.6	0.551	mg/L	0.551 mg/L	11:44:49
3	Cr 205.560	23838.6	23871.5	4.06	mg/L	4.06 mg/L	11:44:49
3	Cr 267.716	89275.9	89103.5	3.91	mg/L	3.91 mg/L	11:44:43
3	Cu 327.393	3974636.8	3987053.0	23.3	mg/L	23.3 mg/L	11:44:41
3	Cu 324.752	7922408.5	7907724.9	24.4	mg/L	24.4 mg/L	11:44:41
3	Fe 273.955	3897620.5	3897616.9	1270	mg/L	1270 mg/L	11:44:41
3	Fe 259.939	9104168.1	9104135.7	326	mg/L	326 mg/L	11:44:39
3	Fe 238.204	4285839.1	4285687.3	277	mg/L	277 mg/L	11:44:41
3	K 766.490	Saturated2	Saturated2				11:44:49
	Saturated in preshot (code 2)						
3	K 404.721	Saturated2	Saturated2				11:44:49
	Saturated in preshot (code 2)						
3	Li 670.784	Saturated2	Saturated2				11:44:49
	Saturated in preshot (code 2)						
3	Mg 285.213	28474437.9	28473650.4	127	mg/L	127 mg/L	11:44:39
3	Mn 257.610	1414544.0	1414593.7	15.0	mg/L	15.0 mg/L	11:44:41
3	Mo 202.031	777.3	756.4	0.219	mg/L	0.219 mg/L	11:44:49
3	Na 589.592	Saturated2	Saturated2				11:44:49
	Saturated in preshot (code 2)						
3	Na 330.237	57159.4	57989.1	37.4	mg/L	37.4 mg/L	11:44:43
3	Ni 231.604	48032.9	47931.1	6.83	mg/L	6.83 mg/L	11:44:43
3	Pb 220.353	64129.6	64107.5	34.1	mg/L	34.1 mg/L	11:44:43
3	Pb 217.000	46594.3	46590.0	56.0	mg/L	56.0 mg/L	11:44:43
3	Sb 206.836	-32.4	-59.4	-0.030	mg/L	-0.030 mg/L	11:44:49
3	Se 196.026	-718.5	-731.4	-1.05	mg/L	-1.05 mg/L	11:44:49
3	Se 203.985	-12.7	41.8	0.051	mg/L	0.051 mg/L	11:44:49
3	Si 251.611	87777.4	87181.9	4.39	mg/L	4.39 mg/L	11:44:43
3	Ti 334.940	26199.0	27229.5	0.177	mg/L	0.177 mg/L	11:44:41
3	Tl 276.787	-75767.2	-75884.3	-52.7	mg/L	-52.7 mg/L	11:44:43
3	Tl 190.801	-218.7	-195.5	-0.668	mg/L	-0.668 mg/L	11:44:49
3	V 290.880	36359.4	26231.0	1.26	mg/L	1.26 mg/L	11:44:43
3	V 292.402	109113.4	108977.5	2.56	mg/L	2.56 mg/L	11:44:43
3	Zn 206.200	110578.6	110572.5	21.7	mg/L	21.7 mg/L	11:44:43
3	Zn 213.857	610359.9	610072.4	20.2	mg/L	20.2 mg/L	11:44:43

Mean Data: M02070406-06A

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-118867.4	-1.00	mg/L	0.012	-1.00	mg/L	0.012	1.16%
Ag 338.289	-2415.9	-0.051	mg/L	0.0025	-0.051	mg/L	0.0025	4.89%
Al 308.215	11604345.3	939	mg/L	13.0	939	mg/L	13.0	1.38%
Al 396.153	Saturated3							
Saturated in preshot (code 3)								
As 188.979	123.1	0.231	mg/L	0.0165	0.231	mg/L	0.0165	7.14%
As 193.696	-181.4	-0.237	mg/L	0.0314	-0.237	mg/L	0.0314	13.21%
B 182.528	33.0	0.087	mg/L	0.0396	0.087	mg/L	0.0396	45.35%
B 249.677	-56827.3	-2.71	mg/L	0.060	-2.71	mg/L	0.060	2.23%
Ba 233.527	46630.2	4.40	mg/L	0.026	4.40	mg/L	0.026	0.58%
Be 313.107	28746.5	0.004	mg/L	0.0005	0.004	mg/L	0.0005	12.71%
Be 234.861	-2343267.7	-8.35	mg/L	0.051	-8.35	mg/L	0.051	0.62%
Ca 317.933	46343740.1	2460	mg/L	9.4	2460	mg/L	9.4	0.38%
Cd 228.802	3535.2	0.417	mg/L	0.0074	0.417	mg/L	0.0074	1.77%
Cd 214.440	5973.4	0.466	mg/L	0.0018	0.466	mg/L	0.0018	0.39%
Co 228.616	2809.0	0.551	mg/L	0.0020	0.551	mg/L	0.0020	0.36%
Cr 205.560	23772.7	4.04	mg/L	0.016	4.04	mg/L	0.016	0.40%
Cr 267.716	89007.1	3.90	mg/L	0.023	3.90	mg/L	0.023	0.59%
Cu 327.393	3900484.3	22.8	mg/L	0.65	22.8	mg/L	0.65	2.86%
Cu 324.752	7735804.5	23.9	mg/L	0.70	23.9	mg/L	0.70	2.95%
Fe 273.955	3874076.0	1260	mg/L	9.0	1260	mg/L	9.0	0.71%
Fe 259.939	9075840.8	325	mg/L	1.5	325	mg/L	1.5	0.46%
Fe 238.204	4293480.5	278	mg/L	3.7	278	mg/L	3.7	1.34%
K 766.490	Saturated2							
Saturated in preshot (code 2)								
K 404.721	Saturated2							
Saturated in preshot (code 2)								
Li 670.784	Saturated2							
Saturated in preshot (code 2)								
Mg 285.213	28344601.3	127	mg/L	0.6	127	mg/L	0.6	0.45%
Mn 257.610	1401185.3	14.9	mg/L	0.13	14.9	mg/L	0.13	0.85%
Mo 202.031	794.2	0.230	mg/L	0.0120	0.230	mg/L	0.0120	5.23%
Na 589.592	Saturated2							
Saturated in preshot (code 2)								
Na 330.237	57369.9	37.0	mg/L	0.40	37.0	mg/L	0.40	1.08%
Ni 231.604	48134.5	6.85	mg/L	0.030	6.85	mg/L	0.030	0.44%
Pb 220.353	63991.1	34.1	mg/L	0.10	34.1	mg/L	0.10	0.28%
Pb 217.000	45587.9	54.8	mg/L	1.07	54.8	mg/L	1.07	1.96%
Sb 206.836	-36.5	-0.015	mg/L	0.0131	-0.015	mg/L	0.0131	86.05%
Se 196.026	-714.1	-1.02	mg/L	0.029	-1.02	mg/L	0.029	2.81%
Se 203.985	63.5	0.073	mg/L	0.0262	0.073	mg/L	0.0262	35.87%
Si 251.611	81539.6	4.11	mg/L	0.272	4.11	mg/L	0.272	6.61%
Ti 334.940	27282.3	0.178	mg/L	0.0037	0.178	mg/L	0.0037	2.07%
Tl 276.787	-74554.1	-51.8	mg/L	0.81	-51.8	mg/L	0.81	1.56%
Tl 190.801	-186.0	-0.634	mg/L	0.0459	-0.634	mg/L	0.0459	7.25%
V 290.880	25995.7	1.25	mg/L	0.013	1.25	mg/L	0.013	1.04%
V 292.402	107907.3	2.54	mg/L	0.026	2.54	mg/L	0.026	1.03%
Zn 206.200	110167.1	21.6	mg/L	0.09	21.6	mg/L	0.09	0.40%
Zn 213.857	608714.6	20.1	mg/L	0.06	20.1	mg/L	0.06	0.30%

Sequence No.: 26
Sample ID: M02070406-07A
Analyst:
Nebulizer Back Pressure: 342.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 26
Date Collected: 7/16/02 11:45:27 AM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070406-07A

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	-93853.7	-93670.7	-0.789	mg/L	-0.789	mg/L	11:47:19
1	Ag 338.289	-2084.6	-2055.6	-0.042	mg/L	-0.042	mg/L	11:47:25
1	Al 308.215	3674043.3	3637864.3	294	mg/L	294	mg/L	11:47:
1	Al 396.153	Saturated2	Saturated2					11:47:
Saturated in preshot (code 2)								
1	As 188.979	54.5	42.4	0.081	mg/L	0.081	mg/L	11:47:25
1	As 193.696	-125.8	-102.6	-0.130	mg/L	-0.130	mg/L	11:47:25

1	B 182.528	110.1	103.9	0.290 mg/L	0.290 mg/L	11:47:25
1	B 249.677	-38497.6	-39330.3	-1.87 mg/L	-1.87 mg/L	11:47:19
1	Ba 233.527	27118.0	27187.8	2.56 mg/L	2.56 mg/L	11:47:25
1	Be 313.107	155525.5	8949.6	-0.010 mg/L	-0.010 mg/L	11:47:19
1	Be 234.861	-2085549.7	-2085246.5	-7.43 mg/L	-7.43 mg/L	11:47:17
1	Ca 317.933	44564659.2	44564743.5	2360 mg/L	2360 mg/L	11:47:11
1	Cd 228.802	11590.7	11593.4	1.37 mg/L	1.37 mg/L	11:47:25
1	Cd 214.440	11607.3	11356.6	0.893 mg/L	0.893 mg/L	11:47:25
1	Co 228.616	1761.1	1878.3	0.371 mg/L	0.371 mg/L	11:47:25
1	Cr 205.560	11841.4	11874.3	2.02 mg/L	2.02 mg/L	11:47:25
1	Cr 267.716	45387.2	45214.7	1.98 mg/L	1.98 mg/L	11:47:19
1	Cu 327.393	4643691.6	4656107.8	27.2 mg/L	27.2 mg/L	11:47:17
1	Cu 324.752	9082894.2	9068210.5	28.0 mg/L	28.0 mg/L	11:47:11
1	Fe 273.955	3488867.7	3488864.1	1140 mg/L	1140 mg/L	11:47:17
1	Fe 259.939	8941954.1	8941921.8	320 mg/L	320 mg/L	11:47:11
1	Fe 238.204	4237465.1	4237313.2	274 mg/L	274 mg/L	11:47:17
1	K 766.490	1184223.8	1183593.8	23.3 mg/L	23.3 mg/L	11:47:15
1	K 404.721	Saturated2	Saturated2			11:47:25
Saturated in preshot (code 2)						
1	Li 670.784	1336441.6	1336948.1	1.09 mg/L	1.09 mg/L	11:47:15
1	Mg 285.213	28179516.2	28178728.7	126 mg/L	126 mg/L	11:47:11
1	Mn 257.610	1093974.3	1094024.0	11.6 mg/L	11.6 mg/L	11:47:17
1	Mo 202.031	921.2	900.3	0.260 mg/L	0.260 mg/L	11:47:25
1	Na 589.592	Saturated2	Saturated2			11:47:25
Saturated in preshot (code 2)						
1	Na 330.237	54142.7	54972.3	35.4 mg/L	35.4 mg/L	11:47:19
1	Ni 231.604	43516.9	43415.2	6.18 mg/L	6.18 mg/L	11:47:19
1	Pb 220.353	14497.1	14474.9	7.72 mg/L	7.72 mg/L	11:47:25
1	Pb 217.000	9801.0	9796.7	11.8 mg/L	11.8 mg/L	11:47:25
1	Sb 206.836	-30.2	-57.2	-0.029 mg/L	-0.029 mg/L	11:47:25
1	Se 196.026	-502.3	-515.2	-0.738 mg/L	-0.738 mg/L	11:47:25
1	Se 203.985	-169.2	-114.7	-0.106 mg/L	-0.106 mg/L	11:47:25
1	Si 251.611	265744.3	265148.9	13.4 mg/L	13.4 mg/L	11:47:19
1	Ti 334.940	12624.1	13654.6	0.091 mg/L	0.091 mg/L	11:47:17
1	Tl 276.787	-58162.8	-58279.9	-40.5 mg/L	-40.5 mg/L	11:47:19
1	Tl 190.801	-160.2	-137.0	-0.456 mg/L	-0.456 mg/L	11:47:25
1	V 290.880	17033.6	6905.2	0.312 mg/L	0.312 mg/L	11:47:19
1	V 292.402	56751.2	56615.4	1.33 mg/L	1.33 mg/L	11:47:19
1	Zn 206.200	112806.1	112800.1	22.1 mg/L	22.1 mg/L	11:47:19
1	Zn 213.857	581692.0	581404.5	19.2 mg/L	19.2 mg/L	11:47:19
2	Ag 328.068	-94157.8	-93974.8	-0.792 mg/L	-0.792 mg/L	11:47:37
2	Ag 338.289	-2222.7	-2193.8	-0.046 mg/L	-0.046 mg/L	11:47:44
2	Al 308.215	3761142.3	3724963.3	301 mg/L	301 mg/L	11:47:36
2	Al 396.153	Saturated2	Saturated2			11:47:44
Saturated in preshot (code 2)						
2	As 188.979	73.4	61.2	0.116 mg/L	0.116 mg/L	11:47:44
2	As 193.696	-140.5	-117.3	-0.150 mg/L	-0.150 mg/L	11:47:44
2	B 182.528	117.5	111.2	0.311 mg/L	0.311 mg/L	11:47:44
2	B 249.677	-36040.1	-36872.7	-1.76 mg/L	-1.76 mg/L	11:47:37
2	Ba 233.527	27570.6	27640.4	2.61 mg/L	2.61 mg/L	11:47:44
2	Be 313.107	154108.4	7532.5	-0.011 mg/L	-0.011 mg/L	11:47:37
2	Be 234.861	-2120873.4	-2120570.2	-7.56 mg/L	-7.56 mg/L	11:47:36
2	Ca 317.933	44475391.7	44475476.0	2360 mg/L	2360 mg/L	11:47:30
2	Cd 228.802	11800.9	11803.5	1.39 mg/L	1.39 mg/L	11:47:44
2	Cd 214.440	11788.3	11537.6	0.907 mg/L	0.907 mg/L	11:47:44
2	Co 228.616	1816.4	1933.6	0.381 mg/L	0.381 mg/L	11:47:44
2	Cr 205.560	12014.7	12047.6	2.05 mg/L	2.05 mg/L	11:47:44
2	Cr 267.716	46372.3	46199.9	2.03 mg/L	2.03 mg/L	11:47:37
2	Cu 327.393	4763281.5	4775697.7	27.9 mg/L	27.9 mg/L	11:47:36
2	Cu 324.752	9283824.9	9269141.2	28.6 mg/L	28.6 mg/L	11:47:30
2	Fe 273.955	3525960.4	3525956.8	1150 mg/L	1150 mg/L	11:47:36
2	Fe 259.939	8935790.7	8935758.3	320 mg/L	320 mg/L	11:47:30
2	Fe 238.204	4229858.3	4229706.5	274 mg/L	274 mg/L	11:47:36
2	K 766.490	1211840.6	1211210.6	23.9 mg/L	23.9 mg/L	11:47:34
2	K 404.721	Saturated2	Saturated2			11:47:44
Saturated in preshot (code 2)						
2	Li 670.784	1371989.7	1372496.1	1.12 mg/L	1.12 mg/L	11:47:34
2	Mg 285.213	28260465.1	28259677.6	126 mg/L	126 mg/L	11:47:30
2	Mn 257.610	1111241.7	1111291.4	11.8 mg/L	11.8 mg/L	11:47:36
2	Mo 202.031	1011.8	990.9	0.286 mg/L	0.286 mg/L	11:47:44
2	Na 589.592	Saturated2	Saturated2			11:47:44
Saturated in preshot (code 2)						
2	Na 330.237	53514.7	54344.4	35.0 mg/L	35.0 mg/L	11:47:37

2	Ni 231.604	43919.5	43817.8	6.24 mg/L	6.24 mg/L	11:47:37
2	Pb 220.353	14747.4	14725.3	7.85 mg/L	7.85 mg/L	11:47:44
2	Pb 217.000	10111.7	10107.3	12.2 mg/L	12.2 mg/L	11:47:44
2	Sb 206.836	-41.4	-68.4	-0.036 mg/L	-0.036 mg/L	11:47:44
2	Se 196.026	-561.5	-574.3	-0.823 mg/L	-0.823 mg/L	11:47:[illegible]
2	Se 203.985	-146.0	-91.6	-0.083 mg/L	-0.083 mg/L	11:47:4[illegible]
2	Si 251.611	273067.0	272471.5	13.8 mg/L	13.8 mg/L	11:47:37
2	Ti 334.940	14696.0	15726.4	0.104 mg/L	0.104 mg/L	11:47:36
2	Tl 276.787	-58755.4	-58872.6	-40.9 mg/L	-40.9 mg/L	11:47:37
2	Tl 190.801	-179.7	-156.5	-0.527 mg/L	-0.527 mg/L	11:47:44
2	V 290.880	16517.0	6388.5	0.286 mg/L	0.286 mg/L	11:47:37
2	V 292.402	56822.6	56686.7	1.33 mg/L	1.33 mg/L	11:47:37
2	Zn 206.200	116207.1	116201.1	22.8 mg/L	22.8 mg/L	11:47:37
2	Zn 213.857	597433.5	597146.0	19.7 mg/L	19.7 mg/L	11:47:37
3	Ag 328.068	-94970.6	-94787.6	-0.799 mg/L	-0.799 mg/L	11:47:56
3	Ag 338.289	-2245.9	-2216.9	-0.046 mg/L	-0.046 mg/L	11:48:03
3	Al 308.215	3754043.6	3717864.6	301 mg/L	301 mg/L	11:47:55
3	Al 396.153	Saturated2	Saturated2			11:48:03
Saturated in preshot (code 2)						
3	As 188.979	28.0	15.8	0.032 mg/L	0.032 mg/L	11:48:03
3	As 193.696	-151.0	-127.8	-0.164 mg/L	-0.164 mg/L	11:48:03
3	B 182.528	110.1	103.8	0.290 mg/L	0.290 mg/L	11:48:03
3	B 249.677	-39439.0	-40271.7	-1.92 mg/L	-1.92 mg/L	11:47:56
3	Ba 233.527	27481.9	27551.7	2.60 mg/L	2.60 mg/L	11:48:03
3	Be 313.107	155707.5	9131.6	-0.010 mg/L	-0.010 mg/L	11:47:56
3	Be 234.861	-2092658.9	-2092355.7	-7.46 mg/L	-7.46 mg/L	11:47:55
3	Ca 317.933	44119542.4	44119626.7	2340 mg/L	2340 mg/L	11:47:49
3	Cd 228.802	11974.5	11977.1	1.41 mg/L	1.41 mg/L	11:48:03
3	Cd 214.440	11709.3	11458.6	0.901 mg/L	0.901 mg/L	11:48:03
3	Co 228.616	1828.0	1945.2	0.383 mg/L	0.383 mg/L	11:48:03
3	Cr 205.560	12030.7	12063.6	2.05 mg/L	2.05 mg/L	11:48:03
3	Cr 267.716	46019.5	45847.0	2.01 mg/L	2.01 mg/L	11:47:56
3	Cu 327.393	4803065.6	4815481.8	28.1 mg/L	28.1 mg/L	11:47:55
3	Cu 324.752	9421919.0	9407235.4	29.0 mg/L	29.0 mg/L	11:47:49
3	Fe 273.955	3475734.2	3475730.5	1130 mg/L	1130 mg/L	11:47:55
3	Fe 259.939	8855530.8	8855498.4	317 mg/L	317 mg/L	11:47:49
3	Fe 238.204	4134297.1	4134145.3	268 mg/L	268 mg/L	11:47:55
3	K 766.490	1242040.4	1241410.4	24.4 mg/L	24.4 mg/L	11:47:5[illegible]
3	K 404.721	Saturated2	Saturated2			11:48:0[illegible]
Saturated in preshot (code 2)						
3	Li 670.784	1403314.7	1403821.2	1.14 mg/L	1.14 mg/L	11:47:53
3	Mg 285.213	28240750.4	28239962.8	126 mg/L	126 mg/L	11:47:49
3	Mn 257.610	1091035.4	1091085.1	11.6 mg/L	11.6 mg/L	11:47:55
3	Mo 202.031	996.6	975.7	0.282 mg/L	0.282 mg/L	11:48:03
3	Na 589.592	Saturated2	Saturated2			11:48:03
Saturated in preshot (code 2)						
3	Na 330.237	54814.8	55644.4	35.9 mg/L	35.9 mg/L	11:47:56
3	Ni 231.604	44079.1	43977.4	6.26 mg/L	6.26 mg/L	11:47:56
3	Pb 220.353	14742.7	14720.6	7.85 mg/L	7.85 mg/L	11:48:03
3	Pb 217.000	10179.5	10175.1	12.2 mg/L	12.2 mg/L	11:48:03
3	Sb 206.836	-18.2	-45.2	-0.021 mg/L	-0.021 mg/L	11:48:03
3	Se 196.026	-553.0	-565.9	-0.811 mg/L	-0.811 mg/L	11:48:03
3	Se 203.985	-122.0	-67.5	-0.059 mg/L	-0.059 mg/L	11:48:03
3	Si 251.611	276492.6	275897.1	13.9 mg/L	13.9 mg/L	11:47:56
3	Ti 334.940	17645.4	18675.8	0.123 mg/L	0.123 mg/L	11:47:55
3	Tl 276.787	-58577.1	-58694.2	-40.8 mg/L	-40.8 mg/L	11:47:56
3	Tl 190.801	-161.1	-137.9	-0.460 mg/L	-0.460 mg/L	11:48:03
3	V 290.880	16830.2	6701.8	0.302 mg/L	0.302 mg/L	11:47:56
3	V 292.402	57600.8	57464.9	1.35 mg/L	1.35 mg/L	11:47:56
3	Zn 206.200	115080.0	115074.0	22.6 mg/L	22.6 mg/L	11:47:56
3	Zn 213.857	593779.3	593491.8	19.6 mg/L	19.6 mg/L	11:47:56

Mean Data: M02070406-07A

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-94144.4	-0.793	mg/L	0.0049	-0.793	mg/L	0.0049	0.62%
Ag 338.289	-2155.4	-0.045	mg/L	0.0021	-0.045	mg/L	0.0021	4.72%
Al 308.215	3693564.1	299	mg/L	3.9	299	mg/L	3.9	1.31%
Al 396.153	Saturated2							
Saturated in preshot (code 2)								
As 188.979	39.8	0.076	mg/L	0.0423	0.076	mg/L	0.0423	55.58%
As 193.696	-115.9	-0.148	mg/L	0.0173	-0.148	mg/L	0.0173	11.72%

B 182.528	106.3	0.297 mg/L	0.0122	0.297 mg/L	0.0122	4.10%
B 249.677	-38824.9	-1.85 mg/L	0.084	-1.85 mg/L	0.084	4.52%
Ba 233.527	27460.0	2.59 mg/L	0.023	2.59 mg/L	0.023	0.87%
Be 313.107	8537.9	-0.010 mg/L	0.0006	-0.010 mg/L	0.0006	5.96%
Be 234.861	-2099390.8	-7.48 mg/L	0.067	-7.48 mg/L	0.067	0.89%
Ca 317.933	44386615.4	2350 mg/L	12.5	2350 mg/L	12.5	0.53%
Cd 228.802	11791.3	1.39 mg/L	0.023	1.39 mg/L	0.023	1.63%
Cd 214.440	11450.9	0.900 mg/L	0.0072	0.900 mg/L	0.0072	0.80%
Co 228.616	1919.0	0.378 mg/L	0.0069	0.378 mg/L	0.0069	1.83%
Cr 205.560	11995.2	2.04 mg/L	0.018	2.04 mg/L	0.018	0.88%
Cr 267.716	45753.9	2.01 mg/L	0.022	2.01 mg/L	0.022	1.09%
Cu 327.393	4749095.8	27.7 mg/L	0.48	27.7 mg/L	0.48	1.75%
Cu 324.752	9248195.7	28.5 mg/L	0.53	28.5 mg/L	0.53	1.84%
Fe 273.955	3496850.5	1140 mg/L	8.5	1140 mg/L	8.5	0.74%
Fe 259.939	8911059.5	319 mg/L	1.7	319 mg/L	1.7	0.54%
Fe 238.204	4200388.3	272 mg/L	3.7	272 mg/L	3.7	1.37%
K 766.490	1212071.6	23.9 mg/L	0.56	23.9 mg/L	0.56	2.36%
K 404.721	Saturated2					
Saturated in preshot (code 2)						
Li 670.784	1371088.5	1.12 mg/L	0.027	1.12 mg/L	0.027	2.39%
Mg 285.213	28226123.0	126 mg/L	0.2	126 mg/L	0.2	0.15%
Mn 257.610	1098800.2	11.6 mg/L	0.12	11.6 mg/L	0.12	0.99%
Mo 202.031	955.6	0.276 mg/L	0.0139	0.276 mg/L	0.0139	5.05%
Na 589.592	Saturated2					
Saturated in preshot (code 2)						
Na 330.237	54987.1	35.4 mg/L	0.42	35.4 mg/L	0.42	1.18%
Ni 231.604	43736.8	6.23 mg/L	0.041	6.23 mg/L	0.041	0.66%
Pb 220.353	14640.3	7.81 mg/L	0.076	7.81 mg/L	0.076	0.98%
Pb 217.000	10026.4	12.1 mg/L	0.24	12.1 mg/L	0.24	2.01%
Sb 206.836	-56.9	-0.029 mg/L	0.0076	-0.029 mg/L	0.0076	26.59%
Se 196.026	-551.8	-0.790 mg/L	0.0456	-0.790 mg/L	0.0456	5.77%
Se 203.985	-91.3	-0.083 mg/L	0.0238	-0.083 mg/L	0.0238	28.72%
Si 251.611	271172.5	13.7 mg/L	0.28	13.7 mg/L	0.28	2.03%
Ti 334.940	16018.9	0.106 mg/L	0.0160	0.106 mg/L	0.0160	15.05%
Tl 276.787	-58615.5	-40.7 mg/L	0.21	-40.7 mg/L	0.21	0.52%
Tl 190.801	-143.8	-0.481 mg/L	0.0399	-0.481 mg/L	0.0399	8.30%
V 290.880	6665.2	0.300 mg/L	0.0128	0.300 mg/L	0.0128	4.28%
V 292.402	56922.3	1.34 mg/L	0.011	1.34 mg/L	0.011	0.83%
Zn 206.200	114691.7	22.5 mg/L	0.34	22.5 mg/L	0.34	1.51%
Zn 213.857	590680.8	19.5 mg/L	0.27	19.5 mg/L	0.27	1.40%

Sequence No.: 27
Sample ID: M02070406-08A
Analyst:
Nebulizer Back Pressure: 342.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 27
Date Collected: 7/16/02 11:48:41 AM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070406-08A

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	-17454.6	-17271.6	-0.140	mg/L	-0.140	mg/L	11:50:34
1	Ag 338.289	8599.3	8628.3	0.216	mg/L	0.216	mg/L	11:50:40
1	Al 308.215	5240996.6	5204817.6	421	mg/L	421	mg/L	11:50:32
1	Al 396.153	Saturated2	Saturated2					11:50:40
Saturated in preshot (code 2)								
1	As 188.979	49.9	37.8	0.072	mg/L	0.072	mg/L	11:50:40
1	As 193.696	-138.0	-114.9	-0.146	mg/L	-0.146	mg/L	11:50:40
1	B 182.528	27.0	20.7	0.052	mg/L	0.052	mg/L	11:50:40
1	B 249.677	-5144.1	-5976.8	-0.285	mg/L	-0.285	mg/L	11:50:34
1	Ba 233.527	47843.9	47913.7	4.52	mg/L	4.52	mg/L	11:50:34
1	Be 313.107	145554.0	-1021.9	-0.017	mg/L	-0.017	mg/L	11:50:34
1	Be 234.861	-371068.0	-370764.8	-1.33	mg/L	-1.33	mg/L	11:50:34
1	Ca 317.933	59089280.8	59089365.1	3130	mg/L	3130	mg/L	11:50:24
1	Cd 228.802	33778.2	33780.9	3.98	mg/L	3.98	mg/L	11:50:34
1	Cd 214.440	19628.2	19377.4	1.53	mg/L	1.53	mg/L	11:50:40
1	Co 228.616	2382.8	2500.0	0.491	mg/L	0.491	mg/L	11:50:40
1	Cr 205.560	6169.6	6202.5	1.05	mg/L	1.05	mg/L	11:50:40
1	Cr 267.716	21272.0	21099.5	0.926	mg/L	0.926	mg/L	11:50:34
1	Cu 327.393	1181527.5	1193943.7	6.98	mg/L	6.98	mg/L	11:50:32
1	Cu 324.752	2474084.3	2459400.7	7.60	mg/L	7.60	mg/L	11:50:32

1	Fe 273.955	610808.0	610804.3	199 mg/L	199 mg/L	11:50:34
1	Fe 259.939	3409666.2	3409633.8	122 mg/L	122 mg/L	11:50:32
1	Fe 238.204	1983693.0	1983541.2	128 mg/L	128 mg/L	11:50:3[illegible]
1	K 766.490	1818323.5	1817693.5	35.6 mg/L	35.6 mg/L	11:50:[illegible]
1	K 404.721	-197015.6	-183557.5	0.000 mg/L	0.000 mg/L	11:50:32
1	Li 670.784	2016834.8	2017341.2	1.63 mg/L	1.63 mg/L	11:50:27
1	Mg 285.213	27659632.2	27658844.7	124 mg/L	124 mg/L	11:50:24
1	Mn 257.610	2081645.3	2081695.0	22.1 mg/L	22.1 mg/L	11:50:32
1	Mo 202.031	-43.9	-64.8	-0.017 mg/L	-0.017 mg/L	11:50:40
1	Na 589.592	Saturated2	Saturated2			11:50:40
Saturated in preshot (code 2)						
1	Na 330.237	60209.0	61038.7	39.4 mg/L	39.4 mg/L	11:50:34
1	Ni 231.604	14873.9	14772.2	2.11 mg/L	2.11 mg/L	11:50:40
1	Pb 220.353	9074.0	9051.8	4.83 mg/L	4.83 mg/L	11:50:40
1	Pb 217.000	7535.2	7530.8	9.07 mg/L	9.07 mg/L	11:50:40
1	Sb 206.836	41.7	14.7	0.018 mg/L	0.018 mg/L	11:50:40
1	Se 196.026	-78.1	-91.0	-0.134 mg/L	-0.134 mg/L	11:50:40
1	Se 203.985	106.4	160.9	0.171 mg/L	0.171 mg/L	11:50:40
1	Si 251.611	366421.9	365826.4	18.5 mg/L	18.5 mg/L	11:50:34
1	Ti 334.940	-17614.7	-16584.2	-0.100 mg/L	-0.100 mg/L	11:50:32
1	Tl 276.787	-6830.4	-6947.5	-4.81 mg/L	-4.81 mg/L	11:50:34
1	Tl 190.801	-59.3	-36.1	-0.092 mg/L	-0.092 mg/L	11:50:40
1	V 290.880	9360.9	-767.5	-0.066 mg/L	-0.066 mg/L	11:50:34
1	V 292.402	7911.5	7775.6	0.182 mg/L	0.182 mg/L	11:50:40
1	Zn 206.200	102330.0	102323.9	20.1 mg/L	20.1 mg/L	11:50:34
1	Zn 213.857	615204.7	614917.2	20.3 mg/L	20.3 mg/L	11:50:34
2	Ag 328.068	-17836.7	-17653.7	-0.143 mg/L	-0.143 mg/L	11:50:53
2	Ag 338.289	8887.4	8916.3	0.223 mg/L	0.223 mg/L	11:50:59
2	Al 308.215	5389437.2	5353258.2	433 mg/L	433 mg/L	11:50:51
2	Al 396.153	Saturated2	Saturated2			11:50:59
Saturated in preshot (code 2)						
2	As 188.979	30.9	18.8	0.037 mg/L	0.037 mg/L	11:50:59
2	As 193.696	-155.3	-132.2	-0.170 mg/L	-0.170 mg/L	11:50:59
2	B 182.528	29.5	23.3	0.060 mg/L	0.060 mg/L	11:50:59
2	B 249.677	-5510.3	-6343.0	-0.302 mg/L	-0.302 mg/L	11:50:53
2	Ba 233.527	48201.2	48271.0	4.56 mg/L	4.56 mg/L	11:50:5[illegible]
2	Be 313.107	146537.5	-38.4	-0.016 mg/L	-0.016 mg/L	11:50:[illegible]
2	Be 234.861	-370947.4	-370644.2	-1.33 mg/L	-1.33 mg/L	11:50:53
2	Ca 317.933	58815500.5	58815584.8	3120 mg/L	3120 mg/L	11:50:43
2	Cd 228.802	34976.0	34978.7	4.12 mg/L	4.12 mg/L	11:50:53
2	Cd 214.440	19668.9	19418.2	1.53 mg/L	1.53 mg/L	11:50:59
2	Co 228.616	2423.3	2540.5	0.499 mg/L	0.499 mg/L	11:50:59
2	Cr 205.560	6204.9	6237.8	1.06 mg/L	1.06 mg/L	11:50:59
2	Cr 267.716	21349.2	21176.7	0.930 mg/L	0.930 mg/L	11:50:53
2	Cu 327.393	1221403.6	1233819.8	7.21 mg/L	7.21 mg/L	11:50:51
2	Cu 324.752	2560405.5	2545721.9	7.86 mg/L	7.86 mg/L	11:50:51
2	Fe 273.955	611216.3	611212.7	199 mg/L	199 mg/L	11:50:53
2	Fe 259.939	3396727.9	3396695.5	122 mg/L	122 mg/L	11:50:51
2	Fe 238.204	1966909.6	1966757.8	127 mg/L	127 mg/L	11:50:51
2	K 766.490	1911711.7	1911081.7	37.5 mg/L	37.5 mg/L	11:50:49
2	K 404.721	-200958.0	-187499.9	0.000 mg/L	0.000 mg/L	11:50:51
2	Li 670.784	2077469.1	2077975.6	1.68 mg/L	1.68 mg/L	11:50:46
2	Mg 285.213	27790604.4	27789816.8	124 mg/L	124 mg/L	11:50:43
2	Mn 257.610	2083676.3	2083726.0	22.1 mg/L	22.1 mg/L	11:50:51
2	Mo 202.031	-40.9	-61.8	-0.017 mg/L	-0.017 mg/L	11:50:59
2	Na 589.592	Saturated2	Saturated2			11:50:59
Saturated in preshot (code 2)						
2	Na 330.237	62225.1	63054.7	40.7 mg/L	40.7 mg/L	11:50:53
2	Ni 231.604	14935.0	14833.3	2.11 mg/L	2.11 mg/L	11:50:59
2	Pb 220.353	9043.8	9021.7	4.82 mg/L	4.82 mg/L	11:50:59
2	Pb 217.000	7741.8	7737.4	9.32 mg/L	9.32 mg/L	11:50:59
2	Sb 206.836	12.3	-14.7	-0.001 mg/L	-0.001 mg/L	11:50:59
2	Se 196.026	-70.9	-83.7	-0.124 mg/L	-0.124 mg/L	11:50:59
2	Se 203.985	97.0	151.5	0.162 mg/L	0.162 mg/L	11:50:59
2	Si 251.611	379673.8	379078.3	19.1 mg/L	19.1 mg/L	11:50:53
2	Ti 334.940	-20827.2	-19796.7	-0.121 mg/L	-0.121 mg/L	11:50:51
2	Tl 276.787	-7181.0	-7298.2	-5.05 mg/L	-5.05 mg/L	11:50:53
2	Tl 190.801	-87.2	-63.9	-0.192 mg/L	-0.192 mg/L	11:50:59
2	V 290.880	9399.1	-729.3	-0.064 mg/L	-0.064 mg/L	11:50:[illegible]
2	V 292.402	8145.6	8009.7	0.188 mg/L	0.188 mg/L	11:50:5[illegible]
2	Zn 206.200	101764.3	101758.2	20.0 mg/L	20.0 mg/L	11:50:53
2	Zn 213.857	613367.9	613080.4	20.3 mg/L	20.3 mg/L	11:50:53
3	Ag 328.068	-17841.6	-17658.6	-0.143 mg/L	-0.143 mg/L	11:51:12

3	Ag 338.289	8974.7	9003.7	0.225 mg/L	0.225 mg/L	11:51:18
3	Al 308.215	5376856.1	5340677.1	432 mg/L	432 mg/L	11:51:11
3	Al 396.153	Saturated2	Saturated2			11:51:18
Saturated in preshot (code 2)						
3	As 188.979	23.4	11.3	0.023 mg/L	0.023 mg/L	11:51:18
3	As 193.696	-162.2	-139.1	-0.179 mg/L	-0.179 mg/L	11:51:18
3	B 182.528	21.1	14.9	0.036 mg/L	0.036 mg/L	11:51:18
3	B 249.677	-5780.3	-6613.0	-0.315 mg/L	-0.315 mg/L	11:51:12
3	Ba 233.527	48651.2	48721.1	4.60 mg/L	4.60 mg/L	11:51:12
3	Be 313.107	146255.7	-320.3	-0.016 mg/L	-0.016 mg/L	11:51:12
3	Be 234.861	-371591.3	-371288.1	-1.33 mg/L	-1.33 mg/L	11:51:12
3	Ca 317.933	59425424.6	59425508.9	3150 mg/L	3150 mg/L	11:51:03
3	Cd 228.802	35008.6	35011.3	4.13 mg/L	4.13 mg/L	11:51:12
3	Cd 214.440	19928.4	19677.6	1.55 mg/L	1.55 mg/L	11:51:18
3	Co 228.616	2414.4	2531.6	0.497 mg/L	0.497 mg/L	11:51:18
3	Cr 205.560	6314.6	6347.5	1.08 mg/L	1.08 mg/L	11:51:18
3	Cr 267.716	21659.5	21487.0	0.943 mg/L	0.943 mg/L	11:51:12
3	Cu 327.393	1214487.8	1226904.0	7.17 mg/L	7.17 mg/L	11:51:11
3	Cu 324.752	2541342.7	2526659.1	7.81 mg/L	7.81 mg/L	11:51:11
3	Fe 273.955	614572.4	614568.8	200 mg/L	200 mg/L	11:51:12
3	Fe 259.939	3440964.0	3440931.6	123 mg/L	123 mg/L	11:51:11
3	Fe 238.204	2006673.3	2006521.5	130 mg/L	130 mg/L	11:51:11
3	K 766.490	1931298.0	1930667.9	37.8 mg/L	37.8 mg/L	11:51:09
3	K 404.721	-198107.8	-184649.7	0.000 mg/L	0.000 mg/L	11:51:11
3	Li 670.784	2158744.0	2159250.4	1.75 mg/L	1.75 mg/L	11:51:06
3	Mg 285.213	28086825.0	28086037.4	126 mg/L	126 mg/L	11:51:03
3	Mn 257.610	2111055.3	2111105.0	22.4 mg/L	22.4 mg/L	11:51:11
3	Mo 202.031	-54.4	-75.3	-0.021 mg/L	-0.021 mg/L	11:51:18
3	Na 589.592	Saturated2	Saturated2			11:51:18
Saturated in preshot (code 2)						
3	Na 330.237	61981.1	62810.7	40.5 mg/L	40.5 mg/L	11:51:12
3	Ni 231.604	15082.9	14981.2	2.14 mg/L	2.14 mg/L	11:51:18
3	Pb 220.353	9128.8	9106.6	4.86 mg/L	4.86 mg/L	11:51:18
3	Pb 217.000	7819.4	7815.1	9.41 mg/L	9.41 mg/L	11:51:18
3	Sb 206.836	31.9	4.9	0.012 mg/L	0.012 mg/L	11:51:18
3	Se 196.026	-90.4	-103.3	-0.152 mg/L	-0.152 mg/L	11:51:18
3	Se 203.985	84.8	139.3	0.149 mg/L	0.149 mg/L	11:51:18
3	Si 251.611	381760.9	381165.4	19.2 mg/L	19.2 mg/L	11:51:12
3	Ti 334.940	-19699.0	-18668.5	-0.114 mg/L	-0.114 mg/L	11:51:11
3	Tl 276.787	-7108.3	-7225.4	-5.00 mg/L	-5.00 mg/L	11:51:12
3	Tl 190.801	-75.1	-51.9	-0.149 mg/L	-0.149 mg/L	11:51:18
3	V 290.880	9458.2	-670.2	-0.062 mg/L	-0.062 mg/L	11:51:12
3	V 292.402	8228.5	8092.6	0.190 mg/L	0.190 mg/L	11:51:18
3	Zn 206.200	102782.3	102776.2	20.2 mg/L	20.2 mg/L	11:51:12
3	Zn 213.857	617931.2	617643.6	20.4 mg/L	20.4 mg/L	11:51:12

Mean Data: M02070406-08A

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-17528.0	-0.142	mg/L	0.0019	-0.142	mg/L	0.0019	1.33%
Ag 338.289	8849.4	0.222	mg/L	0.0048	0.222	mg/L	0.0048	2.15%
Al 308.215	5299584.3	429	mg/L	6.7	429	mg/L	6.7	1.55%
Al 396.153	Saturated2							
Saturated in preshot (code 2)								
As 188.979	22.6	0.044	mg/L	0.0253	0.044	mg/L	0.0253	57.26%
As 193.696	-128.7	-0.165	mg/L	0.0170	-0.165	mg/L	0.0170	10.31%
B 182.528	19.6	0.049	mg/L	0.0124	0.049	mg/L	0.0124	25.10%
B 249.677	-6310.9	-0.301	mg/L	0.0152	-0.301	mg/L	0.0152	5.06%
Ba 233.527	48301.9	4.56	mg/L	0.038	4.56	mg/L	0.038	0.84%
Be 313.107	-460.2	-0.016	mg/L	0.0003	-0.016	mg/L	0.0003	2.14%
Be 234.861	-370899.0	-1.33	mg/L	0.001	-1.33	mg/L	0.001	0.09%
Ca 317.933	59110152.9	3130	mg/L	16.2	3130	mg/L	16.2	0.52%
Cd 228.802	34590.3	4.08	mg/L	0.083	4.08	mg/L	0.083	2.03%
Cd 214.440	19491.1	1.54	mg/L	0.013	1.54	mg/L	0.013	0.84%
Co 228.616	2524.0	0.495	mg/L	0.0041	0.495	mg/L	0.0041	0.83%
Cr 205.560	6262.6	1.06	mg/L	0.013	1.06	mg/L	0.013	1.21%
Cr 267.716	21254.4	0.933	mg/L	0.0090	0.933	mg/L	0.0090	0.96%
Cu 327.393	1218222.5	7.12	mg/L	0.124	7.12	mg/L	0.124	1.75%
Cu 324.752	2510593.9	7.76	mg/L	0.140	7.76	mg/L	0.140	1.80%
Fe 273.955	612195.3	199	mg/L	0.7	199	mg/L	0.7	0.34%
Fe 259.939	3415753.6	122	mg/L	0.8	122	mg/L	0.8	0.67%
Fe 238.204	1985606.8	129	mg/L	1.3	129	mg/L	1.3	1.01%

K 766.490	1886481.0	37.0 mg/L	1.17	37.0 mg/L	1.17	3.18%
K 404.721	-185235.7	0.000 mg/L	0.0000	0.000 mg/L	0.0000	0.00%
Li 670.784	2084855.7	1.69 mg/L	0.057	1.69 mg/L	0.057	3.37%
Mg 285.213	27844899.6	125 mg/L	1.0	125 mg/L	1.0	0.75
Mn 257.610	2092175.3	22.2 mg/L	0.17	22.2 mg/L	0.17	0.79%
Mo 202.031	-67.3	-0.018 mg/L	0.0020	-0.018 mg/L	0.0020	11.23%
Na 589.592	Saturated2					
Saturated in preshot (code 2)						
Na 330.237	62301.4	40.2 mg/L	0.71	40.2 mg/L	0.71	1.77%
Ni 231.604	14862.2	2.12 mg/L	0.015	2.12 mg/L	0.015	0.72%
Pb 220.353	9060.0	4.84 mg/L	0.023	4.84 mg/L	0.023	0.47%
Pb 217.000	7694.4	9.27 mg/L	0.177	9.27 mg/L	0.177	1.91%
Sb 206.836	1.6	0.010 mg/L	0.0098	0.010 mg/L	0.0098	100.31%
Se 196.026	-92.7	-0.136 mg/L	0.0141	-0.136 mg/L	0.0141	10.31%
Se 203.985	150.5	0.161 mg/L	0.0109	0.161 mg/L	0.0109	6.79%
Si 251.611	375356.7	19.0 mg/L	0.42	19.0 mg/L	0.42	2.22%
Ti 334.940	-18349.8	-0.112 mg/L	0.0103	-0.112 mg/L	0.0103	9.26%
Tl 276.787	-7157.0	-4.95 mg/L	0.129	-4.95 mg/L	0.129	2.60%
Tl 190.801	-50.6	-0.144 mg/L	0.0505	-0.144 mg/L	0.0505	35.00%
V 290.880	-722.3	-0.064 mg/L	0.0024	-0.064 mg/L	0.0024	3.77%
V 292.402	7959.3	0.187 mg/L	0.0039	0.187 mg/L	0.0039	2.07%
Zn 206.200	102286.1	20.1 mg/L	0.10	20.1 mg/L	0.10	0.50%
Zn 213.857	615213.7	20.3 mg/L	0.08	20.3 mg/L	0.08	0.37%

Sequence No.: 28
Sample ID: M02070406-09A
Analyst:
Nebulizer Back Pressure: 342.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 28
Date Collected: 7/16/02 11:51:58 AM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070406-09A

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	-192161.2	-191978.3	-1.63	mg/L	-1.63	mg/L	11:53:4
1	Ag 338.289	-10154.7	-10125.8	-0.238	mg/L	-0.238	mg/L	11:53:46
1	Al 308.215	13240614.6	13204435.6	1070	mg/L	1070	mg/L	11:53:42
1	Al 396.153	Saturated3	Saturated3					11:53:52
Saturated in preshot (code 3)								
1	As 188.979	186.1	174.0	0.325	mg/L	0.325	mg/L	11:53:52
1	As 193.696	-254.4	-231.3	-0.306	mg/L	-0.306	mg/L	11:53:52
1	B 182.528	82.1	75.8	0.210	mg/L	0.210	mg/L	11:53:52
1	B 249.677	-96346.4	-97179.1	-4.63	mg/L	-4.63	mg/L	11:53:46
1	Ba 233.527	50908.9	50978.8	4.81	mg/L	4.81	mg/L	11:53:46
1	Be 313.107	186318.9	39743.0	0.011	mg/L	0.011	mg/L	11:53:46
1	Be 234.861	-3104484.6	-3104181.4	-11.1	mg/L	-11.1	mg/L	11:53:44
1	Ca 317.933	39623347.1	39623431.4	2100	mg/L	2100	mg/L	11:53:42
1	Cd 228.802	9721.9	9724.6	1.15	mg/L	1.15	mg/L	11:53:52
1	Cd 214.440	12701.8	12451.1	0.979	mg/L	0.979	mg/L	11:53:52
1	Co 228.616	2869.6	2986.8	0.585	mg/L	0.585	mg/L	11:53:52
1	Cr 205.560	9764.0	9796.9	1.66	mg/L	1.66	mg/L	11:53:52
1	Cr 267.716	41588.9	41416.4	1.82	mg/L	1.82	mg/L	11:53:46
1	Cu 327.393	1307190.3	1319606.5	7.71	mg/L	7.71	mg/L	11:53:44
1	Cu 324.752	2615728.5	2601044.9	8.04	mg/L	8.04	mg/L	11:53:44
1	Fe 273.955	5230706.3	5230702.7	1700	mg/L	1700	mg/L	11:53:44
1	Fe 259.939	9914227.4	9914195.0	355	mg/L	355	mg/L	11:53:42
1	Fe 238.204	4669102.9	4668951.1	302	mg/L	302	mg/L	11:53:44
1	K 766.490	Saturated2	Saturated2					11:53:52
Saturated in preshot (code 2)								
1	K 404.721	Saturated2	Saturated2					11:53:52
Saturated in preshot (code 2)								
1	Li 670.784	Saturated2	Saturated2					11:53:52
Saturated in preshot (code 2)								
1	Mg 285.213	28639864.4	28639076.8	128	mg/L	128	mg/L	11:53:42
1	Mn 257.610	1968523.1	1968572.8	20.9	mg/L	20.9	mg/L	11:53:44
1	Mo 202.031	-112.6	-133.5	-0.037	mg/L	-0.037	mg/L	11:53:52
1	Na 589.592	Saturated2	Saturated2					11:53:5
Saturated in preshot (code 2)								
1	Na 330.237	41201.3	42031.0	27.1	mg/L	27.1	mg/L	11:53:46
1	Ni 231.604	26572.5	26470.7	3.77	mg/L	3.77	mg/L	11:53:46
1	Pb 220.353	10074.4	10052.3	5.37	mg/L	5.37	mg/L	11:53:52

1	Pb 217.000	8546.2	8541.9	10.3 mg/L	10.3 mg/L	11:53:52
1	Sb 206.836	-55.6	-82.6	-0.045 mg/L	-0.045 mg/L	11:53:52
1	Se 196.026	-1155.9	-1168.8	-1.67 mg/L	-1.67 mg/L	11:53:52
1	Se 203.985	-309.8	-255.4	-0.248 mg/L	-0.248 mg/L	11:53:52
1	Si 251.611	86180.1	85584.6	4.31 mg/L	4.31 mg/L	11:53:46
1	Ti 334.940	44548.8	45579.2	0.293 mg/L	0.293 mg/L	11:53:46
1	Tl 276.787	-121627.8	-121744.9	-84.6 mg/L	-84.6 mg/L	11:53:44
1	Tl 190.801	-275.7	-252.5	-0.874 mg/L	-0.874 mg/L	11:53:52
1	V 290.880	46259.1	36130.6	1.75 mg/L	1.75 mg/L	11:53:46
1	V 292.402	161595.2	161459.3	3.80 mg/L	3.80 mg/L	11:53:46
1	Zn 206.200	76147.5	76141.5	14.9 mg/L	14.9 mg/L	11:53:46
1	Zn 213.857	507636.3	507348.8	16.8 mg/L	16.8 mg/L	11:53:46
2	Ag 328.068	-194203.7	-194020.7	-1.64 mg/L	-1.64 mg/L	11:54:00
2	Ag 338.289	-10358.8	-10329.8	-0.243 mg/L	-0.243 mg/L	11:54:00
2	Al 308.215	13314847.6	13278668.6	1070 mg/L	1070 mg/L	11:53:57
2	Al 396.153	Saturated3	Saturated3			11:54:06
Saturated in preshot (code 3)						
2	As 188.979	181.3	169.2	0.316 mg/L	0.316 mg/L	11:54:06
2	As 193.696	-266.6	-243.4	-0.322 mg/L	-0.322 mg/L	11:54:06
2	B 182.528	89.3	83.0	0.231 mg/L	0.231 mg/L	11:54:06
2	B 249.677	-94245.4	-95078.1	-4.53 mg/L	-4.53 mg/L	11:54:00
2	Ba 233.527	51153.5	51223.3	4.83 mg/L	4.83 mg/L	11:54:00
2	Be 313.107	186308.3	39732.4	0.011 mg/L	0.011 mg/L	11:54:00
2	Be 234.861	-3069584.2	-3069281.0	-10.9 mg/L	-10.9 mg/L	11:53:59
2	Ca 317.933	39521076.1	39521160.4	2100 mg/L	2100 mg/L	11:53:57
2	Cd 228.802	9803.4	9806.1	1.16 mg/L	1.16 mg/L	11:54:06
2	Cd 214.440	12747.9	12497.1	0.983 mg/L	0.983 mg/L	11:54:06
2	Co 228.616	2897.6	3014.8	0.590 mg/L	0.590 mg/L	11:54:06
2	Cr 205.560	9715.5	9748.4	1.66 mg/L	1.66 mg/L	11:54:06
2	Cr 267.716	42134.7	41962.3	1.84 mg/L	1.84 mg/L	11:54:00
2	Cu 327.393	1309490.4	1321906.6	7.72 mg/L	7.72 mg/L	11:53:59
2	Cu 324.752	2629312.7	2614629.1	8.08 mg/L	8.08 mg/L	11:53:59
2	Fe 273.955	5210007.1	5210003.5	1700 mg/L	1700 mg/L	11:53:59
2	Fe 259.939	9899330.3	9899297.9	355 mg/L	355 mg/L	11:53:57
2	Fe 238.204	4657026.2	4656874.4	301 mg/L	301 mg/L	11:53:59
2	K 766.490	Saturated2	Saturated2			11:54:06
Saturated in preshot (code 2)						
2	K 404.721	Saturated2	Saturated2			11:54:06
Saturated in preshot (code 2)						
2	Li 670.784	Saturated2	Saturated2			11:54:06
Saturated in preshot (code 2)						
2	Mg 285.213	28583601.0	28582813.5	128 mg/L	128 mg/L	11:53:57
2	Mn 257.610	1961746.9	1961796.6	20.8 mg/L	20.8 mg/L	11:53:59
2	Mo 202.031	-83.8	-104.7	-0.029 mg/L	-0.029 mg/L	11:54:06
2	Na 589.592	Saturated2	Saturated2			11:54:06
Saturated in preshot (code 2)						
2	Na 330.237	41345.5	42175.1	27.2 mg/L	27.2 mg/L	11:54:00
2	Ni 231.604	27116.6	27014.9	3.85 mg/L	3.85 mg/L	11:54:00
2	Pb 220.353	10068.3	10046.2	5.36 mg/L	5.36 mg/L	11:54:06
2	Pb 217.000	8611.2	8606.9	10.4 mg/L	10.4 mg/L	11:54:06
2	Sb 206.836	-90.8	-117.8	-0.068 mg/L	-0.068 mg/L	11:54:06
2	Se 196.026	-1173.8	-1186.7	-1.69 mg/L	-1.69 mg/L	11:54:06
2	Se 203.985	-352.9	-298.5	-0.291 mg/L	-0.291 mg/L	11:54:06
2	Si 251.611	90376.3	89780.8	4.52 mg/L	4.52 mg/L	11:54:00
2	Ti 334.940	44601.4	45631.9	0.294 mg/L	0.294 mg/L	11:54:00
2	Tl 276.787	-121814.1	-121931.2	-84.7 mg/L	-84.7 mg/L	11:53:59
2	Tl 190.801	-282.0	-258.8	-0.897 mg/L	-0.897 mg/L	11:54:06
2	V 290.880	47019.2	36890.8	1.79 mg/L	1.79 mg/L	11:54:00
2	V 292.402	162532.6	162396.7	3.82 mg/L	3.82 mg/L	11:54:00
2	Zn 206.200	77834.8	77828.7	15.3 mg/L	15.3 mg/L	11:54:00
2	Zn 213.857	512832.3	512544.7	16.9 mg/L	16.9 mg/L	11:54:00
3	Ag 328.068	-193326.0	-193143.0	-1.64 mg/L	-1.64 mg/L	11:54:15
3	Ag 338.289	-10347.2	-10318.3	-0.242 mg/L	-0.242 mg/L	11:54:15
3	Al 308.215	13337551.2	13301372.2	1080 mg/L	1080 mg/L	11:54:12
3	Al 396.153	Saturated3	Saturated3			11:54:21
Saturated in preshot (code 3)						
3	As 188.979	169.9	157.7	0.295 mg/L	0.295 mg/L	11:54:21
3	As 193.696	-292.8	-269.6	-0.358 mg/L	-0.358 mg/L	11:54:21
3	B 182.528	64.8	58.5	0.160 mg/L	0.160 mg/L	11:54:21
3	B 249.677	-98065.1	-98897.8	-4.71 mg/L	-4.71 mg/L	11:54:15
3	Ba 233.527	50763.9	50833.8	4.80 mg/L	4.80 mg/L	11:54:15
3	Be 313.107	186633.5	40057.6	0.012 mg/L	0.012 mg/L	11:54:15
3	Be 234.861	-3075613.9	-3075310.7	-11.0 mg/L	-11.0 mg/L	11:54:14

3	Ca 317.933	39753454.5	39753538.8	2110 mg/L	2110 mg/L	11:54:12
3	Cd 228.802	9958.9	9961.6	1.17 mg/L	1.17 mg/L	11:54:21
3	Cd 214.440	12806.1	12555.4	0.988 mg/L	0.988 mg/L	11:54:2
3	Co 228.616	2883.4	3000.6	0.588 mg/L	0.588 mg/L	11:54:21
3	Cr 205.560	9883.3	9916.2	1.68 mg/L	1.68 mg/L	11:54:21
3	Cr 267.716	41438.7	41266.2	1.81 mg/L	1.81 mg/L	11:54:15
3	Cu 327.393	1353633.1	1366049.3	7.98 mg/L	7.98 mg/L	11:54:14
3	Cu 324.752	2712649.8	2697966.2	8.33 mg/L	8.33 mg/L	11:54:14
3	Fe 273.955	5180143.0	5180139.4	1690 mg/L	1690 mg/L	11:54:14
3	Fe 259.939	9931082.8	9931050.4	356 mg/L	356 mg/L	11:54:12
3	Fe 238.204	4582592.4	4582440.6	297 mg/L	297 mg/L	11:54:14
3	K 766.490	Saturated2	Saturated2			11:54:21
Saturated in preshot (code 2)						
3	K 404.721	Saturated2	Saturated2			11:54:21
Saturated in preshot (code 2)						
3	Li 670.784	Saturated2	Saturated2			11:54:21
Saturated in preshot (code 2)						
3	Mg 285.213	28691365.4	28690577.9	128 mg/L	128 mg/L	11:54:12
3	Mn 257.610	1965607.8	1965657.5	20.8 mg/L	20.8 mg/L	11:54:14
3	Mo 202.031	-67.2	-88.1	-0.024 mg/L	-0.024 mg/L	11:54:21
3	Na 589.592	Saturated2	Saturated2			11:54:21
Saturated in preshot (code 2)						
3	Na 330.237	41276.7	42106.3	27.1 mg/L	27.1 mg/L	11:54:15
3	Ni 231.604	26623.7	26522.0	3.78 mg/L	3.78 mg/L	11:54:15
3	Pb 220.353	10154.3	10132.2	5.41 mg/L	5.41 mg/L	11:54:21
3	Pb 217.000	8801.6	8797.3	10.6 mg/L	10.6 mg/L	11:54:21
3	Sb 206.836	-60.9	-87.9	-0.049 mg/L	-0.049 mg/L	11:54:21
3	Se 196.026	-1189.4	-1202.2	-1.72 mg/L	-1.72 mg/L	11:54:21
3	Se 203.985	-319.0	-264.5	-0.257 mg/L	-0.257 mg/L	11:54:21
3	Si 251.611	94075.0	93479.5	4.71 mg/L	4.71 mg/L	11:54:15
3	Ti 334.940	44007.9	45038.3	0.290 mg/L	0.290 mg/L	11:54:15
3	Tl 276.787	-125551.5	-125668.6	-87.3 mg/L	-87.3 mg/L	11:54:14
3	Tl 190.801	-284.8	-261.6	-0.907 mg/L	-0.907 mg/L	11:54:21
3	V 290.880	46403.1	36274.6	1.76 mg/L	1.76 mg/L	11:54:15
3	V 292.402	161988.7	161852.9	3.81 mg/L	3.81 mg/L	11:54:15
3	Zn 206.200	76238.8	76232.7	14.9 mg/L	14.9 mg/L	11:54:1
3	Zn 213.857	508123.1	507835.6	16.8 mg/L	16.8 mg/L	11:54:1

Mean Data: M02070406-09A

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-193047.3	-1.63	mg/L	0.009	-1.63	mg/L	0.009	0.53%
Ag 338.289	-10258.0	-0.241	mg/L	0.0028	-0.241	mg/L	0.0028	1.15%
Al 308.215	13261492.2	1070	mg/L	4.1	1070	mg/L	4.1	0.38%
Al 396.153	Saturated3							
Saturated in preshot (code 3)								
As 188.979	167.0	0.312	mg/L	0.0154	0.312	mg/L	0.0154	4.95%
As 193.696	-248.1	-0.329	mg/L	0.0268	-0.329	mg/L	0.0268	8.17%
B 182.528	72.5	0.200	mg/L	0.0360	0.200	mg/L	0.0360	17.98%
B 249.677	-97051.7	-4.62	mg/L	0.091	-4.62	mg/L	0.091	1.97%
Ba 233.527	51011.9	4.81	mg/L	0.019	4.81	mg/L	0.019	0.39%
Be 313.107	39844.4	0.011	mg/L	0.0001	0.011	mg/L	0.0001	1.11%
Be 234.861	-3082924.4	-11.0	mg/L	0.07	-11.0	mg/L	0.07	0.60%
Ca 317.933	39632710.2	2100	mg/L	6.2	2100	mg/L	6.2	0.29%
Cd 228.802	9830.7	1.16	mg/L	0.014	1.16	mg/L	0.014	1.23%
Cd 214.440	12501.2	0.983	mg/L	0.0041	0.983	mg/L	0.0041	0.42%
Co 228.616	3000.7	0.588	mg/L	0.0027	0.588	mg/L	0.0027	0.46%
Cr 205.560	9820.5	1.67	mg/L	0.015	1.67	mg/L	0.015	0.88%
Cr 267.716	41548.3	1.82	mg/L	0.016	1.82	mg/L	0.016	0.88%
Cu 327.393	1335854.1	7.80	mg/L	0.153	7.80	mg/L	0.153	1.96%
Cu 324.752	2637880.1	8.15	mg/L	0.162	8.15	mg/L	0.162	1.99%
Fe 273.955	5206948.5	1700	mg/L	8.3	1700	mg/L	8.3	0.49%
Fe 259.939	9914847.8	355	mg/L	0.6	355	mg/L	0.6	0.16%
Fe 238.204	4636088.7	300	mg/L	3.0	300	mg/L	3.0	1.01%
K 766.490	Saturated2							
Saturated in preshot (code 2)								
K 404.721	Saturated2							
Saturated in preshot (code 2)								
Li 670.784	Saturated2							
Saturated in preshot (code 2)								
Mg 285.213	28637489.4	128	mg/L	0.2	128	mg/L	0.2	0.19%
Mn 257.610	1965342.3	20.8	mg/L	0.04	20.8	mg/L	0.04	0.17%

Mo 202.031	-108.8	-0.030 mg/L	0.0066	-0.030 mg/L	0.0066	21.96%
Na 589.592	Saturated2					
Saturated in preshot (code 2)						
Na 330.237	42104.1	27.1 mg/L	0.05	27.1 mg/L	0.05	0.17%
Ni 231.604	26669.2	3.80 mg/L	0.043	3.80 mg/L	0.043	1.13%
Pb 220.353	10076.9	5.38 mg/L	0.026	5.38 mg/L	0.026	0.47%
Pb 217.000	8648.7	10.4 mg/L	0.16	10.4 mg/L	0.16	1.53%
Sb 206.836	-96.1	-0.054 mg/L	0.0124	-0.054 mg/L	0.0124	22.94%
Se 196.026	-1185.9	-1.69 mg/L	0.024	-1.69 mg/L	0.024	1.41%
Se 203.985	-272.8	-0.266 mg/L	0.0229	-0.266 mg/L	0.0229	8.61%
Si 251.611	89615.0	4.52 mg/L	0.200	4.52 mg/L	0.200	4.42%
Ti 334.940	45416.5	0.292 mg/L	0.0021	0.292 mg/L	0.0021	0.71%
Tl 276.787	-123114.9	-85.6 mg/L	1.54	-85.6 mg/L	1.54	1.80%
Tl 190.801	-257.6	-0.893 mg/L	0.0169	-0.893 mg/L	0.0169	1.89%
V 290.880	36432.0	1.77 mg/L	0.020	1.77 mg/L	0.020	1.13%
V 292.402	161902.9	3.81 mg/L	0.011	3.81 mg/L	0.011	0.29%
Zn 206.200	76734.3	15.0 mg/L	0.19	15.0 mg/L	0.19	1.24%
Zn 213.857	509243.0	16.8 mg/L	0.10	16.8 mg/L	0.10	0.57%

Sequence No.: 29
Sample ID: icv/ccv
Analyst:
Nebulizer Back Pressure: 343.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 7/16/02 11:55:01 AM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: icv/ccv

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	115201.8	115384.8	0.988	mg/L	0.988	mg/L	11:56:44
1	Ag 338.289	40493.0	40522.0	0.989	mg/L	0.989	mg/L	11:56:44
1	Al 308.215	58954.2	22775.2	1.71	mg/L	1.71	mg/L	11:56:44
1	Al 396.153	2890.7	2755.4	1.89	mg/L	1.89	mg/L	11:56:44
1	As 188.979	521.9	509.7	0.947	mg/L	0.947	mg/L	11:56:50
1	As 193.696	673.9	697.1	0.965	mg/L	0.965	mg/L	11:56:50
1	B 182.528	333.3	327.0	0.928	mg/L	0.928	mg/L	11:56:50
1	B 249.677	20028.4	19195.8	0.915	mg/L	0.915	mg/L	11:56:44
1	Ba 233.527	10521.4	10591.2	0.997	mg/L	0.997	mg/L	11:56:50
1	Be 313.107	1634532.6	1487956.7	1.01	mg/L	1.01	mg/L	11:56:43
1	Be 234.861	274855.8	275159.0	0.968	mg/L	0.968	mg/L	11:56:44
1	Ca 317.933	118344.5	118428.8	6.29	mg/L	6.29	mg/L	11:56:44
1	Cd 228.802	8366.4	8369.1	0.987	mg/L	0.987	mg/L	11:56:50
1	Cd 214.440	12904.3	12653.6	0.995	mg/L	0.995	mg/L	11:56:50
1	Co 228.616	4892.6	5009.8	0.976	mg/L	0.976	mg/L	11:56:50
1	Cr 205.560	5803.1	5836.0	0.991	mg/L	0.991	mg/L	11:56:50
1	Cr 267.716	23153.2	22980.8	1.01	mg/L	1.01	mg/L	11:56:44
1	Cu 327.393	152289.1	164705.3	0.972	mg/L	0.972	mg/L	11:56:44
1	Cu 324.752	323539.4	308855.7	0.963	mg/L	0.963	mg/L	11:56:44
1	Fe 273.955	12973.1	12969.4	4.20	mg/L	4.20	mg/L	11:56:44
1	Fe 259.939	107165.4	107133.0	3.81	mg/L	3.81	mg/L	11:56:44
1	Fe 238.204	61744.1	61592.3	3.96	mg/L	3.96	mg/L	11:56:44
1	K 766.490	443997.5	443367.5	8.91	mg/L	8.91	mg/L	11:56:43
1	K 404.721	-10152.8	3305.3	0.000	mg/L	0.000	mg/L	11:56:44
1	Li 670.784	1267110.4	1267616.9	1.04	mg/L	1.04	mg/L	11:56:42
1	Mg 285.213	419545.7	418758.1	1.83	mg/L	1.83	mg/L	11:56:43
1	Mn 257.610	96162.6	96212.3	1.02	mg/L	1.02	mg/L	11:56:44
1	Mo 202.031	3296.2	3275.3	0.943	mg/L	0.943	mg/L	11:56:50
1	Na 589.592	2163.1	2803.6	1.43	mg/L	1.43	mg/L	11:56:43
1	Na 330.237	782.0	1611.7	0.988	mg/L	0.988	mg/L	11:56:50
1	Ni 231.604	6941.8	6840.1	0.977	mg/L	0.977	mg/L	11:56:50
1	Pb 220.353	1798.1	1776.0	0.965	mg/L	0.965	mg/L	11:56:50
1	Pb 217.000	790.9	786.5	0.963	mg/L	0.963	mg/L	11:56:50
1	Sb 206.836	1420.8	1393.8	0.922	mg/L	0.922	mg/L	11:56:50
1	Se 196.026	693.9	681.0	0.966	mg/L	0.966	mg/L	11:56:50
1	Se 203.985	846.5	901.0	0.916	mg/L	0.916	mg/L	11:56:50
1	Si 251.611	14660.1	14064.6	0.698	mg/L	0.698	mg/L	11:56:44
1	Ti 334.940	149526.6	150557.0	0.958	mg/L	0.958	mg/L	11:56:44
1	Tl 276.787	1392.2	1275.1	0.910	mg/L	0.910	mg/L	11:56:50
1	Tl 190.801	221.0	244.3	0.923	mg/L	0.923	mg/L	11:56:50
1	V 290.880	30880.2	20751.8	0.994	mg/L	0.994	mg/L	11:56:44
1	V 292.402	42651.9	42516.0	0.999	mg/L	0.999	mg/L	11:56:44

1	Zn 206.200	5487.6	5481.6	1.03 mg/L	1.03 mg/L	11:56:50
1	Zn 213.857	33391.4	33103.9	1.05 mg/L	1.05 mg/L	11:56:44
2	Ag 328.068	114829.3	115012.3	0.985 mg/L	0.985 mg/L	11:56:5
2	Ag 338.289	40310.1	40339.1	0.984 mg/L	0.984 mg/L	11:56:5
2	Al 308.215	56308.8	20129.8	1.49 mg/L	1.49 mg/L	11:56:54
2	Al 396.153	2583.6	2448.3	1.69 mg/L	1.69 mg/L	11:56:54
2	As 188.979	535.8	523.7	0.973 mg/L	0.973 mg/L	11:56:59
2	As 193.696	672.1	695.2	0.962 mg/L	0.962 mg/L	11:56:59
2	B 182.528	333.4	327.1	0.929 mg/L	0.929 mg/L	11:56:59
2	B 249.677	20342.2	19509.5	0.929 mg/L	0.929 mg/L	11:56:54
2	Ba 233.527	10598.2	10668.0	1.00 mg/L	1.00 mg/L	11:56:59
2	Be 313.107	1624945.9	1478370.0	1.00 mg/L	1.00 mg/L	11:56:52
2	Be 234.861	277028.7	277331.9	0.976 mg/L	0.976 mg/L	11:56:54
2	Ca 317.933	94164.3	94248.6	5.01 mg/L	5.01 mg/L	11:56:54
2	Cd 228.802	8427.3	8430.0	0.994 mg/L	0.994 mg/L	11:56:59
2	Cd 214.440	13067.3	12816.5	1.01 mg/L	1.01 mg/L	11:56:59
2	Co 228.616	4933.8	5051.0	0.984 mg/L	0.984 mg/L	11:56:59
2	Cr 205.560	5831.5	5864.4	0.996 mg/L	0.996 mg/L	11:56:59
2	Cr 267.716	22932.7	22760.3	0.999 mg/L	0.999 mg/L	11:56:54
2	Cu 327.393	153394.8	165811.0	0.979 mg/L	0.979 mg/L	11:56:54
2	Cu 324.752	324808.3	310124.6	0.967 mg/L	0.967 mg/L	11:56:54
2	Fe 273.955	10623.3	10619.6	3.44 mg/L	3.44 mg/L	11:56:54
2	Fe 259.939	88693.0	88660.6	3.15 mg/L	3.15 mg/L	11:56:54
2	Fe 238.204	51046.2	50894.3	3.27 mg/L	3.27 mg/L	11:56:54
2	K 766.490	439972.2	439342.2	8.84 mg/L	8.84 mg/L	11:56:52
2	K 404.721	-9864.5	3593.6	0.000 mg/L	0.000 mg/L	11:56:54
2	Li 670.784	1270666.0	1271172.5	1.04 mg/L	1.04 mg/L	11:56:51
2	Mg 285.213	382691.0	381903.5	1.67 mg/L	1.67 mg/L	11:56:52
2	Mn 257.610	95873.3	95923.0	1.02 mg/L	1.02 mg/L	11:56:54
2	Mo 202.031	3347.4	3326.6	0.958 mg/L	0.958 mg/L	11:56:59
2	Na 589.592	2576.7	3217.2	1.64 mg/L	1.64 mg/L	11:56:52
2	Na 330.237	869.7	1699.3	1.04 mg/L	1.04 mg/L	11:56:59
2	Ni 231.604	7001.3	6899.5	0.985 mg/L	0.985 mg/L	11:56:59
2	Pb 220.353	1784.2	1762.0	0.957 mg/L	0.957 mg/L	11:56:59
2	Pb 217.000	773.8	769.4	0.943 mg/L	0.943 mg/L	11:56:59
2	Sb 206.836	1462.0	1435.0	0.949 mg/L	0.949 mg/L	11:56:5
2	Se 196.026	697.2	684.3	0.970 mg/L	0.970 mg/L	11:56:5
2	Se 203.985	895.0	949.5	0.965 mg/L	0.965 mg/L	11:56:59
2	Si 251.611	15857.0	15261.5	0.758 mg/L	0.758 mg/L	11:56:54
2	Ti 334.940	149661.1	150691.5	0.959 mg/L	0.959 mg/L	11:56:54
2	Tl 276.787	1405.5	1288.4	0.919 mg/L	0.919 mg/L	11:56:59
2	Tl 190.801	218.4	241.6	0.913 mg/L	0.913 mg/L	11:56:59
2	V 290.880	30865.7	20737.2	0.993 mg/L	0.993 mg/L	11:56:54
2	V 292.402	42680.2	42544.3	1.00 mg/L	1.00 mg/L	11:56:54
2	Zn 206.200	5551.0	5545.0	1.04 mg/L	1.04 mg/L	11:56:59
2	Zn 213.857	33152.8	32865.3	1.04 mg/L	1.04 mg/L	11:56:54
3	Ag 328.068	116333.6	116516.6	0.998 mg/L	0.998 mg/L	11:57:03
3	Ag 338.289	41034.2	41063.1	1.00 mg/L	1.00 mg/L	11:57:03
3	Al 308.215	55988.5	19809.5	1.47 mg/L	1.47 mg/L	11:57:03
3	Al 396.153	2475.1	2339.8	1.62 mg/L	1.62 mg/L	11:57:03
3	As 188.979	535.9	523.7	0.973 mg/L	0.973 mg/L	11:57:09
3	As 193.696	687.6	710.7	0.983 mg/L	0.983 mg/L	11:57:09
3	B 182.528	346.1	339.8	0.965 mg/L	0.965 mg/L	11:57:09
3	B 249.677	20953.7	20121.1	0.959 mg/L	0.959 mg/L	11:57:03
3	Ba 233.527	10529.2	10599.0	0.997 mg/L	0.997 mg/L	11:57:09
3	Be 313.107	1638365.2	1491789.3	1.01 mg/L	1.01 mg/L	11:57:02
3	Be 234.861	282549.8	282853.0	0.995 mg/L	0.995 mg/L	11:57:03
3	Ca 317.933	81053.3	81137.6	4.31 mg/L	4.31 mg/L	11:57:03
3	Cd 228.802	8420.4	8423.0	0.993 mg/L	0.993 mg/L	11:57:09
3	Cd 214.440	12971.7	12721.0	1.00 mg/L	1.00 mg/L	11:57:09
3	Co 228.616	4937.2	5054.4	0.985 mg/L	0.985 mg/L	11:57:09
3	Cr 205.560	5819.7	5852.6	0.994 mg/L	0.994 mg/L	11:57:09
3	Cr 267.716	23509.4	23336.9	1.02 mg/L	1.02 mg/L	11:57:03
3	Cu 327.393	156247.8	168664.0	0.995 mg/L	0.995 mg/L	11:57:03
3	Cu 324.752	330185.3	315501.7	0.983 mg/L	0.983 mg/L	11:57:03
3	Fe 273.955	9392.8	9389.2	3.04 mg/L	3.04 mg/L	11:57:03
3	Fe 259.939	78622.5	78590.1	2.79 mg/L	2.79 mg/L	11:57:03
3	Fe 238.204	45294.2	45142.4	2.90 mg/L	2.90 mg/L	11:57:0
3	K 766.490	456369.1	455739.1	9.15 mg/L	9.15 mg/L	11:57:
3	K 404.721	-9804.5	3653.6	0.000 mg/L	0.000 mg/L	11:57:03
3	Li 670.784	1315758.3	1316264.7	1.07 mg/L	1.07 mg/L	11:57:01
3	Mg 285.213	360058.4	359270.8	1.57 mg/L	1.57 mg/L	11:57:02
3	Mn 257.610	97031.1	97080.7	1.03 mg/L	1.03 mg/L	11:57:03

3	Mo 202.031	3387.4	3366.5	0.969 mg/L	0.969 mg/L	11:57:09
3	Na 589.592	2599.9	3240.5	1.65 mg/L	1.65 mg/L	11:57:02
3	Na 330.237	781.7	1611.3	0.988 mg/L	0.988 mg/L	11:57:09
3	Ni 231.604	7036.3	6934.5	0.990 mg/L	0.990 mg/L	11:57:09
3	Pb 220.353	1800.6	1778.5	0.966 mg/L	0.966 mg/L	11:57:09
3	Pb 217.000	794.2	789.8	0.967 mg/L	0.967 mg/L	11:57:09
3	Sb 206.836	1499.5	1472.5	0.973 mg/L	0.973 mg/L	11:57:09
3	Se 196.026	715.1	702.2	0.996 mg/L	0.996 mg/L	11:57:09
3	Se 203.985	873.1	927.5	0.943 mg/L	0.943 mg/L	11:57:09
3	Si 251.611	16571.8	15976.4	0.794 mg/L	0.794 mg/L	11:57:03
3	Ti 334.940	152545.6	153576.1	0.978 mg/L	0.978 mg/L	11:57:03
3	Tl 276.787	1400.7	1283.6	0.916 mg/L	0.916 mg/L	11:57:09
3	Tl 190.801	242.7	265.9	1.00 mg/L	1.00 mg/L	11:57:09
3	V 290.880	31351.7	21223.3	1.02 mg/L	1.02 mg/L	11:57:03
3	V 292.402	43513.5	43377.6	1.02 mg/L	1.02 mg/L	11:57:03
3	Zn 206.200	5500.9	5494.8	1.03 mg/L	1.03 mg/L	11:57:09
3	Zn 213.857	33593.7	33306.2	1.06 mg/L	1.06 mg/L	11:57:03

Mean Data: icv/ccv

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Ag 328.068	115637.9	0.990 mg/L	0.0067	0.990 mg/L	0.0067	0.67%
QC value within limits for Ag 328.068 Recovery = 99.03%						
Ag 338.289	40641.4	0.992 mg/L	0.0091	0.992 mg/L	0.0091	0.92%
QC value within limits for Ag 338.289 Recovery = 99.16%						
Al 308.215	20904.8	1.56 mg/L	0.132	1.56 mg/L	0.132	8.46%
QC value greater than the upper limit for Al 308.215 Recovery = 155.67%						
Al 396.153	2514.5	1.73 mg/L	0.145	1.73 mg/L	0.145	8.36%
QC value greater than the upper limit for Al 396.153 Recovery = 173.25%						
As 188.979	519.0	0.964 mg/L	0.0150	0.964 mg/L	0.0150	1.55%
QC value within limits for As 188.979 Recovery = 96.45%						
As 193.696	701.0	0.970 mg/L	0.0116	0.970 mg/L	0.0116	1.19%
QC value within limits for As 193.696 Recovery = 97.01%						
B 182.528	331.3	0.940 mg/L	0.0211	0.940 mg/L	0.0211	2.24%
QC value within limits for B 182.528 Recovery = 94.05%						
B 249.677	19608.8	0.934 mg/L	0.0224	0.934 mg/L	0.0224	2.40%
QC value within limits for B 249.677 Recovery = 93.42%						
Ba 233.527	10619.4	0.999 mg/L	0.0040	0.999 mg/L	0.0040	0.40%
QC value within limits for Ba 233.527 Recovery = 99.92%						
Be 313.107	1486038.7	1.01 mg/L	0.005	1.01 mg/L	0.005	0.47%
QC value within limits for Be 313.107 Recovery = 100.77%						
Be 234.861	278448.0	0.980 mg/L	0.0141	0.980 mg/L	0.0141	1.44%
QC value within limits for Be 234.861 Recovery = 97.95%						
Ca 317.933	97938.3	5.21 mg/L	1.003	5.21 mg/L	1.003	19.27%
QC value greater than the upper limit for Ca 317.933 Recovery = 520.53%						
Cd 228.802	8407.4	0.991 mg/L	0.0039	0.991 mg/L	0.0039	0.40%
QC value within limits for Cd 228.802 Recovery = 99.10%						
Cd 214.440	12730.4	1.00 mg/L	0.006	1.00 mg/L	0.006	0.65%
QC value within limits for Cd 214.440 Recovery = 100.14%						
Co 228.616	5038.4	0.982 mg/L	0.0048	0.982 mg/L	0.0048	0.49%
QC value within limits for Co 228.616 Recovery = 98.17%						
Cr 205.560	5851.0	0.994 mg/L	0.0024	0.994 mg/L	0.0024	0.24%
QC value within limits for Cr 205.560 Recovery = 99.38%						
Cr 267.716	23026.0	1.01 mg/L	0.013	1.01 mg/L	0.013	1.26%
QC value within limits for Cr 267.716 Recovery = 101.09%						
Cu 327.393	166393.4	0.982 mg/L	0.0119	0.982 mg/L	0.0119	1.21%
QC value within limits for Cu 327.393 Recovery = 98.22%						
Cu 324.752	311494.0	0.971 mg/L	0.0109	0.971 mg/L	0.0109	1.12%
QC value within limits for Cu 324.752 Recovery = 97.11%						
Fe 273.955	10992.7	3.56 mg/L	0.592	3.56 mg/L	0.592	16.65%
QC value greater than the upper limit for Fe 273.955 Recovery = 355.88%						
Fe 259.939	91461.3	3.25 mg/L	0.519	3.25 mg/L	0.519	15.94%
QC value greater than the upper limit for Fe 259.939 Recovery = 325.32%						
Fe 238.204	52543.0	3.38 mg/L	0.540	3.38 mg/L	0.540	16.01%
QC value greater than the upper limit for Fe 238.204 Recovery = 337.62%						
K 766.490	446149.6	8.97 mg/L	0.166	8.97 mg/L	0.166	1.85%
QC value less than the lower limit for K 766.490 Recovery = 89.68%						
K 404.721	3517.5	0.000 mg/L	0.0000	0.000 mg/L	0.0000	0.00%
QC value less than the lower limit for K 404.721 Recovery = 0.00%						
Li 670.784	1285018.0	1.05 mg/L	0.022	1.05 mg/L	0.022	2.06%
QC value within limits for Li 670.784 Recovery = 104.99%						
Mg 285.213	386644.1	1.69 mg/L	0.134	1.69 mg/L	0.134	7.97%

```
   QC value greater than the upper limit for Mg 285.213  Recovery = 168.79%
Mn 257.610            96405.3        1.02 mg/L        0.006        1.02 mg/L        0.006   0.63%
   QC value within limits for Mn 257.610  Recovery = 102.08%
Mo 202.031             3322.8       0.957 mg/L       0.0132       0.957 mg/L       0.0132   1.3
   QC value within limits for Mo 202.031  Recovery = 95.69%
Na 589.592             3087.1        1.58 mg/L        0.122        1.58 mg/L        0.122   7.76%
   QC value greater than the upper limit for Na 589.592  Recovery = 157.53%
Na 330.237             1640.8        1.01 mg/L        0.033        1.01 mg/L        0.033   3.25%
   QC value within limits for Na 330.237  Recovery = 100.70%
Ni 231.604             6891.4       0.984 mg/L       0.0068       0.984 mg/L       0.0068   0.69%
   QC value within limits for Ni 231.604  Recovery = 98.40%
Pb 220.353             1772.2       0.963 mg/L       0.0047       0.963 mg/L       0.0047   0.49%
   QC value within limits for Pb 220.353  Recovery = 96.27%
Pb 217.000              781.9       0.958 mg/L       0.0132       0.958 mg/L       0.0132   1.38%
   QC value within limits for Pb 217.000  Recovery = 95.76%
Sb 206.836             1433.8       0.948 mg/L       0.0258       0.948 mg/L       0.0258   2.72%
   QC value within limits for Sb 206.836  Recovery = 94.79%
Se 196.026              689.2       0.977 mg/L       0.0163       0.977 mg/L       0.0163   1.66%
   QC value within limits for Se 196.026  Recovery = 97.73%
Se 203.985              926.0       0.942 mg/L       0.0245       0.942 mg/L       0.0245   2.60%
   QC value within limits for Se 203.985  Recovery = 94.17%
Si 251.611           15100.8        0.750 mg/L       0.0488       0.750 mg/L       0.0488   6.51%
   QC value greater than the upper limit for Si 251.611  Recovery = 150.00%
Ti 334.940          151608.2        0.965 mg/L       0.0108       0.965 mg/L       0.0108   1.12%
   QC value within limits for Ti 334.940  Recovery = 96.51%
Tl 276.787             1282.4       0.915 mg/L       0.0047       0.915 mg/L       0.0047   0.51%
   QC value within limits for Tl 276.787  Recovery = 91.47%
Tl 190.801              250.6       0.946 mg/L       0.0483       0.946 mg/L       0.0483   5.10%
   QC value within limits for Tl 190.801  Recovery = 94.58%
V 290.880             20904.1        1.00 mg/L        0.014        1.00 mg/L        0.014   1.36%
   QC value within limits for V 290.880  Recovery = 100.13%
V 292.402             42812.7        1.01 mg/L        0.012        1.01 mg/L        0.012   1.14%
   QC value within limits for V 292.402  Recovery = 100.64%
Zn 206.200             5507.2        1.03 mg/L        0.007        1.03 mg/L        0.007   0.64%
   QC value within limits for Zn 206.200  Recovery = 103.38%
Zn 213.857            33091.8        1.05 mg/L        0.007        1.05 mg/L        0.007   0.7
   QC value within limits for Zn 213.857  Recovery = 104.86%
QC Failed.  Continue with analysis.
```

==========

Sequence No.: 30 | **Autosampler Location: 29**
Sample ID: M02070406-10A | **Date Collected: 7/16/02 11:57:49 AM**
Analyst:
Nebulizer Back Pressure: 342.0 kPa | **Nebulizer Flow: 0.85 L/min**
Sample Wt: | **Sample Prep Volume:**
Dilution: | **Data Type: Original**

Replicate Data: M02070406-10A

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	-4991.7	-4808.7	-0.034	mg/L	-0.034	mg/L	11:59:46
1	Ag 338.289	8293.6	8322.5	0.209	mg/L	0.209	mg/L	11:59:46
1	Al 308.215	2761957.5	2725778.5	220	mg/L	220	mg/L	11:59:40
1	Al 396.153	Saturated2	Saturated2					11:59:46
	Saturated in preshot (code 2)							
1	As 188.979	12.7	0.6	0.003	mg/L	0.003	mg/L	11:59:46
1	As 193.696	-93.0	-69.9	-0.085	mg/L	-0.085	mg/L	11:59:46
1	B 182.528	59.4	53.2	0.145	mg/L	0.145	mg/L	11:59:46
1	B 249.677	2639.4	1806.7	0.086	mg/L	0.086	mg/L	11:59:46
1	Ba 233.527	65454.9	65524.8	6.19	mg/L	6.19	mg/L	11:59:40
1	Be 313.107	141660.2	-4915.7	-0.019	mg/L	-0.019	mg/L	11:59:40
1	Be 234.861	-78225.4	-77922.2	-0.289	mg/L	-0.289	mg/L	11:59:40
1	Ca 317.933	57076961.0	57077045.3	3030	mg/L	3030	mg/L	11:59:32
1	Cd 228.802	5340.1	5342.8	0.630	mg/L	0.630	mg/L	11:59:46
1	Cd 214.440	3293.3	3042.6	0.234	mg/L	0.234	mg/L	11:59:46
1	Co 228.616	2072.0	2189.2	0.431	mg/L	0.431	mg/L	11:59:46
1	Cr 205.560	3349.5	3382.4	0.574	mg/L	0.574	mg/L	11:59:46
1	Cr 267.716	11485.7	11313.2	0.497	mg/L	0.497	mg/L	11:59:
1	Cu 327.393	305941.6	318357.8	1.87	mg/L	1.87	mg/L	11:59:40
1	Cu 324.752	673119.8	658436.1	2.04	mg/L	2.04	mg/L	11:59:40
1	Fe 273.955	134358.5	134354.8	43.7	mg/L	43.7	mg/L	11:59:40
1	Fe 259.939	875134.9	875102.5	31.3	mg/L	31.3	mg/L	11:59:40

1	Fe 238.204	540060.6	539908.8	34.9 mg/L	34.9 mg/L	11:59:40
1	K 766.490	2339663.0	2339033.0	45.8 mg/L	45.8 mg/L	11:59:35
1	K 404.721	-47873.3	-34415.2	0.000 mg/L	0.000 mg/L	11:59:40
1	Li 670.784	1451098.0	1451604.4	1.18 mg/L	1.18 mg/L	11:59:38
1	Mg 285.213	36549099.7	36548312.1	164 mg/L	164 mg/L	11:59:32
1	Mn 257.610	2235287.7	2235337.4	23.7 mg/L	23.7 mg/L	11:59:40
1	Mo 202.031	11.5	-9.4	-0.002 mg/L	-0.002 mg/L	11:59:46
1	Na 589.592	Saturated3	Saturated3			11:59:46
Saturated in preshot (code 3)						
1	Na 330.237	50846.5	51676.2	33.3 mg/L	33.3 mg/L	11:59:40
1	Ni 231.604	11019.1	10917.4	1.56 mg/L	1.56 mg/L	11:59:46
1	Pb 220.353	13029.1	13006.9	6.94 mg/L	6.94 mg/L	11:59:46
1	Pb 217.000	10621.7	10617.3	12.8 mg/L	12.8 mg/L	11:59:46
1	Sb 206.836	25.8	-1.2	0.008 mg/L	0.008 mg/L	11:59:46
1	Se 196.026	-15.2	-28.1	-0.044 mg/L	-0.044 mg/L	11:59:46
1	Se 203.985	2.8	57.3	0.067 mg/L	0.067 mg/L	11:59:46
1	Si 251.611	297560.8	296965.3	15.0 mg/L	15.0 mg/L	11:59:40
1	Ti 334.940	-18166.0	-17135.6	-0.104 mg/L	-0.104 mg/L	11:59:40
1	Tl 276.787	2543.1	2426.0	1.71 mg/L	1.71 mg/L	11:59:46
1	Tl 190.801	-61.0	-37.8	-0.098 mg/L	-0.098 mg/L	11:59:46
1	V 290.880	8580.5	-1547.9	-0.105 mg/L	-0.105 mg/L	11:59:40
1	V 292.402	1370.5	1234.6	0.028 mg/L	0.028 mg/L	11:59:46
1	Zn 206.200	70982.3	70976.3	13.9 mg/L	13.9 mg/L	11:59:40
1	Zn 213.857	517899.0	517611.5	17.1 mg/L	17.1 mg/L	11:59:40
2	Ag 328.068	-5151.8	-4968.8	-0.035 mg/L	-0.035 mg/L	12:00:04
2	Ag 338.289	8442.1	8471.0	0.213 mg/L	0.213 mg/L	12:00:04
2	Al 308.215	2806478.4	2770299.4	224 mg/L	224 mg/L	11:59:58
2	Al 396.153	Saturated2	Saturated2			12:00:04
Saturated in preshot (code 2)						
2	As 188.979	27.3	15.2	0.030 mg/L	0.030 mg/L	12:00:04
2	As 193.696	-119.3	-96.1	-0.121 mg/L	-0.121 mg/L	12:00:04
2	B 182.528	74.5	68.3	0.188 mg/L	0.188 mg/L	12:00:04
2	B 249.677	2620.1	1787.4	0.085 mg/L	0.085 mg/L	12:00:04
2	Ba 233.527	66488.2	66558.0	6.28 mg/L	6.28 mg/L	11:59:58
2	Be 313.107	140833.4	-5742.5	-0.020 mg/L	-0.020 mg/L	11:59:58
2	Be 234.861	-79289.8	-78986.6	-0.293 mg/L	-0.293 mg/L	11:59:58
2	Ca 317.933	57848698.1	57848782.4	3070 mg/L	3070 mg/L	11:59:50
2	Cd 228.802	5422.0	5424.6	0.639 mg/L	0.639 mg/L	12:00:04
2	Cd 214.440	3305.2	3054.4	0.235 mg/L	0.235 mg/L	12:00:04
2	Co 228.616	2068.8	2186.0	0.430 mg/L	0.430 mg/L	12:00:04
2	Cr 205.560	3362.0	3394.9	0.576 mg/L	0.576 mg/L	12:00:04
2	Cr 267.716	11555.2	11382.7	0.500 mg/L	0.500 mg/L	12:00:04
2	Cu 327.393	306121.4	318537.5	1.87 mg/L	1.87 mg/L	11:59:58
2	Cu 324.752	677304.7	662621.0	2.05 mg/L	2.05 mg/L	11:59:58
2	Fe 273.955	136133.9	136130.3	44.3 mg/L	44.3 mg/L	11:59:58
2	Fe 259.939	888388.7	888356.3	31.8 mg/L	31.8 mg/L	11:59:58
2	Fe 238.204	548313.6	548161.8	35.5 mg/L	35.5 mg/L	11:59:58
2	K 766.490	2455228.0	2454597.9	48.0 mg/L	48.0 mg/L	11:59:53
2	K 404.721	-47725.1	-34266.9	0.000 mg/L	0.000 mg/L	11:59:58
2	Li 670.784	1464451.6	1464958.1	1.19 mg/L	1.19 mg/L	11:59:56
2	Mg 285.213	36935094.4	36934306.8	165 mg/L	165 mg/L	11:59:50
2	Mn 257.610	2261243.7	2261293.4	24.0 mg/L	24.0 mg/L	11:59:58
2	Mo 202.031	26.0	5.1	0.003 mg/L	0.003 mg/L	12:00:04
2	Na 589.592	Saturated3	Saturated3			12:00:04
Saturated in preshot (code 3)						
2	Na 330.237	51137.8	51967.5	33.5 mg/L	33.5 mg/L	11:59:58
2	Ni 231.604	11073.7	10972.0	1.56 mg/L	1.56 mg/L	12:00:04
2	Pb 220.353	13124.7	13102.5	6.99 mg/L	6.99 mg/L	12:00:04
2	Pb 217.000	10719.9	10715.5	12.9 mg/L	12.9 mg/L	12:00:04
2	Sb 206.836	9.8	-17.2	-0.003 mg/L	-0.003 mg/L	12:00:04
2	Se 196.026	-6.2	-19.1	-0.032 mg/L	-0.032 mg/L	12:00:04
2	Se 203.985	62.0	116.5	0.126 mg/L	0.126 mg/L	12:00:04
2	Si 251.611	304102.6	303507.1	15.3 mg/L	15.3 mg/L	11:59:58
2	Ti 334.940	-19073.9	-18043.5	-0.110 mg/L	-0.110 mg/L	11:59:58
2	Tl 276.787	2488.8	2371.7	1.67 mg/L	1.67 mg/L	12:00:04
2	Tl 190.801	-59.1	-35.9	-0.091 mg/L	-0.091 mg/L	12:00:04
2	V 290.880	8693.0	-1435.4	-0.099 mg/L	-0.099 mg/L	11:59:58
2	V 292.402	1397.7	1261.8	0.029 mg/L	0.029 mg/L	12:00:04
2	Zn 206.200	71444.0	71437.9	14.0 mg/L	14.0 mg/L	11:59:58
2	Zn 213.857	522747.9	522460.4	17.3 mg/L	17.3 mg/L	11:59:58
3	Ag 328.068	-5285.5	-5102.5	-0.036 mg/L	-0.036 mg/L	12:00:22
3	Ag 338.289	8642.6	8671.5	0.217 mg/L	0.217 mg/L	12:00:22
3	Al 308.215	2863699.3	2827520.3	229 mg/L	229 mg/L	12:00:16

3	Al 396.153	Saturated2	Saturated2			12:00:22
Saturated in preshot (code 2)						
3	As 188.979	28.6	16.5	0.033 mg/L	0.033 mg/L	12:00:[illegible]
3	As 193.696	-105.0	-81.8	-0.101 mg/L	-0.101 mg/L	12:00:22
3	B 182.528	50.3	44.0	0.119 mg/L	0.119 mg/L	12:00:22
3	B 249.677	2546.5	1713.8	0.082 mg/L	0.082 mg/L	12:00:22
3	Ba 233.527	67062.9	67132.7	6.34 mg/L	6.34 mg/L	12:00:16
3	Be 313.107	141939.1	-4636.8	-0.019 mg/L	-0.019 mg/L	12:00:16
3	Be 234.861	-79993.1	-79689.9	-0.295 mg/L	-0.295 mg/L	12:00:16
3	Ca 317.933	57883495.7	57883579.9	3070 mg/L	3070 mg/L	12:00:08
3	Cd 228.802	5548.1	5550.7	0.654 mg/L	0.654 mg/L	12:00:22
3	Cd 214.440	3306.7	3056.0	0.235 mg/L	0.235 mg/L	12:00:22
3	Co 228.616	2075.6	2192.8	0.431 mg/L	0.431 mg/L	12:00:22
3	Cr 205.560	3425.5	3458.4	0.587 mg/L	0.587 mg/L	12:00:22
3	Cr 267.716	11698.9	11526.5	0.506 mg/L	0.506 mg/L	12:00:22
3	Cu 327.393	315799.0	328215.2	1.93 mg/L	1.93 mg/L	12:00:16
3	Cu 324.752	694181.2	679497.6	2.11 mg/L	2.11 mg/L	12:00:16
3	Fe 273.955	137535.9	137532.2	44.8 mg/L	44.8 mg/L	12:00:16
3	Fe 259.939	894421.8	894389.4	32.0 mg/L	32.0 mg/L	12:00:16
3	Fe 238.204	553239.2	553087.3	35.8 mg/L	35.8 mg/L	12:00:16
3	K 766.490	2516435.9	2515805.9	49.2 mg/L	49.2 mg/L	12:00:11
3	K 404.721	-48529.3	-35071.2	0.000 mg/L	0.000 mg/L	12:00:16
3	Li 670.784	1489072.1	1489578.5	1.21 mg/L	1.21 mg/L	12:00:14
3	Mg 285.213	37038043.9	37037256.3	166 mg/L	166 mg/L	12:00:08
3	Mn 257.610	2266914.1	2266963.8	24.0 mg/L	24.0 mg/L	12:00:16
3	Mo 202.031	26.9	6.0	0.003 mg/L	0.003 mg/L	12:00:22
3	Na 589.592	Saturated3	Saturated3			12:00:22
Saturated in preshot (code 3)						
3	Na 330.237	52173.3	53002.9	34.2 mg/L	34.2 mg/L	12:00:16
3	Ni 231.604	11099.3	10997.6	1.57 mg/L	1.57 mg/L	12:00:22
3	Pb 220.353	13212.2	13190.0	7.04 mg/L	7.04 mg/L	12:00:22
3	Pb 217.000	11081.2	11076.8	13.3 mg/L	13.3 mg/L	12:00:22
3	Sb 206.836	74.7	47.7	0.040 mg/L	0.040 mg/L	12:00:22
3	Se 196.026	1.0	-11.9	-0.021 mg/L	-0.021 mg/L	12:00:22
3	Se 203.985	61.9	116.3	0.126 mg/L	0.126 mg/L	12:00:2[illegible]
3	Si 251.611	309146.2	308550.7	15.6 mg/L	15.6 mg/L	12:00:[illegible]
3	Ti 334.940	-19596.0	-18565.6	-0.113 mg/L	-0.113 mg/L	12:00:16
3	Tl 276.787	2418.9	2301.8	1.62 mg/L	1.62 mg/L	12:00:22
3	Tl 190.801	-79.0	-55.8	-0.163 mg/L	-0.163 mg/L	12:00:22
3	V 290.880	9098.5	-1029.9	-0.079 mg/L	-0.079 mg/L	12:00:16
3	V 292.402	1427.5	1291.6	0.030 mg/L	0.030 mg/L	12:00:22
3	Zn 206.200	71465.5	71459.5	14.0 mg/L	14.0 mg/L	12:00:16
3	Zn 213.857	523633.7	523346.1	17.3 mg/L	17.3 mg/L	12:00:16

Mean Data: M02070406-10A

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-4960.0	-0.035	mg/L	0.0013	-0.035	mg/L	0.0013	3.56%
Ag 338.289	8488.3	0.213	mg/L	0.0042	0.213	mg/L	0.0042	1.99%
Al 308.215	2774532.7	224	mg/L	4.1	224	mg/L	4.1	1.84%
Al 396.153	Saturated2							
Saturated in preshot (code 2)								
As 188.979	10.7	0.022	mg/L	0.0163	0.022	mg/L	0.0163	73.63%
As 193.696	-82.6	-0.102	mg/L	0.0180	-0.102	mg/L	0.0180	17.57%
B 182.528	55.1	0.151	mg/L	0.0350	0.151	mg/L	0.0350	23.22%
B 249.677	1769.3	0.084	mg/L	0.0023	0.084	mg/L	0.0023	2.78%
Ba 233.527	66405.2	6.27	mg/L	0.077	6.27	mg/L	0.077	1.23%
Be 313.107	-5098.3	-0.020	mg/L	0.0004	-0.020	mg/L	0.0004	2.03%
Be 234.861	-78866.2	-0.292	mg/L	0.0032	-0.292	mg/L	0.0032	1.08%
Ca 317.933	57603135.9	3050	mg/L	24.2	3050	mg/L	24.2	0.79%
Cd 228.802	5439.4	0.641	mg/L	0.0124	0.641	mg/L	0.0124	1.93%
Cd 214.440	3051.0	0.234	mg/L	0.0006	0.234	mg/L	0.0006	0.25%
Co 228.616	2189.3	0.431	mg/L	0.0007	0.431	mg/L	0.0007	0.15%
Cr 205.560	3411.9	0.579	mg/L	0.0069	0.579	mg/L	0.0069	1.20%
Cr 267.716	11407.5	0.501	mg/L	0.0048	0.501	mg/L	0.0048	0.95%
Cu 327.393	321703.5	1.89	mg/L	0.033	1.89	mg/L	0.033	1.74%
Cu 324.752	666851.6	2.07	mg/L	0.034	2.07	mg/L	0.034	1.6[illegible]
Fe 273.955	136005.8	44.3	mg/L	0.52	44.3	mg/L	0.52	1.1[illegible]
Fe 259.939	885949.4	31.7	mg/L	0.35	31.7	mg/L	0.35	1.11%
Fe 238.204	547052.7	35.4	mg/L	0.43	35.4	mg/L	0.43	1.22%
K 766.490	2436478.9	47.7	mg/L	1.75	47.7	mg/L	1.75	3.66%
K 404.721	-34584.4	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%

Li 670.784	1468713.7	1.20 mg/L	0.015	1.20 mg/L	0.015	1.29%
Mg 285.213	36839958.4	165 mg/L	1.2	165 mg/L	1.2	0.70%
Mn 257.610	2254531.5	23.9 mg/L	0.18	23.9 mg/L	0.18	0.75%
Mo 202.031	0.6	0.001 mg/L	0.0025	0.001 mg/L	0.0025	188.24%
Na 589.592	Saturated3					
Saturated in preshot (code 3)						
Na 330.237	52215.5	33.7 mg/L	0.45	33.7 mg/L	0.45	1.34%
Ni 231.604	10962.3	1.56 mg/L	0.006	1.56 mg/L	0.006	0.37%
Pb 220.353	13099.8	6.99 mg/L	0.049	6.99 mg/L	0.049	0.70%
Pb 217.000	10803.2	13.0 mg/L	0.29	13.0 mg/L	0.29	2.24%
Sb 206.836	9.7	0.015 mg/L	0.0221	0.015 mg/L	0.0221	146.77%
Se 196.026	-19.7	-0.032 mg/L	0.0116	-0.032 mg/L	0.0116	35.55%
Se 203.985	96.7	0.107 mg/L	0.0344	0.107 mg/L	0.0344	32.26%
Si 251.611	303007.7	15.3 mg/L	0.29	15.3 mg/L	0.29	1.92%
Ti 334.940	-17914.9	-0.109 mg/L	0.0046	-0.109 mg/L	0.0046	4.21%
Tl 276.787	2366.5	1.67 mg/L	0.043	1.67 mg/L	0.043	2.59%
Tl 190.801	-43.2	-0.117 mg/L	0.0398	-0.117 mg/L	0.0398	34.01%
V 290.880	-1337.8	-0.094 mg/L	0.0134	-0.094 mg/L	0.0134	14.22%
V 292.402	1262.7	0.029 mg/L	0.0007	0.029 mg/L	0.0007	2.30%
Zn 206.200	71291.2	14.0 mg/L	0.05	14.0 mg/L	0.05	0.38%
Zn 213.857	521139.3	17.2 mg/L	0.10	17.2 mg/L	0.10	0.59%

==========

Sequence No.: 31
Sample ID: M02070406-11A
Analyst:
Nebulizer Back Pressure: 342.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 30
Date Collected: 7/16/02 12:01:02 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070406-11A

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	-17765.8	-17582.8	-0.142	mg/L	-0.142	mg/L	12:02:53
1	Ag 338.289	6953.1	6982.0	0.177	mg/L	0.177	mg/L	12:02:59
1	Al 308.215	4976060.3	4939881.3	400	mg/L	400	mg/L	12:02:52
1	Al 396.153	Saturated2	Saturated2					12:02:59
Saturated in preshot (code 2)								
1	As 188.979	29.0	16.9	0.034	mg/L	0.034	mg/L	12:02:59
1	As 193.696	-141.2	-118.0	-0.151	mg/L	-0.151	mg/L	12:02:59
1	B 182.528	28.5	22.2	0.057	mg/L	0.057	mg/L	12:02:59
1	B 249.677	-6005.4	-6838.1	-0.326	mg/L	-0.326	mg/L	12:02:53
1	Ba 233.527	29910.5	29980.3	2.83	mg/L	2.83	mg/L	12:02:59
1	Be 313.107	142417.8	-4158.1	-0.019	mg/L	-0.019	mg/L	12:02:53
1	Be 234.861	-378261.4	-377958.2	-1.36	mg/L	-1.36	mg/L	12:02:53
1	Ca 317.933	57743591.2	57743675.4	3060	mg/L	3060	mg/L	12:02:46
1	Cd 228.802	12026.4	12029.1	1.42	mg/L	1.42	mg/L	12:02:59
1	Cd 214.440	7719.4	7468.7	0.584	mg/L	0.584	mg/L	12:02:59
1	Co 228.616	572.3	689.5	0.141	mg/L	0.141	mg/L	12:02:59
1	Cr 205.560	4594.7	4627.6	0.786	mg/L	0.786	mg/L	12:02:59
1	Cr 267.716	16194.8	16022.3	0.704	mg/L	0.704	mg/L	12:02:59
1	Cu 327.393	433055.4	445471.6	2.61	mg/L	2.61	mg/L	12:02:53
1	Cu 324.752	939273.6	924590.0	2.86	mg/L	2.86	mg/L	12:02:52
1	Fe 273.955	626118.9	626115.3	204	mg/L	204	mg/L	12:02:53
1	Fe 259.939	3481384.5	3481352.1	125	mg/L	125	mg/L	12:02:52
1	Fe 238.204	2023681.5	2023529.7	131	mg/L	131	mg/L	12:02:52
1	K 766.490	1505226.4	1504596.4	29.6	mg/L	29.6	mg/L	12:02:50
1	K 404.721	-183324.5	-169866.4	0.000	mg/L	0.000	mg/L	12:02:52
1	Li 670.784	1436819.2	1437325.6	1.17	mg/L	1.17	mg/L	12:02:50
1	Mg 285.213	29118290.6	29117503.1	130	mg/L	130	mg/L	12:02:46
1	Mn 257.610	480505.6	480555.3	5.09	mg/L	5.09	mg/L	12:02:53
1	Mo 202.031	-53.3	-74.2	-0.020	mg/L	-0.020	mg/L	12:02:59
1	Na 589.592	Saturated3	Saturated3					12:02:59
Saturated in preshot (code 3)								
1	Na 330.237	46141.1	46970.7	30.3	mg/L	30.3	mg/L	12:02:53
1	Ni 231.604	3579.5	3477.8	0.498	mg/L	0.498	mg/L	12:02:59
1	Pb 220.353	8602.8	8580.6	4.58	mg/L	4.58	mg/L	12:02:59
1	Pb 217.000	6768.0	6763.6	8.15	mg/L	8.15	mg/L	12:02:59
1	Sb 206.836	35.8	8.8	0.014	mg/L	0.014	mg/L	12:02:59
1	Se 196.026	-94.0	-106.9	-0.157	mg/L	-0.157	mg/L	12:02:59
1	Se 203.985	76.3	130.7	0.141	mg/L	0.141	mg/L	12:02:59
1	Si 251.611	443382.1	442786.7	22.4	mg/L	22.4	mg/L	12:02:53

1	Ti 334.940	-4577.2	-3546.8	-0.018 mg/L	-0.018 mg/L	12:02:52
1	Tl 276.787	-6407.9	-6525.0	-4.51 mg/L	-4.51 mg/L	12:02:53
1	Tl 190.801	-85.5	-62.3	-0.186 mg/L	-0.186 mg/L	12:02:5[illegible]
1	V 290.880	9759.9	-368.5	-0.047 mg/L	-0.047 mg/L	12:02:5[illegible]
1	V 292.402	9044.4	8908.5	0.209 mg/L	0.209 mg/L	12:02:59
1	Zn 206.200	66319.9	66313.9	13.0 mg/L	13.0 mg/L	12:02:53
1	Zn 213.857	481330.7	481043.2	15.9 mg/L	15.9 mg/L	12:02:53
2	Ag 328.068	-17741.2	-17558.3	-0.142 mg/L	-0.142 mg/L	12:03:10
2	Ag 338.289	7057.9	7086.9	0.179 mg/L	0.179 mg/L	12:03:16
2	Al 308.215	5138254.9	5102075.9	413 mg/L	413 mg/L	12:03:09
2	Al 396.153	Saturated2	Saturated2			12:03:16
Saturated in preshot (code 2)						
2	As 188.979	34.3	22.2	0.043 mg/L	0.043 mg/L	12:03:16
2	As 193.696	-144.1	-121.0	-0.155 mg/L	-0.155 mg/L	12:03:16
2	B 182.528	26.6	20.4	0.051 mg/L	0.051 mg/L	12:03:16
2	B 249.677	-5796.6	-6629.3	-0.316 mg/L	-0.316 mg/L	12:03:10
2	Ba 233.527	30057.6	30127.4	2.84 mg/L	2.84 mg/L	12:03:16
2	Be 313.107	142465.5	-4110.4	-0.019 mg/L	-0.019 mg/L	12:03:10
2	Be 234.861	-385279.3	-384976.0	-1.38 mg/L	-1.38 mg/L	12:03:10
2	Ca 317.933	57918146.3	57918230.6	3070 mg/L	3070 mg/L	12:03:03
2	Cd 228.802	12282.2	12284.9	1.45 mg/L	1.45 mg/L	12:03:16
2	Cd 214.440	7682.6	7431.9	0.582 mg/L	0.582 mg/L	12:03:16
2	Co 228.616	601.2	718.4	0.146 mg/L	0.146 mg/L	12:03:16
2	Cr 205.560	4601.6	4634.5	0.787 mg/L	0.787 mg/L	12:03:16
2	Cr 267.716	16295.6	16123.2	0.708 mg/L	0.708 mg/L	12:03:16
2	Cu 327.393	436877.1	449293.3	2.63 mg/L	2.63 mg/L	12:03:10
2	Cu 324.752	971015.1	956331.4	2.96 mg/L	2.96 mg/L	12:03:09
2	Fe 273.955	634775.7	634772.1	207 mg/L	207 mg/L	12:03:10
2	Fe 259.939	3493232.0	3493199.6	125 mg/L	125 mg/L	12:03:09
2	Fe 238.204	2025363.8	2025212.0	131 mg/L	131 mg/L	12:03:09
2	K 766.490	1594461.0	1593831.0	31.3 mg/L	31.3 mg/L	12:03:07
2	K 404.721	-189846.9	-176388.8	0.000 mg/L	0.000 mg/L	12:03:09
2	Li 670.784	1492827.2	1493333.7	1.22 mg/L	1.22 mg/L	12:03:07
2	Mg 285.213	29129855.3	29129067.7	130 mg/L	130 mg/L	12:03:03
2	Mn 257.610	489354.7	489404.4	5.19 mg/L	5.19 mg/L	12:03:10
2	Mo 202.031	-26.7	-47.6	-0.013 mg/L	-0.013 mg/L	12:03:[illegible]
2	Na 589.592	Saturated3	Saturated3			12:03:[illegible]
Saturated in preshot (code 3)						
2	Na 330.237	47312.9	48142.5	31.0 mg/L	31.0 mg/L	12:03:10
2	Ni 231.604	3607.4	3505.7	0.502 mg/L	0.502 mg/L	12:03:16
2	Pb 220.353	8655.6	8633.5	4.61 mg/L	4.61 mg/L	12:03:16
2	Pb 217.000	6987.7	6983.3	8.41 mg/L	8.41 mg/L	12:03:16
2	Sb 206.836	26.8	-0.2	0.009 mg/L	0.009 mg/L	12:03:16
2	Se 196.026	-77.2	-90.1	-0.133 mg/L	-0.133 mg/L	12:03:16
2	Se 203.985	55.1	109.5	0.119 mg/L	0.119 mg/L	12:03:16
2	Si 251.611	453100.1	452504.6	22.9 mg/L	22.9 mg/L	12:03:10
2	Ti 334.940	-8672.3	-7641.9	-0.044 mg/L	-0.044 mg/L	12:03:09
2	Tl 276.787	-6604.8	-6721.9	-4.65 mg/L	-4.65 mg/L	12:03:10
2	Tl 190.801	-78.4	-55.1	-0.160 mg/L	-0.160 mg/L	12:03:16
2	V 290.880	10125.7	-2.7	-0.029 mg/L	-0.029 mg/L	12:03:10
2	V 292.402	9223.0	9087.2	0.213 mg/L	0.213 mg/L	12:03:16
2	Zn 206.200	67603.3	67597.3	13.2 mg/L	13.2 mg/L	12:03:10
2	Zn 213.857	490164.4	489876.8	16.2 mg/L	16.2 mg/L	12:03:10
3	Ag 328.068	-18312.2	-18129.3	-0.147 mg/L	-0.147 mg/L	12:03:27
3	Ag 338.289	7167.5	7196.5	0.182 mg/L	0.182 mg/L	12:03:33
3	Al 308.215	5166624.2	5130445.2	415 mg/L	415 mg/L	12:03:26
3	Al 396.153	Saturated2	Saturated2			12:03:33
Saturated in preshot (code 2)						
3	As 188.979	8.6	-3.5	-0.004 mg/L	-0.004 mg/L	12:03:33
3	As 193.696	-122.3	-99.1	-0.125 mg/L	-0.125 mg/L	12:03:33
3	B 182.528	42.4	36.2	0.097 mg/L	0.097 mg/L	12:03:33
3	B 249.677	-6343.5	-7176.2	-0.342 mg/L	-0.342 mg/L	12:03:27
3	Ba 233.527	30121.5	30191.3	2.85 mg/L	2.85 mg/L	12:03:33
3	Be 313.107	144353.4	-2222.5	-0.018 mg/L	-0.018 mg/L	12:03:27
3	Be 234.861	-377040.9	-376737.7	-1.35 mg/L	-1.35 mg/L	12:03:27
3	Ca 317.933	57187325.1	57187409.4	3030 mg/L	3030 mg/L	12:03:20
3	Cd 228.802	12424.0	12426.7	1.46 mg/L	1.46 mg/L	12:03:33
3	Cd 214.440	7626.2	7375.5	0.577 mg/L	0.577 mg/L	12:03:3[illegible]
3	Co 228.616	594.1	711.3	0.145 mg/L	0.145 mg/L	12:03:[illegible]
3	Cr 205.560	4630.0	4662.9	0.792 mg/L	0.792 mg/L	12:03:33
3	Cr 267.716	16265.3	16092.8	0.707 mg/L	0.707 mg/L	12:03:33
3	Cu 327.393	453637.4	466053.6	2.73 mg/L	2.73 mg/L	12:03:27
3	Cu 324.752	980128.4	965444.8	2.99 mg/L	2.99 mg/L	12:03:26

3	Fe 273.955	626563.0	626559.3	204 mg/L	204 mg/L	12:03:27
3	Fe 259.939	3488591.8	3488559.4	125 mg/L	125 mg/L	12:03:26
3	Fe 238.204	2026083.4	2025931.6	131 mg/L	131 mg/L	12:03:26
3	K 766.490	1599006.7	1598376.7	31.4 mg/L	31.4 mg/L	12:03:24
3	K 404.721	-189083.4	-175625.3	0.000 mg/L	0.000 mg/L	12:03:26
3	Li 670.784	1514886.8	1515393.2	1.23 mg/L	1.23 mg/L	12:03:24
3	Mg 285.213	29201707.6	29200920.1	131 mg/L	131 mg/L	12:03:20
3	Mn 257.610	480439.9	480489.6	5.09 mg/L	5.09 mg/L	12:03:27
3	Mo 202.031	-30.6	-51.4	-0.014 mg/L	-0.014 mg/L	12:03:33
3	Na 589.592	Saturated3	Saturated3			12:03:33
Saturated in preshot (code 3)						
3	Na 330.237	47868.6	48698.2	31.4 mg/L	31.4 mg/L	12:03:27
3	Ni 231.604	3543.1	3441.4	0.493 mg/L	0.493 mg/L	12:03:33
3	Pb 220.353	8685.4	8663.2	4.63 mg/L	4.63 mg/L	12:03:33
3	Pb 217.000	7038.5	7034.2	8.47 mg/L	8.47 mg/L	12:03:33
3	Sb 206.836	68.2	41.2	0.036 mg/L	0.036 mg/L	12:03:33
3	Se 196.026	-80.2	-93.1	-0.137 mg/L	-0.137 mg/L	12:03:33
3	Se 203.985	36.1	90.5	0.100 mg/L	0.100 mg/L	12:03:33
3	Si 251.611	466867.1	466271.6	23.5 mg/L	23.5 mg/L	12:03:27
3	Ti 334.940	-8210.4	-7179.9	-0.041 mg/L	-0.041 mg/L	12:03:26
3	Tl 276.787	-6446.7	-6563.8	-4.54 mg/L	-4.54 mg/L	12:03:27
3	Tl 190.801	-90.6	-67.4	-0.205 mg/L	-0.205 mg/L	12:03:33
3	V 290.880	10247.5	119.0	-0.023 mg/L	-0.023 mg/L	12:03:27
3	V 292.402	9316.5	9180.7	0.215 mg/L	0.215 mg/L	12:03:33
3	Zn 206.200	65944.2	65938.2	12.9 mg/L	12.9 mg/L	12:03:27
3	Zn 213.857	484470.5	484183.0	16.0 mg/L	16.0 mg/L	12:03:27

Mean Data: M02070406-11A

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-17756.8	-0.144	mg/L	0.0027	-0.144	mg/L	0.0027	1.91%
Ag 338.289	7088.5	0.179	mg/L	0.0026	0.179	mg/L	0.0026	1.45%
Al 308.215	5057467.5	409	mg/L	8.3	409	mg/L	8.3	2.03%
Al 396.153	Saturated2							
Saturated in preshot (code 2)								
As 188.979	11.9	0.024	mg/L	0.0251	0.024	mg/L	0.0251	103.70%
As 193.696	-112.7	-0.143	mg/L	0.0162	-0.143	mg/L	0.0162	11.31%
B 182.528	26.2	0.068	mg/L	0.0247	0.068	mg/L	0.0247	36.19%
B 249.677	-6881.2	-0.328	mg/L	0.0131	-0.328	mg/L	0.0131	4.01%
Ba 233.527	30099.7	2.84	mg/L	0.010	2.84	mg/L	0.010	0.36%
Be 313.107	-3497.0	-0.018	mg/L	0.0008	-0.018	mg/L	0.0008	4.13%
Be 234.861	-379890.7	-1.36	mg/L	0.016	-1.36	mg/L	0.016	1.16%
Ca 317.933	57616438.5	3050	mg/L	20.2	3050	mg/L	20.2	0.66%
Cd 228.802	12246.9	1.44	mg/L	0.024	1.44	mg/L	0.024	1.65%
Cd 214.440	7425.4	0.581	mg/L	0.0037	0.581	mg/L	0.0037	0.64%
Co 228.616	706.4	0.144	mg/L	0.0029	0.144	mg/L	0.0029	2.03%
Cr 205.560	4641.7	0.788	mg/L	0.0032	0.788	mg/L	0.0032	0.40%
Cr 267.716	16079.4	0.706	mg/L	0.0023	0.706	mg/L	0.0023	0.32%
Cu 327.393	453606.2	2.66	mg/L	0.064	2.66	mg/L	0.064	2.40%
Cu 324.752	948788.7	2.94	mg/L	0.066	2.94	mg/L	0.066	2.25%
Fe 273.955	629148.9	205	mg/L	1.6	205	mg/L	1.6	0.77%
Fe 259.939	3487703.7	125	mg/L	0.2	125	mg/L	0.2	0.17%
Fe 238.204	2024891.1	131	mg/L	0.1	131	mg/L	0.1	0.06%
K 766.490	1565601.4	30.7	mg/L	1.03	30.7	mg/L	1.03	3.35%
K 404.721	-173960.2	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	1482017.5	1.21	mg/L	0.032	1.21	mg/L	0.032	2.66%
Mg 285.213	29149163.6	130	mg/L	0.2	130	mg/L	0.2	0.16%
Mn 257.610	483483.1	5.12	mg/L	0.054	5.12	mg/L	0.054	1.06%
Mo 202.031	-57.7	-0.015	mg/L	0.0041	-0.015	mg/L	0.0041	26.75%
Na 589.592	Saturated3							
Saturated in preshot (code 3)								
Na 330.237	47937.2	30.9	mg/L	0.57	30.9	mg/L	0.57	1.84%
Ni 231.604	3475.0	0.498	mg/L	0.0046	0.498	mg/L	0.0046	0.92%
Pb 220.353	8625.8	4.61	mg/L	0.022	4.61	mg/L	0.022	0.48%
Pb 217.000	6927.0	8.34	mg/L	0.173	8.34	mg/L	0.173	2.07%
Sb 206.836	16.6	0.020	mg/L	0.0143	0.020	mg/L	0.0143	72.84%
Se 196.026	-96.7	-0.142	mg/L	0.0128	-0.142	mg/L	0.0128	8.99%
Se 203.985	110.3	0.120	mg/L	0.0202	0.120	mg/L	0.0202	16.84%
Si 251.611	453854.3	22.9	mg/L	0.60	22.9	mg/L	0.60	2.60%
Ti 334.940	-6122.9	-0.034	mg/L	0.0142	-0.034	mg/L	0.0142	41.72%
Tl 276.787	-6603.6	-4.57	mg/L	0.073	-4.57	mg/L	0.073	1.59%
Tl 190.801	-61.6	-0.184	mg/L	0.0223	-0.184	mg/L	0.0223	12.12%

V 290.880	-84.1	-0.033 mg/L	0.0125	-0.033 mg/L	0.0125	38.29%
V 292.402	9058.8	0.212 mg/L	0.0033	0.212 mg/L	0.0033	1.53%
Zn 206.200	66616.4	13.0 mg/L	0.17	13.0 mg/L	0.17	1.31%
Zn 213.857	485034.3	16.0 mg/L	0.15	16.0 mg/L	0.15	0.93

Sequence No.: 32
Sample ID: M02070406-11A dup
Analyst:
Nebulizer Back Pressure: 343.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 31
Date Collected: 7/16/02 12:04:13 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070406-11A dup

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	-18280.3	-18097.3	-0.147	mg/L	-0.147	mg/L	12:06:06
1	Ag 338.289	7004.3	7033.2	0.178	mg/L	0.178	mg/L	12:06:13
1	Al 308.215	5080772.1	5044593.1	408	mg/L	408	mg/L	12:06:05
1	Al 396.153	Saturated2	Saturated2					12:06:13
Saturated in preshot (code 2)								
1	As 188.979	37.1	25.0	0.049	mg/L	0.049	mg/L	12:06:13
1	As 193.696	-136.7	-113.5	-0.144	mg/L	-0.144	mg/L	12:06:13
1	B 182.528	66.8	60.6	0.166	mg/L	0.166	mg/L	12:06:13
1	B 249.677	-5996.5	-6829.2	-0.325	mg/L	-0.325	mg/L	12:06:06
1	Ba 233.527	29951.1	30020.9	2.83	mg/L	2.83	mg/L	12:06:13
1	Be 313.107	144050.8	-2525.2	-0.018	mg/L	-0.018	mg/L	12:06:06
1	Be 234.861	-382584.0	-382280.8	-1.37	mg/L	-1.37	mg/L	12:06:06
1	Ca 317.933	57470518.3	57470602.6	3050	mg/L	3050	mg/L	12:05:57
1	Cd 228.802	12152.1	12154.8	1.43	mg/L	1.43	mg/L	12:06:13
1	Cd 214.440	7645.8	7395.1	0.579	mg/L	0.579	mg/L	12:06:13
1	Co 228.616	588.2	705.4	0.144	mg/L	0.144	mg/L	12:06:13
1	Cr 205.560	4607.5	4640.5	0.788	mg/L	0.788	mg/L	12:06:13
1	Cr 267.716	16107.7	15935.3	0.700	mg/L	0.700	mg/L	12:06:13
1	Cu 327.393	443010.9	455427.1	2.67	mg/L	2.67	mg/L	12:06:06
1	Cu 324.752	946880.6	932196.9	2.89	mg/L	2.89	mg/L	12:06:0
1	Fe 273.955	629681.7	629678.0	205	mg/L	205	mg/L	12:06:06
1	Fe 259.939	3453713.8	3453681.4	124	mg/L	124	mg/L	12:06:05
1	Fe 238.204	1995385.8	1995234.0	129	mg/L	129	mg/L	12:06:05
1	K 766.490	1521746.9	1521116.9	29.9	mg/L	29.9	mg/L	12:06:03
1	K 404.721	-190221.8	-176763.7	0.000	mg/L	0.000	mg/L	12:06:05
1	Li 670.784	1416382.6	1416889.1	1.16	mg/L	1.16	mg/L	12:06:00
1	Mg 285.213	28878940.9	28878153.3	129	mg/L	129	mg/L	12:05:57
1	Mn 257.610	482413.7	482463.4	5.11	mg/L	5.11	mg/L	12:06:06
1	Mo 202.031	-13.9	-34.8	-0.009	mg/L	-0.009	mg/L	12:06:13
1	Na 589.592	Saturated2	Saturated2					12:06:13
Saturated in preshot (code 2)								
1	Na 330.237	44974.1	45803.8	29.5	mg/L	29.5	mg/L	12:06:06
1	Ni 231.604	3558.5	3456.8	0.495	mg/L	0.495	mg/L	12:06:13
1	Pb 220.353	8575.1	8552.9	4.57	mg/L	4.57	mg/L	12:06:13
1	Pb 217.000	6920.3	6915.9	8.33	mg/L	8.33	mg/L	12:06:13
1	Sb 206.836	13.6	-13.4	0.000	mg/L	0.000	mg/L	12:06:13
1	Se 196.026	-76.3	-89.1	-0.131	mg/L	-0.131	mg/L	12:06:13
1	Se 203.985	91.5	145.9	0.156	mg/L	0.156	mg/L	12:06:13
1	Si 251.611	409106.9	408511.5	20.6	mg/L	20.6	mg/L	12:06:06
1	Ti 334.940	-14868.8	-13838.3	-0.083	mg/L	-0.083	mg/L	12:06:05
1	Tl 276.787	-6795.0	-6912.1	-4.78	mg/L	-4.78	mg/L	12:06:06
1	Tl 190.801	-79.3	-56.1	-0.164	mg/L	-0.164	mg/L	12:06:13
1	V 290.880	10050.0	-78.4	-0.032	mg/L	-0.032	mg/L	12:06:06
1	V 292.402	9048.1	8912.2	0.209	mg/L	0.209	mg/L	12:06:13
1	Zn 206.200	65581.4	65575.4	12.8	mg/L	12.8	mg/L	12:06:06
1	Zn 213.857	486521.6	486234.0	16.1	mg/L	16.1	mg/L	12:06:06
2	Ag 328.068	-18255.0	-18072.1	-0.147	mg/L	-0.147	mg/L	12:06:25
2	Ag 338.289	7201.8	7230.8	0.183	mg/L	0.183	mg/L	12:06:32
2	Al 308.215	5177125.8	5140946.8	416	mg/L	416	mg/L	12:06:24
2	Al 396.153	Saturated2	Saturated2					12:06:32
Saturated in preshot (code 2)								
2	As 188.979	28.8	16.7	0.033	mg/L	0.033	mg/L	12:06:3
2	As 193.696	-131.5	-108.3	-0.137	mg/L	-0.137	mg/L	12:06:3
2	B 182.528	58.1	51.9	0.141	mg/L	0.141	mg/L	12:06:32
2	B 249.677	-6099.7	-6932.4	-0.330	mg/L	-0.330	mg/L	12:06:25
2	Ba 233.527	30293.9	30363.7	2.86	mg/L	2.86	mg/L	12:06:32

2	Be 313.107	143508.3	-3067.6	-0.018 mg/L	-0.018 mg/L	12:06:25
2	Be 234.861	-384053.8	-383750.6	-1.38 mg/L	-1.38 mg/L	12:06:25
2	Ca 317.933	57763987.1	57764071.4	3060 mg/L	3060 mg/L	12:06:16
2	Cd 228.802	12388.2	12390.9	1.46 mg/L	1.46 mg/L	12:06:32
2	Cd 214.440	7700.6	7449.8	0.583 mg/L	0.583 mg/L	12:06:32
2	Co 228.616	567.3	684.5	0.140 mg/L	0.140 mg/L	12:06:32
2	Cr 205.560	4693.5	4726.4	0.803 mg/L	0.803 mg/L	12:06:32
2	Cr 267.716	16273.5	16101.1	0.707 mg/L	0.707 mg/L	12:06:32
2	Cu 327.393	449398.2	461814.4	2.71 mg/L	2.71 mg/L	12:06:25
2	Cu 324.752	973191.6	958508.0	2.97 mg/L	2.97 mg/L	12:06:24
2	Fe 273.955	633208.3	633204.7	206 mg/L	206 mg/L	12:06:25
2	Fe 259.939	3489522.3	3489489.9	125 mg/L	125 mg/L	12:06:24
2	Fe 238.204	2018381.5	2018229.7	131 mg/L	131 mg/L	12:06:24
2	K 766.490	1532286.1	1531656.0	30.1 mg/L	30.1 mg/L	12:06:22
2	K 404.721	-191488.7	-178030.6	0.000 mg/L	0.000 mg/L	12:06:24
2	Li 670.784	1505119.9	1505626.4	1.23 mg/L	1.23 mg/L	12:06:19
2	Mg 285.213	29284318.8	29283531.2	131 mg/L	131 mg/L	12:06:16
2	Mn 257.610	486405.3	486455.0	5.16 mg/L	5.16 mg/L	12:06:25
2	Mo 202.031	-45.3	-66.2	-0.018 mg/L	-0.018 mg/L	12:06:32
2	Na 589.592	Saturated2	Saturated2			12:06:32
Saturated in preshot (code 2)						
2	Na 330.237	45133.4	45963.0	29.6 mg/L	29.6 mg/L	12:06:25
2	Ni 231.604	3564.7	3463.0	0.496 mg/L	0.496 mg/L	12:06:32
2	Pb 220.353	8671.8	8649.7	4.62 mg/L	4.62 mg/L	12:06:32
2	Pb 217.000	7012.6	7008.2	8.44 mg/L	8.44 mg/L	12:06:32
2	Sb 206.836	31.0	4.0	0.011 mg/L	0.011 mg/L	12:06:32
2	Se 196.026	-96.2	-109.1	-0.160 mg/L	-0.160 mg/L	12:06:32
2	Se 203.985	84.2	138.6	0.149 mg/L	0.149 mg/L	12:06:32
2	Si 251.611	416616.8	416021.3	21.0 mg/L	21.0 mg/L	12:06:25
2	Ti 334.940	-13835.6	-12805.1	-0.076 mg/L	-0.076 mg/L	12:06:24
2	Tl 276.787	-6692.6	-6809.7	-4.71 mg/L	-4.71 mg/L	12:06:25
2	Tl 190.801	-101.8	-78.6	-0.245 mg/L	-0.245 mg/L	12:06:32
2	V 290.880	10076.1	-52.3	-0.031 mg/L	-0.031 mg/L	12:06:25
2	V 292.402	9203.4	9067.5	0.213 mg/L	0.213 mg/L	12:06:32
2	Zn 206.200	66548.5	66542.4	13.0 mg/L	13.0 mg/L	12:06:25
2	Zn 213.857	488692.1	488404.6	16.1 mg/L	16.1 mg/L	12:06:25
3	Ag 328.068	-18681.0	-18498.1	-0.150 mg/L	-0.150 mg/L	12:06:44
3	Ag 338.289	7238.8	7267.7	0.183 mg/L	0.183 mg/L	12:06:51
3	Al 308.215	5335431.5	5299252.5	429 mg/L	429 mg/L	12:06:43
3	Al 396.153	Saturated2	Saturated2			12:06:51
Saturated in preshot (code 2)						
3	As 188.979	15.3	3.2	0.008 mg/L	0.008 mg/L	12:06:51
3	As 193.696	-140.1	-117.0	-0.149 mg/L	-0.149 mg/L	12:06:51
3	B 182.528	48.7	42.4	0.114 mg/L	0.114 mg/L	12:06:51
3	B 249.677	-6703.9	-7536.6	-0.359 mg/L	-0.359 mg/L	12:06:44
3	Ba 233.527	30280.2	30350.1	2.86 mg/L	2.86 mg/L	12:06:51
3	Be 313.107	145451.9	-1124.0	-0.017 mg/L	-0.017 mg/L	12:06:44
3	Be 234.861	-378332.3	-378029.1	-1.36 mg/L	-1.36 mg/L	12:06:44
3	Ca 317.933	57399653.0	57399737.3	3040 mg/L	3040 mg/L	12:06:35
3	Cd 228.802	12534.5	12537.2	1.48 mg/L	1.48 mg/L	12:06:51
3	Cd 214.440	7699.8	7449.0	0.583 mg/L	0.583 mg/L	12:06:51
3	Co 228.616	571.7	688.9	0.140 mg/L	0.140 mg/L	12:06:51
3	Cr 205.560	4615.4	4648.3	0.789 mg/L	0.789 mg/L	12:06:51
3	Cr 267.716	16244.6	16072.1	0.706 mg/L	0.706 mg/L	12:06:51
3	Cu 327.393	466253.9	478670.0	2.80 mg/L	2.80 mg/L	12:06:44
3	Cu 324.752	1005361.9	990678.3	3.07 mg/L	3.07 mg/L	12:06:43
3	Fe 273.955	628065.2	628061.5	205 mg/L	205 mg/L	12:06:44
3	Fe 259.939	3489625.1	3489592.7	125 mg/L	125 mg/L	12:06:43
3	Fe 238.204	2028352.3	2028200.5	131 mg/L	131 mg/L	12:06:43
3	K 766.490	1646540.6	1645910.6	32.3 mg/L	32.3 mg/L	12:06:41
3	K 404.721	-194171.3	-180713.2	0.000 mg/L	0.000 mg/L	12:06:43
3	Li 670.784	1530411.8	1530918.3	1.25 mg/L	1.25 mg/L	12:06:38
3	Mg 285.213	29253302.9	29252515.3	131 mg/L	131 mg/L	12:06:35
3	Mn 257.610	481326.3	481376.0	5.10 mg/L	5.10 mg/L	12:06:44
3	Mo 202.031	-64.7	-85.6	-0.023 mg/L	-0.023 mg/L	12:06:51
3	Na 589.592	Saturated2	Saturated2			12:06:51
Saturated in preshot (code 2)						
3	Na 330.237	46102.5	46932.2	30.2 mg/L	30.2 mg/L	12:06:44
3	Ni 231.604	3577.7	3476.0	0.498 mg/L	0.498 mg/L	12:06:51
3	Pb 220.353	8708.5	8686.4	4.64 mg/L	4.64 mg/L	12:06:51
3	Pb 217.000	7155.3	7151.0	8.61 mg/L	8.61 mg/L	12:06:51
3	Sb 206.836	4.5	-22.4	-0.006 mg/L	-0.006 mg/L	12:06:51
3	Se 196.026	-127.1	-139.9	-0.204 mg/L	-0.204 mg/L	12:06:51

3	Se 203.985	71.2	125.6	0.136 mg/L	0.136 mg/L	12:06:51
3	Si 251.611	434871.8	434276.3	21.9 mg/L	21.9 mg/L	12:06:44
3	Ti 334.940	-15444.5	-14414.0	-0.087 mg/L	-0.087 mg/L	12:06:4
3	Tl 276.787	-6856.4	-6973.6	-4.82 mg/L	-4.82 mg/L	12:06:4
3	Tl 190.801	-72.4	-49.2	-0.139 mg/L	-0.139 mg/L	12:06:51
3	V 290.880	10443.4	315.0	-0.013 mg/L	-0.013 mg/L	12:06:44
3	V 292.402	9243.7	9107.8	0.214 mg/L	0.214 mg/L	12:06:51
3	Zn 206.200	65252.9	65246.9	12.8 mg/L	12.8 mg/L	12:06:44
3	Zn 213.857	485748.6	485461.1	16.0 mg/L	16.0 mg/L	12:06:44

Mean Data: M02070406-11A dup

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-18222.5	-0.148	mg/L	0.0020	-0.148	mg/L	0.0020	1.37%
Ag 338.289	7177.3	0.181	mg/L	0.0031	0.181	mg/L	0.0031	1.68%
Al 308.215	5161597.5	418	mg/L	10.4	418	mg/L	10.4	2.49%
Al 396.153	Saturated2							
Saturated in preshot (code 2)								
As 188.979	15.0	0.030	mg/L	0.0204	0.030	mg/L	0.0204	68.01%
As 193.696	-112.9	-0.144	mg/L	0.0060	-0.144	mg/L	0.0060	4.16%
B 182.528	51.6	0.141	mg/L	0.0259	0.141	mg/L	0.0259	18.42%
B 249.677	-7099.4	-0.338	mg/L	0.0182	-0.338	mg/L	0.0182	5.38%
Ba 233.527	30244.9	2.85	mg/L	0.018	2.85	mg/L	0.018	0.64%
Be 313.107	-2238.9	-0.018	mg/L	0.0007	-0.018	mg/L	0.0007	3.94%
Be 234.861	-381353.5	-1.37	mg/L	0.011	-1.37	mg/L	0.011	0.77%
Ca 317.933	57544803.8	3050	mg/L	10.2	3050	mg/L	10.2	0.34%
Cd 228.802	12360.9	1.46	mg/L	0.023	1.46	mg/L	0.023	1.56%
Cd 214.440	7431.3	0.582	mg/L	0.0025	0.582	mg/L	0.0025	0.43%
Co 228.616	693.0	0.141	mg/L	0.0021	0.141	mg/L	0.0021	1.51%
Cr 205.560	4671.7	0.793	mg/L	0.0081	0.793	mg/L	0.0081	1.02%
Cr 267.716	16036.2	0.704	mg/L	0.0039	0.704	mg/L	0.0039	0.55%
Cu 327.393	465303.9	2.73	mg/L	0.070	2.73	mg/L	0.070	2.57%
Cu 324.752	960461.1	2.97	mg/L	0.090	2.97	mg/L	0.090	3.04%
Fe 273.955	630314.7	205	mg/L	0.9	205	mg/L	0.9	0.42%
Fe 259.939	3477588.0	125	mg/L	0.7	125	mg/L	0.7	0.60
Fe 238.204	2013888.1	130	mg/L	1.1	130	mg/L	1.1	0.84
K 766.490	1566227.9	30.8	mg/L	1.35	30.8	mg/L	1.35	4.38%
K 404.721	-178502.5	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	1484477.9	1.21	mg/L	0.048	1.21	mg/L	0.048	3.96%
Mg 285.213	29138066.6	130	mg/L	1.0	130	mg/L	1.0	0.77%
Mn 257.610	483431.5	5.12	mg/L	0.028	5.12	mg/L	0.028	0.55%
Mo 202.031	-62.2	-0.017	mg/L	0.0074	-0.017	mg/L	0.0074	44.09%
Na 589.592	Saturated2							
Saturated in preshot (code 2)								
Na 330.237	46233.0	29.8	mg/L	0.39	29.8	mg/L	0.39	1.32%
Ni 231.604	3465.3	0.496	mg/L	0.0014	0.496	mg/L	0.0014	0.28%
Pb 220.353	8629.7	4.61	mg/L	0.037	4.61	mg/L	0.037	0.80%
Pb 217.000	7025.0	8.46	mg/L	0.142	8.46	mg/L	0.142	1.68%
Sb 206.836	-10.6	0.002	mg/L	0.0088	0.002	mg/L	0.0088	499.17%
Se 196.026	-112.7	-0.165	mg/L	0.0365	-0.165	mg/L	0.0365	22.10%
Se 203.985	136.7	0.147	mg/L	0.0103	0.147	mg/L	0.0103	7.04%
Si 251.611	419603.0	21.2	mg/L	0.67	21.2	mg/L	0.67	3.16%
Ti 334.940	-13685.8	-0.082	mg/L	0.0052	-0.082	mg/L	0.0052	6.30%
Tl 276.787	-6898.5	-4.77	mg/L	0.058	-4.77	mg/L	0.058	1.21%
Tl 190.801	-61.3	-0.183	mg/L	0.0556	-0.183	mg/L	0.0556	30.42%
V 290.880	61.4	-0.025	mg/L	0.0108	-0.025	mg/L	0.0108	42.53%
V 292.402	9029.2	0.212	mg/L	0.0024	0.212	mg/L	0.0024	1.15%
Zn 206.200	65788.2	12.9	mg/L	0.13	12.9	mg/L	0.13	1.03%
Zn 213.857	486699.9	16.1	mg/L	0.05	16.1	mg/L	0.05	0.31%

Sequence No.: 33
Sample ID: M02070406-11A ms
Analyst:
Nebulizer Back Pressure: 343.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 32
Date Collected: 7/16/02 12:07:31 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070406-11A ms

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time

1	Ag 328.068	168737.6	168920.6	1.44 mg/L	1.44 mg/L	12:09:16
1	Ag 338.289	67587.2	67616.2	1.64 mg/L	1.64 mg/L	12:09:16
1	Al 308.215	2634846.4	2598667.4	210 mg/L	210 mg/L	12:09:16
1	Al 396.153	Saturated2	Saturated2			12:09:22
Saturated in preshot (code 2)						
1	As 188.979	490.5	478.3	0.889 mg/L	0.889 mg/L	12:09:22
1	As 193.696	568.2	591.3	0.820 mg/L	0.820 mg/L	12:09:22
1	B 182.528	362.7	356.5	1.01 mg/L	1.01 mg/L	12:09:22
1	B 249.677	19940.1	19107.4	0.910 mg/L	0.910 mg/L	12:09:16
1	Ba 233.527	25940.7	26010.6	2.45 mg/L	2.45 mg/L	12:09:22
1	Be 313.107	1012551.9	865975.9	0.581 mg/L	0.581 mg/L	12:09:16
1	Be 234.861	44009.5	44312.7	0.146 mg/L	0.146 mg/L	12:09:16
1	Ca 317.933	49569690.8	49569775.0	2630 mg/L	2630 mg/L	12:09:10
1	Cd 228.802	17280.3	17283.0	2.04 mg/L	2.04 mg/L	12:09:22
1	Cd 214.440	14384.1	14133.4	1.11 mg/L	1.11 mg/L	12:09:22
1	Co 228.616	5422.7	5539.9	1.08 mg/L	1.08 mg/L	12:09:22
1	Cr 205.560	7602.5	7635.4	1.30 mg/L	1.30 mg/L	12:09:22
1	Cr 267.716	27328.8	27156.3	1.19 mg/L	1.19 mg/L	12:09:16
1	Cu 327.393	441831.0	454247.2	2.66 mg/L	2.66 mg/L	12:09:16
1	Cu 324.752	932253.0	917569.3	2.84 mg/L	2.84 mg/L	12:09:16
1	Fe 273.955	408698.7	408695.1	133 mg/L	133 mg/L	12:09:16
1	Fe 259.939	2376555.3	2376522.9	85.1 mg/L	85.1 mg/L	12:09:16
1	Fe 238.204	1394149.4	1393997.6	90.2 mg/L	90.2 mg/L	12:09:16
1	K 766.490	2108203.8	2107573.8	41.3 mg/L	41.3 mg/L	12:09:13
1	K 404.721	-89746.1	-76288.0	0.000 mg/L	0.000 mg/L	12:09:16
1	Li 670.784	Saturated2	Saturated2			12:09:22
Saturated in preshot (code 2)						
1	Mg 285.213	23408588.6	23407801.1	105 mg/L	105 mg/L	12:09:10
1	Mn 257.610	355977.2	356026.9	3.77 mg/L	3.77 mg/L	12:09:16
1	Mo 202.031	2754.6	2733.7	0.787 mg/L	0.787 mg/L	12:09:22
1	Na 589.592	Saturated2	Saturated2			12:09:22
Saturated in preshot (code 2)						
1	Na 330.237	25185.4	26015.1	16.7 mg/L	16.7 mg/L	12:09:16
1	Ni 231.604	8734.7	8632.9	1.23 mg/L	1.23 mg/L	12:09:22
1	Pb 220.353	7373.1	7350.9	3.93 mg/L	3.93 mg/L	12:09:22
1	Pb 217.000	4246.9	4242.6	5.12 mg/L	5.12 mg/L	12:09:22
1	Sb 206.836	1410.3	1383.3	0.915 mg/L	0.915 mg/L	12:09:22
1	Se 196.026	442.0	429.2	0.607 mg/L	0.607 mg/L	12:09:22
1	Se 203.985	605.7	660.1	0.674 mg/L	0.674 mg/L	12:09:22
1	Si 251.611	209157.3	208561.8	10.5 mg/L	10.5 mg/L	12:09:16
1	Ti 334.940	133420.2	134450.6	0.856 mg/L	0.856 mg/L	12:09:16
1	Tl 276.787	-385.3	-502.4	-0.326 mg/L	-0.326 mg/L	12:09:16
1	Tl 190.801	261.0	284.2	1.07 mg/L	1.07 mg/L	12:09:22
1	V 290.880	27875.3	17746.9	0.846 mg/L	0.846 mg/L	12:09:16
1	V 292.402	39396.5	39260.6	0.923 mg/L	0.923 mg/L	12:09:16
1	Zn 206.200	43502.5	43496.4	8.50 mg/L	8.50 mg/L	12:09:16
1	Zn 213.857	318339.8	318052.3	10.5 mg/L	10.5 mg/L	12:09:16
2	Ag 328.068	162301.5	162484.5	1.39 mg/L	1.39 mg/L	12:09:31
2	Ag 338.289	65188.8	65217.7	1.59 mg/L	1.59 mg/L	12:09:31
2	Al 308.215	2633350.9	2597171.9	210 mg/L	210 mg/L	12:09:31
2	Al 396.153	Saturated2	Saturated2			12:09:37
Saturated in preshot (code 2)						
2	As 188.979	484.5	472.3	0.878 mg/L	0.878 mg/L	12:09:37
2	As 193.696	591.4	614.5	0.852 mg/L	0.852 mg/L	12:09:37
2	B 182.528	387.0	380.8	1.08 mg/L	1.08 mg/L	12:09:37
2	B 249.677	20585.0	19752.3	0.941 mg/L	0.941 mg/L	12:09:31
2	Ba 233.527	26467.8	26537.6	2.50 mg/L	2.50 mg/L	12:09:37
2	Be 313.107	1039745.4	893169.5	0.599 mg/L	0.599 mg/L	12:09:31
2	Be 234.861	44647.1	44950.3	0.148 mg/L	0.148 mg/L	12:09:31
2	Ca 317.933	49911255.3	49911339.6	2650 mg/L	2650 mg/L	12:09:26
2	Cd 228.802	17721.2	17723.9	2.09 mg/L	2.09 mg/L	12:09:37
2	Cd 214.440	14623.4	14372.7	1.13 mg/L	1.13 mg/L	12:09:37
2	Co 228.616	5502.8	5620.0	1.09 mg/L	1.09 mg/L	12:09:37
2	Cr 205.560	7748.2	7781.1	1.32 mg/L	1.32 mg/L	12:09:37
2	Cr 267.716	28270.6	28098.1	1.23 mg/L	1.23 mg/L	12:09:31
2	Cu 327.393	439812.3	452228.5	2.65 mg/L	2.65 mg/L	12:09:31
2	Cu 324.752	928204.3	913520.7	2.83 mg/L	2.83 mg/L	12:09:31
2	Fe 273.955	416067.3	416063.6	135 mg/L	135 mg/L	12:09:31
2	Fe 259.939	2426832.2	2426799.8	86.9 mg/L	86.9 mg/L	12:09:31
2	Fe 238.204	1430036.4	1429884.6	92.5 mg/L	92.5 mg/L	12:09:31
2	K 766.490	2176291.1	2175661.1	42.6 mg/L	42.6 mg/L	12:09:29
2	K 404.721	-89995.6	-76537.4	0.000 mg/L	0.000 mg/L	12:09:31
2	Li 670.784	Saturated2	Saturated2			12:09:37

Saturated in preshot (code 2)							
2	Mg 285.213	23583305.8	23582518.2	106	mg/L	106 mg/L	12:09:26
2	Mn 257.610	364245.6	364295.3	3.86	mg/L	3.86 mg/L	12:09:3
2	Mo 202.031	2779.9	2759.0	0.795	mg/L	0.795 mg/L	12:09:3
2	Na 589.592	Saturated2	Saturated2				12:09:37
Saturated in preshot (code 2)							
2	Na 330.237	25739.9	26569.5	17.1	mg/L	17.1 mg/L	12:09:31
2	Ni 231.604	8868.8	8767.1	1.25	mg/L	1.25 mg/L	12:09:37
2	Pb 220.353	7520.2	7498.0	4.01	mg/L	4.01 mg/L	12:09:37
2	Pb 217.000	4413.4	4409.0	5.32	mg/L	5.32 mg/L	12:09:37
2	Sb 206.836	1447.5	1420.5	0.939	mg/L	0.939 mg/L	12:09:37
2	Se 196.026	436.7	423.9	0.599	mg/L	0.599 mg/L	12:09:37
2	Se 203.985	649.5	704.0	0.718	mg/L	0.718 mg/L	12:09:37
2	Si 251.611	213157.1	212561.6	10.7	mg/L	10.7 mg/L	12:09:31
2	Ti 334.940	134069.2	135099.6	0.861	mg/L	0.861 mg/L	12:09:31
2	Tl 276.787	-298.1	-415.2	-0.265	mg/L	-0.265 mg/L	12:09:31
2	Tl 190.801	233.0	256.2	0.966	mg/L	0.966 mg/L	12:09:37
2	V 290.880	28208.2	18079.7	0.862	mg/L	0.862 mg/L	12:09:31
2	V 292.402	40288.7	40152.8	0.944	mg/L	0.944 mg/L	12:09:31
2	Zn 206.200	45002.8	44996.8	8.80	mg/L	8.80 mg/L	12:09:31
2	Zn 213.857	325695.4	325407.9	10.7	mg/L	10.7 mg/L	12:09:31
3	Ag 328.068	166272.5	166455.5	1.42	mg/L	1.42 mg/L	12:09:46
3	Ag 338.289	66616.2	66645.1	1.62	mg/L	1.62 mg/L	12:09:46
3	Al 308.215	2668151.6	2631972.6	213	mg/L	213 mg/L	12:09:46
3	Al 396.153	Saturated2	Saturated2				12:09:53
Saturated in preshot (code 2)							
3	As 188.979	501.8	489.7	0.910	mg/L	0.910 mg/L	12:09:53
3	As 193.696	545.9	569.1	0.790	mg/L	0.790 mg/L	12:09:53
3	B 182.528	394.9	388.7	1.10	mg/L	1.10 mg/L	12:09:53
3	B 249.677	20849.5	20016.8	0.954	mg/L	0.954 mg/L	12:09:46
3	Ba 233.527	26502.6	26572.5	2.51	mg/L	2.51 mg/L	12:09:53
3	Be 313.107	1040226.8	893650.9	0.600	mg/L	0.600 mg/L	12:09:46
3	Be 234.861	45952.5	46255.7	0.153	mg/L	0.153 mg/L	12:09:46
3	Ca 317.933	49756673.7	49756758.0	2640	mg/L	2640 mg/L	12:09:41
3	Cd 228.802	17967.6	17970.2	2.12	mg/L	2.12 mg/L	12:09:53
3	Cd 214.440	14535.5	14284.8	1.12	mg/L	1.12 mg/L	12:09:5
3	Co 228.616	5516.8	5633.9	1.10	mg/L	1.10 mg/L	12:09:5
3	Cr 205.560	7758.8	7791.7	1.32	mg/L	1.32 mg/L	12:09:53
3	Cr 267.716	28204.2	28031.8	1.23	mg/L	1.23 mg/L	12:09:46
3	Cu 327.393	444283.1	456699.3	2.68	mg/L	2.68 mg/L	12:09:46
3	Cu 324.752	939428.9	924745.2	2.86	mg/L	2.86 mg/L	12:09:46
3	Fe 273.955	417220.0	417216.3	136	mg/L	136 mg/L	12:09:46
3	Fe 259.939	2428849.4	2428817.0	87.0	mg/L	87.0 mg/L	12:09:46
3	Fe 238.204	1429772.4	1429620.6	92.5	mg/L	92.5 mg/L	12:09:46
3	K 766.490	2208013.3	2207383.2	43.2	mg/L	43.2 mg/L	12:09:44
3	K 404.721	-88555.8	-75097.7	0.000	mg/L	0.000 mg/L	12:09:46
3	Li 670.784	Saturated2	Saturated2				12:09:53
Saturated in preshot (code 2)							
3	Mg 285.213	23550778.6	23549991.0	105	mg/L	105 mg/L	12:09:41
3	Mn 257.610	365654.1	365703.8	3.88	mg/L	3.88 mg/L	12:09:46
3	Mo 202.031	2780.5	2759.6	0.795	mg/L	0.795 mg/L	12:09:53
3	Na 589.592	Saturated2	Saturated2				12:09:53
Saturated in preshot (code 2)							
3	Na 330.237	25921.3	26750.9	17.2	mg/L	17.2 mg/L	12:09:46
3	Ni 231.604	8895.2	8793.5	1.25	mg/L	1.25 mg/L	12:09:53
3	Pb 220.353	7577.9	7555.8	4.04	mg/L	4.04 mg/L	12:09:53
3	Pb 217.000	4492.0	4487.6	5.41	mg/L	5.41 mg/L	12:09:53
3	Sb 206.836	1498.4	1471.4	0.973	mg/L	0.973 mg/L	12:09:53
3	Se 196.026	446.9	434.0	0.614	mg/L	0.614 mg/L	12:09:53
3	Se 203.985	630.3	684.7	0.699	mg/L	0.699 mg/L	12:09:53
3	Si 251.611	217630.7	217035.2	11.0	mg/L	11.0 mg/L	12:09:46
3	Ti 334.940	135012.7	136043.2	0.867	mg/L	0.867 mg/L	12:09:46
3	Tl 276.787	-135.8	-253.0	-0.153	mg/L	-0.153 mg/L	12:09:46
3	Tl 190.801	273.1	296.3	1.11	mg/L	1.11 mg/L	12:09:53
3	V 290.880	28534.1	18405.7	0.878	mg/L	0.878 mg/L	12:09:46
3	V 292.402	40367.7	40231.8	0.946	mg/L	0.946 mg/L	12:09:46
3	Zn 206.200	45068.5	45062.4	8.81	mg/L	8.81 mg/L	12:09:46
3	Zn 213.857	325858.1	325570.5	10.7	mg/L	10.7 mg/L	12:09:4

Mean Data: M02070406-11A ms

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD

Ag 328.068	165953.5	1.42 mg/L	0.028	1.42 mg/L	0.028	1.95%
Ag 338.289	66493.0	1.62 mg/L	0.029	1.62 mg/L	0.029	1.81%
Al 308.215	2609270.6	211 mg/L	1.6	211 mg/L	1.6	0.75%
Al 396.153	Saturated2					
Saturated in preshot (code 2)						
As 188.979	480.1	0.892 mg/L	0.0164	0.892 mg/L	0.0164	1.83%
As 193.696	591.6	0.820 mg/L	0.0311	0.820 mg/L	0.0311	3.79%
B 182.528	375.3	1.07 mg/L	0.048	1.07 mg/L	0.048	4.50%
B 249.677	19625.5	0.935 mg/L	0.0223	0.935 mg/L	0.0223	2.38%
Ba 233.527	26373.6	2.49 mg/L	0.030	2.49 mg/L	0.030	1.20%
Be 313.107	884265.5	0.593 mg/L	0.0109	0.593 mg/L	0.0109	1.84%
Be 234.861	45172.9	0.149 mg/L	0.0035	0.149 mg/L	0.0035	2.36%
Ca 317.933	49745957.5	2640 mg/L	9.1	2640 mg/L	9.1	0.34%
Cd 228.802	17659.0	2.08 mg/L	0.041	2.08 mg/L	0.041	1.97%
Cd 214.440	14263.6	1.12 mg/L	0.010	1.12 mg/L	0.010	0.85%
Co 228.616	5598.0	1.09 mg/L	0.010	1.09 mg/L	0.010	0.90%
Cr 205.560	7736.1	1.31 mg/L	0.015	1.31 mg/L	0.015	1.13%
Cr 267.716	27762.1	1.22 mg/L	0.023	1.22 mg/L	0.023	1.89%
Cu 327.393	454391.7	2.66 mg/L	0.013	2.66 mg/L	0.013	0.49%
Cu 324.752	918611.7	2.84 mg/L	0.018	2.84 mg/L	0.018	0.62%
Fe 273.955	413991.7	135 mg/L	1.5	135 mg/L	1.5	1.12%
Fe 259.939	2410713.2	86.3 mg/L	1.06	86.3 mg/L	1.06	1.23%
Fe 238.204	1417834.3	91.8 mg/L	1.34	91.8 mg/L	1.34	1.46%
K 766.490	2163539.4	42.4 mg/L	0.99	42.4 mg/L	0.99	2.34%
K 404.721	-75974.4	0.000 mg/L	0.0000	0.000 mg/L	0.0000	0.00%
Li 670.784	Saturated2					
Saturated in preshot (code 2)						
Mg 285.213	23513436.8	105 mg/L	0.4	105 mg/L	0.4	0.40%
Mn 257.610	362008.7	3.84 mg/L	0.055	3.84 mg/L	0.055	1.44%
Mo 202.031	2750.8	0.792 mg/L	0.0043	0.792 mg/L	0.0043	0.54%
Na 589.592	Saturated2					
Saturated in preshot (code 2)						
Na 330.237	26445.2	17.0 mg/L	0.25	17.0 mg/L	0.25	1.45%
Ni 231.604	8731.2	1.25 mg/L	0.012	1.25 mg/L	0.012	0.98%
Pb 220.353	7468.2	3.99 mg/L	0.056	3.99 mg/L	0.056	1.41%
Pb 217.000	4379.7	5.28 mg/L	0.150	5.28 mg/L	0.150	2.85%
Sb 206.836	1425.1	0.942 mg/L	0.0290	0.942 mg/L	0.0290	3.07%
Se 196.026	429.0	0.607 mg/L	0.0072	0.607 mg/L	0.0072	1.19%
Se 203.985	682.9	0.697 mg/L	0.0221	0.697 mg/L	0.0221	3.18%
Si 251.611	212719.5	10.7 mg/L	0.21	10.7 mg/L	0.21	2.00%
Ti 334.940	135197.8	0.861 mg/L	0.0051	0.861 mg/L	0.0051	0.59%
Tl 276.787	-390.2	-0.248 mg/L	0.0880	-0.248 mg/L	0.0880	35.48%
Tl 190.801	278.9	1.05 mg/L	0.074	1.05 mg/L	0.074	7.10%
V 290.880	18077.4	0.862 mg/L	0.0162	0.862 mg/L	0.0162	1.88%
V 292.402	39881.7	0.937 mg/L	0.0127	0.937 mg/L	0.0127	1.35%
Zn 206.200	44518.6	8.70 mg/L	0.174	8.70 mg/L	0.174	2.00%
Zn 213.857	323010.2	10.6 mg/L	0.14	10.6 mg/L	0.14	1.34%

==========

Sequence No.: 34
Sample ID: M02070406-11A msd
Analyst:
Nebulizer Back Pressure: 344.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 33
Date Collected: 7/16/02 12:10:29 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070406-11A msd

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	Ag 328.068	158387.4	158570.3	1.36	mg/L	1.36	mg/L	12:12:14
1	Ag 338.289	63763.1	63792.0	1.55	mg/L	1.55	mg/L	12:12:14
1	Al 308.215	2702287.3	2666108.3	216	mg/L	216	mg/L	12:12:14
1	Al 396.153	Saturated2	Saturated2					12:12:21
Saturated in preshot (code 2)								
1	As 188.979	464.8	452.7	0.842	mg/L	0.842	mg/L	12:12:21
1	As 193.696	522.4	545.5	0.757	mg/L	0.757	mg/L	12:12:21
1	B 182.528	376.7	370.5	1.05	mg/L	1.05	mg/L	12:12:21
1	B 249.677	20320.9	19488.2	0.928	mg/L	0.928	mg/L	12:12:14
1	Ba 233.527	26277.0	26346.9	2.48	mg/L	2.48	mg/L	12:12:21
1	Be 313.107	997446.0	850870.0	0.570	mg/L	0.570	mg/L	12:12:14
1	Be 234.861	40327.3	40630.5	0.133	mg/L	0.133	mg/L	12:12:14
1	Ca 317.933	49818194.8	49818279.0	2640	mg/L	2640	mg/L	12:12:09

1	Cd 228.802	17506.2	17508.8	2.06 mg/L	2.06 mg/L	12:12:21
1	Cd 214.440	14192.9	13942.2	1.10 mg/L	1.10 mg/L	12:12:21
1	Co 228.616	5316.2	5433.4	1.06 mg/L	1.06 mg/L	12:12:7[illegible]
1	Cr 205.560	7567.6	7600.5	1.29 mg/L	1.29 mg/L	12:12:2[illegible]
1	Cr 267.716	27164.5	26992.0	1.18 mg/L	1.18 mg/L	12:12:14
1	Cu 327.393	433609.2	446025.4	2.61 mg/L	2.61 mg/L	12:12:14
1	Cu 324.752	924029.8	909346.2	2.82 mg/L	2.82 mg/L	12:12:14
1	Fe 273.955	408470.2	408466.6	133 mg/L	133 mg/L	12:12:14
1	Fe 259.939	2379814.6	2379782.2	85.2 mg/L	85.2 mg/L	12:12:14
1	Fe 238.204	1398716.6	1398564.8	90.5 mg/L	90.5 mg/L	12:12:14
1	K 766.490	2106196.0	2105566.0	41.2 mg/L	41.2 mg/L	12:12:12
1	K 404.721	-89211.6	-75753.5	0.000 mg/L	0.000 mg/L	12:12:14
1	Li 670.784	Saturated2	Saturated2			12:12:21
Saturated in preshot (code 2)						
1	Mg 285.213	23716875.0	23716087.4	106 mg/L	106 mg/L	12:12:09
1	Mn 257.610	356922.8	356972.5	3.78 mg/L	3.78 mg/L	12:12:14
1	Mo 202.031	2689.8	2669.0	0.769 mg/L	0.769 mg/L	12:12:21
1	Na 589.592	Saturated2	Saturated2			12:12:21
Saturated in preshot (code 2)						
1	Na 330.237	22644.6	23474.2	15.1 mg/L	15.1 mg/L	12:12:14
1	Ni 231.604	8631.7	8530.0	1.22 mg/L	1.22 mg/L	12:12:21
1	Pb 220.353	7420.8	7398.6	3.96 mg/L	3.96 mg/L	12:12:21
1	Pb 217.000	4430.5	4426.1	5.34 mg/L	5.34 mg/L	12:12:21
1	Sb 206.836	1432.8	1405.8	0.930 mg/L	0.930 mg/L	12:12:21
1	Se 196.026	463.7	450.9	0.638 mg/L	0.638 mg/L	12:12:21
1	Se 203.985	650.4	704.8	0.719 mg/L	0.719 mg/L	12:12:21
1	Si 251.611	205098.0	204502.5	10.3 mg/L	10.3 mg/L	12:12:14
1	Ti 334.940	130365.2	131395.7	0.837 mg/L	0.837 mg/L	12:12:14
1	Tl 276.787	-239.7	-356.9	-0.225 mg/L	-0.225 mg/L	12:12:14
1	Tl 190.801	236.3	259.6	0.978 mg/L	0.978 mg/L	12:12:21
1	V 290.880	27959.5	17831.1	0.850 mg/L	0.850 mg/L	12:12:14
1	V 292.402	38876.2	38740.3	0.911 mg/L	0.911 mg/L	12:12:14
1	Zn 206.200	43543.8	43537.8	8.51 mg/L	8.51 mg/L	12:12:14
1	Zn 213.857	320672.3	320384.8	10.6 mg/L	10.6 mg/L	12:12:14
2	Ag 328.068	176026.9	176209.9	1.51 mg/L	1.51 mg/L	12:12:30
2	Ag 338.289	70313.1	70342.0	1.71 mg/L	1.71 mg/L	12:12:[illegible]
2	Al 308.215	2706531.5	2670352.5	216 mg/L	216 mg/L	12:12:3[illegible]
2	Al 396.153	Saturated2	Saturated2			12:12:36
Saturated in preshot (code 2)						
2	As 188.979	495.4	483.3	0.898 mg/L	0.898 mg/L	12:12:36
2	As 193.696	563.8	586.9	0.814 mg/L	0.814 mg/L	12:12:36
2	B 182.528	373.9	367.6	1.04 mg/L	1.04 mg/L	12:12:36
2	B 249.677	20457.3	19624.6	0.935 mg/L	0.935 mg/L	12:12:30
2	Ba 233.527	26320.9	26390.8	2.49 mg/L	2.49 mg/L	12:12:36
2	Be 313.107	994873.4	848297.5	0.568 mg/L	0.568 mg/L	12:12:30
2	Be 234.861	41006.8	41310.0	0.135 mg/L	0.135 mg/L	12:12:30
2	Ca 317.933	50100728.7	50100812.9	2660 mg/L	2660 mg/L	12:12:24
2	Cd 228.802	17634.6	17637.3	2.08 mg/L	2.08 mg/L	12:12:36
2	Cd 214.440	14281.2	14030.5	1.10 mg/L	1.10 mg/L	12:12:36
2	Co 228.616	5374.8	5492.0	1.07 mg/L	1.07 mg/L	12:12:36
2	Cr 205.560	7620.3	7653.2	1.30 mg/L	1.30 mg/L	12:12:36
2	Cr 267.716	26876.3	26703.8	1.17 mg/L	1.17 mg/L	12:12:30
2	Cu 327.393	438392.5	450808.7	2.64 mg/L	2.64 mg/L	12:12:30
2	Cu 324.752	931255.8	916572.1	2.84 mg/L	2.84 mg/L	12:12:30
2	Fe 273.955	409276.9	409273.3	133 mg/L	133 mg/L	12:12:30
2	Fe 259.939	2377192.4	2377160.0	85.1 mg/L	85.1 mg/L	12:12:30
2	Fe 238.204	1398668.1	1398516.3	90.5 mg/L	90.5 mg/L	12:12:30
2	K 766.490	2157923.7	2157293.7	42.3 mg/L	42.3 mg/L	12:12:27
2	K 404.721	-90219.7	-76761.6	0.000 mg/L	0.000 mg/L	12:12:30
2	Li 670.784	Saturated2	Saturated2			12:12:36
Saturated in preshot (code 2)						
2	Mg 285.213	23764116.3	23763328.7	106 mg/L	106 mg/L	12:12:24
2	Mn 257.610	356328.0	356377.7	3.78 mg/L	3.78 mg/L	12:12:30
2	Mo 202.031	2752.3	2731.4	0.787 mg/L	0.787 mg/L	12:12:36
2	Na 589.592	Saturated2	Saturated2			12:12:36
Saturated in preshot (code 2)						
2	Na 330.237	22859.7	23689.3	15.2 mg/L	15.2 mg/L	12:12:30
2	Ni 231.604	8666.4	8564.7	1.22 mg/L	1.22 mg/L	12:12:3[illegible]
2	Pb 220.353	7475.2	7453.0	3.98 mg/L	3.98 mg/L	12:12:[illegible]
2	Pb 217.000	4461.1	4456.7	5.37 mg/L	5.37 mg/L	12:12:36
2	Sb 206.836	1460.5	1433.5	0.948 mg/L	0.948 mg/L	12:12:36
2	Se 196.026	446.1	433.2	0.613 mg/L	0.613 mg/L	12:12:36
2	Se 203.985	645.3	699.7	0.714 mg/L	0.714 mg/L	12:12:36

2	Si 251.611	207317.8	206722.3	10.4 mg/L	10.4 mg/L	12:12:30
2	Ti 334.940	130723.4	131753.9	0.839 mg/L	0.839 mg/L	12:12:30
2	Tl 276.787	-345.9	-463.0	-0.299 mg/L	-0.299 mg/L	12:12:30
2	Tl 190.801	254.8	278.0	1.04 mg/L	1.04 mg/L	12:12:36
2	V 290.880	27868.0	17739.5	0.845 mg/L	0.845 mg/L	12:12:30
2	V 292.402	38711.6	38575.7	0.907 mg/L	0.907 mg/L	12:12:30
2	Zn 206.200	43531.0	43524.9	8.51 mg/L	8.51 mg/L	12:12:30
2	Zn 213.857	320863.8	320576.3	10.6 mg/L	10.6 mg/L	12:12:30
3	Ag 328.068	157927.8	158110.8	1.35 mg/L	1.35 mg/L	12:12:45
3	Ag 338.289	63888.7	63917.7	1.56 mg/L	1.56 mg/L	12:12:45
3	Al 308.215	2760221.3	2724042.3	220 mg/L	220 mg/L	12:12:45
3	Al 396.153	Saturated2	Saturated2			12:12:51
Saturated in preshot (code 2)						
3	As 188.979	486.3	474.1	0.881 mg/L	0.881 mg/L	12:12:51
3	As 193.696	556.1	579.2	0.803 mg/L	0.803 mg/L	12:12:51
3	B 182.528	393.5	387.2	1.10 mg/L	1.10 mg/L	12:12:51
3	B 249.677	20924.9	20092.2	0.957 mg/L	0.957 mg/L	12:12:45
3	Ba 233.527	26504.2	26574.0	2.51 mg/L	2.51 mg/L	12:12:51
3	Be 313.107	1019270.8	872694.9	0.585 mg/L	0.585 mg/L	12:12:45
3	Be 234.861	43209.8	43513.1	0.143 mg/L	0.143 mg/L	12:12:45
3	Ca 317.933	50091658.7	50091743.0	2660 mg/L	2660 mg/L	12:12:39
3	Cd 228.802	17873.5	17876.2	2.11 mg/L	2.11 mg/L	12:12:51
3	Cd 214.440	14302.1	14051.4	1.11 mg/L	1.11 mg/L	12:12:51
3	Co 228.616	5426.8	5544.0	1.08 mg/L	1.08 mg/L	12:12:51
3	Cr 205.560	7650.2	7683.1	1.31 mg/L	1.31 mg/L	12:12:51
3	Cr 267.716	27782.0	27609.6	1.21 mg/L	1.21 mg/L	12:12:45
3	Cu 327.393	444260.3	456676.5	2.68 mg/L	2.68 mg/L	12:12:45
3	Cu 324.752	944586.5	929902.9	2.88 mg/L	2.88 mg/L	12:12:45
3	Fe 273.955	418248.5	418244.8	136 mg/L	136 mg/L	12:12:45
3	Fe 259.939	2430597.5	2430565.1	87.1 mg/L	87.1 mg/L	12:12:45
3	Fe 238.204	1431655.7	1431503.9	92.6 mg/L	92.6 mg/L	12:12:45
3	K 766.490	2230138.2	2229508.2	43.7 mg/L	43.7 mg/L	12:12:42
3	K 404.721	-90556.3	-77098.2	0.000 mg/L	0.000 mg/L	12:12:45
3	Li 670.784	Saturated2	Saturated2			12:12:51
Saturated in preshot (code 2)						
3	Mg 285.213	23874178.8	23873391.2	107 mg/L	107 mg/L	12:12:39
3	Mn 257.610	365866.8	365916.5	3.88 mg/L	3.88 mg/L	12:12:45
3	Mo 202.031	2720.4	2699.5	0.778 mg/L	0.778 mg/L	12:12:51
3	Na 589.592	Saturated2	Saturated2			12:12:51
Saturated in preshot (code 2)						
3	Na 330.237	23539.4	24369.1	15.7 mg/L	15.7 mg/L	12:12:45
3	Ni 231.604	8690.7	8589.0	1.23 mg/L	1.23 mg/L	12:12:51
3	Pb 220.353	7560.4	7538.2	4.03 mg/L	4.03 mg/L	12:12:51
3	Pb 217.000	4517.1	4512.7	5.44 mg/L	5.44 mg/L	12:12:51
3	Sb 206.836	1474.8	1447.8	0.957 mg/L	0.957 mg/L	12:12:51
3	Se 196.026	449.2	436.4	0.617 mg/L	0.617 mg/L	12:12:51
3	Se 203.985	629.9	684.4	0.698 mg/L	0.698 mg/L	12:12:51
3	Si 251.611	215373.8	214778.3	10.8 mg/L	10.8 mg/L	12:12:45
3	Ti 334.940	132977.4	134007.8	0.854 mg/L	0.854 mg/L	12:12:45
3	Tl 276.787	-339.1	-456.2	-0.294 mg/L	-0.294 mg/L	12:12:45
3	Tl 190.801	259.3	282.6	1.06 mg/L	1.06 mg/L	12:12:51
3	V 290.880	28387.6	18259.2	0.871 mg/L	0.871 mg/L	12:12:45
3	V 292.402	39800.2	39664.3	0.932 mg/L	0.932 mg/L	12:12:45
3	Zn 206.200	44589.8	44583.8	8.72 mg/L	8.72 mg/L	12:12:45
3	Zn 213.857	328837.6	328550.1	10.8 mg/L	10.8 mg/L	12:12:45

Mean Data: M02070406-11A msd

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	164297.0	1.40	mg/L	0.088	1.40	mg/L	0.088	6.25%
Ag 338.289	66017.2	1.61	mg/L	0.091	1.61	mg/L	0.091	5.65%
Al 308.215	2686834.3	217	mg/L	2.6	217	mg/L	2.6	1.20%
Al 396.153	Saturated2							
Saturated in preshot (code 2)								
As 188.979	470.0	0.874	mg/L	0.0291	0.874	mg/L	0.0291	3.33%
As 193.696	570.6	0.792	mg/L	0.0301	0.792	mg/L	0.0301	3.80%
B 182.528	375.1	1.07	mg/L	0.030	1.07	mg/L	0.030	2.84%
B 249.677	19735.0	0.940	mg/L	0.0151	0.940	mg/L	0.0151	1.61%
Ba 233.527	26437.2	2.49	mg/L	0.011	2.49	mg/L	0.011	0.46%
Be 313.107	857287.5	0.575	mg/L	0.0092	0.575	mg/L	0.0092	1.61%
Be 234.861	41817.9	0.137	mg/L	0.0054	0.137	mg/L	0.0054	3.91%
Ca 317.933	50003611.7	2650	mg/L	8.5	2650	mg/L	8.5	0.32%

Cd 228.802	17674.1	2.08 mg/L	0.022	2.08 mg/L	0.022	1.05%
Cd 214.440	14008.0	1.10 mg/L	0.005	1.10 mg/L	0.005	0.42%
Co 228.616	5489.8	1.07 mg/L	0.011	1.07 mg/L	0.011	1.00%
Cr 205.560	7645.6	1.30 mg/L	0.007	1.30 mg/L	0.007	0.55%
Cr 267.716	27101.8	1.19 mg/L	0.020	1.19 mg/L	0.020	1.7[illegible]
Cu 327.393	451170.2	2.64 mg/L	0.031	2.64 mg/L	0.031	1.1[illegible]
Cu 324.752	918607.1	2.84 mg/L	0.032	2.84 mg/L	0.032	1.13%
Fe 273.955	411994.9	134 mg/L	1.8	134 mg/L	1.8	1.32%
Fe 259.939	2395835.8	85.8 mg/L	1.08	85.8 mg/L	1.08	1.26%
Fe 238.204	1409528.3	91.2 mg/L	1.23	91.2 mg/L	1.23	1.35%
K 766.490	2164122.6	42.4 mg/L	1.21	42.4 mg/L	1.21	2.86%
K 404.721	-76537.8	0.000 mg/L	0.0000	0.000 mg/L	0.0000	0.00%
Li 670.784	Saturated2					
Saturated in preshot (code 2)						
Mg 285.213	23784269.1	106 mg/L	0.4	106 mg/L	0.4	0.34%
Mn 257.610	359755.6	3.81 mg/L	0.057	3.81 mg/L	0.057	1.49%
Mo 202.031	2700.0	0.778 mg/L	0.0090	0.778 mg/L	0.0090	1.16%
Na 589.592	Saturated2					
Saturated in preshot (code 2)						
Na 330.237	23844.2	15.3 mg/L	0.30	15.3 mg/L	0.30	1.97%
Ni 231.604	8561.2	1.22 mg/L	0.004	1.22 mg/L	0.004	0.35%
Pb 220.353	7463.3	3.99 mg/L	0.037	3.99 mg/L	0.037	0.94%
Pb 217.000	4465.2	5.38 mg/L	0.053	5.38 mg/L	0.053	0.98%
Sb 206.836	1429.0	0.945 mg/L	0.0140	0.945 mg/L	0.0140	1.48%
Se 196.026	440.1	0.623 mg/L	0.0134	0.623 mg/L	0.0134	2.15%
Se 203.985	696.3	0.710 mg/L	0.0107	0.710 mg/L	0.0107	1.51%
Si 251.611	208667.7	10.5 mg/L	0.27	10.5 mg/L	0.27	2.59%
Ti 334.940	132385.8	0.843 mg/L	0.0090	0.843 mg/L	0.0090	1.06%
Tl 276.787	-425.4	-0.272 mg/L	0.0413	-0.272 mg/L	0.0413	15.16%
Tl 190.801	273.4	1.03 mg/L	0.044	1.03 mg/L	0.044	4.28%
V 290.880	17943.3	0.855 mg/L	0.0137	0.855 mg/L	0.0137	1.60%
V 292.402	38993.4	0.917 mg/L	0.0138	0.917 mg/L	0.0138	1.51%
Zn 206.200	43882.2	8.58 mg/L	0.119	8.58 mg/L	0.119	1.39%
Zn 213.857	323170.4	10.7 mg/L	0.15	10.7 mg/L	0.15	1.45%

Sequence No.: 35
Sample ID: ccb
Analyst:
Nebulizer Back Pressure: 343.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 34
Date Collected: 7/16/02 12:13:27 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: ccb

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	Ag 328.068	3183.3	3366.2	0.036	mg/L	0.036	mg/L	12:15:09
1	Ag 338.289	1180.7	1209.6	0.037	mg/L	0.037	mg/L	12:15:09
1	Al 308.215	41580.4	5401.4	0.302	mg/L	0.302	mg/L	12:15:04
1	Al 396.153	515.2	379.9	0.299	mg/L	0.299	mg/L	12:15:04
1	As 188.979	9.2	-2.9	-0.003	mg/L	-0.003	mg/L	12:15:09
1	As 193.696	-10.2	12.9	0.029	mg/L	0.029	mg/L	12:15:09
1	B 182.528	7.3	1.0	-0.004	mg/L	-0.004	mg/L	12:15:09
1	B 249.677	1167.5	334.8	0.016	mg/L	0.016	mg/L	12:15:09
1	Ba 233.527	-8.9	60.9	0.002	mg/L	0.002	mg/L	12:15:09
1	Be 313.107	158458.7	11882.8	-0.008	mg/L	-0.008	mg/L	12:15:04
1	Be 234.861	-301.0	2.2	-0.012	mg/L	-0.012	mg/L	12:15:09
1	Ca 317.933	263038.0	263122.3	14.0	mg/L	14.0	mg/L	12:15:04
1	Cd 228.802	29.8	32.5	0.004	mg/L	0.004	mg/L	12:15:09
1	Cd 214.440	282.2	31.4	-0.005	mg/L	-0.005	mg/L	12:15:09
1	Co 228.616	-96.1	21.1	0.011	mg/L	0.011	mg/L	12:15:09
1	Cr 205.560	-11.9	21.0	0.003	mg/L	0.003	mg/L	12:15:09
1	Cr 267.716	218.9	46.4	0.003	mg/L	0.003	mg/L	12:15:09
1	Cu 327.393	-10023.7	2392.5	0.025	mg/L	0.025	mg/L	12:15:04
1	Cu 324.752	21805.8	7122.2	0.032	mg/L	0.032	mg/L	12:15:04
1	Fe 273.955	1031.5	1027.9	0.313	mg/L	0.313	mg/L	12:15:09
1	Fe 259.939	8040.8	8008.4	0.263	mg/L	0.263	mg/L	12:15:09
1	Fe 238.204	4800.5	4648.6	0.276	mg/L	0.276	mg/L	12:15:09
1	K 766.490	3184.6	2554.6	0.339	mg/L	0.339	mg/L	12:15:04
1	K 404.721	-8888.3	4569.8	0.000	mg/L	0.000	mg/L	12:15:0[illegible]
1	Li 670.784	4465.4	4971.9	0.027	mg/L	0.027	mg/L	12:15:04
1	Mg 285.213	219132.6	218345.1	0.934	mg/L	0.934	mg/L	12:15:04

1	Mn 257.610	830.2	879.9	0.008 mg/L	0.008 mg/L	12:15:09
1	Mo 202.031	28.4	7.6	0.003 mg/L	0.003 mg/L	12:15:09
1	Na 589.592	-342.2	298.3	0.188 mg/L	0.188 mg/L	12:15:04
1	Na 330.237	-863.3	-33.7	-0.074 mg/L	-0.074 mg/L	12:15:09
1	Ni 231.604	126.1	24.4	0.007 mg/L	0.007 mg/L	12:15:09
1	Pb 220.353	36.3	14.1	0.028 mg/L	0.028 mg/L	12:15:09
1	Pb 217.000	-3.2	-7.6	0.009 mg/L	0.009 mg/L	12:15:09
1	Sb 206.836	57.5	30.5	0.029 mg/L	0.029 mg/L	12:15:09
1	Se 196.026	23.5	10.7	0.011 mg/L	0.011 mg/L	12:15:09
1	Se 203.985	-88.3	-33.9	-0.025 mg/L	-0.025 mg/L	12:15:09
1	Si 251.611	2239.9	1644.4	0.070 mg/L	0.070 mg/L	12:15:09
1	Ti 334.940	-896.4	134.1	0.006 mg/L	0.006 mg/L	12:15:09
1	Tl 276.787	137.9	20.8	0.038 mg/L	0.038 mg/L	12:15:09
1	Tl 190.801	-19.5	3.7	0.053 mg/L	0.053 mg/L	12:15:09
1	V 290.880	10923.5	795.1	0.011 mg/L	0.011 mg/L	12:15:04
1	V 292.402	181.9	46.0	0.000 mg/L	0.000 mg/L	12:15:09
1	Zn 206.200	207.6	201.6	-0.009 mg/L	-0.009 mg/L	12:15:09
1	Zn 213.857	1589.0	1301.4	-0.004 mg/L	-0.004 mg/L	12:15:09
2	Ag 328.068	2933.9	3116.9	0.034 mg/L	0.034 mg/L	12:15:16
2	Ag 338.289	1123.0	1152.0	0.035 mg/L	0.035 mg/L	12:15:16
2	Al 308.215	41432.1	5253.1	0.290 mg/L	0.290 mg/L	12:15:11
2	Al 396.153	344.8	209.5	0.185 mg/L	0.185 mg/L	12:15:11
2	As 188.979	9.9	-2.3	-0.002 mg/L	-0.002 mg/L	12:15:16
2	As 193.696	-16.6	6.5	0.020 mg/L	0.020 mg/L	12:15:16
2	B 182.528	7.1	0.8	-0.005 mg/L	-0.005 mg/L	12:15:16
2	B 249.677	1092.2	259.5	0.012 mg/L	0.012 mg/L	12:15:16
2	Ba 233.527	-45.4	24.5	-0.002 mg/L	-0.002 mg/L	12:15:16
2	Be 313.107	158104.4	11528.5	-0.008 mg/L	-0.008 mg/L	12:15:11
2	Be 234.861	-348.6	-45.4	-0.012 mg/L	-0.012 mg/L	12:15:16
2	Ca 317.933	234365.1	234449.3	12.4 mg/L	12.4 mg/L	12:15:11
2	Cd 228.802	21.6	24.2	0.003 mg/L	0.003 mg/L	12:15:16
2	Cd 214.440	269.9	19.2	-0.006 mg/L	-0.006 mg/L	12:15:16
2	Co 228.616	-93.7	23.5	0.012 mg/L	0.012 mg/L	12:15:16
2	Cr 205.560	-20.1	12.8	0.001 mg/L	0.001 mg/L	12:15:16
2	Cr 267.716	218.4	46.0	0.003 mg/L	0.003 mg/L	12:15:16
2	Cu 327.393	-10067.9	2348.3	0.025 mg/L	0.025 mg/L	12:15:11
2	Cu 324.752	21769.0	7085.4	0.032 mg/L	0.032 mg/L	12:15:11
2	Fe 273.955	830.6	827.0	0.248 mg/L	0.248 mg/L	12:15:16
2	Fe 259.939	6471.8	6439.4	0.207 mg/L	0.207 mg/L	12:15:16
2	Fe 238.204	3895.9	3744.1	0.217 mg/L	0.217 mg/L	12:15:16
2	K 766.490	2770.5	2140.5	0.331 mg/L	0.331 mg/L	12:15:11
2	K 404.721	-8635.9	4822.2	0.000 mg/L	0.000 mg/L	12:15:11
2	Li 670.784	4149.3	4655.8	0.027 mg/L	0.027 mg/L	12:15:11
2	Mg 285.213	202080.0	201292.4	0.858 mg/L	0.858 mg/L	12:15:11
2	Mn 257.610	674.1	723.8	0.007 mg/L	0.007 mg/L	12:15:16
2	Mo 202.031	41.6	20.7	0.007 mg/L	0.007 mg/L	12:15:16
2	Na 589.592	-720.9	-80.4	-0.001 mg/L	-0.001 mg/L	12:15:11
2	Na 330.237	-928.3	-98.7	-0.116 mg/L	-0.116 mg/L	12:15:16
2	Ni 231.604	136.2	34.5	0.008 mg/L	0.008 mg/L	12:15:16
2	Pb 220.353	28.8	6.6	0.024 mg/L	0.024 mg/L	12:15:16
2	Pb 217.000	6.6	2.2	0.021 mg/L	0.021 mg/L	12:15:16
2	Sb 206.836	70.6	43.6	0.037 mg/L	0.037 mg/L	12:15:16
2	Se 196.026	16.4	3.5	0.001 mg/L	0.001 mg/L	12:15:16
2	Se 203.985	-81.6	-27.2	-0.018 mg/L	-0.018 mg/L	12:15:16
2	Si 251.611	2257.2	1661.7	0.071 mg/L	0.071 mg/L	12:15:16
2	Ti 334.940	-925.8	104.7	0.005 mg/L	0.005 mg/L	12:15:16
2	Tl 276.787	130.1	12.9	0.032 mg/L	0.032 mg/L	12:15:16
2	Tl 190.801	-20.1	3.2	0.051 mg/L	0.051 mg/L	12:15:16
2	V 290.880	10956.3	827.9	0.012 mg/L	0.012 mg/L	12:15:11
2	V 292.402	174.2	38.3	0.000 mg/L	0.000 mg/L	12:15:16
2	Zn 206.200	193.0	187.0	-0.012 mg/L	-0.012 mg/L	12:15:16
2	Zn 213.857	1446.6	1159.1	-0.009 mg/L	-0.009 mg/L	12:15:16
3	Ag 328.068	2812.2	2995.1	0.032 mg/L	0.032 mg/L	12:15:23
3	Ag 338.289	1027.6	1056.6	0.033 mg/L	0.033 mg/L	12:15:23
3	Al 308.215	41528.1	5349.1	0.298 mg/L	0.298 mg/L	12:15:17
3	Al 396.153	483.1	347.8	0.278 mg/L	0.278 mg/L	12:15:17
3	As 188.979	5.0	-7.1	-0.011 mg/L	-0.011 mg/L	12:15:23
3	As 193.696	-18.4	4.7	0.017 mg/L	0.017 mg/L	12:15:23
3	B 182.528	10.8	4.6	0.006 mg/L	0.006 mg/L	12:15:23
3	B 249.677	1072.5	239.8	0.011 mg/L	0.011 mg/L	12:15:23
3	Ba 233.527	-43.8	26.0	-0.001 mg/L	-0.001 mg/L	12:15:23
3	Be 313.107	159345.8	12769.9	-0.007 mg/L	-0.007 mg/L	12:15:17
3	Be 234.861	-314.5	-11.3	-0.012 mg/L	-0.012 mg/L	12:15:23

3	Ca 317.933	196449.9	196534.2	10.4 mg/L	10.4 mg/L	12:15:17
3	Cd 228.802	30.3	32.9	0.004 mg/L	0.004 mg/L	12:15:23
3	Cd 214.440	280.4	29.7	-0.005 mg/L	-0.005 mg/L	12:15:2
3	Co 228.616	-105.4	11.8	0.009 mg/L	0.009 mg/L	12:15:23
3	Cr 205.560	-27.5	5.4	0.000 mg/L	0.000 mg/L	12:15:23
3	Cr 267.716	194.8	22.3	0.002 mg/L	0.002 mg/L	12:15:23
3	Cu 327.393	-10687.8	1728.4	0.022 mg/L	0.022 mg/L	12:15:17
3	Cu 324.752	21104.0	6420.3	0.030 mg/L	0.030 mg/L	12:15:17
3	Fe 273.955	653.7	650.1	0.190 mg/L	0.190 mg/L	12:15:23
3	Fe 259.939	5363.9	5331.5	0.168 mg/L	0.168 mg/L	12:15:23
3	Fe 238.204	3276.6	3124.7	0.177 mg/L	0.177 mg/L	12:15:23
3	K 766.490	2582.0	1952.0	0.328 mg/L	0.328 mg/L	12:15:17
3	K 404.721	-8531.0	4927.2	0.000 mg/L	0.000 mg/L	12:15:17
3	Li 670.784	3484.3	3990.8	0.027 mg/L	0.027 mg/L	12:15:17
3	Mg 285.213	172909.2	172121.7	0.727 mg/L	0.727 mg/L	12:15:17
3	Mn 257.610	540.4	590.1	0.005 mg/L	0.005 mg/L	12:15:23
3	Mo 202.031	37.0	16.1	0.006 mg/L	0.006 mg/L	12:15:23
3	Na 589.592	-464.7	175.8	0.127 mg/L	0.127 mg/L	12:15:17
3	Na 330.237	-891.3	-61.7	-0.092 mg/L	-0.092 mg/L	12:15:23
3	Ni 231.604	119.1	17.3	0.006 mg/L	0.006 mg/L	12:15:23
3	Pb 220.353	49.0	26.8	0.034 mg/L	0.034 mg/L	12:15:23
3	Pb 217.000	13.6	9.2	0.029 mg/L	0.029 mg/L	12:15:23
3	Sb 206.836	66.6	39.6	0.035 mg/L	0.035 mg/L	12:15:23
3	Se 196.026	5.5	-7.3	-0.015 mg/L	-0.015 mg/L	12:15:23
3	Se 203.985	-73.0	-18.6	-0.009 mg/L	-0.009 mg/L	12:15:23
3	Si 251.611	2542.5	1947.0	0.085 mg/L	0.085 mg/L	12:15:23
3	Ti 334.940	-979.3	51.2	0.005 mg/L	0.005 mg/L	12:15:23
3	Tl 276.787	140.2	23.1	0.039 mg/L	0.039 mg/L	12:15:23
3	Tl 190.801	-22.1	1.2	0.043 mg/L	0.043 mg/L	12:15:23
3	V 290.880	11178.1	1049.7	0.023 mg/L	0.023 mg/L	12:15:17
3	V 292.402	194.5	58.6	0.001 mg/L	0.001 mg/L	12:15:23
3	Zn 206.200	168.1	162.1	-0.017 mg/L	-0.017 mg/L	12:15:23
3	Zn 213.857	1297.7	1010.2	-0.014 mg/L	-0.014 mg/L	12:15:23

Mean Data: ccb

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	3159.4	0.034	mg/L	0.0016	0.034	mg/L	0.0016	4.75%
Ag 338.289	1139.4	0.035	mg/L	0.0019	0.035	mg/L	0.0019	5.34%
Al 308.215	5334.5	0.296	mg/L	0.0061	0.296	mg/L	0.0061	2.05%
Al 396.153	312.4	0.254	mg/L	0.0608	0.254	mg/L	0.0608	23.96%
As 188.979	-4.1	-0.005	mg/L	0.0049	-0.005	mg/L	0.0049	91.56%
As 193.696	8.1	0.022	mg/L	0.0059	0.022	mg/L	0.0059	27.08%
B 182.528	2.1	-0.001	mg/L	0.0061	-0.001	mg/L	0.0061	748.16%
B 249.677	278.0	0.013	mg/L	0.0024	0.013	mg/L	0.0024	18.14%
Ba 233.527	37.1	0.000	mg/L	0.0019	0.000	mg/L	0.0019	632.72%
Be 313.107	12060.4	-0.008	mg/L	0.0004	-0.008	mg/L	0.0004	5.73%
Be 234.861	-18.2	-0.012	mg/L	0.0001	-0.012	mg/L	0.0001	0.75%
Ca 317.933	231368.6	12.3	mg/L	1.77	12.3	mg/L	1.77	14.42%
Cd 228.802	29.9	0.003	mg/L	0.0006	0.003	mg/L	0.0006	17.29%
Cd 214.440	26.8	-0.005	mg/L	0.0005	-0.005	mg/L	0.0005	10.04%
Co 228.616	18.8	0.011	mg/L	0.0012	0.011	mg/L	0.0012	11.02%
Cr 205.560	13.1	0.002	mg/L	0.0013	0.002	mg/L	0.0013	86.66%
Cr 267.716	38.2	0.003	mg/L	0.0006	0.003	mg/L	0.0006	23.60%
Cu 327.393	2156.4	0.024	mg/L	0.0022	0.024	mg/L	0.0022	8.99%
Cu 324.752	6876.0	0.031	mg/L	0.0012	0.031	mg/L	0.0012	3.91%
Fe 273.955	835.0	0.250	mg/L	0.0616	0.250	mg/L	0.0616	24.58%
Fe 259.939	6593.1	0.213	mg/L	0.0482	0.213	mg/L	0.0482	22.65%
Fe 238.204	3839.2	0.224	mg/L	0.0496	0.224	mg/L	0.0496	22.19%
K 766.490	2215.7	0.333	mg/L	0.0060	0.333	mg/L	0.0060	1.80%
K 404.721	4773.1	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	4539.5	0.027	mg/L	0.0004	0.027	mg/L	0.0004	1.48%
Mg 285.213	197253.0	0.840	mg/L	0.1047	0.840	mg/L	0.1047	12.46%
Mn 257.610	731.3	0.007	mg/L	0.0015	0.007	mg/L	0.0015	23.01%
Mo 202.031	14.8	0.005	mg/L	0.0019	0.005	mg/L	0.0019	35.52%
Na 589.592	131.3	0.105	mg/L	0.0962	0.105	mg/L	0.0962	91.90%
Na 330.237	-64.7	-0.094	mg/L	0.0210	-0.094	mg/L	0.0210	22.41
Ni 231.604	25.4	0.007	mg/L	0.0012	0.007	mg/L	0.0012	18.35
Pb 220.353	15.9	0.029	mg/L	0.0054	0.029	mg/L	0.0054	18.93%
Pb 217.000	1.3	0.019	mg/L	0.0101	0.019	mg/L	0.0101	52.29%
Sb 206.836	37.9	0.034	mg/L	0.0044	0.034	mg/L	0.0044	13.16%
Se 196.026	2.3	-0.001	mg/L	0.0129	-0.001	mg/L	0.0129	>999.9%

Se 203.985	-26.5	-0.018 mg/L	0.0077	-0.018 mg/L	0.0077	44.14%
Si 251.611	1751.1	0.075 mg/L	0.0086	0.075 mg/L	0.0086	11.39%
Ti 334.940	96.6	0.005 mg/L	0.0003	0.005 mg/L	0.0003	4.98%
Tl 276.787	18.9	0.036 mg/L	0.0037	0.036 mg/L	0.0037	10.14%
Tl 190.801	2.7	0.049 mg/L	0.0049	0.049 mg/L	0.0049	10.00%
V 290.880	890.9	0.015 mg/L	0.0068	0.015 mg/L	0.0068	44.36%
V 292.402	47.6	0.001 mg/L	0.0002	0.001 mg/L	0.0002	45.86%
Zn 206.200	183.6	-0.013 mg/L	0.0039	-0.013 mg/L	0.0039	30.60%
Zn 213.857	1156.9	-0.009 mg/L	0.0048	-0.009 mg/L	0.0048	53.76%

Sequence No.: 36
Sample ID: M02070406-12A
Analyst:
Nebulizer Back Pressure: 343.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 35
Date Collected: 7/16/02 12:15:59 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070406-12A

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	-1760.4	-1577.4	-0.006	mg/L	-0.006	mg/L	12:17:48
1	Ag 338.289	8103.1	8132.0	0.204	mg/L	0.204	mg/L	12:17:48
1	Al 308.215	84139.1	47960.1	3.75	mg/L	3.75	mg/L	12:17:41
1	Al 396.153	-5271.4	-5406.7	-3.59	mg/L	-3.59	mg/L	12:17:41
1	As 188.979	-8.6	-20.7	-0.036	mg/L	-0.036	mg/L	12:17:48
1	As 193.696	-45.2	-22.0	-0.019	mg/L	-0.019	mg/L	12:17:48
1	B 182.528	68.4	62.1	0.171	mg/L	0.171	mg/L	12:17:48
1	B 249.677	4166.6	3333.9	0.159	mg/L	0.159	mg/L	12:17:48
1	Ba 233.527	13537.3	13607.1	1.28	mg/L	1.28	mg/L	12:17:48
1	Be 313.107	132238.0	-14337.9	-0.026	mg/L	-0.026	mg/L	12:17:41
1	Be 234.861	-649.3	-346.1	-0.013	mg/L	-0.013	mg/L	12:17:48
1	Ca 317.933	58974107.4	58974191.7	3130	mg/L	3130	mg/L	12:17:39
1	Cd 228.802	8040.3	8042.9	0.948	mg/L	0.948	mg/L	12:17:48
1	Cd 214.440	5173.7	4923.0	0.383	mg/L	0.383	mg/L	12:17:48
1	Co 228.616	365.6	482.8	0.101	mg/L	0.101	mg/L	12:17:48
1	Cr 205.560	20.8	53.7	0.008	mg/L	0.008	mg/L	12:17:48
1	Cr 267.716	295.7	123.2	0.006	mg/L	0.006	mg/L	12:17:48
1	Cu 327.393	198947.5	211363.7	1.24	mg/L	1.24	mg/L	12:17:41
1	Cu 324.752	456616.9	441933.2	1.37	mg/L	1.37	mg/L	12:17:41
1	Fe 273.955	1100.0	1096.3	0.336	mg/L	0.336	mg/L	12:17:48
1	Fe 259.939	6752.1	6719.7	0.217	mg/L	0.217	mg/L	12:17:48
1	Fe 238.204	4472.1	4320.2	0.255	mg/L	0.255	mg/L	12:17:48
1	K 766.490	432202.0	431572.0	8.68	mg/L	8.68	mg/L	12:17:41
1	K 404.721	-7524.0	5934.1	0.000	mg/L	0.000	mg/L	12:17:41
1	Li 670.784	303820.3	304326.8	0.266	mg/L	0.266	mg/L	12:17:41
1	Mg 285.213	24882960.7	24882173.1	111	mg/L	111	mg/L	12:17:39
1	Mn 257.610	352309.5	352359.2	3.73	mg/L	3.73	mg/L	12:17:41
1	Mo 202.031	8.5	-12.3	-0.002	mg/L	-0.002	mg/L	12:17:48
1	Na 589.592	Saturated2	Saturated2					12:17:48
	Saturated in preshot (code 2)							
1	Na 330.237	46685.8	47515.4	30.6	mg/L	30.6	mg/L	12:17:41
1	Ni 231.604	9212.1	9110.4	1.30	mg/L	1.30	mg/L	12:17:48
1	Pb 220.353	11818.5	11796.3	6.29	mg/L	6.29	mg/L	12:17:48
1	Pb 217.000	8428.2	8423.8	10.1	mg/L	10.1	mg/L	12:17:48
1	Sb 206.836	52.5	25.5	0.025	mg/L	0.025	mg/L	12:17:48
1	Se 196.026	14.9	2.0	-0.002	mg/L	-0.002	mg/L	12:17:48
1	Se 203.985	36.1	90.6	0.100	mg/L	0.100	mg/L	12:17:48
1	Si 251.611	77505.1	76909.6	3.87	mg/L	3.87	mg/L	12:17:41
1	Ti 334.940	-14998.8	-13968.3	-0.084	mg/L	-0.084	mg/L	12:17:41
1	Tl 276.787	2353.9	2236.8	1.58	mg/L	1.58	mg/L	12:17:48
1	Tl 190.801	-60.9	-37.7	-0.097	mg/L	-0.097	mg/L	12:17:48
1	V 290.880	9250.4	-878.0	-0.072	mg/L	-0.072	mg/L	12:17:48
1	V 292.402	166.0	30.1	0.000	mg/L	0.000	mg/L	12:17:48
1	Zn 206.200	83305.4	83299.4	16.3	mg/L	16.3	mg/L	12:17:41
1	Zn 213.857	536380.0	536092.5	17.7	mg/L	17.7	mg/L	12:17:41
2	Ag 328.068	-1844.3	-1661.4	-0.007	mg/L	-0.007	mg/L	12:18:00
2	Ag 338.289	8126.2	8155.2	0.205	mg/L	0.205	mg/L	12:18:00
2	Al 308.215	82493.1	46314.1	3.61	mg/L	3.61	mg/L	12:17:53
2	Al 396.153	-5875.7	-6011.0	-3.99	mg/L	-3.99	mg/L	12:17:53
2	As 188.979	21.3	9.2	0.019	mg/L	0.019	mg/L	12:18:00
2	As 193.696	-35.5	-12.4	-0.006	mg/L	-0.006	mg/L	12:18:00

2	B 182.528	41.6	35.3	0.094 mg/L	0.094 mg/L	12:18:00
2	B 249.677	4195.2	3362.5	0.160 mg/L	0.160 mg/L	12:18:00
2	Ba 233.527	13589.2	13659.1	1.29 mg/L	1.29 mg/L	12:18:0
2	Be 313.107	131001.0	-15574.9	-0.027 mg/L	-0.027 mg/L	12:17:5
2	Be 234.861	-638.5	-335.3	-0.013 mg/L	-0.013 mg/L	12:18:00
2	Ca 317.933	59045893.6	59045977.9	3130 mg/L	3130 mg/L	12:17:51
2	Cd 228.802	8090.0	8092.6	0.954 mg/L	0.954 mg/L	12:18:00
2	Cd 214.440	5227.8	4977.1	0.387 mg/L	0.387 mg/L	12:18:00
2	Co 228.616	374.9	492.1	0.102 mg/L	0.102 mg/L	12:18:00
2	Cr 205.560	29.3	62.2	0.010 mg/L	0.010 mg/L	12:18:00
2	Cr 267.716	319.8	147.4	0.007 mg/L	0.007 mg/L	12:18:00
2	Cu 327.393	198495.2	210911.4	1.24 mg/L	1.24 mg/L	12:17:53
2	Cu 324.752	455432.0	440748.4	1.37 mg/L	1.37 mg/L	12:17:53
2	Fe 273.955	1073.7	1070.1	0.327 mg/L	0.327 mg/L	12:18:00
2	Fe 259.939	6408.0	6375.6	0.205 mg/L	0.205 mg/L	12:18:00
2	Fe 238.204	4322.3	4170.5	0.245 mg/L	0.245 mg/L	12:18:00
2	K 766.490	427116.6	426486.5	8.59 mg/L	8.59 mg/L	12:17:53
2	K 404.721	-6957.1	6501.0	0.000 mg/L	0.000 mg/L	12:17:53
2	Li 670.784	300156.8	300663.3	0.264 mg/L	0.264 mg/L	12:17:53
2	Mg 285.213	24965871.6	24965084.0	112 mg/L	112 mg/L	12:17:51
2	Mn 257.610	355797.7	355847.4	3.77 mg/L	3.77 mg/L	12:17:53
2	Mo 202.031	-0.1	-21.0	-0.005 mg/L	-0.005 mg/L	12:18:00
2	Na 589.592	Saturated2	Saturated2			12:18:00
Saturated in preshot (code 2)						
2	Na 330.237	46400.7	47230.4	30.4 mg/L	30.4 mg/L	12:17:53
2	Ni 231.604	9223.6	9121.9	1.30 mg/L	1.30 mg/L	12:18:00
2	Pb 220.353	12013.7	11991.5	6.40 mg/L	6.40 mg/L	12:18:00
2	Pb 217.000	8609.0	8604.6	10.4 mg/L	10.4 mg/L	12:18:00
2	Sb 206.836	40.9	13.9	0.018 mg/L	0.018 mg/L	12:18:00
2	Se 196.026	14.3	1.5	-0.002 mg/L	-0.002 mg/L	12:18:00
2	Se 203.985	41.9	96.4	0.106 mg/L	0.106 mg/L	12:18:00
2	Si 251.611	77852.9	77257.4	3.89 mg/L	3.89 mg/L	12:17:53
2	Ti 334.940	-16179.6	-15149.1	-0.091 mg/L	-0.091 mg/L	12:17:53
2	Tl 276.787	2222.9	2105.8	1.49 mg/L	1.49 mg/L	12:18:00
2	Tl 190.801	-86.0	-62.8	-0.188 mg/L	-0.188 mg/L	12:18:00
2	V 290.880	9213.1	-915.3	-0.074 mg/L	-0.074 mg/L	12:18:
2	V 292.402	176.4	40.6	0.000 mg/L	0.000 mg/L	12:18:0
2	Zn 206.200	84521.7	84515.7	16.6 mg/L	16.6 mg/L	12:17:53
2	Zn 213.857	543143.7	542856.1	17.9 mg/L	17.9 mg/L	12:17:53
3	Ag 328.068	-2044.0	-1861.0	-0.009 mg/L	-0.009 mg/L	12:18:12
3	Ag 338.289	8364.5	8393.4	0.211 mg/L	0.211 mg/L	12:18:12
3	Al 308.215	84819.0	48640.0	3.80 mg/L	3.80 mg/L	12:18:05
3	Al 396.153	-6009.2	-6144.5	-4.08 mg/L	-4.08 mg/L	12:18:05
3	As 188.979	17.8	5.7	0.013 mg/L	0.013 mg/L	12:18:12
3	As 193.696	-49.9	-26.8	-0.026 mg/L	-0.026 mg/L	12:18:12
3	B 182.528	69.8	63.5	0.175 mg/L	0.175 mg/L	12:18:12
3	B 249.677	4281.2	3448.6	0.164 mg/L	0.164 mg/L	12:18:12
3	Ba 233.527	13804.9	13874.7	1.31 mg/L	1.31 mg/L	12:18:12
3	Be 313.107	131732.9	-14843.0	-0.026 mg/L	-0.026 mg/L	12:18:05
3	Be 234.861	-641.8	-338.6	-0.013 mg/L	-0.013 mg/L	12:18:12
3	Ca 317.933	58850916.2	58851000.5	3120 mg/L	3120 mg/L	12:18:03
3	Cd 228.802	8320.8	8323.5	0.981 mg/L	0.981 mg/L	12:18:12
3	Cd 214.440	5302.2	5051.5	0.393 mg/L	0.393 mg/L	12:18:12
3	Co 228.616	372.1	489.3	0.102 mg/L	0.102 mg/L	12:18:12
3	Cr 205.560	26.8	59.7	0.009 mg/L	0.009 mg/L	12:18:12
3	Cr 267.716	331.1	158.6	0.008 mg/L	0.008 mg/L	12:18:12
3	Cu 327.393	209192.9	221609.0	1.30 mg/L	1.30 mg/L	12:18:05
3	Cu 324.752	477628.5	462944.9	1.44 mg/L	1.44 mg/L	12:18:05
3	Fe 273.955	1144.7	1141.1	0.350 mg/L	0.350 mg/L	12:18:12
3	Fe 259.939	6863.9	6831.5	0.221 mg/L	0.221 mg/L	12:18:12
3	Fe 238.204	4594.9	4443.1	0.263 mg/L	0.263 mg/L	12:18:12
3	K 766.490	448791.7	448161.6	9.01 mg/L	9.01 mg/L	12:18:05
3	K 404.721	-7029.4	6428.7	0.000 mg/L	0.000 mg/L	12:18:05
3	Li 670.784	312119.6	312626.0	0.273 mg/L	0.273 mg/L	12:18:05
3	Mg 285.213	25049022.1	25048234.6	112 mg/L	112 mg/L	12:18:03
3	Mn 257.610	363419.1	363468.8	3.85 mg/L	3.85 mg/L	12:18:05
3	Mo 202.031	5.0	-15.8	-0.003 mg/L	-0.003 mg/L	12:18:12
3	Na 589.592	Saturated2	Saturated2			12:18:
Saturated in preshot (code 2)						
3	Na 330.237	48230.1	49059.7	31.6 mg/L	31.6 mg/L	12:18:05
3	Ni 231.604	9283.8	9182.1	1.31 mg/L	1.31 mg/L	12:18:12
3	Pb 220.353	12317.2	12295.1	6.56 mg/L	6.56 mg/L	12:18:12
3	Pb 217.000	9022.0	9017.6	10.9 mg/L	10.9 mg/L	12:18:12

3	Sb 206.836	48.9	21.9	0.023 mg/L	0.023 mg/L	12:18:12
3	Se 196.026	1.6	-11.2	-0.020 mg/L	-0.020 mg/L	12:18:12
3	Se 203.985	73.1	127.6	0.138 mg/L	0.138 mg/L	12:18:12
3	Si 251.611	80616.6	80021.1	4.03 mg/L	4.03 mg/L	12:18:05
3	Ti 334.940	-14367.8	-13337.3	-0.080 mg/L	-0.080 mg/L	12:18:05
3	Tl 276.787	2280.7	2163.6	1.53 mg/L	1.53 mg/L	12:18:12
3	Tl 190.801	-77.1	-53.9	-0.156 mg/L	-0.156 mg/L	12:18:12
3	V 290.880	9224.1	-904.3	-0.073 mg/L	-0.073 mg/L	12:18:12
3	V 292.402	185.3	49.4	0.001 mg/L	0.001 mg/L	12:18:12
3	Zn 206.200	85791.1	85785.1	16.8 mg/L	16.8 mg/L	12:18:05
3	Zn 213.857	550580.3	550292.8	18.2 mg/L	18.2 mg/L	12:18:05

Mean Data: M02070406-12A

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-1699.9	-0.007	mg/L	0.0012	-0.007	mg/L	0.0012	16.65%
Ag 338.289	8226.9	0.207	mg/L	0.0035	0.207	mg/L	0.0035	1.70%
Al 308.215	47638.1	3.72	mg/L	0.097	3.72	mg/L	0.097	2.60%
Al 396.153	-5854.0	-3.89	mg/L	0.264	-3.89	mg/L	0.264	6.79%
As 188.979	-1.9	-0.001	mg/L	0.0303	-0.001	mg/L	0.0303	>999.9%
As 193.696	-20.4	-0.017	mg/L	0.0100	-0.017	mg/L	0.0100	58.91%
B 182.528	53.7	0.147	mg/L	0.0454	0.147	mg/L	0.0454	30.99%
B 249.677	3381.6	0.161	mg/L	0.0028	0.161	mg/L	0.0028	1.77%
Ba 233.527	13713.6	1.29	mg/L	0.013	1.29	mg/L	0.013	1.04%
Be 313.107	-14918.6	-0.026	mg/L	0.0004	-0.026	mg/L	0.0004	1.63%
Be 234.861	-340.0	-0.013	mg/L	0.0000	-0.013	mg/L	0.0000	0.15%
Ca 317.933	58957056.7	3130	mg/L	5.2	3130	mg/L	5.2	0.17%
Cd 228.802	8153.0	0.961	mg/L	0.0177	0.961	mg/L	0.0177	1.84%
Cd 214.440	4983.9	0.388	mg/L	0.0051	0.388	mg/L	0.0051	1.32%
Co 228.616	488.1	0.102	mg/L	0.0009	0.102	mg/L	0.0009	0.91%
Cr 205.560	58.5	0.009	mg/L	0.0007	0.009	mg/L	0.0007	8.09%
Cr 267.716	143.1	0.007	mg/L	0.0008	0.007	mg/L	0.0008	11.07%
Cu 327.393	214628.0	1.26	mg/L	0.035	1.26	mg/L	0.035	2.79%
Cu 324.752	448542.2	1.39	mg/L	0.039	1.39	mg/L	0.039	2.76%
Fe 273.955	1102.5	0.338	mg/L	0.0117	0.338	mg/L	0.0117	3.46%
Fe 259.939	6642.3	0.214	mg/L	0.0085	0.214	mg/L	0.0085	3.97%
Fe 238.204	4311.3	0.254	mg/L	0.0088	0.254	mg/L	0.0088	3.48%
K 766.490	435406.7	8.76	mg/L	0.220	8.76	mg/L	0.220	2.52%
K 404.721	6287.9	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	305872.0	0.268	mg/L	0.0049	0.268	mg/L	0.0049	1.83%
Mg 285.213	24965163.9	112	mg/L	0.4	112	mg/L	0.4	0.33%
Mn 257.610	357225.1	3.79	mg/L	0.060	3.79	mg/L	0.060	1.59%
Mo 202.031	-16.4	-0.004	mg/L	0.0013	-0.004	mg/L	0.0013	35.20%
Na 589.592	Saturated2							
Saturated in preshot (code 2)								
Na 330.237	47935.2	30.9	mg/L	0.64	30.9	mg/L	0.64	2.06%
Ni 231.604	9138.1	1.30	mg/L	0.005	1.30	mg/L	0.005	0.42%
Pb 220.353	12027.6	6.42	mg/L	0.134	6.42	mg/L	0.134	2.08%
Pb 217.000	8682.0	10.5	mg/L	0.37	10.5	mg/L	0.37	3.50%
Sb 206.836	20.4	0.022	mg/L	0.0039	0.022	mg/L	0.0039	17.70%
Se 196.026	-2.6	-0.008	mg/L	0.0107	-0.008	mg/L	0.0107	131.94%
Se 203.985	104.9	0.115	mg/L	0.0200	0.115	mg/L	0.0200	17.46%
Si 251.611	78062.7	3.93	mg/L	0.086	3.93	mg/L	0.086	2.19%
Ti 334.940	-14151.6	-0.085	mg/L	0.0058	-0.085	mg/L	0.0058	6.86%
Tl 276.787	2168.7	1.53	mg/L	0.046	1.53	mg/L	0.046	2.98%
Tl 190.801	-51.5	-0.147	mg/L	0.0459	-0.147	mg/L	0.0459	31.21%
V 290.880	-899.2	-0.073	mg/L	0.0009	-0.073	mg/L	0.0009	1.30%
V 292.402	40.0	0.000	mg/L	0.0002	0.000	mg/L	0.0002	65.70%
Zn 206.200	84533.4	16.6	mg/L	0.24	16.6	mg/L	0.24	1.47%
Zn 213.857	543080.4	17.9	mg/L	0.24	17.9	mg/L	0.24	1.31%

Sequence No.: 37
Sample ID: M02070406-13A
Analyst:
Nebulizer Back Pressure: 343.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 36
Date Collected: 7/16/02 12:18:49 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070406-13A

	Net	Corrected		Calib.		Sample	Analysis

Repl#	Analyte	Intensity	Intensity	Conc.	Units	Conc.	Units	Time
1	Ag 328.068	-2072.4	-1889.4	-0.009	mg/L	-0.009	mg/L	12:20:32
1	Ag 338.289	6148.1	6177.0	0.157	mg/L	0.157	mg/L	12:20:3[illegible]
1	Al 308.215	58173.9	21994.9	1.64	mg/L	1.64	mg/L	12:20:3[illegible]
1	Al 396.153	-7026.5	-7161.7	-4.77	mg/L	-4.77	mg/L	12:20:30
1	As 188.979	-13.4	-25.5	-0.045	mg/L	-0.045	mg/L	12:20:37
1	As 193.696	-71.3	-48.2	-0.055	mg/L	-0.055	mg/L	12:20:37
1	B 182.528	41.8	35.5	0.095	mg/L	0.095	mg/L	12:20:37
1	B 249.677	3822.1	2989.4	0.142	mg/L	0.142	mg/L	12:20:37
1	Ba 233.527	7922.9	7992.7	0.751	mg/L	0.751	mg/L	12:20:37
1	Be 313.107	134058.5	-12517.4	-0.025	mg/L	-0.025	mg/L	12:20:32
1	Be 234.861	-795.6	-492.4	-0.013	mg/L	-0.013	mg/L	12:20:37
1	Ca 317.933	56850521.6	56850605.9	3010	mg/L	3010	mg/L	12:20:29
1	Cd 228.802	4854.7	4857.3	0.572	mg/L	0.572	mg/L	12:20:37
1	Cd 214.440	3566.3	3315.6	0.255	mg/L	0.255	mg/L	12:20:37
1	Co 228.616	342.0	459.2	0.096	mg/L	0.096	mg/L	12:20:37
1	Cr 205.560	30.4	63.3	0.010	mg/L	0.010	mg/L	12:20:37
1	Cr 267.716	338.1	165.7	0.008	mg/L	0.008	mg/L	12:20:37
1	Cu 327.393	35618.2	48034.4	0.292	mg/L	0.292	mg/L	12:20:32
1	Cu 324.752	117070.2	102386.6	0.326	mg/L	0.326	mg/L	12:20:32
1	Fe 273.955	1140.8	1137.1	0.349	mg/L	0.349	mg/L	12:20:37
1	Fe 259.939	6885.0	6852.6	0.222	mg/L	0.222	mg/L	12:20:37
1	Fe 238.204	4538.0	4386.2	0.259	mg/L	0.259	mg/L	12:20:37
1	K 766.490	304676.3	304046.3	6.20	mg/L	6.20	mg/L	12:20:30
1	K 404.721	-6131.9	7326.2	0.000	mg/L	0.000	mg/L	12:20:32
1	Li 670.784	251549.0	252055.5	0.225	mg/L	0.225	mg/L	12:20:30
1	Mg 285.213	22675613.7	22674826.1	101	mg/L	101	mg/L	12:20:29
1	Mn 257.610	261452.6	261502.2	2.77	mg/L	2.77	mg/L	12:20:32
1	Mo 202.031	0.7	-20.2	-0.005	mg/L	-0.005	mg/L	12:20:37
1	Na 589.592	Saturated2	Saturated2					12:20:37
Saturated in preshot (code 2)								
1	Na 330.237	59790.3	60619.9	39.1	mg/L	39.1	mg/L	12:20:32
1	Ni 231.604	1170.5	1068.8	0.155	mg/L	0.155	mg/L	12:20:37
1	Pb 220.353	7700.7	7678.5	4.10	mg/L	4.10	mg/L	12:20:37
1	Pb 217.000	5051.9	5047.5	6.08	mg/L	6.08	mg/L	12:20:37
1	Sb 206.836	28.9	1.9	0.010	mg/L	0.010	mg/L	12:20:[illegible]
1	Se 196.026	-10.4	-23.3	-0.038	mg/L	-0.038	mg/L	12:20:3[illegible]
1	Se 203.985	-14.0	40.4	0.050	mg/L	0.050	mg/L	12:20:37
1	Si 251.611	72309.9	71714.4	3.61	mg/L	3.61	mg/L	12:20:32
1	Ti 334.940	-9582.2	-8551.7	-0.049	mg/L	-0.049	mg/L	12:20:30
1	Tl 276.787	2152.8	2035.6	1.44	mg/L	1.44	mg/L	12:20:32
1	Tl 190.801	-46.9	-23.7	-0.047	mg/L	-0.047	mg/L	12:20:37
1	V 290.880	9621.8	-506.6	-0.053	mg/L	-0.053	mg/L	12:20:32
1	V 292.402	115.2	-20.7	-0.001	mg/L	-0.001	mg/L	12:20:32
1	Zn 206.200	136530.3	136524.3	26.8	mg/L	26.8	mg/L	12:20:32
1	Zn 213.857	656229.0	655941.5	21.7	mg/L	21.7	mg/L	12:20:30
2	Ag 328.068	-2113.3	-1930.3	-0.009	mg/L	-0.009	mg/L	12:20:43
2	Ag 338.289	6218.1	6247.1	0.159	mg/L	0.159	mg/L	12:20:43
2	Al 308.215	59873.0	23694.0	1.78	mg/L	1.78	mg/L	12:20:43
2	Al 396.153	-6714.1	-6849.4	-4.56	mg/L	-4.56	mg/L	12:20:42
2	As 188.979	7.3	-4.8	-0.007	mg/L	-0.007	mg/L	12:20:48
2	As 193.696	-46.4	-23.3	-0.021	mg/L	-0.021	mg/L	12:20:48
2	B 182.528	59.9	53.6	0.146	mg/L	0.146	mg/L	12:20:48
2	B 249.677	3850.3	3017.6	0.144	mg/L	0.144	mg/L	12:20:48
2	Ba 233.527	7946.5	8016.4	0.753	mg/L	0.753	mg/L	12:20:48
2	Be 313.107	134964.1	-11611.8	-0.024	mg/L	-0.024	mg/L	12:20:43
2	Be 234.861	-743.3	-440.1	-0.013	mg/L	-0.013	mg/L	12:20:48
2	Ca 317.933	57093629.4	57093713.7	3030	mg/L	3030	mg/L	12:20:41
2	Cd 228.802	4934.3	4936.9	0.582	mg/L	0.582	mg/L	12:20:48
2	Cd 214.440	3578.4	3327.7	0.256	mg/L	0.256	mg/L	12:20:48
2	Co 228.616	351.5	468.7	0.098	mg/L	0.098	mg/L	12:20:48
2	Cr 205.560	36.6	69.5	0.011	mg/L	0.011	mg/L	12:20:48
2	Cr 267.716	323.1	150.7	0.007	mg/L	0.007	mg/L	12:20:48
2	Cu 327.393	38126.6	50542.8	0.306	mg/L	0.306	mg/L	12:20:43
2	Cu 324.752	122744.2	108060.6	0.343	mg/L	0.343	mg/L	12:20:43
2	Fe 273.955	1136.8	1133.1	0.348	mg/L	0.348	mg/L	12:20:48
2	Fe 259.939	6813.5	6781.1	0.219	mg/L	0.219	mg/L	12:20:48
2	Fe 238.204	4506.4	4354.6	0.257	mg/L	0.257	mg/L	12:20:[illegible]
2	K 766.490	312896.8	312266.8	6.36	mg/L	6.36	mg/L	12:20:[illegible]
2	K 404.721	-6122.5	7335.6	0.000	mg/L	0.000	mg/L	12:20:43
2	Li 670.784	256712.0	257218.5	0.229	mg/L	0.229	mg/L	12:20:42
2	Mg 285.213	22898290.8	22897503.2	102	mg/L	102	mg/L	12:20:41
2	Mn 257.610	266046.3	266096.0	2.82	mg/L	2.82	mg/L	12:20:43

2	Mo 202.031	-11.0	-31.9	-0.008 mg/L	-0.008 mg/L	12:20:48
2	Na 589.592	Saturated2	Saturated2			12:20:48
Saturated in preshot (code 2)						
2	Na 330.237	62210.2	63039.9	40.6 mg/L	40.6 mg/L	12:20:43
2	Ni 231.604	1195.6	1093.9	0.159 mg/L	0.159 mg/L	12:20:48
2	Pb 220.353	7845.7	7823.5	4.18 mg/L	4.18 mg/L	12:20:48
2	Pb 217.000	5145.1	5140.7	6.20 mg/L	6.20 mg/L	12:20:48
2	Sb 206.836	38.9	11.9	0.016 mg/L	0.016 mg/L	12:20:48
2	Se 196.026	-3.3	-16.2	-0.027 mg/L	-0.027 mg/L	12:20:48
2	Se 203.985	3.8	58.3	0.068 mg/L	0.068 mg/L	12:20:48
2	Si 251.611	76496.1	75900.7	3.82 mg/L	3.82 mg/L	12:20:43
2	Ti 334.940	-11023.0	-9992.6	-0.059 mg/L	-0.059 mg/L	12:20:42
2	Tl 276.787	1984.2	1867.1	1.32 mg/L	1.32 mg/L	12:20:43
2	Tl 190.801	-62.4	-39.2	-0.103 mg/L	-0.103 mg/L	12:20:48
2	V 290.880	9777.2	-351.2	-0.046 mg/L	-0.046 mg/L	12:20:43
2	V 292.402	159.7	23.9	0.000 mg/L	0.000 mg/L	12:20:43
2	Zn 206.200	138992.3	138986.2	27.3 mg/L	27.3 mg/L	12:20:43
2	Zn 213.857	661513.2	661225.7	21.9 mg/L	21.9 mg/L	12:20:42
3	Ag 328.068	-2015.2	-1832.3	-0.009 mg/L	-0.009 mg/L	12:20:55
3	Ag 338.289	6463.1	6492.0	0.165 mg/L	0.165 mg/L	12:20:55
3	Al 308.215	59647.2	23468.2	1.76 mg/L	1.76 mg/L	12:20:55
3	Al 396.153	-7349.1	-7484.4	-4.98 mg/L	-4.98 mg/L	12:20:54
3	As 188.979	8.1	-4.1	-0.005 mg/L	-0.005 mg/L	12:21:00
3	As 193.696	-57.9	-34.8	-0.037 mg/L	-0.037 mg/L	12:21:00
3	B 182.528	36.8	30.5	0.080 mg/L	0.080 mg/L	12:21:00
3	B 249.677	3902.5	3069.8	0.146 mg/L	0.146 mg/L	12:21:00
3	Ba 233.527	8108.2	8178.0	0.769 mg/L	0.769 mg/L	12:21:00
3	Be 313.107	135915.6	-10660.3	-0.023 mg/L	-0.023 mg/L	12:20:55
3	Be 234.861	-735.8	-432.6	-0.013 mg/L	-0.013 mg/L	12:21:00
3	Ca 317.933	57277616.3	57277700.6	3040 mg/L	3040 mg/L	12:20:52
3	Cd 228.802	5082.3	5085.0	0.599 mg/L	0.599 mg/L	12:21:00
3	Cd 214.440	3654.8	3404.1	0.262 mg/L	0.262 mg/L	12:21:00
3	Co 228.616	364.1	481.3	0.100 mg/L	0.100 mg/L	12:21:00
3	Cr 205.560	22.9	55.8	0.009 mg/L	0.009 mg/L	12:21:00
3	Cr 267.716	388.3	215.8	0.010 mg/L	0.010 mg/L	12:21:00
3	Cu 327.393	40133.0	52549.2	0.318 mg/L	0.318 mg/L	12:20:55
3	Cu 324.752	127295.2	112611.6	0.357 mg/L	0.357 mg/L	12:20:55
3	Fe 273.955	1114.1	1110.5	0.340 mg/L	0.340 mg/L	12:21:00
3	Fe 259.939	6722.2	6689.8	0.216 mg/L	0.216 mg/L	12:21:00
3	Fe 238.204	4495.7	4343.9	0.256 mg/L	0.256 mg/L	12:21:00
3	K 766.490	313988.2	313358.1	6.39 mg/L	6.39 mg/L	12:20:54
3	K 404.721	-6504.3	6953.8	0.000 mg/L	0.000 mg/L	12:20:55
3	Li 670.784	258234.6	258741.0	0.230 mg/L	0.230 mg/L	12:20:54
3	Mg 285.213	22965759.7	22964972.1	103 mg/L	103 mg/L	12:20:52
3	Mn 257.610	265723.1	265772.7	2.82 mg/L	2.82 mg/L	12:20:55
3	Mo 202.031	-9.0	-29.9	-0.007 mg/L	-0.007 mg/L	12:21:00
3	Na 589.592	Saturated2	Saturated2			12:21:00
Saturated in preshot (code 2)						
3	Na 330.237	62699.9	63529.5	41.0 mg/L	41.0 mg/L	12:20:55
3	Ni 231.604	1218.3	1116.6	0.162 mg/L	0.162 mg/L	12:21:00
3	Pb 220.353	8135.1	8112.9	4.33 mg/L	4.33 mg/L	12:21:00
3	Pb 217.000	5401.9	5397.5	6.51 mg/L	6.51 mg/L	12:21:00
3	Sb 206.836	41.0	14.0	0.018 mg/L	0.018 mg/L	12:21:00
3	Se 196.026	4.0	-8.9	-0.017 mg/L	-0.017 mg/L	12:21:00
3	Se 203.985	2.0	56.5	0.066 mg/L	0.066 mg/L	12:21:00
3	Si 251.611	72795.1	72199.7	3.64 mg/L	3.64 mg/L	12:20:55
3	Ti 334.940	-9101.7	-8071.3	-0.046 mg/L	-0.046 mg/L	12:20:54
3	Tl 276.787	1996.6	1879.5	1.33 mg/L	1.33 mg/L	12:20:55
3	Tl 190.801	-58.0	-34.8	-0.087 mg/L	-0.087 mg/L	12:21:00
3	V 290.880	9837.7	-290.7	-0.043 mg/L	-0.043 mg/L	12:20:55
3	V 292.402	155.0	19.2	0.000 mg/L	0.000 mg/L	12:20:55
3	Zn 206.200	137707.9	137701.9	27.0 mg/L	27.0 mg/L	12:20:55
3	Zn 213.857	664646.1	664358.6	22.0 mg/L	22.0 mg/L	12:20:54

Mean Data: M02070406-13A

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-1884.0	-0.009	mg/L	0.0004	-0.009	mg/L	0.0004	4.65%
Ag 338.289	6305.4	0.160	mg/L	0.0040	0.160	mg/L	0.0040	2.50%
Al 308.215	23052.4	1.73	mg/L	0.075	1.73	mg/L	0.075	4.32%
Al 396.153	-7165.2	-4.77	mg/L	0.213	-4.77	mg/L	0.213	4.47%
As 188.979	-11.5	-0.019	mg/L	0.0226	-0.019	mg/L	0.0226	118.83%

As 193.696	-35.4	-0.038 mg/L	0.0170	-0.038 mg/L	0.0170	45.35%
B 182.528	39.9	0.107 mg/L	0.0347	0.107 mg/L	0.0347	32.39%
B 249.677	3025.6	0.144 mg/L	0.0019	0.144 mg/L	0.0019	1.35[illegible]
Ba 233.527	8062.4	0.758 mg/L	0.0095	0.758 mg/L	0.0095	1.2[illegible]
Be 313.107	-11596.5	-0.024 mg/L	0.0006	-0.024 mg/L	0.0006	2.67%
Be 234.861	-455.1	-0.013 mg/L	0.0001	-0.013 mg/L	0.0001	0.88%
Ca 317.933	57074006.7	3030 mg/L	11.4	3030 mg/L	11.4	0.38%
Cd 228.802	4959.8	0.585 mg/L	0.0136	0.585 mg/L	0.0136	2.33%
Cd 214.440	3349.1	0.258 mg/L	0.0038	0.258 mg/L	0.0038	1.47%
Co 228.616	469.7	0.098 mg/L	0.0021	0.098 mg/L	0.0021	2.19%
Cr 205.560	62.9	0.010 mg/L	0.0012	0.010 mg/L	0.0012	11.67%
Cr 267.716	177.4	0.009 mg/L	0.0015	0.009 mg/L	0.0015	17.28%
Cu 327.393	50375.5	0.305 mg/L	0.0132	0.305 mg/L	0.0132	4.32%
Cu 324.752	107686.3	0.342 mg/L	0.0158	0.342 mg/L	0.0158	4.62%
Fe 273.955	1126.9	0.345 mg/L	0.0047	0.345 mg/L	0.0047	1.36%
Fe 259.939	6774.5	0.219 mg/L	0.0029	0.219 mg/L	0.0029	1.33%
Fe 238.204	4361.6	0.257 mg/L	0.0014	0.257 mg/L	0.0014	0.55%
K 766.490	309890.4	6.32 mg/L	0.099	6.32 mg/L	0.099	1.57%
K 404.721	7205.2	0.000 mg/L	0.0000	0.000 mg/L	0.0000	0.00%
Li 670.784	256005.0	0.228 mg/L	0.0028	0.228 mg/L	0.0028	1.23%
Mg 285.213	22845767.1	102 mg/L	0.7	102 mg/L	0.7	0.66%
Mn 257.610	264457.0	2.80 mg/L	0.027	2.80 mg/L	0.027	0.97%
Mo 202.031	-27.3	-0.007 mg/L	0.0018	-0.007 mg/L	0.0018	26.84%
Na 589.592	Saturated2					
Saturated in preshot (code 2)						
Na 330.237	62396.5	40.2 mg/L	1.01	40.2 mg/L	1.01	2.50%
Ni 231.604	1093.1	0.159 mg/L	0.0034	0.159 mg/L	0.0034	2.15%
Pb 220.353	7871.7	4.21 mg/L	0.118	4.21 mg/L	0.118	2.80%
Pb 217.000	5195.2	6.26 mg/L	0.218	6.26 mg/L	0.218	3.48%
Sb 206.836	9.2	0.015 mg/L	0.0042	0.015 mg/L	0.0042	28.70%
Se 196.026	-16.1	-0.027 mg/L	0.0102	-0.027 mg/L	0.0102	37.45%
Se 203.985	51.7	0.061 mg/L	0.0099	0.061 mg/L	0.0099	16.18%
Si 251.611	73271.6	3.69 mg/L	0.116	3.69 mg/L	0.116	3.14%
Ti 334.940	-8871.8	-0.051 mg/L	0.0063	-0.051 mg/L	0.0063	12.31%
Tl 276.787	1927.4	1.36 mg/L	0.065	1.36 mg/L	0.065	4.79%
Tl 190.801	-32.6	-0.079 mg/L	0.0290	-0.079 mg/L	0.0290	36.85[illegible]
V 290.880	-382.8	-0.047 mg/L	0.0055	-0.047 mg/L	0.0055	11.5[illegible]
V 292.402	7.4	0.000 mg/L	0.0006	0.000 mg/L	0.0006	136.86%
Zn 206.200	137737.5	27.0 mg/L	0.24	27.0 mg/L	0.24	0.90%
Zn 213.857	660508.6	21.8 mg/L	0.14	21.8 mg/L	0.14	0.65%

==========

Sequence No.: 38
Sample ID: M02070406-14A
Analyst:
Nebulizer Back Pressure: 343.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 37
Date Collected: 7/16/02 12:21:38 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070406-14A

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	Ag 328.068	-33478.1	-33295.1	-0.276	mg/L	-0.276	mg/L	12:23:29
1	Ag 338.289	8025.4	8054.3	0.202	mg/L	0.202	mg/L	12:23:35
1	Al 308.215	4381047.5	4344868.5	352	mg/L	352	mg/L	12:23:27
1	Al 396.153	Saturated2	Saturated2					12:23:35
Saturated in preshot (code 2)								
1	As 188.979	5.2	-6.9	-0.011	mg/L	-0.011	mg/L	12:23:35
1	As 193.696	-152.6	-129.5	-0.166	mg/L	-0.166	mg/L	12:23:35
1	B 182.528	4.2	-2.0	-0.013	mg/L	-0.013	mg/L	12:23:35
1	B 249.677	-16050.4	-16883.1	-0.804	mg/L	-0.804	mg/L	12:23:29
1	Ba 233.527	57513.8	57583.6	5.44	mg/L	5.44	mg/L	12:23:29
1	Be 313.107	138943.5	-7632.4	-0.021	mg/L	-0.021	mg/L	12:23:29
1	Be 234.861	-725708.2	-725405.0	-2.59	mg/L	-2.59	mg/L	12:23:27
1	Ca 317.933	59714134.5	59714218.8	3170	mg/L	3170	mg/L	12:23:21
1	Cd 228.802	1498.7	1501.4	0.177	mg/L	0.177	mg/L	12:23:35
1	Cd 214.440	2075.4	1824.7	0.137	mg/L	0.137	mg/L	12:23:35
1	Co 228.616	1164.1	1281.3	0.255	mg/L	0.255	mg/L	12:23:
1	Cr 205.560	6527.8	6560.7	1.11	mg/L	1.11	mg/L	12:23:[illegible]
1	Cr 267.716	23115.0	22942.5	1.01	mg/L	1.01	mg/L	12:23:29
1	Cu 327.393	233065.4	245481.5	1.44	mg/L	1.44	mg/L	12:23:29
1	Cu 324.752	511529.4	496845.7	1.54	mg/L	1.54	mg/L	12:23:29

1	Fe 273.955	1190774.2	1190770.6	388 mg/L	388 mg/L	12:23:27
1	Fe 259.939	5449656.9	5449624.5	195 mg/L	195 mg/L	12:23:27
1	Fe 238.204	3034082.1	3033930.3	196 mg/L	196 mg/L	12:23:27
1	K 766.490	1572351.9	1571721.9	30.9 mg/L	30.9 mg/L	12:23:25
1	K 404.721	-354158.9	-340700.8	0.000 mg/L	0.000 mg/L	12:23:27
1	Li 670.784	1438942.2	1439448.7	1.17 mg/L	1.17 mg/L	12:23:21
1	Mg 285.213	19822206.4	19821418.8	88.7 mg/L	88.7 mg/L	12:23:25
1	Mn 257.610	600802.5	600852.2	6.37 mg/L	6.37 mg/L	12:23:29
1	Mo 202.031	-109.1	-130.0	-0.036 mg/L	-0.036 mg/L	12:23:35
1	Na 589.592	Saturated2	Saturated2			12:23:35
Saturated in preshot (code 2)						
1	Na 330.237	29471.5	30301.1	19.5 mg/L	19.5 mg/L	12:23:29
1	Ni 231.604	72452.5	72350.8	10.3 mg/L	10.3 mg/L	12:23:29
1	Pb 220.353	11746.8	11724.6	6.26 mg/L	6.26 mg/L	12:23:35
1	Pb 217.000	9707.3	9702.9	11.7 mg/L	11.7 mg/L	12:23:35
1	Sb 206.836	29.6	2.6	0.010 mg/L	0.010 mg/L	12:23:35
1	Se 196.026	-192.7	-205.5	-0.297 mg/L	-0.297 mg/L	12:23:35
1	Se 203.985	113.2	167.7	0.178 mg/L	0.178 mg/L	12:23:35
1	Si 251.611	609673.2	609077.7	30.8 mg/L	30.8 mg/L	12:23:27
1	Ti 334.940	-15881.1	-14850.6	-0.089 mg/L	-0.089 mg/L	12:23:27
1	Tl 276.787	-16728.2	-16845.3	-11.7 mg/L	-11.7 mg/L	12:23:29
1	Tl 190.801	-126.9	-103.7	-0.336 mg/L	-0.336 mg/L	12:23:35
1	V 290.880	12056.6	1928.1	0.066 mg/L	0.066 mg/L	12:23:29
1	V 292.402	19832.5	19696.6	0.463 mg/L	0.463 mg/L	12:23:35
1	Zn 206.200	48657.0	48651.0	9.52 mg/L	9.52 mg/L	12:23:29
1	Zn 213.857	411162.8	410875.3	13.6 mg/L	13.6 mg/L	12:23:29
2	Ag 328.068	-33166.2	-32983.2	-0.273 mg/L	-0.273 mg/L	12:23:46
2	Ag 338.289	8097.0	8126.0	0.204 mg/L	0.204 mg/L	12:23:52
2	Al 308.215	4495972.3	4459793.3	361 mg/L	361 mg/L	12:23:45
2	Al 396.153	Saturated2	Saturated2			12:23:52
Saturated in preshot (code 2)						
2	As 188.979	16.0	3.9	0.009 mg/L	0.009 mg/L	12:23:52
2	As 193.696	-166.2	-143.1	-0.185 mg/L	-0.185 mg/L	12:23:52
2	B 182.528	18.7	12.4	0.029 mg/L	0.029 mg/L	12:23:52
2	B 249.677	-15920.2	-16752.9	-0.798 mg/L	-0.798 mg/L	12:23:46
2	Ba 233.527	56845.2	56915.0	5.37 mg/L	5.37 mg/L	12:23:46
2	Be 313.107	139006.2	-7569.7	-0.021 mg/L	-0.021 mg/L	12:23:46
2	Be 234.861	-735482.8	-735179.5	-2.63 mg/L	-2.63 mg/L	12:23:45
2	Ca 317.933	59393987.7	59394072.0	3150 mg/L	3150 mg/L	12:23:39
2	Cd 228.802	1543.9	1546.6	0.182 mg/L	0.182 mg/L	12:23:52
2	Cd 214.440	2048.7	1798.0	0.135 mg/L	0.135 mg/L	12:23:52
2	Co 228.616	1157.4	1274.6	0.254 mg/L	0.254 mg/L	12:23:52
2	Cr 205.560	6583.3	6616.2	1.12 mg/L	1.12 mg/L	12:23:52
2	Cr 267.716	22533.0	22360.5	0.982 mg/L	0.982 mg/L	12:23:46
2	Cu 327.393	234634.3	247050.5	1.45 mg/L	1.45 mg/L	12:23:46
2	Cu 324.752	514408.8	499725.1	1.55 mg/L	1.55 mg/L	12:23:46
2	Fe 273.955	1199206.0	1199202.4	391 mg/L	391 mg/L	12:23:45
2	Fe 259.939	5457470.8	5457438.4	195 mg/L	195 mg/L	12:23:45
2	Fe 238.204	3025107.0	3024955.2	196 mg/L	196 mg/L	12:23:45
2	K 766.490	1724276.0	1723646.0	33.8 mg/L	33.8 mg/L	12:23:43
2	K 404.721	-365666.2	-352208.1	0.000 mg/L	0.000 mg/L	12:23:45
2	Li 670.784	1534549.6	1535056.1	1.25 mg/L	1.25 mg/L	12:23:39
2	Mg 285.213	19840404.5	19839616.9	88.8 mg/L	88.8 mg/L	12:23:43
2	Mn 257.610	593647.4	593697.1	6.29 mg/L	6.29 mg/L	12:23:46
2	Mo 202.031	-75.0	-95.9	-0.026 mg/L	-0.026 mg/L	12:23:52
2	Na 589.592	Saturated2	Saturated2			12:23:52
Saturated in preshot (code 2)						
2	Na 330.237	29068.3	29897.9	19.2 mg/L	19.2 mg/L	12:23:46
2	Ni 231.604	71313.4	71211.7	10.1 mg/L	10.1 mg/L	12:23:46
2	Pb 220.353	11708.7	11686.5	6.24 mg/L	6.24 mg/L	12:23:52
2	Pb 217.000	9886.0	9881.6	11.9 mg/L	11.9 mg/L	12:23:52
2	Sb 206.836	32.9	5.9	0.013 mg/L	0.013 mg/L	12:23:52
2	Se 196.026	-186.9	-199.7	-0.289 mg/L	-0.289 mg/L	12:23:52
2	Se 203.985	88.6	143.1	0.153 mg/L	0.153 mg/L	12:23:52
2	Si 251.611	629160.5	628565.0	31.8 mg/L	31.8 mg/L	12:23:45
2	Ti 334.940	-16206.1	-15175.6	-0.091 mg/L	-0.091 mg/L	12:23:45
2	Tl 276.787	-16949.0	-17066.1	-11.8 mg/L	-11.8 mg/L	12:23:46
2	Tl 190.801	-101.0	-77.8	-0.242 mg/L	-0.242 mg/L	12:23:52
2	V 290.880	12157.0	2028.6	0.071 mg/L	0.071 mg/L	12:23:46
2	V 292.402	20062.3	19926.4	0.468 mg/L	0.468 mg/L	12:23:52
2	Zn 206.200	47903.6	47897.6	9.37 mg/L	9.37 mg/L	12:23:46
2	Zn 213.857	407451.1	407163.6	13.4 mg/L	13.4 mg/L	12:23:46
3	Ag 328.068	-33080.2	-32897.2	-0.273 mg/L	-0.273 mg/L	12:24:03

3	Ag 338.289	8321.4	8350.3	0.210 mg/L	0.210 mg/L	12:24:10
3	Al 308.215	4632316.8	4596137.8	372 mg/L	372 mg/L	12:24:02
3	Al 396.153	Saturated2	Saturated2			12:24:1
Saturated in preshot (code 2)						
3	As 188.979	3.2	-8.9	-0.014 mg/L	-0.014 mg/L	12:24:10
3	As 193.696	-160.0	-136.9	-0.176 mg/L	-0.176 mg/L	12:24:10
3	B 182.528	35.4	29.1	0.076 mg/L	0.076 mg/L	12:24:10
3	B 249.677	-16671.1	-17503.7	-0.834 mg/L	-0.834 mg/L	12:24:03
3	Ba 233.527	58427.9	58497.7	5.52 mg/L	5.52 mg/L	12:24:03
3	Be 313.107	139340.7	-7235.2	-0.021 mg/L	-0.021 mg/L	12:24:03
3	Be 234.861	-735368.4	-735065.2	-2.63 mg/L	-2.63 mg/L	12:24:02
3	Ca 317.933	60431928.9	60432013.2	3200 mg/L	3200 mg/L	12:23:56
3	Cd 228.802	1595.5	1598.1	0.188 mg/L	0.188 mg/L	12:24:10
3	Cd 214.440	2099.7	1849.0	0.139 mg/L	0.139 mg/L	12:24:10
3	Co 228.616	1210.3	1327.5	0.264 mg/L	0.264 mg/L	12:24:10
3	Cr 205.560	6692.1	6725.0	1.14 mg/L	1.14 mg/L	12:24:10
3	Cr 267.716	22906.8	22734.3	0.998 mg/L	0.998 mg/L	12:24:03
3	Cu 327.393	244916.2	257332.4	1.51 mg/L	1.51 mg/L	12:24:03
3	Cu 324.752	539903.4	525219.8	1.63 mg/L	1.63 mg/L	12:24:03
3	Fe 273.955	1204117.4	1204113.7	392 mg/L	392 mg/L	12:24:02
3	Fe 259.939	5443109.7	5443077.3	195 mg/L	195 mg/L	12:24:02
3	Fe 238.204	3024543.4	3024391.6	196 mg/L	196 mg/L	12:24:02
3	K 766.490	1734348.1	1733718.0	34.0 mg/L	34.0 mg/L	12:24:00
3	K 404.721	-364608.5	-351150.3	0.000 mg/L	0.000 mg/L	12:24:02
3	Li 670.784	1510853.3	1511359.8	1.23 mg/L	1.23 mg/L	12:23:56
3	Mg 285.213	19902536.5	19901748.9	89.1 mg/L	89.1 mg/L	12:24:00
3	Mn 257.610	606190.9	606240.6	6.42 mg/L	6.42 mg/L	12:24:03
3	Mo 202.031	-126.7	-147.6	-0.041 mg/L	-0.041 mg/L	12:24:10
3	Na 589.592	Saturated2	Saturated2			12:24:10
Saturated in preshot (code 2)						
3	Na 330.237	30697.8	31527.5	20.3 mg/L	20.3 mg/L	12:24:03
3	Ni 231.604	72190.7	72088.9	10.3 mg/L	10.3 mg/L	12:24:03
3	Pb 220.353	11829.8	11807.7	6.30 mg/L	6.30 mg/L	12:24:10
3	Pb 217.000	10068.2	10063.8	12.1 mg/L	12.1 mg/L	12:24:10
3	Sb 206.836	25.9	-1.1	0.008 mg/L	0.008 mg/L	12:24:10
3	Se 196.026	-178.2	-191.0	-0.277 mg/L	-0.277 mg/L	12:24:1
3	Se 203.985	120.4	174.8	0.185 mg/L	0.185 mg/L	12:24:1
3	Si 251.611	668586.9	667991.4	33.7 mg/L	33.7 mg/L	12:24:02
3	Ti 334.940	-17177.7	-16147.2	-0.098 mg/L	-0.098 mg/L	12:24:02
3	Tl 276.787	-17500.0	-17617.2	-12.2 mg/L	-12.2 mg/L	12:24:03
3	Tl 190.801	-121.0	-97.8	-0.315 mg/L	-0.315 mg/L	12:24:10
3	V 290.880	12254.5	2126.0	0.076 mg/L	0.076 mg/L	12:24:03
3	V 292.402	20404.8	20268.9	0.476 mg/L	0.476 mg/L	12:24:10
3	Zn 206.200	48431.2	48425.2	9.47 mg/L	9.47 mg/L	12:24:03
3	Zn 213.857	417783.2	417495.7	13.8 mg/L	13.8 mg/L	12:24:03

Mean Data: M02070406-14A

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-33058.5	-0.274	mg/L	0.0018	-0.274	mg/L	0.0018	0.65%
Ag 338.289	8176.9	0.205	mg/L	0.0037	0.205	mg/L	0.0037	1.82%
Al 308.215	4466933.2	361	mg/L	10.2	361	mg/L	10.2	2.82%
Al 396.153	Saturated2							
Saturated in preshot (code 2)								
As 188.979	-4.0	-0.005	mg/L	0.0128	-0.005	mg/L	0.0128	249.95%
As 193.696	-136.5	-0.176	mg/L	0.0093	-0.176	mg/L	0.0093	5.30%
B 182.528	13.2	0.031	mg/L	0.0446	0.031	mg/L	0.0446	144.88%
B 249.677	-17046.6	-0.812	mg/L	0.0191	-0.812	mg/L	0.0191	2.35%
Ba 233.527	57665.5	5.44	mg/L	0.075	5.44	mg/L	0.075	1.38%
Be 313.107	-7479.1	-0.021	mg/L	0.0001	-0.021	mg/L	0.0001	0.70%
Be 234.861	-731883.3	-2.62	mg/L	0.020	-2.62	mg/L	0.020	0.76%
Ca 317.933	59846768.0	3170	mg/L	28.2	3170	mg/L	28.2	0.89%
Cd 228.802	1548.7	0.182	mg/L	0.0057	0.182	mg/L	0.0057	3.13%
Cd 214.440	1823.9	0.137	mg/L	0.0020	0.137	mg/L	0.0020	1.47%
Co 228.616	1294.5	0.258	mg/L	0.0056	0.258	mg/L	0.0056	2.16%
Cr 205.560	6634.0	1.13	mg/L	0.014	1.13	mg/L	0.014	1.26%
Cr 267.716	22679.1	0.996	mg/L	0.0129	0.996	mg/L	0.0129	1.30%
Cu 327.393	249954.8	1.47	mg/L	0.038	1.47	mg/L	0.038	2.5
Cu 324.752	507263.6	1.58	mg/L	0.048	1.58	mg/L	0.048	3.06%
Fe 273.955	1198028.9	390	mg/L	2.2	390	mg/L	2.2	0.56%
Fe 259.939	5450046.8	195	mg/L	0.3	195	mg/L	0.3	0.13%
Fe 238.204	3027759.0	196	mg/L	0.3	196	mg/L	0.3	0.18%

K 766.490	1676362.0	32.9 mg/L	1.77	32.9 mg/L	1.77	5.37%
K 404.721	-348019.7	0.000 mg/L	0.0000	0.000 mg/L	0.0000	0.00%
Li 670.784	1495288.2	1.22 mg/L	0.040	1.22 mg/L	0.040	3.27%
Mg 285.213	19854261.6	88.9 mg/L	0.19	88.9 mg/L	0.19	0.21%
Mn 257.610	600263.3	6.36 mg/L	0.067	6.36 mg/L	0.067	1.05%
Mo 202.031	-124.5	-0.035 mg/L	0.0076	-0.035 mg/L	0.0076	21.81%
Na 589.592	Saturated2					
Saturated in preshot (code 2)						
Na 330.237	30575.5	19.7 mg/L	0.55	19.7 mg/L	0.55	2.78%
Ni 231.604	71883.8	10.2 mg/L	0.08	10.2 mg/L	0.08	0.83%
Pb 220.353	11739.6	6.26 mg/L	0.033	6.26 mg/L	0.033	0.53%
Pb 217.000	9882.8	11.9 mg/L	0.22	11.9 mg/L	0.22	1.82%
Sb 206.836	2.5	0.010 mg/L	0.0023	0.010 mg/L	0.0023	22.22%
Se 196.026	-198.8	-0.288 mg/L	0.0104	-0.288 mg/L	0.0104	3.62%
Se 203.985	161.9	0.172 mg/L	0.0168	0.172 mg/L	0.0168	9.73%
Si 251.611	635211.4	32.1 mg/L	1.52	32.1 mg/L	1.52	4.73%
Ti 334.940	-15391.2	-0.093 mg/L	0.0043	-0.093 mg/L	0.0043	4.61%
Tl 276.787	-17176.2	-11.9 mg/L	0.28	-11.9 mg/L	0.28	2.32%
Tl 190.801	-93.1	-0.298 mg/L	0.0491	-0.298 mg/L	0.0491	16.50%
V 290.880	2027.6	0.071 mg/L	0.0049	0.071 mg/L	0.0049	6.83%
V 292.402	19964.0	0.469 mg/L	0.0068	0.469 mg/L	0.0068	1.44%
Zn 206.200	48324.6	9.45 mg/L	0.076	9.45 mg/L	0.076	0.80%
Zn 213.857	411844.9	13.6 mg/L	0.17	13.6 mg/L	0.17	1.28%

==========

Sequence No.: 39
Sample ID: M02070406-14A dup
Analyst:
Nebulizer Back Pressure: 343.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 38
Date Collected: 7/16/02 12:24:50 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: M02070406-14A dup

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	Ag 328.068	-34007.7	-33824.7	-0.281	mg/L	-0.281	mg/L	12:26:40
1	Ag 338.289	8245.2	8274.1	0.208	mg/L	0.208	mg/L	12:26:46
1	Al 308.215	4580552.6	4544373.6	368	mg/L	368	mg/L	12:26:38
1	Al 396.153	Saturated2	Saturated2					12:26:46
Saturated in preshot (code 2)								
1	As 188.979	24.7	12.6	0.026	mg/L	0.026	mg/L	12:26:46
1	As 193.696	-130.2	-107.1	-0.136	mg/L	-0.136	mg/L	12:26:46
1	B 182.528	30.6	24.3	0.063	mg/L	0.063	mg/L	12:26:46
1	B 249.677	-15674.5	-16507.2	-0.787	mg/L	-0.787	mg/L	12:26:40
1	Ba 233.527	58633.3	58703.1	5.54	mg/L	5.54	mg/L	12:26:40
1	Be 313.107	136733.5	-9842.4	-0.023	mg/L	-0.023	mg/L	12:26:40
1	Be 234.861	-737621.3	-737318.1	-2.64	mg/L	-2.64	mg/L	12:26:38
1	Ca 317.933	60519512.6	60519596.9	3210	mg/L	3210	mg/L	12:26:33
1	Cd 228.802	1565.0	1567.6	0.185	mg/L	0.185	mg/L	12:26:46
1	Cd 214.440	2105.1	1854.4	0.140	mg/L	0.140	mg/L	12:26:46
1	Co 228.616	1210.4	1327.6	0.264	mg/L	0.264	mg/L	12:26:46
1	Cr 205.560	6692.3	6725.2	1.14	mg/L	1.14	mg/L	12:26:46
1	Cr 267.716	23176.1	23003.6	1.01	mg/L	1.01	mg/L	12:26:40
1	Cu 327.393	234517.1	246933.3	1.45	mg/L	1.45	mg/L	12:26:40
1	Cu 324.752	518213.3	503529.7	1.56	mg/L	1.56	mg/L	12:26:40
1	Fe 273.955	1204067.7	1204064.0	392	mg/L	392	mg/L	12:26:38
1	Fe 259.939	5479516.9	5479484.5	196	mg/L	196	mg/L	12:26:38
1	Fe 238.204	3036631.3	3036479.5	197	mg/L	197	mg/L	12:26:38
1	K 766.490	1663186.8	1662556.8	32.6	mg/L	32.6	mg/L	12:26:33
1	K 404.721	-371520.8	-358062.7	0.000	mg/L	0.000	mg/L	12:26:38
1	Li 670.784	1458332.5	1458839.0	1.19	mg/L	1.19	mg/L	12:26:36
1	Mg 285.213	19970878.5	19970090.9	89.4	mg/L	89.4	mg/L	12:26:36
1	Mn 257.610	612160.9	612210.6	6.49	mg/L	6.49	mg/L	12:26:40
1	Mo 202.031	-112.3	-133.2	-0.037	mg/L	-0.037	mg/L	12:26:46
1	Na 589.592	Saturated2	Saturated2					12:26:46
Saturated in preshot (code 2)								
1	Na 330.237	29007.4	29837.1	19.2	mg/L	19.2	mg/L	12:26:40
1	Ni 231.604	71946.6	71844.9	10.2	mg/L	10.2	mg/L	12:26:40
1	Pb 220.353	11872.4	11850.3	6.32	mg/L	6.32	mg/L	12:26:46
1	Pb 217.000	10141.9	10137.5	12.2	mg/L	12.2	mg/L	12:26:46
1	Sb 206.836	33.4	6.4	0.013	mg/L	0.013	mg/L	12:26:46
1	Se 196.026	-204.1	-217.0	-0.314	mg/L	-0.314	mg/L	12:26:46

1	Se 203.985	102.8	157.3	0.168 mg/L	0.168 mg/L	12:26:46
1	Si 251.611	645701.8	645106.3	32.6 mg/L	32.6 mg/L	12:26:38
1	Ti 334.940	-15876.3	-14845.8	-0.089 mg/L	-0.089 mg/L	12:26:38
1	Tl 276.787	-17411.0	-17528.1	-12.2 mg/L	-12.2 mg/L	12:26:40
1	Tl 190.801	-94.1	-70.9	-0.217 mg/L	-0.217 mg/L	12:26:
1	V 290.880	11762.2	1633.8	0.052 mg/L	0.052 mg/L	12:26:
1	V 292.402	20371.3	20235.4	0.475 mg/L	0.475 mg/L	12:26:46
1	Zn 206.200	49155.0	49149.0	9.61 mg/L	9.61 mg/L	12:26:40
1	Zn 213.857	418595.5	418307.9	13.8 mg/L	13.8 mg/L	12:26:40
2	Ag 328.068	-34337.1	-34154.1	-0.283 mg/L	-0.283 mg/L	12:26:57
2	Ag 338.289	8465.1	8494.0	0.213 mg/L	0.213 mg/L	12:27:03
2	Al 308.215	4620372.3	4584193.3	371 mg/L	371 mg/L	12:26:56
2	Al 396.153	Saturated2	Saturated2			12:27:03
Saturated in preshot (code 2)						
2	As 188.979	20.0	7.9	0.017 mg/L	0.017 mg/L	12:27:03
2	As 193.696	-166.2	-143.0	-0.185 mg/L	-0.185 mg/L	12:27:03
2	B 182.528	-1.3	-7.5	-0.028 mg/L	-0.028 mg/L	12:27:03
2	B 249.677	-16127.8	-16960.5	-0.808 mg/L	-0.808 mg/L	12:26:57
2	Ba 233.527	58763.2	58833.1	5.55 mg/L	5.55 mg/L	12:26:57
2	Be 313.107	137658.1	-8917.8	-0.022 mg/L	-0.022 mg/L	12:26:57
2	Be 234.861	-742603.0	-742299.8	-2.65 mg/L	-2.65 mg/L	12:26:56
2	Ca 317.933	60934204.4	60934288.7	3230 mg/L	3230 mg/L	12:26:50
2	Cd 228.802	1591.4	1594.0	0.188 mg/L	0.188 mg/L	12:27:03
2	Cd 214.440	2140.3	1889.5	0.142 mg/L	0.142 mg/L	12:27:03
2	Co 228.616	1164.2	1281.4	0.255 mg/L	0.255 mg/L	12:27:03
2	Cr 205.560	6708.8	6741.7	1.15 mg/L	1.15 mg/L	12:27:03
2	Cr 267.716	23036.6	22864.1	1.00 mg/L	1.00 mg/L	12:26:57
2	Cu 327.393	240884.0	253300.2	1.49 mg/L	1.49 mg/L	12:26:57
2	Cu 324.752	531174.6	516491.0	1.60 mg/L	1.60 mg/L	12:26:57
2	Fe 273.955	1206329.7	1206326.1	393 mg/L	393 mg/L	12:26:56
2	Fe 259.939	5471108.3	5471075.9	196 mg/L	196 mg/L	12:26:56
2	Fe 238.204	3025431.3	3025279.5	196 mg/L	196 mg/L	12:26:56
2	K 766.490	1716402.1	1715772.0	33.7 mg/L	33.7 mg/L	12:26:50
2	K 404.721	-382147.2	-368689.1	0.000 mg/L	0.000 mg/L	12:26:56
2	Li 670.784	1509328.2	1509834.7	1.23 mg/L	1.23 mg/L	12:26:54
2	Mg 285.213	19937223.0	19936435.5	89.2 mg/L	89.2 mg/L	12:26:54
2	Mn 257.610	611585.6	611635.3	6.48 mg/L	6.48 mg/L	12:26:57
2	Mo 202.031	-84.6	-105.4	-0.029 mg/L	-0.029 mg/L	12:27:
2	Na 589.592	Saturated2	Saturated2			12:27:
Saturated in preshot (code 2)						
2	Na 330.237	29376.1	30205.7	19.4 mg/L	19.4 mg/L	12:26:57
2	Ni 231.604	72518.2	72416.4	10.3 mg/L	10.3 mg/L	12:26:57
2	Pb 220.353	11910.2	11888.1	6.34 mg/L	6.34 mg/L	12:27:03
2	Pb 217.000	10200.4	10196.0	12.3 mg/L	12.3 mg/L	12:27:03
2	Sb 206.836	38.5	11.5	0.016 mg/L	0.016 mg/L	12:27:03
2	Se 196.026	-204.4	-217.2	-0.314 mg/L	-0.314 mg/L	12:27:03
2	Se 203.985	138.4	192.9	0.203 mg/L	0.203 mg/L	12:27:03
2	Si 251.611	654052.9	653457.4	33.0 mg/L	33.0 mg/L	12:26:56
2	Ti 334.940	-16282.7	-15252.2	-0.092 mg/L	-0.092 mg/L	12:26:56
2	Tl 276.787	-17547.3	-17664.4	-12.3 mg/L	-12.3 mg/L	12:26:57
2	Tl 190.801	-109.1	-85.8	-0.272 mg/L	-0.272 mg/L	12:27:03
2	V 290.880	11994.3	1865.8	0.063 mg/L	0.063 mg/L	12:26:57
2	V 292.402	20571.2	20435.3	0.480 mg/L	0.480 mg/L	12:27:03
2	Zn 206.200	49061.4	49055.4	9.60 mg/L	9.60 mg/L	12:26:57
2	Zn 213.857	418956.2	418668.7	13.8 mg/L	13.8 mg/L	12:26:57
3	Ag 328.068	-35201.0	-35018.0	-0.291 mg/L	-0.291 mg/L	12:27:15
3	Ag 338.289	8463.4	8492.3	0.213 mg/L	0.213 mg/L	12:27:21
3	Al 308.215	4741259.3	4705080.3	381 mg/L	381 mg/L	12:27:13
3	Al 396.153	Saturated2	Saturated2			12:27:21
Saturated in preshot (code 2)						
3	As 188.979	39.4	27.3	0.053 mg/L	0.053 mg/L	12:27:21
3	As 193.696	-165.9	-142.8	-0.184 mg/L	-0.184 mg/L	12:27:21
3	B 182.528	11.2	5.0	0.007 mg/L	0.007 mg/L	12:27:21
3	B 249.677	-16973.6	-17806.3	-0.848 mg/L	-0.848 mg/L	12:27:15
3	Ba 233.527	60388.7	60458.5	5.71 mg/L	5.71 mg/L	12:27:15
3	Be 313.107	138244.5	-8331.4	-0.022 mg/L	-0.022 mg/L	12:27:15
3	Be 234.861	-745045.3	-744742.1	-2.66 mg/L	-2.66 mg/L	12:27:13
3	Ca 317.933	60255710.9	60255795.2	3190 mg/L	3190 mg/L	12:27:07
3	Cd 228.802	1634.9	1637.6	0.193 mg/L	0.193 mg/L	12:27:21
3	Cd 214.440	2114.6	1863.9	0.140 mg/L	0.140 mg/L	12:27:21
3	Co 228.616	1196.0	1313.2	0.261 mg/L	0.261 mg/L	12:27:2
3	Cr 205.560	6838.6	6871.5	1.17 mg/L	1.17 mg/L	12:27:21
3	Cr 267.716	23717.2	23544.7	1.03 mg/L	1.03 mg/L	12:27:15

3	Cu 327.393	249041.8	261458.0	1.54 mg/L	1.54 mg/L	12:27:15
3	Cu 324.752	546211.7	531528.0	1.65 mg/L	1.65 mg/L	12:27:15
3	Fe 273.955	1223486.1	1223482.5	398 mg/L	398 mg/L	12:27:13
3	Fe 259.939	5536923.6	5536891.2	198 mg/L	198 mg/L	12:27:13
3	Fe 238.204	3077211.7	3077059.9	199 mg/L	199 mg/L	12:27:13
3	K 766.490	1757977.2	1757347.2	34.5 mg/L	34.5 mg/L	12:27:07
3	K 404.721	-366073.6	-352615.5	0.000 mg/L	0.000 mg/L	12:27:13
3	Li 670.784	1530315.5	1530822.0	1.25 mg/L	1.25 mg/L	12:27:11
3	Mg 285.213	20062873.9	20062086.4	89.8 mg/L	89.8 mg/L	12:27:11
3	Mn 257.610	626714.8	626764.5	6.64 mg/L	6.64 mg/L	12:27:15
3	Mo 202.031	-126.5	-147.4	-0.041 mg/L	-0.041 mg/L	12:27:21
3	Na 589.592	Saturated2	Saturated2			12:27:21
Saturated in preshot (code 2)						
3	Na 330.237	30601.6	31431.3	20.2 mg/L	20.2 mg/L	12:27:15
3	Ni 231.604	74567.2	74465.5	10.6 mg/L	10.6 mg/L	12:27:15
3	Pb 220.353	11963.5	11941.3	6.37 mg/L	6.37 mg/L	12:27:21
3	Pb 217.000	10415.4	10411.1	12.5 mg/L	12.5 mg/L	12:27:21
3	Sb 206.836	23.6	-3.4	0.006 mg/L	0.006 mg/L	12:27:21
3	Se 196.026	-198.0	-210.9	-0.305 mg/L	-0.305 mg/L	12:27:21
3	Se 203.985	136.0	190.5	0.201 mg/L	0.201 mg/L	12:27:21
3	Si 251.611	693843.7	693248.2	35.0 mg/L	35.0 mg/L	12:27:13
3	Ti 334.940	-17790.5	-16760.0	-0.101 mg/L	-0.101 mg/L	12:27:13
3	Tl 276.787	-18033.9	-18151.0	-12.6 mg/L	-12.6 mg/L	12:27:15
3	Tl 190.801	-124.3	-101.1	-0.327 mg/L	-0.327 mg/L	12:27:21
3	V 290.880	12037.5	1909.0	0.066 mg/L	0.066 mg/L	12:27:15
3	V 292.402	20759.2	20623.3	0.484 mg/L	0.484 mg/L	12:27:21
3	Zn 206.200	50649.7	50643.7	9.91 mg/L	9.91 mg/L	12:27:15
3	Zn 213.857	429710.5	429423.0	14.2 mg/L	14.2 mg/L	12:27:15

Mean Data: M02070406-14A dup

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-34332.3	-0.285	mg/L	0.0052	-0.285	mg/L	0.0052	1.84%
Ag 338.289	8420.2	0.211	mg/L	0.0031	0.211	mg/L	0.0031	1.45%
Al 308.215	4611215.7	373	mg/L	6.8	373	mg/L	6.8	1.82%
Al 396.153	Saturated2							
Saturated in preshot (code 2)								
As 188.979	15.9	0.032	mg/L	0.0187	0.032	mg/L	0.0187	59.04%
As 193.696	-131.0	-0.168	mg/L	0.0283	-0.168	mg/L	0.0283	16.82%
B 182.528	7.3	0.014	mg/L	0.0459	0.014	mg/L	0.0459	330.93%
B 249.677	-17091.4	-0.814	mg/L	0.0314	-0.814	mg/L	0.0314	3.86%
Ba 233.527	59331.6	5.60	mg/L	0.092	5.60	mg/L	0.092	1.65%
Be 313.107	-9030.5	-0.022	mg/L	0.0005	-0.022	mg/L	0.0005	2.36%
Be 234.861	-741453.3	-2.65	mg/L	0.013	-2.65	mg/L	0.013	0.51%
Ca 317.933	60569893.6	3210	mg/L	18.1	3210	mg/L	18.1	0.56%
Cd 228.802	1599.7	0.188	mg/L	0.0042	0.188	mg/L	0.0042	2.21%
Cd 214.440	1869.3	0.141	mg/L	0.0014	0.141	mg/L	0.0014	1.02%
Co 228.616	1307.4	0.260	mg/L	0.0046	0.260	mg/L	0.0046	1.76%
Cr 205.560	6779.5	1.15	mg/L	0.014	1.15	mg/L	0.014	1.18%
Cr 267.716	23137.5	1.02	mg/L	0.016	1.02	mg/L	0.016	1.55%
Cu 327.393	253897.1	1.49	mg/L	0.042	1.49	mg/L	0.042	2.85%
Cu 324.752	517182.9	1.61	mg/L	0.043	1.61	mg/L	0.043	2.69%
Fe 273.955	1211290.9	394	mg/L	3.5	394	mg/L	3.5	0.88%
Fe 259.939	5495817.2	197	mg/L	1.3	197	mg/L	1.3	0.65%
Fe 238.204	3046272.9	197	mg/L	1.8	197	mg/L	1.8	0.89%
K 766.490	1711892.0	33.6	mg/L	0.92	33.6	mg/L	0.92	2.75%
K 404.721	-359789.1	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	1499831.9	1.22	mg/L	0.030	1.22	mg/L	0.030	2.42%
Mg 285.213	19989537.6	89.5	mg/L	0.29	89.5	mg/L	0.29	0.33%
Mn 257.610	616870.1	6.54	mg/L	0.091	6.54	mg/L	0.091	1.39%
Mo 202.031	-128.7	-0.036	mg/L	0.0061	-0.036	mg/L	0.0061	17.11%
Na 589.592	Saturated2							
Saturated in preshot (code 2)								
Na 330.237	30491.3	19.6	mg/L	0.54	19.6	mg/L	0.54	2.74%
Ni 231.604	72908.9	10.4	mg/L	0.20	10.4	mg/L	0.20	1.89%
Pb 220.353	11893.2	6.35	mg/L	0.024	6.35	mg/L	0.024	0.38%
Pb 217.000	10248.2	12.3	mg/L	0.17	12.3	mg/L	0.17	1.40%
Sb 206.836	4.8	0.012	mg/L	0.0050	0.012	mg/L	0.0050	41.88%
Se 196.026	-215.0	-0.311	mg/L	0.0051	-0.311	mg/L	0.0051	1.65%
Se 203.985	180.2	0.191	mg/L	0.0200	0.191	mg/L	0.0200	10.51%
Si 251.611	663937.3	33.5	mg/L	1.30	33.5	mg/L	1.30	3.88%
Ti 334.940	-15619.3	-0.094	mg/L	0.0064	-0.094	mg/L	0.0064	6.78%

Tl 276.787	-17781.2	-12.3 mg/L	0.23	-12.3 mg/L	0.23	1.85%
Tl 190.801	-85.9	-0.272 mg/L	0.0546	-0.272 mg/L	0.0546	20.08%
V 290.880	1802.9	0.060 mg/L	0.0073	0.060 mg/L	0.0073	12.09%
V 292.402	20431.4	0.480 mg/L	0.0046	0.480 mg/L	0.0046	0.95
Zn 206.200	49616.0	9.71 mg/L	0.175	9.71 mg/L	0.175	1.81%
Zn 213.857	422133.2	13.9 mg/L	0.21	13.9 mg/L	0.21	1.50%

Sequence No.: 40
Sample ID: icv/ccv
Analyst:
Nebulizer Back Pressure: 343.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 7/16/02 12:28:01 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: icv/ccv

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	Ag 328.068	115825.9	116008.9	0.993	mg/L	0.993	mg/L	12:29:45
1	Ag 338.289	40717.0	40746.0	0.994	mg/L	0.994	mg/L	12:29:45
1	Al 308.215	53118.2	16939.2	1.24	mg/L	1.24	mg/L	12:29:45
1	Al 396.153	2120.1	1984.8	1.38	mg/L	1.38	mg/L	12:29:45
1	As 188.979	514.7	502.5	0.934	mg/L	0.934	mg/L	12:29:50
1	As 193.696	659.2	682.4	0.945	mg/L	0.945	mg/L	12:29:50
1	B 182.528	320.5	314.2	0.892	mg/L	0.892	mg/L	12:29:50
1	B 249.677	20120.7	19288.0	0.919	mg/L	0.919	mg/L	12:29:45
1	Ba 233.527	10389.1	10458.9	0.984	mg/L	0.984	mg/L	12:29:50
1	Be 313.107	1628935.2	1482359.3	1.01	mg/L	1.01	mg/L	12:29:44
1	Be 234.861	278207.4	278510.6	0.980	mg/L	0.980	mg/L	12:29:45
1	Ca 317.933	276098.5	276182.7	14.7	mg/L	14.7	mg/L	12:29:45
1	Cd 228.802	8340.0	8342.6	0.983	mg/L	0.983	mg/L	12:29:50
1	Cd 214.440	12632.1	12381.4	0.974	mg/L	0.974	mg/L	12:29:50
1	Co 228.616	4906.7	5023.9	0.979	mg/L	0.979	mg/L	12:29:50
1	Cr 205.560	5687.6	5720.5	0.972	mg/L	0.972	mg/L	12:29:50
1	Cr 267.716	22999.4	22827.0	1.00	mg/L	1.00	mg/L	12:29:4[illegible]
1	Cu 327.393	154327.9	166744.1	0.984	mg/L	0.984	mg/L	12:29:[illegible]
1	Cu 324.752	326013.0	311329.4	0.971	mg/L	0.971	mg/L	12:29:45
1	Fe 273.955	5749.1	5745.4	1.85	mg/L	1.85	mg/L	12:29:50
1	Fe 259.939	51600.4	51568.1	1.82	mg/L	1.82	mg/L	12:29:45
1	Fe 238.204	29661.9	29510.1	1.89	mg/L	1.89	mg/L	12:29:45
1	K 766.490	463977.8	463347.7	9.30	mg/L	9.30	mg/L	12:29:44
1	K 404.721	-9176.5	4281.6	0.000	mg/L	0.000	mg/L	12:29:45
1	Li 670.784	1345906.5	1346412.9	1.10	mg/L	1.10	mg/L	12:29:42
1	Mg 285.213	325718.9	324931.4	1.41	mg/L	1.41	mg/L	12:29:45
1	Mn 257.610	94842.9	94892.6	1.00	mg/L	1.00	mg/L	12:29:45
1	Mo 202.031	3267.1	3246.2	0.935	mg/L	0.935	mg/L	12:29:50
1	Na 589.592	3153.4	3793.9	1.93	mg/L	1.93	mg/L	12:29:44
1	Na 330.237	744.8	1574.4	0.964	mg/L	0.964	mg/L	12:29:50
1	Ni 231.604	6983.5	6881.8	0.983	mg/L	0.983	mg/L	12:29:50
1	Pb 220.353	1796.0	1773.8	0.964	mg/L	0.964	mg/L	12:29:50
1	Pb 217.000	782.1	777.7	0.953	mg/L	0.953	mg/L	12:29:50
1	Sb 206.836	1425.8	1398.9	0.925	mg/L	0.925	mg/L	12:29:50
1	Se 196.026	690.5	677.6	0.961	mg/L	0.961	mg/L	12:29:50
1	Se 203.985	817.2	871.7	0.887	mg/L	0.887	mg/L	12:29:50
1	Si 251.611	26470.5	25875.0	1.29	mg/L	1.29	mg/L	12:29:45
1	Ti 334.940	151434.0	152464.5	0.971	mg/L	0.971	mg/L	12:29:45
1	Tl 276.787	1420.2	1303.1	0.929	mg/L	0.929	mg/L	12:29:50
1	Tl 190.801	214.4	237.6	0.899	mg/L	0.899	mg/L	12:29:50
1	V 290.880	31185.5	21057.0	1.01	mg/L	1.01	mg/L	12:29:45
1	V 292.402	42874.2	42738.3	1.00	mg/L	1.00	mg/L	12:29:45
1	Zn 206.200	5350.9	5344.9	1.00	mg/L	1.00	mg/L	12:29:50
1	Zn 213.857	32738.9	32451.4	1.03	mg/L	1.03	mg/L	12:29:45
2	Ag 328.068	115422.1	115605.1	0.990	mg/L	0.990	mg/L	12:29:55
2	Ag 338.289	40545.2	40574.1	0.990	mg/L	0.990	mg/L	12:29:55
2	Al 308.215	52893.9	16714.9	1.22	mg/L	1.22	mg/L	12:29:55
2	Al 396.153	2135.2	1999.9	1.39	mg/L	1.39	mg/L	12:29:55
2	As 188.979	528.6	516.5	0.960	mg/L	0.960	mg/L	12:30:00
2	As 193.696	679.9	703.0	0.973	mg/L	0.973	mg/L	12:30:[illegible]
2	B 182.528	325.8	319.6	0.907	mg/L	0.907	mg/L	12:30:0[illegible]
2	B 249.677	20345.6	19512.9	0.930	mg/L	0.930	mg/L	12:29:55
2	Ba 233.527	10433.6	10503.4	0.988	mg/L	0.988	mg/L	12:30:00
2	Be 313.107	1667649.5	1521073.6	1.03	mg/L	1.03	mg/L	12:29:53

2	Be 234.861	279921.1	280224.3	0.986 mg/L	0.986 mg/L	12:29:55
2	Ca 317.933	219369.0	219453.3	11.6 mg/L	11.6 mg/L	12:29:55
2	Cd 228.802	8385.8	8388.5	0.989 mg/L	0.989 mg/L	12:30:00
2	Cd 214.440	12722.8	12472.1	0.981 mg/L	0.981 mg/L	12:30:00
2	Co 228.616	4912.2	5029.4	0.980 mg/L	0.980 mg/L	12:30:00
2	Cr 205.560	5690.9	5723.8	0.972 mg/L	0.972 mg/L	12:30:00
2	Cr 267.716	22862.7	22690.2	0.996 mg/L	0.996 mg/L	12:29:55
2	Cu 327.393	154710.1	167126.3	0.986 mg/L	0.986 mg/L	12:29:55
2	Cu 324.752	326914.4	312230.7	0.973 mg/L	0.973 mg/L	12:29:55
2	Fe 273.955	5251.6	5248.0	1.69 mg/L	1.69 mg/L	12:30:00
2	Fe 259.939	47424.5	47392.1	1.67 mg/L	1.67 mg/L	12:29:55
2	Fe 238.204	27368.4	27216.5	1.74 mg/L	1.74 mg/L	12:29:55
2	K 766.490	476544.3	475914.3	9.55 mg/L	9.55 mg/L	12:29:53
2	K 404.721	-9105.8	4352.3	0.000 mg/L	0.000 mg/L	12:29:55
2	Li 670.784	1353292.1	1353798.5	1.10 mg/L	1.10 mg/L	12:29:52
2	Mg 285.213	311721.3	310933.8	1.35 mg/L	1.35 mg/L	12:29:55
2	Mn 257.610	94360.1	94409.7	1.000 mg/L	1.000 mg/L	12:29:55
2	Mo 202.031	3291.5	3270.6	0.942 mg/L	0.942 mg/L	12:30:00
2	Na 589.592	3356.0	3996.6	2.03 mg/L	2.03 mg/L	12:29:53
2	Na 330.237	781.2	1610.8	0.988 mg/L	0.988 mg/L	12:30:00
2	Ni 231.604	7000.6	6898.9	0.985 mg/L	0.985 mg/L	12:30:00
2	Pb 220.353	1770.5	1748.3	0.950 mg/L	0.950 mg/L	12:30:00
2	Pb 217.000	792.2	787.8	0.965 mg/L	0.965 mg/L	12:30:00
2	Sb 206.836	1453.8	1426.8	0.943 mg/L	0.943 mg/L	12:30:00
2	Se 196.026	698.2	685.4	0.972 mg/L	0.972 mg/L	12:30:00
2	Se 203.985	840.1	894.5	0.910 mg/L	0.910 mg/L	12:30:00
2	Si 251.611	27323.7	26728.2	1.34 mg/L	1.34 mg/L	12:29:55
2	Ti 334.940	151853.4	152883.9	0.973 mg/L	0.973 mg/L	12:29:55
2	Tl 276.787	1451.2	1334.0	0.951 mg/L	0.951 mg/L	12:30:00
2	Tl 190.801	226.6	249.8	0.943 mg/L	0.943 mg/L	12:30:00
2	V 290.880	31245.2	21116.8	1.01 mg/L	1.01 mg/L	12:29:55
2	V 292.402	42883.5	42747.6	1.00 mg/L	1.00 mg/L	12:29:55
2	Zn 206.200	5376.8	5370.7	1.01 mg/L	1.01 mg/L	12:30:00
2	Zn 213.857	32650.3	32362.8	1.02 mg/L	1.02 mg/L	12:29:55
3	Ag 328.068	113975.6	114158.5	0.978 mg/L	0.978 mg/L	12:30:04
3	Ag 338.289	40036.4	40065.4	0.978 mg/L	0.978 mg/L	12:30:04
3	Al 308.215	51665.8	15486.8	1.12 mg/L	1.12 mg/L	12:30:04
3	Al 396.153	1931.0	1795.7	1.25 mg/L	1.25 mg/L	12:30:04
3	As 188.979	527.4	515.2	0.957 mg/L	0.957 mg/L	12:30:10
3	As 193.696	676.6	699.7	0.968 mg/L	0.968 mg/L	12:30:10
3	B 182.528	336.3	330.0	0.937 mg/L	0.937 mg/L	12:30:10
3	B 249.677	20012.0	19179.3	0.914 mg/L	0.914 mg/L	12:30:04
3	Ba 233.527	10499.1	10569.0	0.994 mg/L	0.994 mg/L	12:30:10
3	Be 313.107	1637241.9	1490666.0	1.01 mg/L	1.01 mg/L	12:30:03
3	Be 234.861	277363.2	277666.4	0.977 mg/L	0.977 mg/L	12:30:04
3	Ca 317.933	166565.6	166649.9	8.85 mg/L	8.85 mg/L	12:30:04
3	Cd 228.802	8446.0	8448.6	0.996 mg/L	0.996 mg/L	12:30:10
3	Cd 214.440	12820.3	12569.6	0.989 mg/L	0.989 mg/L	12:30:10
3	Co 228.616	4941.8	5059.0	0.986 mg/L	0.986 mg/L	12:30:10
3	Cr 205.560	5717.9	5750.8	0.977 mg/L	0.977 mg/L	12:30:10
3	Cr 267.716	22619.9	22447.4	0.985 mg/L	0.985 mg/L	12:30:04
3	Cu 327.393	151981.1	164397.3	0.971 mg/L	0.971 mg/L	12:30:04
3	Cu 324.752	321313.0	306629.3	0.956 mg/L	0.956 mg/L	12:30:04
3	Fe 273.955	5006.3	5002.7	1.61 mg/L	1.61 mg/L	12:30:10
3	Fe 259.939	43392.1	43359.7	1.53 mg/L	1.53 mg/L	12:30:04
3	Fe 238.204	24800.8	24649.0	1.57 mg/L	1.57 mg/L	12:30:04
3	K 766.490	461919.6	461289.6	9.26 mg/L	9.26 mg/L	12:30:03
3	K 404.721	-9050.6	4407.5	0.000 mg/L	0.000 mg/L	12:30:04
3	Li 670.784	1371640.8	1372147.3	1.12 mg/L	1.12 mg/L	12:30:02
3	Mg 285.213	293097.4	292309.8	1.27 mg/L	1.27 mg/L	12:30:04
3	Mn 257.610	92947.0	92996.7	0.985 mg/L	0.985 mg/L	12:30:04
3	Mo 202.031	3335.8	3314.9	0.955 mg/L	0.955 mg/L	12:30:10
3	Na 589.592	3311.6	3952.1	2.01 mg/L	2.01 mg/L	12:30:03
3	Na 330.237	801.9	1631.6	1.00 mg/L	1.00 mg/L	12:30:10
3	Ni 231.604	7032.9	6931.2	0.990 mg/L	0.990 mg/L	12:30:10
3	Pb 220.353	1800.9	1778.8	0.966 mg/L	0.966 mg/L	12:30:10
3	Pb 217.000	780.3	775.9	0.950 mg/L	0.950 mg/L	12:30:10
3	Sb 206.836	1473.8	1446.8	0.956 mg/L	0.956 mg/L	12:30:10
3	Se 196.026	711.7	698.8	0.991 mg/L	0.991 mg/L	12:30:10
3	Se 203.985	854.9	909.4	0.925 mg/L	0.925 mg/L	12:30:10
3	Si 251.611	26666.9	26071.4	1.30 mg/L	1.30 mg/L	12:30:04
3	Ti 334.940	149136.1	150166.5	0.956 mg/L	0.956 mg/L	12:30:04
3	Tl 276.787	1465.0	1347.9	0.960 mg/L	0.960 mg/L	12:30:10

3	Tl 190.801	229.4	252.6	0.953 mg/L	0.953 mg/L	12:30:10
3	V 290.880	30855.7	20727.2	0.993 mg/L	0.993 mg/L	12:30:04
3	V 292.402	42199.8	42063.9	0.989 mg/L	0.989 mg/L	12:30:0[illegible]
3	Zn 206.200	5391.9	5385.9	1.01 mg/L	1.01 mg/L	12:30:[illegible]
3	Zn 213.857	32127.8	31840.3	1.01 mg/L	1.01 mg/L	12:30:04

Mean Data: icv/ccv

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	115257.5	0.987	mg/L	0.0083	0.987	mg/L	0.0083	0.84%
QC value within limits for Ag 328.068 Recovery = 98.70%								
Ag 338.289	40461.8	0.987	mg/L	0.0086	0.987	mg/L	0.0086	0.87%
QC value within limits for Ag 338.289 Recovery = 98.72%								
Al 308.215	16380.3	1.19	mg/L	0.063	1.19	mg/L	0.063	5.32%
QC value greater than the upper limit for Al 308.215 Recovery = 119.04%								
Al 396.153	1926.8	1.34	mg/L	0.076	1.34	mg/L	0.076	5.71%
QC value greater than the upper limit for Al 396.153 Recovery = 133.79%								
As 188.979	511.4	0.950	mg/L	0.0143	0.950	mg/L	0.0143	1.50%
QC value within limits for As 188.979 Recovery = 95.03%								
As 193.696	695.0	0.962	mg/L	0.0152	0.962	mg/L	0.0152	1.58%
QC value within limits for As 193.696 Recovery = 96.19%								
B 182.528	321.3	0.912	mg/L	0.0230	0.912	mg/L	0.0230	2.52%
QC value within limits for B 182.528 Recovery = 91.18%								
B 249.677	19326.7	0.921	mg/L	0.0081	0.921	mg/L	0.0081	0.88%
QC value within limits for B 249.677 Recovery = 92.08%								
Ba 233.527	10510.4	0.989	mg/L	0.0052	0.989	mg/L	0.0052	0.53%
QC value within limits for Ba 233.527 Recovery = 98.89%								
Be 313.107	1498033.0	1.02	mg/L	0.014	1.02	mg/L	0.014	1.38%
QC value within limits for Be 313.107 Recovery = 101.60%								
Be 234.861	278800.4	0.981	mg/L	0.0046	0.981	mg/L	0.0046	0.47%
QC value within limits for Be 234.861 Recovery = 98.08%								
Ca 317.933	220762.0	11.7	mg/L	2.90	11.7	mg/L	2.90	24.79%
QC value greater than the upper limit for Ca 317.933 Recovery = 1171.77%								
Cd 228.802	8393.2	0.989	mg/L	0.0063	0.989	mg/L	0.0063	0.63%
QC value within limits for Cd 228.802 Recovery = 98.94%								
Cd 214.440	12474.4	0.981	mg/L	0.0075	0.981	mg/L	0.0075	0.76
QC value within limits for Cd 214.440 Recovery = 98.11%								
Co 228.616	5037.4	0.982	mg/L	0.0037	0.982	mg/L	0.0037	0.37%
QC value within limits for Co 228.616 Recovery = 98.15%								
Cr 205.560	5731.7	0.974	mg/L	0.0028	0.974	mg/L	0.0028	0.29%
QC value within limits for Cr 205.560 Recovery = 97.35%								
Cr 267.716	22654.9	0.995	mg/L	0.0084	0.995	mg/L	0.0084	0.85%
QC value within limits for Cr 267.716 Recovery = 99.46%								
Cu 327.393	166089.2	0.980	mg/L	0.0086	0.980	mg/L	0.0086	0.88%
QC value within limits for Cu 327.393 Recovery = 98.04%								
Cu 324.752	310063.1	0.967	mg/L	0.0093	0.967	mg/L	0.0093	0.96%
QC value within limits for Cu 324.752 Recovery = 96.67%								
Fe 273.955	5332.0	1.72	mg/L	0.123	1.72	mg/L	0.123	7.19%
QC value greater than the upper limit for Fe 273.955 Recovery = 171.51%								
Fe 259.939	47440.0	1.68	mg/L	0.147	1.68	mg/L	0.147	8.77%
QC value greater than the upper limit for Fe 259.939 Recovery = 167.61%								
Fe 238.204	27125.2	1.73	mg/L	0.157	1.73	mg/L	0.157	9.09%
QC value greater than the upper limit for Fe 238.204 Recovery = 173.09%								
K 766.490	466850.6	9.37	mg/L	0.154	9.37	mg/L	0.154	1.64%
QC value within limits for K 766.490 Recovery = 93.71%								
K 404.721	4347.1	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
QC value less than the lower limit for K 404.721 Recovery = 0.00%								
Li 670.784	1357452.9	1.11	mg/L	0.011	1.11	mg/L	0.011	0.96%
QC value greater than the upper limit for Li 670.784 Recovery = 110.77%								
Mg 285.213	309391.6	1.34	mg/L	0.073	1.34	mg/L	0.073	5.46%
QC value greater than the upper limit for Mg 285.213 Recovery = 134.19%								
Mn 257.610	94099.7	0.996	mg/L	0.0104	0.996	mg/L	0.0104	1.05%
QC value within limits for Mn 257.610 Recovery = 99.63%								
Mo 202.031	3277.2	0.944	mg/L	0.0100	0.944	mg/L	0.0100	1.06%
QC value within limits for Mo 202.031 Recovery = 94.38%								
Na 589.592	3914.2	1.99	mg/L	0.053	1.99	mg/L	0.053	2.67%
QC value greater than the upper limit for Na 589.592 Recovery = 198.68%								
Na 330.237	1605.6	0.984	mg/L	0.0187	0.984	mg/L	0.0187	1.90
QC value within limits for Na 330.237 Recovery = 98.43%								
Ni 231.604	6904.0	0.986	mg/L	0.0036	0.986	mg/L	0.0036	0.36%
QC value within limits for Ni 231.604 Recovery = 98.57%								
Pb 220.353	1767.0	0.960	mg/L	0.0087	0.960	mg/L	0.0087	0.90%

```
   QC value within limits for Pb 220.353  Recovery = 96.00%
Pb 217.000              780.5       0.956 mg/L        0.0077       0.956 mg/L        0.0077   0.80%
   QC value within limits for Pb 217.000  Recovery = 95.59%
Sb 206.836             1424.1       0.942 mg/L        0.0158       0.942 mg/L        0.0158   1.67%
   QC value within limits for Sb 206.836  Recovery = 94.15%
Se 196.026              687.3       0.975 mg/L        0.0153       0.975 mg/L        0.0153   1.57%
   QC value within limits for Se 196.026  Recovery = 97.46%
Se 203.985              891.9       0.907 mg/L        0.0191       0.907 mg/L        0.0191   2.11%
   QC value within limits for Se 203.985  Recovery = 90.73%
Si 251.611            26224.9        1.31 mg/L         0.023        1.31 mg/L         0.023   1.72%
   QC value greater than the upper limit for Si 251.611  Recovery = 262.43%
Ti 334.940           151838.3       0.967 mg/L        0.0093       0.967 mg/L        0.0093   0.96%
   QC value within limits for Ti 334.940  Recovery = 96.66%
Tl 276.787             1328.3       0.947 mg/L        0.0160       0.947 mg/L        0.0160   1.69%
   QC value within limits for Tl 276.787  Recovery = 94.67%
Tl 190.801              246.7       0.932 mg/L        0.0289       0.932 mg/L        0.0289   3.10%
   QC value within limits for Tl 190.801  Recovery = 93.17%
V 290.880             20967.0        1.00 mg/L         0.010        1.00 mg/L         0.010   1.03%
   QC value within limits for V 290.880  Recovery = 100.44%
V 292.402             42516.6       0.999 mg/L        0.0092       0.999 mg/L        0.0092   0.92%
   QC value within limits for V 292.402  Recovery = 99.94%
Zn 206.200             5367.2        1.01 mg/L         0.004        1.01 mg/L         0.004   0.40%
   QC value within limits for Zn 206.200  Recovery = 100.63%
Zn 213.857            32218.2        1.02 mg/L         0.011        1.02 mg/L         0.011   1.07%
   QC value within limits for Zn 213.857  Recovery = 101.97%
QC Failed.  Continue with analysis.
```

==========

Sequence No.: 41 | **Autosampler Location: 39**
Sample ID: M02070406-14A ms | **Date Collected: 7/16/02 12:30:50 PM**
Analyst:
Nebulizer Back Pressure: 343.0 kPa | **Nebulizer Flow: 0.85 L/min**
Sample Wt: | **Sample Prep Volume:**
Dilution: | **Data Type: Original**

Replicate Data: M02070406-14A ms

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	156471.0	156654.0	1.34	mg/L	1.34	mg/L	12:32:38
1	Ag 338.289	66003.6	66032.6	1.61	mg/L	1.61	mg/L	12:32:38
1	Al 308.215	2258714.9	2222535.9	180	mg/L	180	mg/L	12:32:37
1	Al 396.153	Saturated2	Saturated2					12:32:45
Saturated in preshot (code 2)								
1	As 188.979	517.6	505.5	0.939	mg/L	0.939	mg/L	12:32:45
1	As 193.696	592.7	615.9	0.854	mg/L	0.854	mg/L	12:32:45
1	B 182.528	382.2	376.0	1.07	mg/L	1.07	mg/L	12:32:45
1	B 249.677	16203.1	15370.4	0.732	mg/L	0.732	mg/L	12:32:38
1	Ba 233.527	41501.2	41571.0	3.92	mg/L	3.92	mg/L	12:32:45
1	Be 313.107	1036108.0	889532.1	0.597	mg/L	0.597	mg/L	12:32:37
1	Be 234.861	-166478.6	-166175.4	-0.603	mg/L	-0.603	mg/L	12:32:38
1	Ca 317.933	52481303.3	52481387.6	2780	mg/L	2780	mg/L	12:32:32
1	Cd 228.802	13457.6	13460.2	1.59	mg/L	1.59	mg/L	12:32:45
1	Cd 214.440	11298.1	11047.4	0.868	mg/L	0.868	mg/L	12:32:45
1	Co 228.616	5973.5	6090.7	1.19	mg/L	1.19	mg/L	12:32:45
1	Cr 205.560	8977.3	9010.2	1.53	mg/L	1.53	mg/L	12:32:45
1	Cr 267.716	32143.4	31970.9	1.40	mg/L	1.40	mg/L	12:32:38
1	Cu 327.393	334368.7	346784.9	2.03	mg/L	2.03	mg/L	12:32:38
1	Cu 324.752	708846.7	694163.0	2.15	mg/L	2.15	mg/L	12:32:38
1	Fe 273.955	798838.5	798834.9	260	mg/L	260	mg/L	12:32:37
1	Fe 259.939	4111464.6	4111432.2	147	mg/L	147	mg/L	12:32:37
1	Fe 238.204	2346879.3	2346727.5	152	mg/L	152	mg/L	12:32:37
1	K 766.490	2148772.1	2148142.0	42.1	mg/L	42.1	mg/L	12:32:35
1	K 404.721	-166045.7	-152587.6	0.000	mg/L	0.000	mg/L	12:32:37
1	Li 670.784	Saturated2	Saturated2					12:32:45
Saturated in preshot (code 2)								
1	Mg 285.213	17495924.2	17495136.6	78.3	mg/L	78.3	mg/L	12:32:32
1	Mn 257.610	439679.2	439728.9	4.66	mg/L	4.66	mg/L	12:32:38
1	Mo 202.031	2778.1	2757.3	0.794	mg/L	0.794	mg/L	12:32:45
1	Na 589.592	Saturated2	Saturated2					12:32:45
Saturated in preshot (code 2)								
1	Na 330.237	19209.3	20038.9	12.9	mg/L	12.9	mg/L	12:32:45
1	Ni 231.604	55143.8	55042.0	7.84	mg/L	7.84	mg/L	12:32:38

1	Pb 220.353	9657.9	9635.8	5.14 mg/L	5.14 mg/L	12:32:45
1	Pb 217.000	5812.1	5807.7	7.00 mg/L	7.00 mg/L	12:32:45
1	Sb 206.836	1470.7	1443.7	0.954 mg/L	0.954 mg/L	12:32:45
1	Se 196.026	394.5	381.6	0.539 mg/L	0.539 mg/L	12:32:45
1	Se 203.985	676.1	730.5	0.745 mg/L	0.745 mg/L	12:32:[illegible]
1	Si 251.611	336809.0	336213.5	17.0 mg/L	17.0 mg/L	12:32:[illegible]
1	Ti 334.940	136862.4	137892.9	0.878 mg/L	0.878 mg/L	12:32:37
1	Tl 276.787	-5885.5	-6002.6	-4.15 mg/L	-4.15 mg/L	12:32:38
1	Tl 190.801	252.0	275.2	1.03 mg/L	1.03 mg/L	12:32:45
1	V 290.880	29178.0	19049.5	0.910 mg/L	0.910 mg/L	12:32:38
1	V 292.402	46309.4	46173.5	1.09 mg/L	1.09 mg/L	12:32:38
1	Zn 206.200	34864.2	34858.2	6.80 mg/L	6.80 mg/L	12:32:45
1	Zn 213.857	272250.4	271962.9	8.96 mg/L	8.96 mg/L	12:32:38
2	Ag 328.068	157643.3	157826.2	1.35 mg/L	1.35 mg/L	12:32:55
2	Ag 338.289	66881.4	66910.4	1.63 mg/L	1.63 mg/L	12:32:55
2	Al 308.215	2320380.5	2284201.5	185 mg/L	185 mg/L	12:32:53
2	Al 396.153	Saturated2	Saturated2			12:33:01
Saturated in preshot (code 2)						
2	As 188.979	510.6	498.5	0.926 mg/L	0.926 mg/L	12:33:01
2	As 193.696	592.0	615.1	0.853 mg/L	0.853 mg/L	12:33:01
2	B 182.528	378.8	372.6	1.06 mg/L	1.06 mg/L	12:33:01
2	B 249.677	16475.1	15642.4	0.745 mg/L	0.745 mg/L	12:32:55
2	Ba 233.527	41582.3	41652.1	3.93 mg/L	3.93 mg/L	12:33:01
2	Be 313.107	1040834.3	894258.4	0.600 mg/L	0.600 mg/L	12:32:53
2	Be 234.861	-159125.7	-158822.5	-0.577 mg/L	-0.577 mg/L	12:32:55
2	Ca 317.933	53067023.6	53067107.9	2810 mg/L	2810 mg/L	12:32:48
2	Cd 228.802	13603.6	13606.3	1.60 mg/L	1.60 mg/L	12:33:01
2	Cd 214.440	11330.0	11079.3	0.871 mg/L	0.871 mg/L	12:33:01
2	Co 228.616	6005.2	6122.4	1.19 mg/L	1.19 mg/L	12:33:01
2	Cr 205.560	9057.5	9090.4	1.54 mg/L	1.54 mg/L	12:33:01
2	Cr 267.716	31921.4	31748.9	1.39 mg/L	1.39 mg/L	12:32:55
2	Cu 327.393	344403.6	356819.8	2.09 mg/L	2.09 mg/L	12:32:55
2	Cu 324.752	732624.4	717940.7	2.23 mg/L	2.23 mg/L	12:32:55
2	Fe 273.955	807508.6	807505.0	263 mg/L	263 mg/L	12:32:53
2	Fe 259.939	4132174.9	4132142.6	148 mg/L	148 mg/L	12:32:53
2	Fe 238.204	2357119.7	2356967.9	153 mg/L	153 mg/L	12:32:53
2	K 766.490	2244243.6	2243613.6	43.9 mg/L	43.9 mg/L	12:32:51
2	K 404.721	-169227.8	-155769.7	0.000 mg/L	0.000 mg/L	12:32:5[illegible]
2	Li 670.784	Saturated2	Saturated2			12:33:0[illegible]
Saturated in preshot (code 2)						
2	Mg 285.213	17643389.5	17642601.9	79.0 mg/L	79.0 mg/L	12:32:48
2	Mn 257.610	438107.7	438157.4	4.64 mg/L	4.64 mg/L	12:32:55
2	Mo 202.031	2775.2	2754.3	0.793 mg/L	0.793 mg/L	12:33:01
2	Na 589.592	Saturated2	Saturated2			12:33:01
Saturated in preshot (code 2)						
2	Na 330.237	19242.5	20072.1	12.9 mg/L	12.9 mg/L	12:33:01
2	Ni 231.604	54927.9	54826.2	7.81 mg/L	7.81 mg/L	12:32:55
2	Pb 220.353	9720.0	9697.8	5.18 mg/L	5.18 mg/L	12:33:01
2	Pb 217.000	5814.1	5809.7	7.00 mg/L	7.00 mg/L	12:33:01
2	Sb 206.836	1524.6	1497.6	0.990 mg/L	0.990 mg/L	12:33:01
2	Se 196.026	431.4	418.5	0.592 mg/L	0.592 mg/L	12:33:01
2	Se 203.985	662.9	717.3	0.732 mg/L	0.732 mg/L	12:33:01
2	Si 251.611	347827.5	347232.0	17.5 mg/L	17.5 mg/L	12:32:55
2	Ti 334.940	139603.4	140633.8	0.896 mg/L	0.896 mg/L	12:32:53
2	Tl 276.787	-6052.5	-6169.6	-4.27 mg/L	-4.27 mg/L	12:32:55
2	Tl 190.801	258.2	281.4	1.06 mg/L	1.06 mg/L	12:33:01
2	V 290.880	29508.5	19380.1	0.926 mg/L	0.926 mg/L	12:32:55
2	V 292.402	46327.6	46191.7	1.09 mg/L	1.09 mg/L	12:32:55
2	Zn 206.200	35042.3	35036.3	6.84 mg/L	6.84 mg/L	12:33:01
2	Zn 213.857	272394.8	272107.3	8.96 mg/L	8.96 mg/L	12:32:55
3	Ag 328.068	155470.4	155653.4	1.33 mg/L	1.33 mg/L	12:33:11
3	Ag 338.289	65957.5	65986.5	1.61 mg/L	1.61 mg/L	12:33:11
3	Al 308.215	2331927.9	2295748.9	186 mg/L	186 mg/L	12:33:10
3	Al 396.153	Saturated2	Saturated2			12:33:17
Saturated in preshot (code 2)						
3	As 188.979	541.7	529.5	0.984 mg/L	0.984 mg/L	12:33:17
3	As 193.696	586.0	609.1	0.844 mg/L	0.844 mg/L	12:33:17
3	B 182.528	396.1	389.8	1.11 mg/L	1.11 mg/L	12:33:17
3	B 249.677	16845.4	16012.7	0.763 mg/L	0.763 mg/L	12:33:11
3	Ba 233.527	42077.3	42147.1	3.98 mg/L	3.98 mg/L	12:33:17
3	Be 313.107	1047432.9	900857.0	0.605 mg/L	0.605 mg/L	12:33:1[illegible]
3	Be 234.861	-161707.2	-161404.0	-0.586 mg/L	-0.586 mg/L	12:33:11
3	Ca 317.933	52624759.3	52624843.6	2790 mg/L	2790 mg/L	12:33:05

3	Cd 228.802	13904.4	13907.1	1.64 mg/L	1.64 mg/L	12:33:17
3	Cd 214.440	11425.9	11175.2	0.878 mg/L	0.878 mg/L	12:33:17
3	Co 228.616	6108.9	6226.1	1.21 mg/L	1.21 mg/L	12:33:17
3	Cr 205.560	9077.1	9110.0	1.55 mg/L	1.55 mg/L	12:33:17
3	Cr 267.716	32439.1	32266.6	1.42 mg/L	1.42 mg/L	12:33:11
3	Cu 327.393	352605.6	365021.8	2.14 mg/L	2.14 mg/L	12:33:11
3	Cu 324.752	748394.9	733711.3	2.27 mg/L	2.27 mg/L	12:33:11
3	Fe 273.955	814324.6	814321.0	265 mg/L	265 mg/L	12:33:10
3	Fe 259.939	4158525.2	4158492.8	149 mg/L	149 mg/L	12:33:10
3	Fe 238.204	2376805.5	2376653.7	154 mg/L	154 mg/L	12:33:10
3	K 766.490	2274855.4	2274225.4	44.5 mg/L	44.5 mg/L	12:33:08
3	K 404.721	-166315.6	-152857.5	0.000 mg/L	0.000 mg/L	12:33:10
3	Li 670.784	Saturated2	Saturated2			12:33:17
Saturated in preshot (code 2)						
3	Mg 285.213	17548421.6	17547634.0	78.5 mg/L	78.5 mg/L	12:33:05
3	Mn 257.610	443066.4	443116.1	4.70 mg/L	4.70 mg/L	12:33:11
3	Mo 202.031	2821.1	2800.3	0.807 mg/L	0.807 mg/L	12:33:17
3	Na 589.592	Saturated2	Saturated2			12:33:17
Saturated in preshot (code 2)						
3	Na 330.237	19901.6	20731.3	13.3 mg/L	13.3 mg/L	12:33:17
3	Ni 231.604	55727.9	55626.2	7.92 mg/L	7.92 mg/L	12:33:11
3	Pb 220.353	9841.4	9819.2	5.24 mg/L	5.24 mg/L	12:33:17
3	Pb 217.000	5993.2	5988.8	7.22 mg/L	7.22 mg/L	12:33:17
3	Sb 206.836	1576.8	1549.8	1.02 mg/L	1.02 mg/L	12:33:17
3	Se 196.026	421.8	408.9	0.578 mg/L	0.578 mg/L	12:33:17
3	Se 203.985	706.8	761.3	0.776 mg/L	0.776 mg/L	12:33:17
3	Si 251.611	360478.4	359882.9	18.2 mg/L	18.2 mg/L	12:33:11
3	Ti 334.940	139937.7	140968.1	0.898 mg/L	0.898 mg/L	12:33:10
3	Tl 276.787	-6105.5	-6222.7	-4.30 mg/L	-4.30 mg/L	12:33:11
3	Tl 190.801	262.8	286.0	1.07 mg/L	1.07 mg/L	12:33:17
3	V 290.880	29692.5	19564.1	0.935 mg/L	0.935 mg/L	12:33:11
3	V 292.402	46910.1	46774.2	1.10 mg/L	1.10 mg/L	12:33:11
3	Zn 206.200	35209.6	35203.6	6.87 mg/L	6.87 mg/L	12:33:17
3	Zn 213.857	275924.5	275636.9	9.08 mg/L	9.08 mg/L	12:33:11

Mean Data: M02070406-14A ms

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	156711.2	1.34	mg/L	0.009	1.34	mg/L	0.009	0.69%
Ag 338.289	66309.8	1.61	mg/L	0.013	1.61	mg/L	0.013	0.78%
Al 308.215	2267495.4	183	mg/L	3.2	183	mg/L	3.2	1.74%
Al 396.153	Saturated2							
Saturated in preshot (code 2)								
As 188.979	511.2	0.950	mg/L	0.0302	0.950	mg/L	0.0302	3.18%
As 193.696	613.4	0.850	mg/L	0.0051	0.850	mg/L	0.0051	0.60%
B 182.528	379.4	1.08	mg/L	0.026	1.08	mg/L	0.026	2.42%
B 249.677	15675.2	0.747	mg/L	0.0154	0.747	mg/L	0.0154	2.06%
Ba 233.527	41790.1	3.94	mg/L	0.029	3.94	mg/L	0.029	0.75%
Be 313.107	894882.5	0.600	mg/L	0.0039	0.600	mg/L	0.0039	0.65%
Be 234.861	-162133.9	-0.589	mg/L	0.0133	-0.589	mg/L	0.0133	2.26%
Ca 317.933	52724446.4	2800	mg/L	16.2	2800	mg/L	16.2	0.58%
Cd 228.802	13657.9	1.61	mg/L	0.027	1.61	mg/L	0.027	1.67%
Cd 214.440	11100.6	0.872	mg/L	0.0053	0.872	mg/L	0.0053	0.60%
Co 228.616	6146.4	1.20	mg/L	0.014	1.20	mg/L	0.014	1.15%
Cr 205.560	9070.2	1.54	mg/L	0.009	1.54	mg/L	0.009	0.58%
Cr 267.716	31995.5	1.40	mg/L	0.011	1.40	mg/L	0.011	0.81%
Cu 327.393	356208.8	2.09	mg/L	0.053	2.09	mg/L	0.053	2.55%
Cu 324.752	715271.7	2.22	mg/L	0.061	2.22	mg/L	0.061	2.77%
Fe 273.955	806887.0	263	mg/L	2.5	263	mg/L	2.5	0.96%
Fe 259.939	4134022.5	148	mg/L	0.8	148	mg/L	0.8	0.57%
Fe 238.204	2360116.4	153	mg/L	1.0	153	mg/L	1.0	0.64%
K 766.490	2221993.7	43.5	mg/L	1.28	43.5	mg/L	1.28	2.94%
K 404.721	-153738.3	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	Saturated2							
Saturated in preshot (code 2)								
Mg 285.213	17561790.8	78.6	mg/L	0.33	78.6	mg/L	0.33	0.43%
Mn 257.610	440334.1	4.67	mg/L	0.027	4.67	mg/L	0.027	0.58%
Mo 202.031	2770.6	0.798	mg/L	0.0074	0.798	mg/L	0.0074	0.93%
Na 589.592	Saturated2							
Saturated in preshot (code 2)								
Na 330.237	20280.8	13.0	mg/L	0.25	13.0	mg/L	0.25	1.93%
Ni 231.604	55164.8	7.85	mg/L	0.059	7.85	mg/L	0.059	0.75%

Pb 220.353	9717.6	5.19 mg/L	0.050	5.19 mg/L	0.050	0.96%
Pb 217.000	5868.8	7.07 mg/L	0.125	7.07 mg/L	0.125	1.77%
Sb 206.836	1497.0	0.989 mg/L	0.0347	0.989 mg/L	0.0347	3.51%
Se 196.026	403.0	0.570 mg/L	0.0273	0.570 mg/L	0.0273	4.79%
Se 203.985	736.4	0.751 mg/L	0.0227	0.751 mg/L	0.0227	3.03%
Si 251.611	347776.1	17.6 mg/L	0.60	17.6 mg/L	0.60	3.41%
Ti 334.940	139831.6	0.891 mg/L	0.0107	0.891 mg/L	0.0107	1.20%
Tl 276.787	-6131.6	-4.24 mg/L	0.080	-4.24 mg/L	0.080	1.88%
Tl 190.801	280.8	1.06 mg/L	0.020	1.06 mg/L	0.020	1.86%
V 290.880	19331.2	0.924 mg/L	0.0128	0.924 mg/L	0.0128	1.39%
V 292.402	46379.8	1.09 mg/L	0.008	1.09 mg/L	0.008	0.74%
Zn 206.200	35032.7	6.84 mg/L	0.034	6.84 mg/L	0.034	0.50%
Zn 213.857	273235.7	9.00 mg/L	0.069	9.00 mg/L	0.069	0.77%

Sequence No.: 42 **Autosampler Location: 40**
Sample ID: M02070406-14A msd **Date Collected: 7/16/02 12:33:55 PM**
Analyst:
Nebulizer Back Pressure: 343.0 kPa **Nebulizer Flow: 0.85 L/min**
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Replicate Data: M02070406-14A msd

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	146917.3	147100.3	1.26	mg/L	1.26	mg/L	12:35:43
1	Ag 338.289	63065.3	63094.2	1.54	mg/L	1.54	mg/L	12:35:43
1	Al 308.215	2290393.2	2254214.2	182	mg/L	182	mg/L	12:35:43
1	Al 396.153	Saturated2	Saturated2					12:35:49
Saturated in preshot (code 2)								
1	As 188.979	486.3	474.2	0.881	mg/L	0.881	mg/L	12:35:49
1	As 193.696	540.2	563.3	0.782	mg/L	0.782	mg/L	12:35:49
1	B 182.528	372.3	366.1	1.04	mg/L	1.04	mg/L	12:35:49
1	B 249.677	15446.1	14613.4	0.696	mg/L	0.696	mg/L	12:35:43
1	Ba 233.527	41635.5	41705.3	3.94	mg/L	3.94	mg/L	12:35:4[illegible]
1	Be 313.107	1015786.8	869210.9	0.583	mg/L	0.583	mg/L	12:35:[illegible]
1	Be 234.861	-191816.5	-191513.3	-0.693	mg/L	-0.693	mg/L	12:35:43
1	Ca 317.933	52958974.9	52959059.1	2810	mg/L	2810	mg/L	12:35:37
1	Cd 228.802	13068.5	13071.2	1.54	mg/L	1.54	mg/L	12:35:49
1	Cd 214.440	10855.9	10605.2	0.833	mg/L	0.833	mg/L	12:35:49
1	Co 228.616	5758.8	5876.0	1.14	mg/L	1.14	mg/L	12:35:49
1	Cr 205.560	8823.1	8856.0	1.50	mg/L	1.50	mg/L	12:35:49
1	Cr 267.716	32076.7	31904.2	1.40	mg/L	1.40	mg/L	12:35:43
1	Cu 327.393	335225.6	347641.8	2.04	mg/L	2.04	mg/L	12:35:43
1	Cu 324.752	718467.9	703784.3	2.18	mg/L	2.18	mg/L	12:35:43
1	Fe 273.955	815730.1	815726.5	266	mg/L	266	mg/L	12:35:43
1	Fe 259.939	4161299.1	4161266.7	149	mg/L	149	mg/L	12:35:43
1	Fe 238.204	2373961.3	2373809.5	154	mg/L	154	mg/L	12:35:43
1	K 766.490	2191472.4	2190842.3	42.9	mg/L	42.9	mg/L	12:35:40
1	K 404.721	-169698.2	-156240.0	0.000	mg/L	0.000	mg/L	12:35:43
1	Li 670.784	Saturated2	Saturated2					12:35:49
Saturated in preshot (code 2)								
1	Mg 285.213	17630288.5	17629500.9	78.9	mg/L	78.9	mg/L	12:35:37
1	Mn 257.610	452836.4	452886.1	4.80	mg/L	4.80	mg/L	12:35:43
1	Mo 202.031	2615.2	2594.3	0.747	mg/L	0.747	mg/L	12:35:49
1	Na 589.592	Saturated2	Saturated2					12:35:49
Saturated in preshot (code 2)								
1	Na 330.237	18885.0	19714.7	12.7	mg/L	12.7	mg/L	12:35:49
1	Ni 231.604	55683.2	55581.5	7.91	mg/L	7.91	mg/L	12:35:43
1	Pb 220.353	9668.9	9646.8	5.15	mg/L	5.15	mg/L	12:35:49
1	Pb 217.000	5885.2	5880.8	7.09	mg/L	7.09	mg/L	12:35:49
1	Sb 206.836	1450.1	1423.1	0.941	mg/L	0.941	mg/L	12:35:49
1	Se 196.026	386.3	373.5	0.528	mg/L	0.528	mg/L	12:35:49
1	Se 203.985	658.6	713.1	0.727	mg/L	0.727	mg/L	12:35:49
1	Si 251.611	352998.8	352403.3	17.8	mg/L	17.8	mg/L	12:35:43
1	Ti 334.940	133784.3	134814.8	0.859	mg/L	0.859	mg/L	12:35:43
1	Tl 276.787	-6405.7	-6522.8	-4.51	mg/L	-4.51	mg/L	12:35:43
1	Tl 190.801	232.4	255.7	0.964	mg/L	0.964	mg/L	12:35:[illegible]
1	V 290.880	28643.4	18514.9	0.884	mg/L	0.884	mg/L	12:35:49
1	V 292.402	45290.4	45154.5	1.06	mg/L	1.06	mg/L	12:35:43
1	Zn 206.200	34896.3	34890.3	6.81	mg/L	6.81	mg/L	12:35:49
1	Zn 213.857	279418.5	279131.0	9.20	mg/L	9.20	mg/L	12:35:43

2	Ag 328.068	152384.3	152567.3	1.30 mg/L	1.30 mg/L	12:35:58
2	Ag 338.289	65295.2	65324.1	1.59 mg/L	1.59 mg/L	12:35:58
2	Al 308.215	2374557.0	2338378.0	189 mg/L	189 mg/L	12:35:58
2	Al 396.153	Saturated2	Saturated2			12:36:04
Saturated in preshot (code 2)						
2	As 188.979	512.9	500.7	0.931 mg/L	0.931 mg/L	12:36:04
2	As 193.696	568.9	592.1	0.821 mg/L	0.821 mg/L	12:36:04
2	B 182.528	367.6	361.4	1.03 mg/L	1.03 mg/L	12:36:04
2	B 249.677	15842.8	15010.1	0.715 mg/L	0.715 mg/L	12:35:58
2	Ba 233.527	42250.7	42320.5	3.99 mg/L	3.99 mg/L	12:36:04
2	Be 313.107	993724.4	847148.5	0.568 mg/L	0.568 mg/L	12:35:58
2	Be 234.861	-184169.0	-183865.8	-0.666 mg/L	-0.666 mg/L	12:35:58
2	Ca 317.933	52920269.9	52920354.2	2810 mg/L	2810 mg/L	12:35:53
2	Cd 228.802	13351.0	13353.6	1.57 mg/L	1.57 mg/L	12:36:04
2	Cd 214.440	10912.8	10662.1	0.838 mg/L	0.838 mg/L	12:36:04
2	Co 228.616	5842.6	5959.7	1.16 mg/L	1.16 mg/L	12:36:04
2	Cr 205.560	8926.2	8959.1	1.52 mg/L	1.52 mg/L	12:36:04
2	Cr 267.716	31472.4	31299.9	1.37 mg/L	1.37 mg/L	12:35:58
2	Cu 327.393	350345.4	362761.6	2.13 mg/L	2.13 mg/L	12:35:58
2	Cu 324.752	748272.1	733588.4	2.27 mg/L	2.27 mg/L	12:35:58
2	Fe 273.955	809674.3	809670.7	264 mg/L	264 mg/L	12:35:58
2	Fe 259.939	4076601.9	4076569.5	146 mg/L	146 mg/L	12:35:58
2	Fe 238.204	2320834.5	2320682.7	150 mg/L	150 mg/L	12:35:58
2	K 766.490	2207946.0	2207316.0	43.2 mg/L	43.2 mg/L	12:35:56
2	K 404.721	-170650.1	-157192.0	0.000 mg/L	0.000 mg/L	12:35:58
2	Li 670.784	Saturated2	Saturated2			12:36:04
Saturated in preshot (code 2)						
2	Mg 285.213	17592868.4	17592080.9	78.7 mg/L	78.7 mg/L	12:35:53
2	Mn 257.610	445341.6	445391.3	4.72 mg/L	4.72 mg/L	12:35:58
2	Mo 202.031	2684.0	2663.1	0.767 mg/L	0.767 mg/L	12:36:04
2	Na 589.592	Saturated2	Saturated2			12:36:04
Saturated in preshot (code 2)						
2	Na 330.237	19200.9	20030.5	12.9 mg/L	12.9 mg/L	12:36:04
2	Ni 231.604	55561.7	55460.0	7.90 mg/L	7.90 mg/L	12:35:58
2	Pb 220.353	9827.6	9805.5	5.24 mg/L	5.24 mg/L	12:36:04
2	Pb 217.000	5952.1	5947.7	7.17 mg/L	7.17 mg/L	12:36:04
2	Sb 206.836	1483.9	1456.9	0.963 mg/L	0.963 mg/L	12:36:04
2	Se 196.026	407.2	394.3	0.557 mg/L	0.557 mg/L	12:36:04
2	Se 203.985	650.7	705.2	0.719 mg/L	0.719 mg/L	12:36:04
2	Si 251.611	369618.4	369022.9	18.6 mg/L	18.6 mg/L	12:35:58
2	Ti 334.940	135129.6	136160.1	0.867 mg/L	0.867 mg/L	12:35:58
2	Tl 276.787	-6051.6	-6168.7	-4.27 mg/L	-4.27 mg/L	12:35:58
2	Tl 190.801	230.1	253.3	0.956 mg/L	0.956 mg/L	12:36:04
2	V 290.880	28880.6	18752.2	0.895 mg/L	0.895 mg/L	12:35:58
2	V 292.402	45531.7	45395.8	1.07 mg/L	1.07 mg/L	12:35:58
2	Zn 206.200	35391.7	35385.6	6.91 mg/L	6.91 mg/L	12:36:04
2	Zn 213.857	278079.4	277791.9	9.15 mg/L	9.15 mg/L	12:35:58
3	Ag 328.068	157579.4	157762.3	1.35 mg/L	1.35 mg/L	12:36:13
3	Ag 338.289	67193.1	67222.0	1.64 mg/L	1.64 mg/L	12:36:13
3	Al 308.215	2324270.5	2288091.5	185 mg/L	185 mg/L	12:36:13
3	Al 396.153	Saturated2	Saturated2			12:36:19
Saturated in preshot (code 2)						
3	As 188.979	525.1	513.0	0.953 mg/L	0.953 mg/L	12:36:19
3	As 193.696	578.4	601.5	0.834 mg/L	0.834 mg/L	12:36:19
3	B 182.528	356.8	350.6	0.996 mg/L	0.996 mg/L	12:36:19
3	B 249.677	15645.7	14813.0	0.706 mg/L	0.706 mg/L	12:36:13
3	Ba 233.527	42238.3	42308.1	3.99 mg/L	3.99 mg/L	12:36:19
3	Be 313.107	1009096.9	862520.9	0.578 mg/L	0.578 mg/L	12:36:13
3	Be 234.861	-185394.5	-185091.3	-0.670 mg/L	-0.670 mg/L	12:36:13
3	Ca 317.933	53308667.8	53308752.1	2830 mg/L	2830 mg/L	12:36:08
3	Cd 228.802	13431.7	13434.3	1.58 mg/L	1.58 mg/L	12:36:19
3	Cd 214.440	10939.6	10688.8	0.840 mg/L	0.840 mg/L	12:36:19
3	Co 228.616	5863.5	5980.7	1.16 mg/L	1.16 mg/L	12:36:19
3	Cr 205.560	8906.6	8939.5	1.52 mg/L	1.52 mg/L	12:36:19
3	Cr 267.716	31824.9	31652.4	1.39 mg/L	1.39 mg/L	12:36:13
3	Cu 327.393	343175.7	355591.9	2.09 mg/L	2.09 mg/L	12:36:13
3	Cu 324.752	733597.8	718914.1	2.23 mg/L	2.23 mg/L	12:36:13
3	Fe 273.955	818734.1	818730.5	267 mg/L	267 mg/L	12:36:13
3	Fe 259.939	4141505.8	4141473.4	148 mg/L	148 mg/L	12:36:13
3	Fe 238.204	2371492.8	2371341.0	153 mg/L	153 mg/L	12:36:13
3	K 766.490	2262731.4	2262101.3	44.3 mg/L	44.3 mg/L	12:36:11
3	K 404.721	-169998.8	-156540.7	0.000 mg/L	0.000 mg/L	12:36:13
3	Li 670.784	Saturated2	Saturated2			12:36:19

Saturated in preshot (code 2)						
3	Mg 285.213	17691778.3	17690990.7	79.2 mg/L	79.2 mg/L	12:36:08
3	Mn 257.610	451643.2	451692.9	4.79 mg/L	4.79 mg/L	12:36:1[illegible]
3	Mo 202.031	2713.8	2693.0	0.776 mg/L	0.776 mg/L	12:36:[illegible]
3	Na 589.592	Saturated2	Saturated2			12:36:19
Saturated in preshot (code 2)						
3	Na 330.237	19416.3	20246.0	13.0 mg/L	13.0 mg/L	12:36:19
3	Ni 231.604	56069.3	55967.6	7.97 mg/L	7.97 mg/L	12:36:13
3	Pb 220.353	9861.6	9839.5	5.25 mg/L	5.25 mg/L	12:36:19
3	Pb 217.000	6049.7	6045.3	7.28 mg/L	7.28 mg/L	12:36:19
3	Sb 206.836	1479.6	1452.6	0.960 mg/L	0.960 mg/L	12:36:19
3	Se 196.026	386.9	374.0	0.528 mg/L	0.528 mg/L	12:36:19
3	Se 203.985	658.7	713.1	0.727 mg/L	0.727 mg/L	12:36:19
3	Si 251.611	366838.8	366243.3	18.5 mg/L	18.5 mg/L	12:36:13
3	Ti 334.940	133439.1	134469.6	0.857 mg/L	0.857 mg/L	12:36:13
3	Tl 276.787	-6310.0	-6427.1	-4.44 mg/L	-4.44 mg/L	12:36:13
3	Tl 190.801	220.4	243.6	0.921 mg/L	0.921 mg/L	12:36:19
3	V 290.880	28824.0	18695.6	0.892 mg/L	0.892 mg/L	12:36:13
3	V 292.402	45542.3	45406.4	1.07 mg/L	1.07 mg/L	12:36:13
3	Zn 206.200	35304.2	35298.2	6.89 mg/L	6.89 mg/L	12:36:19
3	Zn 213.857	280155.6	279868.0	9.22 mg/L	9.22 mg/L	12:36:13

Mean Data: M02070406-14A msd

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	152476.6	1.30	mg/L	0.045	1.30	mg/L	0.045	3.48%
Ag 338.289	65213.5	1.59	mg/L	0.050	1.59	mg/L	0.050	3.15%
Al 308.215	2293561.2	185	mg/L	3.4	185	mg/L	3.4	1.85%
Al 396.153	Saturated2							
Saturated in preshot (code 2)								
As 188.979	496.0	0.922	mg/L	0.0368	0.922	mg/L	0.0368	4.00%
As 193.696	585.6	0.812	mg/L	0.0272	0.812	mg/L	0.0272	3.35%
B 182.528	359.3	1.02	mg/L	0.023	1.02	mg/L	0.023	2.22%
B 249.677	14812.2	0.706	mg/L	0.0095	0.706	mg/L	0.0095	1.34%
Ba 233.527	42111.3	3.97	mg/L	0.033	3.97	mg/L	0.033	0.84[illegible]
Be 313.107	859626.8	0.576	mg/L	0.0078	0.576	mg/L	0.0078	1.3[illegible]
Be 234.861	-186823.5	-0.677	mg/L	0.0146	-0.677	mg/L	0.0146	2.16%
Ca 317.933	53062721.8	2810	mg/L	11.3	2810	mg/L	11.3	0.40%
Cd 228.802	13286.4	1.57	mg/L	0.022	1.57	mg/L	0.022	1.44%
Cd 214.440	10652.0	0.837	mg/L	0.0034	0.837	mg/L	0.0034	0.40%
Co 228.616	5938.8	1.16	mg/L	0.011	1.16	mg/L	0.011	0.93%
Cr 205.560	8918.2	1.52	mg/L	0.009	1.52	mg/L	0.009	0.61%
Cr 267.716	31618.8	1.39	mg/L	0.013	1.39	mg/L	0.013	0.96%
Cu 327.393	355331.8	2.08	mg/L	0.044	2.08	mg/L	0.044	2.12%
Cu 324.752	718762.3	2.23	mg/L	0.046	2.23	mg/L	0.046	2.06%
Fe 273.955	814709.2	265	mg/L	1.5	265	mg/L	1.5	0.57%
Fe 259.939	4126436.5	148	mg/L	1.6	148	mg/L	1.6	1.07%
Fe 238.204	2355277.7	152	mg/L	1.9	152	mg/L	1.9	1.27%
K 766.490	2220086.6	43.5	mg/L	0.73	43.5	mg/L	0.73	1.67%
K 404.721	-156657.6	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	Saturated2							
Saturated in preshot (code 2)								
Mg 285.213	17637524.1	78.9	mg/L	0.22	78.9	mg/L	0.22	0.28%
Mn 257.610	449990.1	4.77	mg/L	0.043	4.77	mg/L	0.043	0.90%
Mo 202.031	2650.1	0.763	mg/L	0.0146	0.763	mg/L	0.0146	1.91%
Na 589.592	Saturated2							
Saturated in preshot (code 2)								
Na 330.237	19997.1	12.9	mg/L	0.17	12.9	mg/L	0.17	1.34%
Ni 231.604	55669.7	7.93	mg/L	0.038	7.93	mg/L	0.038	0.48%
Pb 220.353	9763.9	5.21	mg/L	0.055	5.21	mg/L	0.055	1.05%
Pb 217.000	5957.9	7.18	mg/L	0.099	7.18	mg/L	0.099	1.38%
Sb 206.836	1444.2	0.955	mg/L	0.0121	0.955	mg/L	0.0121	1.26%
Se 196.026	380.6	0.538	mg/L	0.0169	0.538	mg/L	0.0169	3.15%
Se 203.985	710.5	0.725	mg/L	0.0046	0.725	mg/L	0.0046	0.63%
Si 251.611	362556.5	18.3	mg/L	0.45	18.3	mg/L	0.45	2.46%
Ti 334.940	135148.2	0.861	mg/L	0.0057	0.861	mg/L	0.0057	0.66%
Tl 276.787	-6372.9	-4.41	mg/L	0.127	-4.41	mg/L	0.127	2.89%
Tl 190.801	250.9	0.947	mg/L	0.0231	0.947	mg/L	0.0231	2.44[illegible]
V 290.880	18654.2	0.890	mg/L	0.0061	0.890	mg/L	0.0061	0.69[illegible]
V 292.402	45318.9	1.07	mg/L	0.003	1.07	mg/L	0.003	0.31%
Zn 206.200	35191.4	6.87	mg/L	0.052	6.87	mg/L	0.052	0.76%
Zn 213.857	278930.3	9.19	mg/L	0.035	9.19	mg/L	0.035	0.38%

Sequence No.: 43
Sample ID: ccb
Analyst:
Nebulizer Back Pressure: 344.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 41
Date Collected: 7/16/02 12:36:58 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: ccb

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Units	Sample Conc.	Units	Analysis Time
1	Ag 328.068	1856.3	2039.3	0.024	mg/L	0.024	mg/L	12:38:41
1	Ag 338.289	698.6	727.5	0.025	mg/L	0.025	mg/L	12:38:41
1	Al 308.215	40907.5	4728.5	0.247	mg/L	0.247	mg/L	12:38:36
1	Al 396.153	439.9	304.6	0.249	mg/L	0.249	mg/L	12:38:36
1	As 188.979	-6.1	-18.3	-0.032	mg/L	-0.032	mg/L	12:38:41
1	As 193.696	-15.7	7.4	0.021	mg/L	0.021	mg/L	12:38:41
1	B 182.528	8.3	2.1	-0.001	mg/L	-0.001	mg/L	12:38:41
1	B 249.677	1138.9	306.2	0.015	mg/L	0.015	mg/L	12:38:41
1	Ba 233.527	7.1	76.9	0.003	mg/L	0.003	mg/L	12:38:41
1	Be 313.107	157748.3	11172.4	-0.008	mg/L	-0.008	mg/L	12:38:36
1	Be 234.861	-586.9	-283.7	-0.013	mg/L	-0.013	mg/L	12:38:41
1	Ca 317.933	255301.2	255385.5	13.6	mg/L	13.6	mg/L	12:38:36
1	Cd 228.802	15.8	18.4	0.002	mg/L	0.002	mg/L	12:38:41
1	Cd 214.440	254.4	3.6	-0.007	mg/L	-0.007	mg/L	12:38:41
1	Co 228.616	-95.9	21.3	0.011	mg/L	0.011	mg/L	12:38:41
1	Cr 205.560	-22.2	10.7	0.001	mg/L	0.001	mg/L	12:38:41
1	Cr 267.716	211.6	39.2	0.003	mg/L	0.003	mg/L	12:38:41
1	Cu 327.393	-10944.3	1471.9	0.020	mg/L	0.020	mg/L	12:38:36
1	Cu 324.752	19724.0	5040.4	0.026	mg/L	0.026	mg/L	12:38:36
1	Fe 273.955	1436.4	1432.8	0.445	mg/L	0.445	mg/L	12:38:41
1	Fe 259.939	11567.5	11535.1	0.390	mg/L	0.390	mg/L	12:38:41
1	Fe 238.204	6905.2	6753.3	0.412	mg/L	0.412	mg/L	12:38:41
1	K 766.490	1592.3	962.3	0.308	mg/L	0.308	mg/L	12:38:36
1	K 404.721	-8487.0	4971.1	0.000	mg/L	0.000	mg/L	12:38:36
1	Li 670.784	4315.1	4821.6	0.027	mg/L	0.027	mg/L	12:38:36
1	Mg 285.213	78314.7	77527.1	0.304	mg/L	0.304	mg/L	12:38:36
1	Mn 257.610	850.0	899.7	0.008	mg/L	0.008	mg/L	12:38:41
1	Mo 202.031	34.3	13.4	0.005	mg/L	0.005	mg/L	12:38:41
1	Na 589.592	-202.4	438.1	0.257	mg/L	0.257	mg/L	12:38:36
1	Na 330.237	-924.0	-94.4	-0.113	mg/L	-0.113	mg/L	12:38:41
1	Ni 231.604	236.5	134.8	0.022	mg/L	0.022	mg/L	12:38:41
1	Pb 220.353	58.4	36.3	0.040	mg/L	0.040	mg/L	12:38:41
1	Pb 217.000	6.2	1.8	0.020	mg/L	0.020	mg/L	12:38:41
1	Sb 206.836	58.2	31.2	0.029	mg/L	0.029	mg/L	12:38:41
1	Se 196.026	20.5	7.6	0.006	mg/L	0.006	mg/L	12:38:41
1	Se 203.985	-112.0	-57.6	-0.049	mg/L	-0.049	mg/L	12:38:41
1	Si 251.611	3130.4	2534.9	0.115	mg/L	0.115	mg/L	12:38:41
1	Ti 334.940	-907.1	123.4	0.006	mg/L	0.006	mg/L	12:38:41
1	Tl 276.787	126.1	8.9	0.029	mg/L	0.029	mg/L	12:38:41
1	Tl 190.801	-21.7	1.5	0.045	mg/L	0.045	mg/L	12:38:41
1	V 290.880	10884.5	756.1	0.009	mg/L	0.009	mg/L	12:38:36
1	V 292.402	193.6	57.7	0.001	mg/L	0.001	mg/L	12:38:41
1	Zn 206.200	132.5	126.4	-0.024	mg/L	-0.024	mg/L	12:38:41
1	Zn 213.857	1172.0	884.5	-0.018	mg/L	-0.018	mg/L	12:38:41
2	Ag 328.068	1840.1	2023.1	0.024	mg/L	0.024	mg/L	12:38:48
2	Ag 338.289	720.3	749.3	0.026	mg/L	0.026	mg/L	12:38:48
2	Al 308.215	41046.7	4867.7	0.259	mg/L	0.259	mg/L	12:38:43
2	Al 396.153	399.0	263.7	0.221	mg/L	0.221	mg/L	12:38:43
2	As 188.979	12.0	-0.1	0.002	mg/L	0.002	mg/L	12:38:48
2	As 193.696	-17.6	5.5	0.018	mg/L	0.018	mg/L	12:38:48
2	B 182.528	14.0	7.7	0.015	mg/L	0.015	mg/L	12:38:48
2	B 249.677	1073.6	240.9	0.011	mg/L	0.011	mg/L	12:38:48
2	Ba 233.527	12.5	82.4	0.004	mg/L	0.004	mg/L	12:38:48
2	Be 313.107	158140.6	11564.7	-0.008	mg/L	-0.008	mg/L	12:38:43
2	Be 234.861	-525.8	-222.6	-0.012	mg/L	-0.012	mg/L	12:38:48
2	Ca 317.933	230335.9	230420.2	12.2	mg/L	12.2	mg/L	12:38:43
2	Cd 228.802	17.6	20.2	0.002	mg/L	0.002	mg/L	12:38:48
2	Cd 214.440	258.4	7.7	-0.007	mg/L	-0.007	mg/L	12:38:48
2	Co 228.616	-90.9	26.3	0.012	mg/L	0.012	mg/L	12:38:48
2	Cr 205.560	-11.9	21.0	0.003	mg/L	0.003	mg/L	12:38:48

2	Cr 267.716	181.1	8.6	0.001 mg/L	0.001 mg/L	12:38:48
2	Cu 327.393	-11261.0	1155.2	0.018 mg/L	0.018 mg/L	12:38:43
2	Cu 324.752	19719.6	5035.9	0.025 mg/L	0.025 mg/L	12:38:
2	Fe 273.955	1222.8	1219.2	0.376 mg/L	0.376 mg/L	12:38:
2	Fe 259.939	9740.8	9708.4	0.324 mg/L	0.324 mg/L	12:38:48
2	Fe 238.204	5803.2	5651.4	0.341 mg/L	0.341 mg/L	12:38:48
2	K 766.490	1696.5	1066.5	0.310 mg/L	0.310 mg/L	12:38:43
2	K 404.721	-8404.7	5053.4	0.000 mg/L	0.000 mg/L	12:38:43
2	Li 670.784	4066.1	4572.6	0.027 mg/L	0.027 mg/L	12:38:43
2	Mg 285.213	72480.3	71692.7	0.278 mg/L	0.278 mg/L	12:38:43
2	Mn 257.610	742.3	792.0	0.007 mg/L	0.007 mg/L	12:38:48
2	Mo 202.031	21.8	0.9	0.001 mg/L	0.001 mg/L	12:38:48
2	Na 589.592	-507.9	132.7	0.105 mg/L	0.105 mg/L	12:38:43
2	Na 330.237	-917.1	-87.5	-0.109 mg/L	-0.109 mg/L	12:38:48
2	Ni 231.604	229.6	127.8	0.021 mg/L	0.021 mg/L	12:38:48
2	Pb 220.353	28.9	6.8	0.024 mg/L	0.024 mg/L	12:38:48
2	Pb 217.000	2.1	-2.3	0.015 mg/L	0.015 mg/L	12:38:48
2	Sb 206.836	64.9	37.9	0.034 mg/L	0.034 mg/L	12:38:48
2	Se 196.026	14.2	1.4	-0.003 mg/L	-0.003 mg/L	12:38:48
2	Se 203.985	-86.7	-32.3	-0.023 mg/L	-0.023 mg/L	12:38:48
2	Si 251.611	3009.3	2413.8	0.109 mg/L	0.109 mg/L	12:38:48
2	Ti 334.940	-927.3	103.1	0.005 mg/L	0.005 mg/L	12:38:48
2	Tl 276.787	116.3	-0.9	0.023 mg/L	0.023 mg/L	12:38:48
2	Tl 190.801	-23.4	-0.2	0.039 mg/L	0.039 mg/L	12:38:48
2	V 290.880	11156.4	1028.0	0.022 mg/L	0.022 mg/L	12:38:43
2	V 292.402	187.1	51.2	0.001 mg/L	0.001 mg/L	12:38:48
2	Zn 206.200	155.2	149.1	-0.020 mg/L	-0.020 mg/L	12:38:48
2	Zn 213.857	1087.7	800.1	-0.021 mg/L	-0.021 mg/L	12:38:48
3	Ag 328.068	2267.4	2450.4	0.028 mg/L	0.028 mg/L	12:38:55
3	Ag 338.289	812.7	841.7	0.028 mg/L	0.028 mg/L	12:38:55
3	Al 308.215	41248.9	5069.9	0.275 mg/L	0.275 mg/L	12:38:49
3	Al 396.153	389.9	254.6	0.215 mg/L	0.215 mg/L	12:38:49
3	As 188.979	16.2	4.0	0.010 mg/L	0.010 mg/L	12:38:55
3	As 193.696	-14.7	8.4	0.022 mg/L	0.022 mg/L	12:38:55
3	B 182.528	22.1	15.8	0.038 mg/L	0.038 mg/L	12:38:55
3	B 249.677	1088.2	255.5	0.012 mg/L	0.012 mg/L	12:38:
3	Ba 233.527	-5.0	64.8	0.002 mg/L	0.002 mg/L	12:38:
3	Be 313.107	158898.3	12322.4	-0.008 mg/L	-0.008 mg/L	12:38:49
3	Be 234.861	-508.8	-205.6	-0.012 mg/L	-0.012 mg/L	12:38:55
3	Ca 317.933	234528.0	234612.3	12.5 mg/L	12.5 mg/L	12:38:49
3	Cd 228.802	17.3	20.0	0.002 mg/L	0.002 mg/L	12:38:55
3	Cd 214.440	248.7	-2.0	-0.008 mg/L	-0.008 mg/L	12:38:55
3	Co 228.616	-113.3	3.9	0.008 mg/L	0.008 mg/L	12:38:55
3	Cr 205.560	-14.0	18.9	0.003 mg/L	0.003 mg/L	12:38:55
3	Cr 267.716	231.2	58.8	0.003 mg/L	0.003 mg/L	12:38:55
3	Cu 327.393	-11306.9	1109.3	0.018 mg/L	0.018 mg/L	12:38:49
3	Cu 324.752	19590.1	4906.5	0.025 mg/L	0.025 mg/L	12:38:49
3	Fe 273.955	1112.9	1109.3	0.340 mg/L	0.340 mg/L	12:38:55
3	Fe 259.939	8812.6	8780.2	0.291 mg/L	0.291 mg/L	12:38:55
3	Fe 238.204	5298.6	5146.8	0.308 mg/L	0.308 mg/L	12:38:55
3	K 766.490	1670.9	1040.8	0.310 mg/L	0.310 mg/L	12:38:49
3	K 404.721	-8553.1	4905.0	0.000 mg/L	0.000 mg/L	12:38:49
3	Li 670.784	4157.0	4663.5	0.027 mg/L	0.027 mg/L	12:38:49
3	Mg 285.213	74368.6	73581.0	0.286 mg/L	0.286 mg/L	12:38:49
3	Mn 257.610	676.6	726.3	0.007 mg/L	0.007 mg/L	12:38:55
3	Mo 202.031	16.8	-4.0	0.000 mg/L	0.000 mg/L	12:38:55
3	Na 589.592	-315.9	324.6	0.201 mg/L	0.201 mg/L	12:38:49
3	Na 330.237	-919.8	-90.1	-0.110 mg/L	-0.110 mg/L	12:38:55
3	Ni 231.604	221.1	119.4	0.020 mg/L	0.020 mg/L	12:38:55
3	Pb 220.353	32.2	10.1	0.026 mg/L	0.026 mg/L	12:38:55
3	Pb 217.000	20.0	15.6	0.037 mg/L	0.037 mg/L	12:38:55
3	Sb 206.836	58.3	31.3	0.029 mg/L	0.029 mg/L	12:38:55
3	Se 196.026	7.9	-4.9	-0.011 mg/L	-0.011 mg/L	12:38:55
3	Se 203.985	-81.9	-27.4	-0.018 mg/L	-0.018 mg/L	12:38:55
3	Si 251.611	3483.6	2888.2	0.133 mg/L	0.133 mg/L	12:38:55
3	Ti 334.940	-961.7	68.8	0.005 mg/L	0.005 mg/L	12:38:55
3	Tl 276.787	135.4	18.3	0.036 mg/L	0.036 mg/L	12:38:55
3	Tl 190.801	-19.9	3.3	0.051 mg/L	0.051 mg/L	12:38:5
3	V 290.880	11257.0	1128.6	0.027 mg/L	0.027 mg/L	12:38:
3	V 292.402	194.2	58.3	0.001 mg/L	0.001 mg/L	12:38:55
3	Zn 206.200	136.2	130.2	-0.023 mg/L	-0.023 mg/L	12:38:55
3	Zn 213.857	1051.7	764.2	-0.022 mg/L	-0.022 mg/L	12:38:55

Mean Data: ccb

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	2170.9	0.025	mg/L	0.0021	0.025	mg/L	0.0021	8.08%
Ag 338.289	772.8	0.026	mg/L	0.0015	0.026	mg/L	0.0015	5.61%
Al 308.215	4888.7	0.260	mg/L	0.0139	0.260	mg/L	0.0139	5.34%
Al 396.153	274.3	0.228	mg/L	0.0179	0.228	mg/L	0.0179	7.83%
As 188.979	-4.8	-0.007	mg/L	0.0220	-0.007	mg/L	0.0220	331.23%
As 193.696	7.1	0.021	mg/L	0.0020	0.021	mg/L	0.0020	9.87%
B 182.528	8.6	0.018	mg/L	0.0198	0.018	mg/L	0.0198	112.55%
B 249.677	267.6	0.013	mg/L	0.0016	0.013	mg/L	0.0016	12.90%
Ba 233.527	74.7	0.003	mg/L	0.0008	0.003	mg/L	0.0008	26.14%
Be 313.107	11686.5	-0.008	mg/L	0.0004	-0.008	mg/L	0.0004	5.07%
Be 234.861	-237.3	-0.012	mg/L	0.0001	-0.012	mg/L	0.0001	1.18%
Ca 317.933	240139.3	12.7	mg/L	0.71	12.7	mg/L	0.71	5.56%
Cd 228.802	19.5	0.002	mg/L	0.0001	0.002	mg/L	0.0001	5.46%
Cd 214.440	3.1	-0.007	mg/L	0.0004	-0.007	mg/L	0.0004	5.43%
Co 228.616	17.2	0.011	mg/L	0.0023	0.011	mg/L	0.0023	21.59%
Cr 205.560	16.9	0.002	mg/L	0.0009	0.002	mg/L	0.0009	42.65%
Cr 267.716	35.5	0.002	mg/L	0.0011	0.002	mg/L	0.0011	45.41%
Cu 327.393	1245.5	0.019	mg/L	0.0012	0.019	mg/L	0.0012	6.13%
Cu 324.752	4994.3	0.025	mg/L	0.0002	0.025	mg/L	0.0002	0.93%
Fe 273.955	1253.7	0.387	mg/L	0.0536	0.387	mg/L	0.0536	13.85%
Fe 259.939	10007.9	0.335	mg/L	0.0502	0.335	mg/L	0.0502	14.99%
Fe 238.204	5850.5	0.354	mg/L	0.0532	0.354	mg/L	0.0532	15.03%
K 766.490	1023.2	0.310	mg/L	0.0011	0.310	mg/L	0.0011	0.34%
K 404.721	4976.5	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.00%
Li 670.784	4685.9	0.027	mg/L	0.0001	0.027	mg/L	0.0001	0.37%
Mg 285.213	74266.9	0.289	mg/L	0.0133	0.289	mg/L	0.0133	4.61%
Mn 257.610	806.0	0.007	mg/L	0.0009	0.007	mg/L	0.0009	12.41%
Mo 202.031	3.4	0.002	mg/L	0.0026	0.002	mg/L	0.0026	120.97%
Na 589.592	298.5	0.188	mg/L	0.0768	0.188	mg/L	0.0768	40.90%
Na 330.237	-90.7	-0.111	mg/L	0.0023	-0.111	mg/L	0.0023	2.04%
Ni 231.604	127.3	0.021	mg/L	0.0011	0.021	mg/L	0.0011	5.19%
Pb 220.353	17.7	0.030	mg/L	0.0086	0.030	mg/L	0.0086	28.96%
Pb 217.000	5.0	0.024	mg/L	0.0112	0.024	mg/L	0.0112	47.11%
Sb 206.836	33.4	0.031	mg/L	0.0025	0.031	mg/L	0.0025	8.18%
Se 196.026	1.3	-0.003	mg/L	0.0089	-0.003	mg/L	0.0089	351.95%
Se 203.985	-39.1	-0.030	mg/L	0.0163	-0.030	mg/L	0.0163	54.01%
Si 251.611	2612.3	0.119	mg/L	0.0125	0.119	mg/L	0.0125	10.47%
Ti 334.940	98.4	0.005	mg/L	0.0002	0.005	mg/L	0.0002	3.27%
Tl 276.787	8.8	0.029	mg/L	0.0066	0.029	mg/L	0.0066	22.67%
Tl 190.801	1.6	0.045	mg/L	0.0063	0.045	mg/L	0.0063	14.13%
V 290.880	970.9	0.019	mg/L	0.0095	0.019	mg/L	0.0095	49.13%
V 292.402	55.7	0.001	mg/L	0.0001	0.001	mg/L	0.0001	13.00%
Zn 206.200	135.3	-0.022	mg/L	0.0024	-0.022	mg/L	0.0024	10.72%
Zn 213.857	816.3	-0.020	mg/L	0.0020	-0.020	mg/L	0.0020	10.09%

Sequence No.: 44
Sample ID: icv/ccv
Analyst:
Nebulizer Back Pressure: 344.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 7/16/02 12:39:33 PM
Nebulizer Flow: 0.85 L/min
Sample Prep Volume:
Data Type: Original

Replicate Data: icv/ccv

Repl#	Analyte	Net Intensity	Corrected Intensity	Calib. Conc.	Calib. Units	Sample Conc.	Sample Units	Analysis Time
1	Ag 328.068	112909.6	113092.5	0.969	mg/L	0.969	mg/L	12:41:16
1	Ag 338.289	39604.4	39633.4	0.967	mg/L	0.967	mg/L	12:41:16
1	Al 308.215	50931.8	14752.8	1.06	mg/L	1.06	mg/L	12:41:16
1	Al 396.153	1750.0	1614.7	1.13	mg/L	1.13	mg/L	12:41:16
1	As 188.979	510.0	497.9	0.925	mg/L	0.925	mg/L	12:41:22
1	As 193.696	654.0	677.2	0.937	mg/L	0.937	mg/L	12:41:22
1	B 182.528	323.1	316.8	0.899	mg/L	0.899	mg/L	12:41:22
1	B 249.677	20224.2	19391.5	0.924	mg/L	0.924	mg/L	12:41:16
1	Ba 233.527	10077.5	10147.3	0.955	mg/L	0.955	mg/L	12:41:22
1	Be 313.107	1585579.9	1439004.0	0.975	mg/L	0.975	mg/L	12:41:15
1	Be 234.861	277699.6	278002.8	0.978	mg/L	0.978	mg/L	12:41:16
1	Ca 317.933	39819.5	39903.8	2.13	mg/L	2.13	mg/L	12:41:16

1	Cd 228.802	8113.1	8115.8	0.957 mg/L	0.957 mg/L	12:41:22
1	Cd 214.440	12233.5	11982.8	0.942 mg/L	0.942 mg/L	12:41:22
1	Co 228.616	4772.0	4889.2	0.953 mg/L	0.953 mg/L	12:41:2[illegible]
1	Cr 205.560	5453.9	5486.8	0.932 mg/L	0.932 mg/L	12:41:[illegible]
1	Cr 267.716	22279.8	22107.4	0.971 mg/L	0.971 mg/L	12:41:16
1	Cu 327.393	151371.4	163787.6	0.967 mg/L	0.967 mg/L	12:41:16
1	Cu 324.752	320073.8	305390.2	0.952 mg/L	0.952 mg/L	12:41:16
1	Fe 273.955	4048.7	4045.1	1.30 mg/L	1.30 mg/L	12:41:22
1	Fe 259.939	36415.2	36382.8	1.28 mg/L	1.28 mg/L	12:41:16
1	Fe 238.204	20904.9	20753.1	1.32 mg/L	1.32 mg/L	12:41:16
1	K 766.490	426850.6	426220.5	8.58 mg/L	8.58 mg/L	12:41:15
1	K 404.721	-8673.4	4784.7	0.000 mg/L	0.000 mg/L	12:41:16
1	Li 670.784	1262262.6	1262769.0	1.03 mg/L	1.03 mg/L	12:41:14
1	Mg 285.213	251880.0	251092.4	1.08 mg/L	1.08 mg/L	12:41:16
1	Mn 257.610	91271.3	91321.0	0.967 mg/L	0.967 mg/L	12:41:16
1	Mo 202.031	3197.4	3176.5	0.915 mg/L	0.915 mg/L	12:41:22
1	Na 589.592	3184.9	3825.5	1.94 mg/L	1.94 mg/L	12:41:15
1	Na 330.237	729.1	1558.7	0.954 mg/L	0.954 mg/L	12:41:22
1	Ni 231.604	6768.4	6666.7	0.952 mg/L	0.952 mg/L	12:41:22
1	Pb 220.353	1695.0	1672.9	0.910 mg/L	0.910 mg/L	12:41:22
1	Pb 217.000	757.0	752.6	0.922 mg/L	0.922 mg/L	12:41:22
1	Sb 206.836	1435.1	1408.1	0.931 mg/L	0.931 mg/L	12:41:22
1	Se 196.026	671.6	658.7	0.934 mg/L	0.934 mg/L	12:41:22
1	Se 203.985	840.1	894.6	0.910 mg/L	0.910 mg/L	12:41:22
1	Si 251.611	13366.0	12770.5	0.632 mg/L	0.632 mg/L	12:41:16
1	Ti 334.940	148600.0	149630.4	0.953 mg/L	0.953 mg/L	12:41:16
1	Tl 276.787	1391.7	1274.6	0.909 mg/L	0.909 mg/L	12:41:22
1	Tl 190.801	192.4	215.6	0.819 mg/L	0.819 mg/L	12:41:22
1	V 290.880	30930.1	20801.7	0.996 mg/L	0.996 mg/L	12:41:16
1	V 292.402	41819.5	41683.6	0.980 mg/L	0.980 mg/L	12:41:16
1	Zn 206.200	5091.7	5085.6	0.951 mg/L	0.951 mg/L	12:41:22
1	Zn 213.857	30983.2	30695.7	0.969 mg/L	0.969 mg/L	12:41:16
2	Ag 328.068	112581.1	112764.1	0.966 mg/L	0.966 mg/L	12:41:26
2	Ag 338.289	39782.9	39811.9	0.971 mg/L	0.971 mg/L	12:41:26
2	Al 308.215	51125.1	14946.1	1.07 mg/L	1.07 mg/L	12:41:26
2	Al 396.153	1808.6	1673.3	1.17 mg/L	1.17 mg/L	12:41:2[illegible]
2	As 188.979	503.2	491.1	0.913 mg/L	0.913 mg/L	12:41:[illegible]
2	As 193.696	653.7	676.9	0.937 mg/L	0.937 mg/L	12:41:31
2	B 182.528	320.8	314.6	0.893 mg/L	0.893 mg/L	12:41:31
2	B 249.677	20240.8	19408.1	0.925 mg/L	0.925 mg/L	12:41:26
2	Ba 233.527	10129.1	10199.0	0.959 mg/L	0.959 mg/L	12:41:31
2	Be 313.107	1639709.4	1493133.5	1.01 mg/L	1.01 mg/L	12:41:25
2	Be 234.861	276892.2	277195.4	0.975 mg/L	0.975 mg/L	12:41:26
2	Ca 317.933	36405.4	36489.7	1.95 mg/L	1.95 mg/L	12:41:26
2	Cd 228.802	8178.8	8181.5	0.964 mg/L	0.964 mg/L	12:41:31
2	Cd 214.440	12262.4	12011.7	0.944 mg/L	0.944 mg/L	12:41:31
2	Co 228.616	4798.1	4915.3	0.958 mg/L	0.958 mg/L	12:41:31
2	Cr 205.560	5462.1	5495.0	0.933 mg/L	0.933 mg/L	12:41:31
2	Cr 267.716	22415.5	22243.1	0.977 mg/L	0.977 mg/L	12:41:26
2	Cu 327.393	151075.8	163492.0	0.965 mg/L	0.965 mg/L	12:41:26
2	Cu 324.752	319857.9	305174.2	0.952 mg/L	0.952 mg/L	12:41:26
2	Fe 273.955	3983.6	3980.0	1.27 mg/L	1.27 mg/L	12:41:31
2	Fe 259.939	35570.2	35537.8	1.25 mg/L	1.25 mg/L	12:41:26
2	Fe 238.204	20227.0	20075.2	1.27 mg/L	1.27 mg/L	12:41:26
2	K 766.490	454404.6	453774.5	9.12 mg/L	9.12 mg/L	12:41:25
2	K 404.721	-8638.8	4819.3	0.000 mg/L	0.000 mg/L	12:41:26
2	Li 670.784	1306753.4	1307259.8	1.07 mg/L	1.07 mg/L	12:41:23
2	Mg 285.213	252062.9	251275.3	1.08 mg/L	1.08 mg/L	12:41:26
2	Mn 257.610	91252.8	91302.5	0.967 mg/L	0.967 mg/L	12:41:26
2	Mo 202.031	3202.3	3181.5	0.916 mg/L	0.916 mg/L	12:41:31
2	Na 589.592	3564.8	4205.4	2.13 mg/L	2.13 mg/L	12:41:25
2	Na 330.237	768.0	1597.7	0.979 mg/L	0.979 mg/L	12:41:31
2	Ni 231.604	6803.2	6701.5	0.957 mg/L	0.957 mg/L	12:41:31
2	Pb 220.353	1698.3	1676.2	0.912 mg/L	0.912 mg/L	12:41:31
2	Pb 217.000	751.4	747.0	0.916 mg/L	0.916 mg/L	12:41:31
2	Sb 206.836	1438.8	1411.8	0.933 mg/L	0.933 mg/L	12:41:31
2	Se 196.026	696.6	683.8	0.970 mg/L	0.970 mg/L	12:41:31
2	Se 203.985	837.9	892.3	0.908 mg/L	0.908 mg/L	12:41:31
2	Si 251.611	13427.7	12832.2	0.635 mg/L	0.635 mg/L	12:41:[illegible]
2	Ti 334.940	147984.9	149015.3	0.949 mg/L	0.949 mg/L	12:41:[illegible]
2	Tl 276.787	1413.0	1295.9	0.924 mg/L	0.924 mg/L	12:41:31
2	Tl 190.801	217.7	240.9	0.911 mg/L	0.911 mg/L	12:41:31
2	V 290.880	30851.5	20723.0	0.992 mg/L	0.992 mg/L	12:41:26

2	V 292.402	41668.1	41532.2	0.976 mg/L	0.976 mg/L	12:41:26
2	Zn 206.200	5106.6	5100.6	0.954 mg/L	0.954 mg/L	12:41:31
2	Zn 213.857	30818.3	30530.8	0.964 mg/L	0.964 mg/L	12:41:26
3	Ag 328.068	113107.2	113290.1	0.970 mg/L	0.970 mg/L	12:41:35
3	Ag 338.289	39682.1	39711.0	0.969 mg/L	0.969 mg/L	12:41:35
3	Al 308.215	50567.4	14388.4	1.03 mg/L	1.03 mg/L	12:41:35
3	Al 396.153	1812.5	1677.2	1.17 mg/L	1.17 mg/L	12:41:35
3	As 188.979	530.4	518.3	0.963 mg/L	0.963 mg/L	12:41:41
3	As 193.696	669.8	693.0	0.959 mg/L	0.959 mg/L	12:41:41
3	B 182.528	328.0	321.8	0.913 mg/L	0.913 mg/L	12:41:41
3	B 249.677	20407.8	19575.1	0.933 mg/L	0.933 mg/L	12:41:35
3	Ba 233.527	10263.2	10333.0	0.972 mg/L	0.972 mg/L	12:41:41
3	Be 313.107	1619242.7	1472666.8	0.999 mg/L	0.999 mg/L	12:41:34
3	Be 234.861	276701.4	277004.6	0.974 mg/L	0.974 mg/L	12:41:35
3	Ca 317.933	34956.8	35041.1	1.87 mg/L	1.87 mg/L	12:41:35
3	Cd 228.802	8274.1	8276.7	0.976 mg/L	0.976 mg/L	12:41:41
3	Cd 214.440	12461.4	12210.7	0.960 mg/L	0.960 mg/L	12:41:41
3	Co 228.616	4867.7	4984.9	0.971 mg/L	0.971 mg/L	12:41:41
3	Cr 205.560	5536.5	5569.4	0.946 mg/L	0.946 mg/L	12:41:41
3	Cr 267.716	22367.3	22194.9	0.974 mg/L	0.974 mg/L	12:41:35
3	Cu 327.393	150464.9	162881.1	0.962 mg/L	0.962 mg/L	12:41:35
3	Cu 324.752	317547.5	302863.8	0.944 mg/L	0.944 mg/L	12:41:35
3	Fe 273.955	3917.2	3913.6	1.25 mg/L	1.25 mg/L	12:41:41
3	Fe 259.939	34699.1	34666.7	1.22 mg/L	1.22 mg/L	12:41:35
3	Fe 238.204	19805.2	19653.4	1.25 mg/L	1.25 mg/L	12:41:35
3	K 766.490	453070.1	452440.1	9.09 mg/L	9.09 mg/L	12:41:34
3	K 404.721	-8602.0	4856.2	0.000 mg/L	0.000 mg/L	12:41:35
3	Li 670.784	1332850.5	1333357.0	1.09 mg/L	1.09 mg/L	12:41:33
3	Mg 285.213	251433.8	250646.2	1.08 mg/L	1.08 mg/L	12:41:35
3	Mn 257.610	91385.7	91435.4	0.968 mg/L	0.968 mg/L	12:41:35
3	Mo 202.031	3258.8	3238.0	0.932 mg/L	0.932 mg/L	12:41:41
3	Na 589.592	3282.3	3922.8	1.99 mg/L	1.99 mg/L	12:41:34
3	Na 330.237	788.3	1617.9	0.992 mg/L	0.992 mg/L	12:41:41
3	Ni 231.604	6886.9	6785.2	0.969 mg/L	0.969 mg/L	12:41:41
3	Pb 220.353	1752.6	1730.4	0.941 mg/L	0.941 mg/L	12:41:41
3	Pb 217.000	755.8	751.5	0.921 mg/L	0.921 mg/L	12:41:41
3	Sb 206.836	1470.5	1443.5	0.954 mg/L	0.954 mg/L	12:41:41
3	Se 196.026	685.6	672.8	0.954 mg/L	0.954 mg/L	12:41:41
3	Se 203.985	871.9	926.4	0.942 mg/L	0.942 mg/L	12:41:41
3	Si 251.611	13678.8	13083.3	0.648 mg/L	0.648 mg/L	12:41:35
3	Ti 334.940	148262.4	149292.8	0.950 mg/L	0.950 mg/L	12:41:35
3	Tl 276.787	1409.9	1292.8	0.922 mg/L	0.922 mg/L	12:41:41
3	Tl 190.801	211.6	234.8	0.889 mg/L	0.889 mg/L	12:41:41
3	V 290.880	30926.9	20798.5	0.996 mg/L	0.996 mg/L	12:41:35
3	V 292.402	41888.2	41752.3	0.981 mg/L	0.981 mg/L	12:41:35
3	Zn 206.200	5196.6	5190.6	0.972 mg/L	0.972 mg/L	12:41:41
3	Zn 213.857	30988.9	30701.4	0.969 mg/L	0.969 mg/L	12:41:35

Mean Data: icv/ccv

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	113048.9	0.968	mg/L	0.0023	0.968	mg/L	0.0023	0.23%
QC value within limits for Ag 328.068 Recovery = 96.82%								
Ag 338.289	39718.7	0.969	mg/L	0.0022	0.969	mg/L	0.0022	0.22%
QC value within limits for Ag 338.289 Recovery = 96.92%								
Al 308.215	14695.8	1.05	mg/L	0.023	1.05	mg/L	0.023	2.17%
QC value within limits for Al 308.215 Recovery = 105.41%								
Al 396.153	1655.1	1.16	mg/L	0.023	1.16	mg/L	0.023	2.03%
QC value greater than the upper limit for Al 396.153 Recovery = 115.54%								
As 188.979	502.4	0.934	mg/L	0.0262	0.934	mg/L	0.0262	2.81%
QC value within limits for As 188.979 Recovery = 93.37%								
As 193.696	682.3	0.945	mg/L	0.0126	0.945	mg/L	0.0126	1.33%
QC value within limits for As 193.696 Recovery = 94.45%								
B 182.528	317.7	0.902	mg/L	0.0105	0.902	mg/L	0.0105	1.17%
QC value within limits for B 182.528 Recovery = 90.16%								
B 249.677	19458.3	0.927	mg/L	0.0048	0.927	mg/L	0.0048	0.52%
QC value within limits for B 249.677 Recovery = 92.70%								
Ba 233.527	10226.4	0.962	mg/L	0.0091	0.962	mg/L	0.0091	0.94%
QC value within limits for Ba 233.527 Recovery = 96.21%								
Be 313.107	1468268.1	0.995	mg/L	0.0188	0.995	mg/L	0.0188	1.89%
QC value within limits for Be 313.107 Recovery = 99.55%								
Be 234.861	277400.9	0.976	mg/L	0.0019	0.976	mg/L	0.0019	0.19%

```
   QC value within limits for Be 234.861  Recovery = 97.58%
Ca 317.933            37144.8       1.98 mg/L        0.132       1.98 mg/L        0.132   6.68%
   QC value greater than the upper limit for Ca 317.933  Recovery = 198.19%
Cd 228.802             8191.3      0.966 mg/L       0.0095      0.966 mg/L       0.0095   0.95
   QC value within limits for Cd 228.802  Recovery = 96.56%
Cd 214.440            12068.4      0.949 mg/L       0.0098      0.949 mg/L       0.0098   1.04%
   QC value within limits for Cd 214.440  Recovery = 94.90%
Co 228.616             4929.8      0.961 mg/L       0.0096      0.961 mg/L       0.0096   1.00%
   QC value within limits for Co 228.616  Recovery = 96.07%
Cr 205.560             5517.1      0.937 mg/L       0.0077      0.937 mg/L       0.0077   0.83%
   QC value within limits for Cr 205.560  Recovery = 93.70%
Cr 267.716            22181.8      0.974 mg/L       0.0030      0.974 mg/L       0.0030   0.31%
   QC value within limits for Cr 267.716  Recovery = 97.38%
Cu 327.393           163386.9      0.965 mg/L       0.0027      0.965 mg/L       0.0027   0.28%
   QC value within limits for Cu 327.393  Recovery = 96.47%
Cu 324.752           304476.1      0.949 mg/L       0.0043      0.949 mg/L       0.0043   0.46%
   QC value within limits for Cu 324.752  Recovery = 94.94%
Fe 273.955             3979.5       1.27 mg/L        0.021       1.27 mg/L        0.021   1.68%
   QC value greater than the upper limit for Fe 273.955  Recovery = 127.46%
Fe 259.939            35529.1       1.25 mg/L        0.031       1.25 mg/L        0.031   2.46%
   QC value greater than the upper limit for Fe 259.939  Recovery = 124.94%
Fe 238.204            20160.6       1.28 mg/L        0.036       1.28 mg/L        0.036   2.81%
   QC value greater than the upper limit for Fe 238.204  Recovery = 128.01%
K 766.490            444145.1       8.93 mg/L        0.302       8.93 mg/L        0.302   3.38%
   QC value less than the lower limit for K 766.490  Recovery = 89.29%
K 404.721              4820.1      0.000 mg/L       0.0000      0.000 mg/L       0.0000   0.00%
   QC value less than the lower limit for K 404.721  Recovery = 0.00%
Li 670.784           1301128.6       1.06 mg/L        0.029       1.06 mg/L        0.029   2.68%
   QC value within limits for Li 670.784  Recovery = 106.27%
Mg 285.213            251004.6       1.08 mg/L        0.001       1.08 mg/L        0.001   0.13%
   QC value within limits for Mg 285.213  Recovery = 108.05%
Mn 257.610            91353.0      0.967 mg/L       0.0008      0.967 mg/L       0.0008   0.08%
   QC value within limits for Mn 257.610  Recovery = 96.72%
Mo 202.031             3198.6      0.921 mg/L       0.0098      0.921 mg/L       0.0098   1.07%
   QC value within limits for Mo 202.031  Recovery = 92.12%
Na 589.592             3984.6       2.02 mg/L        0.098       2.02 mg/L        0.098   4.86%
   QC value greater than the upper limit for Na 589.592  Recovery = 202.18%
Na 330.237             1591.4      0.975 mg/L       0.0194      0.975 mg/L       0.0194   1.95
   QC value within limits for Na 330.237  Recovery = 97.52%
Ni 231.604             6717.8      0.959 mg/L       0.0087      0.959 mg/L       0.0087   0.90%
   QC value within limits for Ni 231.604  Recovery = 95.92%
Pb 220.353             1693.2      0.921 mg/L       0.0172      0.921 mg/L       0.0172   1.87%
   QC value within limits for Pb 220.353  Recovery = 92.07%
Pb 217.000              750.4      0.920 mg/L       0.0036      0.920 mg/L       0.0036   0.39%
   QC value within limits for Pb 217.000  Recovery = 91.97%
Sb 206.836             1421.1      0.940 mg/L       0.0128      0.940 mg/L       0.0128   1.36%
   QC value within limits for Sb 206.836  Recovery = 93.96%
Se 196.026              671.7      0.952 mg/L       0.0179      0.952 mg/L       0.0179   1.88%
   QC value within limits for Se 196.026  Recovery = 95.24%
Se 203.985              904.4      0.920 mg/L       0.0192      0.920 mg/L       0.0192   2.08%
   QC value within limits for Se 203.985  Recovery = 91.99%
Si 251.611            12895.3      0.639 mg/L       0.0084      0.639 mg/L       0.0084   1.31%
   QC value greater than the upper limit for Si 251.611  Recovery = 127.71%
Ti 334.940           149312.9      0.951 mg/L       0.0020      0.951 mg/L       0.0020   0.21%
   QC value within limits for Ti 334.940  Recovery = 95.06%
Tl 276.787             1287.8      0.918 mg/L       0.0080      0.918 mg/L       0.0080   0.87%
   QC value within limits for Tl 276.787  Recovery = 91.85%
Tl 190.801              230.4      0.873 mg/L       0.0477      0.873 mg/L       0.0477   5.46%
   QC value less than the lower limit for Tl 190.801  Recovery = 87.29%
V 290.880             20774.4      0.995 mg/L       0.0022      0.995 mg/L       0.0022   0.22%
   QC value within limits for V 290.880  Recovery = 99.49%
V 292.402             41656.0      0.979 mg/L       0.0026      0.979 mg/L       0.0026   0.27%
   QC value within limits for V 292.402  Recovery = 97.92%
Zn 206.200             5125.6      0.959 mg/L       0.0112      0.959 mg/L       0.0112   1.16%
   QC value within limits for Zn 206.200  Recovery = 95.88%
Zn 213.857            30642.6      0.967 mg/L       0.0032      0.967 mg/L       0.0032   0.33%
   QC value within limits for Zn 213.857  Recovery = 96.75%
QC Failed.  Stop the analysis.
```

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

James M Hensiker

SIGNATURE

Environmental Protection Department Manager 1/7/03

TITLE DATE