

**010001**

**SOUTHWEST RESEARCH INSTITUTE  
NUCLEAR PROJECT**

**CLIENT: Division 20**

**TASK ORDER: 070125-1**

**SRR: 30286**

**SDG: 292486**

**CASE: R. Spies**

**VTSR: 24 Jan 2007**

**PROJECT#: 06002.01.222**

**FINAL REPORT**

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

010002

Sample ID

CSDI-07A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292486

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	0.998	0.5
Cadmium	<0.100	0.1
Calcium	<1.00	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	<1.25	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.300	0.3
Magnesium	<1.00	1
Manganese	<0.100	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	156	12.5
Selenium	<0.150	0.15
Silicon	1.10	0.5
Silver	<0.100	0.1
Sodium	8.50	6.25
Strontium	<0.125	0.125
Sulfur	8.73	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

010003

Sample ID

CSDI-07B

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292487

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	0.959	0.5
Cadmium	<0.100	0.1
Calcium	1.15	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	<1.25	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.300	0.3
Magnesium	<1.00	1
Manganese	<0.100	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	160	12.5
Selenium	<0.150	0.15
Silicon	1.15	0.5
Silver	<0.100	0.1
Sodium	7.19	6.25
Strontium	<0.125	0.125
Sulfur	8.99	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

010004

Sample ID  
CSSNA1-1A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292488

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	<0.500	0.5
Cadmium	<0.100	0.1
Calcium	1.59	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	<1.25	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.300	0.3
Magnesium	3.33	1
Manganese	<0.100	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	20.5	12.5
Selenium	<0.150	0.15
Silicon	<0.500	0.5
Silver	<0.100	0.1
Sodium	140	6.25
Strontium	<0.125	0.125
Sulfur	11.8	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

010005

Lab Name: Southwest Research Institute

Lab Code: SwRI

Matrix: Liquid

Lab System ID: 292489

Method: 6010B MOD, 6020 MOD

Sample ID  
CSSNA1-1B

Client: Division 20

Date Received: 01/24/07

Project No.: 06002.01.222

SRR: 30286

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	<0.500	0.5
Cadmium	<0.100	0.1
Calcium	1.32	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	<1.25	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.375	0.375
Magnesium	3.35	1
Manganese	<0.100	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	18.7	15.6
Selenium	<0.150	0.15
Silicon	1.10	0.5
Silver	<0.100	0.1
Sodium	289	7.81
Strontium	<0.125	0.125
Sulfur	12.2	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

010006

Sample ID  
CSSNA1-2A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292490

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	<0.500	0.5
Cadmium	<0.100	0.1
Calcium	<1.00	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	<1.25	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.300	0.3
Magnesium	2.97	1
Manganese	<0.100	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	12.9	12.5
Selenium	<0.150	0.15
Silicon	<0.500	0.5
Silver	<0.100	0.1
Sodium	139	6.25
Strontium	<0.125	0.125
Sulfur	11.7	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

010007

Sample ID

CSSNA1-2B

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292491

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	<0.500	0.5
Cadmium	<0.100	0.1
Calcium	<1.00	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	<1.25	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.300	0.3
Magnesium	3.21	1
Manganese	<0.100	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	12.9	12.5
Selenium	<0.150	0.15
Silicon	0.666	0.5
Silver	<0.100	0.1
Sodium	138	6.25
Strontium	<0.125	0.125
Sulfur	11.7	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

010008

Sample ID

CSSNA1-3A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292492

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	<0.500	0.5
Cadmium	<0.100	0.1
Calcium	<1.00	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	<1.25	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.300	0.3
Magnesium	<1.00	1
Manganese	<0.100	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	22.8	12.5
Selenium	<0.150	0.15
Silicon	<0.500	0.5
Silver	<0.100	0.1
Sodium	179	6.25
Strontium	<0.125	0.125
Sulfur	13.6	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

010009

Sample ID

CSSNA1-3B

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292493

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	<0.500	0.5
Cadmium	<0.100	0.1
Calcium	<1.00	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	<1.25	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.300	0.3
Magnesium	<1.00	1
Manganese	<0.100	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	17.1	12.5
Selenium	<0.150	0.15
Silicon	<0.500	0.5
Silver	<0.100	0.1
Sodium	181	6.25
Strontium	<0.125	0.125
Sulfur	14.0	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

010010

Sample ID

CSSNA2-1A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292494

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	<0.500	0.5
Cadmium	<0.100	0.1
Calcium	<1.00	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	<1.25	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.300	0.3
Magnesium	3.39	1
Manganese	<0.100	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	<12.5	12.5
Selenium	<0.150	0.15
Silicon	<0.500	0.5
Silver	<0.100	0.1
Sodium	152	6.25
Strontium	<0.125	0.125
Sulfur	11.6	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

010011

Lab Name: Southwest Research Institute

Lab Code: SwRI

Matrix: Liquid

Lab System ID: 292495

Method: 6010B MOD, 6020 MOD

Sample ID  
CSSNA2-1B

Client: Division 20

Date Received: 01/24/07

Project No.: 06002.01.222

SRR: 30286

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	<0.500	0.5
Cadmium	<0.100	0.1
Calcium	1.08	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	<1.25	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.300	0.3
Magnesium	3.46	1
Manganese	<0.100	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	<12.5	12.5
Selenium	<0.150	0.15
Silicon	1.51	0.5
Silver	<0.100	0.1
Sodium	138	6.25
Strontium	<0.125	0.125
Sulfur	11.7	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

010012

Sample ID

CSSNA3-2A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292496

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	<0.500	0.5
Cadmium	<0.100	0.1
Calcium	1.70	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	<1.25	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.300	0.3
Magnesium	4.13	1
Manganese	<0.100	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	<12.5	12.5
Selenium	<0.150	0.15
Silicon	<0.500	0.5
Silver	<0.100	0.1
Sodium	140	6.25
Strontium	<0.125	0.125
Sulfur	12.7	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

010013

Sample ID  
CSSNA2-2A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292497

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	<0.500	0.5
Cadmium	<0.100	0.1
Calcium	<1.00	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	<1.25	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.300	0.3
Magnesium	3.30	1
Manganese	<0.100	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	<12.5	12.5
Selenium	<0.150	0.15
Silicon	<0.500	0.5
Silver	<0.100	0.1
Sodium	139	6.25
Strontium	<0.125	0.125
Sulfur	11.9	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

010014

Sample ID

CSSNA2-2B

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292498

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	<0.500	0.5
Cadmium	<0.100	0.1
Calcium	<1.00	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	<1.25	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.300	0.3
Magnesium	3.18	1
Manganese	<0.1	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	<12.5	12.5
Selenium	<0.150	0.15
Silicon	<0.500	0.5
Silver	<0.100	0.1
Sodium	142	6.25
Strontium	<0.125	0.125
Sulfur	12.0	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

010015

Sample ID

CSSNA2-3A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292499

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	<0.500	0.5
Cadmium	<0.100	0.1
Calcium	<1.00	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	<1.25	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.300	0.3
Magnesium	1.41	1
Manganese	<0.100	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	34.3	12.5
Selenium	<0.150	0.15
Silicon	<0.500	0.5
Silver	<0.100	0.1
Sodium	229	6.25
Strontium	<0.125	0.125
Sulfur	14.1	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

010016

Sample ID  
CSSNA2-3B

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292500

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	<0.500	0.5
Cadmium	<0.100	0.1
Calcium	1.01	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	13.5	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.300	0.3
Magnesium	2.31	1
Manganese	3.38	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	27.6	12.5
Selenium	<0.150	0.15
Silicon	<0.500	0.5
Silver	<0.100	0.1
Sodium	195	6.25
Strontium	<0.125	0.125
Sulfur	13.7	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# ***SOUTHWEST RESEARCH INSTITUTE***

**010017**

## **SAMPLE ANALYSIS DATA SHEET**

Sample ID  
CSSNA3-1A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292501

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	<0.500	0.5
Cadmium	<0.100	0.1
Calcium	1.60	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	<1.25	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.300	0.3
Magnesium	4.14	1
Manganese	<0.100	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	<12.5	12.5
Selenium	<0.150	0.15
Silicon	<0.500	0.5
Silver	<0.100	0.1
Sodium	138	6.25
Strontium	<0.125	0.125
Sulfur	12.4	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

010018

Sample ID  
CSSNA3-3A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292502

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	<0.500	0.5
Cadmium	<0.100	0.1
Calcium	2.64	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	<1.25	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.300	0.3
Magnesium	5.74	1
Manganese	<0.100	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	23.7	12.5
Selenium	<0.150	0.15
Silicon	0.776	0.5
Silver	<0.100	0.1
Sodium	207	6.25
Strontium	<0.125	0.125
Sulfur	18.6	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

010019

Sample ID

PW3-7

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292503

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	1.04	0.5
Cadmium	<0.100	0.1
Calcium	1.10	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	<1.25	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.300	0.3
Magnesium	<1.00	1
Manganese	<0.100	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	122	12.5
Selenium	<0.150	0.15
Silicon	13.1	0.5
Silver	<0.100	0.1
Sodium	217	6.25
Strontium	<0.125	0.125
Sulfur	21.2	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

010020

Sample ID

SS1-7

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292504

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1
Antimony	<0.250	0.25
Arsenic	<0.125	0.125
Barium	<0.100	0.1
Beryllium	<0.100	0.1
Bismuth	<0.250	0.25
Boron	1.14	0.5
Cadmium	<0.100	0.1
Calcium	1.70	1
Chromium	<0.100	0.1
Cobalt	<0.100	0.1
Copper	<0.100	0.1
Iron	<1.25	1.25
Lanthanum	<0.100	0.1
Lead	<0.100	0.1
Lithium	<0.300	0.3
Magnesium	<1.00	1
Manganese	<0.100	0.1
Molybdenum	<0.100	0.1
Nickel	<0.100	0.1
Palladium	<0.200	0.2
Phosphorus	<0.500	0.5
Potassium	176	12.5
Selenium	<0.150	0.15
Silicon	12.1	0.5
Silver	<0.100	0.1
Sodium	165	6.25
Strontium	<0.125	0.125
Sulfur	24.7	0.5
Thallium	<0.250	0.25
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.1
Tungsten	<0.250	0.25
Uranium	<2.50	2.5
Vanadium	<0.100	0.1
Yttrium	<0.100	0.1
Zinc	<0.100	0.1
Zirconium	<0.100	0.1

# SOUTHWEST RESEARCH INSTITUTE

## LABORATORY CONTROL SAMPLE

010021

Sample ID

LCS

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Liquid

Project No.: 06002.01.242

Lab System ID: NA

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	True Value (mg/L)	Recovery
Aluminum	1.94	2.00	97.0%
Antimony	0.493	0.500	98.6%
Arsenic	2	2.00	100%
Barium	2	2.00	100%
Beryllium	0.0488	0.0500	97.6%
Bismuth	NA	NA	NA
Boron	NA	NA	NA
Cadmium	0.0486	0.0500	97.2%
Calcium	19.9	20.0	99.5%
Chromium	0.191	0.200	95.5%
Cobalt	0.49	0.500	98.0%
Copper	0.245	0.250	98.0%
Iron	1.14	1.00	114.0%
Lanthanum	NA	NA	NA
Lead	0.482	0.500	96.4%
Lithium	4.03	4.00	101%
Magnesium	20.3	20.0	102%
Manganese	0.49	0.500	98.0%
Molybdenum	NA	NA	NA
Nickel	0.481	0.500	96.2%
Palladium	NA	NA	NA
Phosphorus	NA	NA	NA
Potassium	20.2	20.0	101%
Selenium	2.05	2.00	103%
Silicon	NA	NA	NA
Silver	0.0486	0.0500	97.2%
Sodium	20.4	20.0	102%
Strontium	NA	NA	NA
Sulfur	NA	NA	NA
Thallium	2.05	2.00	103%
Thorium	NA	NA	NA
Tin	NA	NA	NA
Titanium	NA	NA	NA
Tungsten	NA	NA	NA
Uranium	NA	NA	NA
Vanadium	0.483	0.500	96.6%
Yttrium	NA	NA	NA
Zinc	0.481	0.500	96.2%
Zirconium	NA	NA	NA

NA- Not Applicable.

# SOUTHWEST RESEARCH INSTITUTE

## BLANK SUMMARY

010022

Sample ID

PB

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Liquid

Project No.: 06002.01.242

Lab System ID: NA

SRR: 30286

Method: 6010B MOD, 6020 MOD

Task Order: 070125-1

Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Aluminum	<1.00	1.00
Antimony	<0.250	0.250
Arsenic	<0.125	0.125
Barium	<0.100	0.100
Beryllium	<0.100	0.100
Bismuth	<0.250	0.250
Boron	<0.500	0.500
Cadmium	<0.100	0.100
Calcium	<1.00	1.00
Chromium	<0.100	0.100
Cobalt	<0.100	0.100
Copper	<0.100	0.100
Iron	<1.25	1.25
Lanthanum	<0.100	0.100
Lead	<0.100	0.100
Lithium	<0.300	0.300
Magnesium	<1.00	1.00
Manganese	<0.100	0.100
Molybdenum	<0.100	0.100
Nickel	<0.100	0.100
Palladium	<0.200	0.200
Phosphorus	<0.500	0.500
Potassium	<12.5	12.5
Selenium	<0.150	0.150
Silicon	<0.500	0.500
Silver	<0.100	0.100
Sodium	<6.25	6.25
Strontium	<0.125	0.125
Sulfur	<0.500	0.500
Thallium	<0.250	0.250
Thorium	<0.375	0.375
Tin	<0.125	0.125
Titanium	<0.100	0.100
Tungsten	<0.250	0.250
Uranium	<2.50	2.50
Vanadium	<0.100	0.100
Yttrium	<0.100	0.100
Zinc	<0.100	0.100
Zirconium	<0.100	0.100

NA- Not Applicable.

# ***SOUTHWEST RESEARCH INSTITUTE***

## **SAMPLE ANALYSIS DATA SHEET**

**010023**

Sample ID

CSDI-07A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292486

SRR: 30286

Date Analyzed: 02/01/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<1	1	mg/L	EPA 300
Chloride	150	1	mg/L	EPA 300
Fluoride	<1	1	mg/L	EPA 300
Nitrate-N	<1	1	mg/L	EPA 300
Nitrite-N	<1	1	mg/L	EPA 300
Phosphate-P	<1	1	mg/L	EPA 300
Sulfate	1.19	1	mg/L	EPA 300

# ***SOUTHWEST RESEARCH INSTITUTE***

## **SAMPLE ANALYSIS DATA SHEET**

**010024**

Sample ID

CSDI-07B

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292487

SRR: 30286

Date Analyzed: 02/01/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<1	1	mg/L	EPA 300
Chloride	154	1	mg/L	EPA 300
Fluoride	<1	1	mg/L	EPA 300
Nitrate-N	664	10	mg/L	EPA 300
Nitrite-N	<1	1	mg/L	EPA 300
Phosphate-P	<1	1	mg/L	EPA 300
Sulfate	2.78	2	mg/L	EPA 300

# ***SOUTHWEST RESEARCH INSTITUTE***

## **SAMPLE ANALYSIS DATA SHEET**

**010025**

Sample ID

CSSNA1-1A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292488

SRR: 30286

Date Analyzed: 02/01/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<1	1	mg/L	EPA 300
Chloride	39.7	1	mg/L	EPA 300
Fluoride	7.18	1	mg/L	EPA 300
Nitrate-N	<1	1	mg/L	EPA 300
Nitrite-N	<1	1	mg/L	EPA 300
Phosphate-P	<1	1	mg/L	EPA 300
Sulfate	35.3	1	mg/L	EPA 300

# ***SOUTHWEST RESEARCH INSTITUTE***

## **SAMPLE ANALYSIS DATA SHEET**

**010026**

Sample ID

CSSNA1-1B

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292489

SRR: 30286

Date Analyzed: 02/01/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<2	2	mg/L	EPA 300
Chloride	40.5	2	mg/L	EPA 300
Fluoride	6.04	2	mg/L	EPA 300
Nitrate-N	745	10	mg/L	EPA 300
Nitrite-N	<2	2	mg/L	EPA 300
Phosphate-P	<2	2	mg/L	EPA 300
Sulfate	NR	NR	mg/L	EPA 300

NR- Not reported due to insufficient sample volume

# ***SOUTHWEST RESEARCH INSTITUTE***

## **SAMPLE ANALYSIS DATA SHEET**

**010027**

Sample ID

CSSNA1-2A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292490

SRR: 30286

Date Analyzed: 02/01/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<1	1	mg/L	EPA 300
Chloride	40.7	1	mg/L	EPA 300
Fluoride	7.23	1	mg/L	EPA 300
Nitrate-N	<1	1	mg/L	EPA 300
Nitrite-N	<1	1	mg/L	EPA 300
Phosphate-P	<1	1	mg/L	EPA 300
Sulfate	35.9	1	mg/L	EPA 300

# ***SOUTHWEST RESEARCH INSTITUTE***

## **SAMPLE ANALYSIS DATA SHEET**

**010028**

Sample ID

CSSNA1-2B

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292491

SRR: 30286

Date Analyzed: 02/01/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<1	1	mg/L	EPA 300
Chloride	43.1	1	mg/L	EPA 300
Fluoride	6.73	1	mg/L	EPA 300
Nitrate-N	442	10	mg/L	EPA 300
Nitrite-N	<1	1	mg/L	EPA 300
Phosphate-P	<1	1	mg/L	EPA 300
Sulfate	36.9	2	mg/L	EPA 300

# ***SOUTHWEST RESEARCH INSTITUTE***

## **SAMPLE ANALYSIS DATA SHEET**

**010029**

Sample ID

CSSNA1-3A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292492

SRR: 30286

Date Analyzed: 02/01/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<1	1	mg/L	EPA 300
Chloride	54.9	1	mg/L	EPA 300
Fluoride	6.33	1	mg/L	EPA 300
Nitrate-N	<1	1	mg/L	EPA 300
Nitrite-N	<1	1	mg/L	EPA 300
Phosphate-P	<1	1	mg/L	EPA 300
Sulfate	42.2	1	mg/L	EPA 300

# ***SOUTHWEST RESEARCH INSTITUTE***

## **SAMPLE ANALYSIS DATA SHEET**

**010030**

Sample ID

CSSNA1-3B

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292493

SRR: 30286

Date Analyzed: 02/01/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<2	2	mg/L	EPA 300
Chloride	58.6	2	mg/L	EPA 300
Fluoride	7.90	2	mg/L	EPA 300
Nitrate-N	689	10	mg/L	EPA 300
Nitrite-N	<2	2	mg/L	EPA 300
Phosphate-P	<2	2	mg/L	EPA 300
Sulfate	43.0	2	mg/L	EPA 300

# ***SOUTHWEST RESEARCH INSTITUTE***

## **SAMPLE ANALYSIS DATA SHEET**

**010031**

Sample ID

CSSNA2-1A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292494

SRR: 30286

Date Analyzed: 02/01/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<1	1	mg/L	EPA 300
Chloride	37.9	1	mg/L	EPA 300
Fluoride	6.24	1	mg/L	EPA 300
Nitrate-N	<1	1	mg/L	EPA 300
Nitrite-N	<1	1	mg/L	EPA 300
Phosphate-P	<1	1	mg/L	EPA 300
Sulfate	36.1	1	mg/L	EPA 300

# ***SOUTHWEST RESEARCH INSTITUTE***

## **SAMPLE ANALYSIS DATA SHEET**

**010032**

Sample ID

CSSNA2-1B

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292495

SRR: 30286

Date Analyzed: 01/31/07, 02/01/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<1	1	mg/L	EPA 300
Chloride	41.7	1	mg/L	EPA 300
Fluoride	7.66	1	mg/L	EPA 300
Nitrate-N	516	10	mg/L	EPA 300
Nitrite-N	<1	1	mg/L	EPA 300
Phosphate-P	<1	1	mg/L	EPA 300
Sulfate	37.5	2	mg/L	EPA 300

# ***SOUTHWEST RESEARCH INSTITUTE***

## **SAMPLE ANALYSIS DATA SHEET**

**010033**

Sample ID

CSSNA3-2A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292496

SRR: 30286

Date Analyzed: 01/31/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<1	1	mg/L	EPA 300
Chloride	45.5	1	mg/L	EPA 300
Fluoride	7.48	1	mg/L	EPA 300
Nitrate-N	<1	1	mg/L	EPA 300
Nitrite-N	<1	1	mg/L	EPA 300
Phosphate-P	<1	1	mg/L	EPA 300
Sulfate	36.6	1	mg/L	EPA 300

# ***SOUTHWEST RESEARCH INSTITUTE***

## **SAMPLE ANALYSIS DATA SHEET**

**010034**

Sample ID

CSSNA2-2A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292497

SRR: 30286

Date Analyzed: 01/31/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<1	1	mg/L	EPA 300
Chloride	42.9	1	mg/L	EPA 300
Fluoride	6.63	1	mg/L	EPA 300
Nitrate-N	<1	1	mg/L	EPA 300
Nitrite-N	<1	1	mg/L	EPA 300
Phosphate-P	<1	1	mg/L	EPA 300
Sulfate	36.2	1	mg/L	EPA 300

# ***SOUTHWEST RESEARCH INSTITUTE***

## **SAMPLE ANALYSIS DATA SHEET**

**010035**

Sample ID

CSSNA2-2B

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292498

SRR: 30286

Date Analyzed: 01/31/07, 02/01/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<1	1	mg/L	EPA 300
Chloride	44.9	1	mg/L	EPA 300
Fluoride	6.98	1	mg/L	EPA 300
Nitrate-N	438	10	mg/L	EPA 300
Nitrite-N	<1	1	mg/L	EPA 300
Phosphate-P	<1	1	mg/L	EPA 300
Sulfate	40.1	2	mg/L	EPA 300

# ***SOUTHWEST RESEARCH INSTITUTE***

## **SAMPLE ANALYSIS DATA SHEET**

**010036**

Sample ID

CSSNA2-3A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292499

SRR: 30286

Date Analyzed: 01/31/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<1	1	mg/L	EPA 300
Chloride	66.5	1	mg/L	EPA 300
Fluoride	7.89	1	mg/L	EPA 300
Nitrate-N	<1	1	mg/L	EPA 300
Nitrite-N	<1	1	mg/L	EPA 300
Phosphate-P	<1	1	mg/L	EPA 300
Sulfate	42.6	1	mg/L	EPA 300

# ***SOUTHWEST RESEARCH INSTITUTE***

## **SAMPLE ANALYSIS DATA SHEET**

**010037**

Sample ID

CSSNA2-3B

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292500

SRR: 30286

Date Analyzed: 01/31/07, 02/01/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<1	1	mg/L	EPA 300
Chloride	68.8	1	mg/L	EPA 300
Fluoride	8.23	1	mg/L	EPA 300
Nitrate-N	647	1	mg/L	EPA 300
Nitrite-N	<1	1	mg/L	EPA 300
Phosphate-P	<1	1	mg/L	EPA 300
Sulfate	44.8	2	mg/L	EPA 300

# ***SOUTHWEST RESEARCH INSTITUTE***

## **SAMPLE ANALYSIS DATA SHEET**

**010038**

Sample ID

CSSNA3-1A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292501

SRR: 30286

Date Analyzed: 01/31/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<1	1	mg/L	EPA 300
Chloride	43.5	1	mg/L	EPA 300
Fluoride	6.70	1	mg/L	EPA 300
Nitrate-N	<1	1	mg/L	EPA 300
Nitrite-N	<1	1	mg/L	EPA 300
Phosphate-P	<1	1	mg/L	EPA 300
Sulfate	36.8	1	mg/L	EPA 300

# ***SOUTHWEST RESEARCH INSTITUTE***

## **SAMPLE ANALYSIS DATA SHEET**

**010039**

Sample ID

CSSNA3-3A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292502

SRR: 30286

Date Analyzed: 01/31/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<1	1	mg/L	EPA 300
Chloride	75.4	1	mg/L	EPA 300
Fluoride	11.7	1	mg/L	EPA 300
Nitrate-N	1.89	1	mg/L	EPA 300
Nitrite-N	<1	1	mg/L	EPA 300
Phosphate-P	<1	1	mg/L	EPA 300
Sulfate	53.8	1	mg/L	EPA 300

# SOUTHWEST RESEARCH INSTITUTE

## SAMPLE ANALYSIS DATA SHEET

**010040**

Sample ID

PW3-7

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292503

SRR: 30286

Date Analyzed: 01/31/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<1	1	mg/L	EPA 300
Chloride	149	1	mg/L	EPA 300
Fluoride	9.40	1	mg/L	EPA 300
Nitrate-N	2.49	1	mg/L	EPA 300
Nitrite-N	<1	1	mg/L	EPA 300
Phosphate-P	<1	1	mg/L	EPA 300
Sulfate	56.7	1	mg/L	EPA 300

# ***SOUTHWEST RESEARCH INSTITUTE***

## **SAMPLE ANALYSIS DATA SHEET**

**010041**

Sample ID

SS1-7

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 01/24/07

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: 292504

SRR: 30286

Date Analyzed: 01/31/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units	Method
Bromide	<1	1	mg/L	EPA 300
Chloride	182	1	mg/L	EPA 300
Fluoride	7.54	1	mg/L	EPA 300
Nitrate-N	2.01	1	mg/L	EPA 300
Nitrite-N	<1	1	mg/L	EPA 300
Phosphate-P	<1	1	mg/L	EPA 300
Sulfate	41.5	1	mg/L	EPA 300

# ***SOUTHWEST RESEARCH INSTITUTE***

## **LABORATORY CONTROL SAMPLE**

# **010042**

Sample ID

LCS 02/01/07

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: NA

SRR: 30286

Date Analyzed: 02/01/07

Task Order: 070125-1

Analysis	Sample Result	True Value	Recovery	Units
Bromide	396	400	99.0%	mg/L
Chloride	200	200	100%	mg/L
Fluoride	98.8	100	98.8%	mg/L
Nitrate-N	89.9	90.4	99.4%	mg/L
Nitrite-N	120	118	102%	mg/L
Phosphate-P	191	196	97.4%	mg/L
Sulfate	401	400	100%	mg/L

NA- Not applicable

# ***SOUTHWEST RESEARCH INSTITUTE***

## **LABORATORY CONTROL SAMPLE**

**010043**

Sample ID

LCS 01/31/07

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: NA

SRR: 30286

Date Analyzed: 01/31/07

Task Order: 070125-1

Analysis	Sample Result	True Value	Recovery	Units
Bromide	402	400	101%	mg/L
Chloride	202	200	101%	mg/L
Fluoride	98.4	100	98.4%	mg/L
Nitrate-N	91.0	90.4	101%	mg/L
Nitrite-N	118	118	100%	mg/L
Phosphate-P	195	196	99.5%	mg/L
Sulfate	407	400	102%	mg/L

NA- Not applicable

# ***SOUTHWEST RESEARCH INSTITUTE***

## **LABORATORY CONTROL SAMPLE**

**010044**

Sample ID

LCS 02/01/07

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: NA

SRR: 30286

Date Analyzed: 02/01/07

Task Order: 070125-1

Analysis	Sample Result	True Value	Recovery	Units
Bromide	-----	-----	-----	-----
Chloride	-----	-----	-----	-----
Fluoride	-----	-----	-----	-----
Nitrate-N	-----	-----	-----	-----
Nitrite-N	-----	-----	-----	-----
Phosphate-P	-----	-----	-----	-----
Sulfate	400	400	100%	mg/L

NA- Not applicable

# ***SOUTHWEST RESEARCH INSTITUTE***

## **BLANK SUMMARY**

**010045**

Sample ID

PB 02/01/07

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: NA

SRR: 30286

Date Analyzed: 02/01/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units
Bromide	<1	1	mg/L
Chloride	<1	1	mg/L
Fluoride	<1	1	mg/L
Nitrate-N	<1	1	mg/L
Nitrite-N	<1	1	mg/L
Phosphate-P	<1	1	mg/L
Sulfate	<1	1	mg/L

NA- Not applicable

# ***SOUTHWEST RESEARCH INSTITUTE***

## **BLANK SUMMARY**

**010046**

Sample ID

PB 01/31/07

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: NA

SRR: 30286

Date Analyzed: 01/31/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units
Bromide	<1	1	mg/L
Chloride	<1	1	mg/L
Fluoride	<1	1	mg/L
Nitrate-N	<1	1	mg/L
Nitrite-N	<1	1	mg/L
Phosphate-P	<1	1	mg/L
Sulfate	<1	1	mg/L

NA- Not applicable

# ***SOUTHWEST RESEARCH INSTITUTE***

## **BLANK SUMMARY**

**010047**

Sample ID

PB 02/01/07

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Liquid

Project No.: 06002.01.222

Lab System ID: NA

SRR: 30286

Date Analyzed: 02/01/07

Task Order: 070125-1

Analysis	Sample Result	Reporting Limit	Units
Bromide	-----	-----	-----
Chloride	-----	-----	-----
Fluoride	-----	-----	-----
Nitrate-N	-----	-----	-----
Nitrite-N	-----	-----	-----
Phosphate-P	-----	-----	-----
Sulfate	<0.1	0.1	mg/L

NA- Not applicable

**RAW DATA**  
**(Not Required To Be Sent to Client)**

**010048**  
SOUTHWEST RESEARCH INSTITUTE  
NUCLEAR PROJECT  
CLIENT: Division 20  
TASK ORDER: 070125-1  
SRR: 30286  
SDG: 292486  
CASE: R. Spies  
VTSR: 24 Jan 2007  
PROJECT#: 06002.01.222

**Task Orders/01-QPP-015**

# Laboratory Task Order

TO #: 070125-1 Revision: 0

SDG: 292486  
 VTSR: 01/24/07  
 CASE: XE

SRR #s: 30286  
 Client(s): Div. 20

Project(s): 06002.01.222  
 Manager(s): DAMMANN, MIKE  
 To PM: 02/13/07  
 To QA: 02/13/07  
 To Client: 02/14/07

**010049**

### Instructions

DIVISION 20 - CNWRA.  
 NINETEEN samples received overall for Anions and ICP analysis. Note, chain of custody does indicate which samples are for Anions or which are for metals. Double check before STARTING.  
 Division 20 contact is Xihua He, xihua.he@swri.org, ext. 5194. Send form only results (prelims via email, excel/pdf format).  
 Item is Nuclear Safety Related, 10 CFR 50, Part 21, Appendix B.

Documents Related to this task order: 28287[COC for SRR 30286]

Deliverables --> Hard Copy: -YES- EDD: -YES- PDF: -YES-

Test: DIL-DILUTION  
 Section: METALPREP

Holding: 180 days from CED

**Prep, Dilution - DOUBLE CHECK IF ALL CONTAINERS ARE REQUIRED FOR METALS AND WETCHEM**

Cnt: 19

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
292486		1	Liquid	CSDI-07A	23 Jan 07	22 Jul 07
292487		1	Liquid	CSDI-07B	23 Jan 07	22 Jul 07
292488		1	Liquid	CSSNA1-1A	23 Jan 07	22 Jul 07
292489		1	Liquid	CSSNA1-1B	23 Jan 07	22 Jul 07
292490		1	Liquid	CSSNA1-2A	23 Jan 07	22 Jul 07
292491		1	Liquid	CSSNA1-2B	23 Jan 07	22 Jul 07
292492		1	Liquid	CSSNA1-3A	23 Jan 07	22 Jul 07
292493		1	Liquid	CSSNA1-3B	23 Jan 07	22 Jul 07
292494		1	Liquid	CSSNA2-1A	23 Jan 07	22 Jul 07
292495		1	Liquid	CSSNA2-1B	23 Jan 07	22 Jul 07
292496		1	Liquid	CSSNA3-2A	23 Jan 07	22 Jul 07
292497		1	Liquid	CSSNA2-2A	23 Jan 07	22 Jul 07
292498		1	Liquid	CSSNA2-2B	23 Jan 07	22 Jul 07
292499		1	Liquid	CSSNA2-3A	23 Jan 07	22 Jul 07
292500		1	Liquid	CSSNA2-3B	23 Jan 07	22 Jul 07
292501		1	Liquid	CSSNA3-1A	23 Jan 07	22 Jul 07
292502		1	Liquid	CSSNA3-3A	23 Jan 07	22 Jul 07
292503		1	Liquid	PW3-7	23 Jan 07	22 Jul 07
292504		1	Liquid	SS1-7	23 Jan 07	22 Jul 07

Test: IC-300.0  
 Section: WETCHEM

Holding: 28 days from CED

**IC Method 300.0 anions - DOUBLE CHECK IF ALL CONTAINERS ARE REQUIRED FOR METALS AND WETCHEM**

Cnt: 19

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
292486		1	Liquid	CSDI-07A	23 Jan 07	20 Feb 07
292487		1	Liquid	CSDI-07B	23 Jan 07	20 Feb 07
292488		1	Liquid	CSSNA1-1A	23 Jan 07	20 Feb 07
292489		1	Liquid	CSSNA1-1B	23 Jan 07	20 Feb 07
292490		1	Liquid	CSSNA1-2A	23 Jan 07	20 Feb 07
292491		1	Liquid	CSSNA1-2B	23 Jan 07	20 Feb 07
292492		1	Liquid	CSSNA1-3A	23 Jan 07	20 Feb 07
292493		1	Liquid	CSSNA1-3B	23 Jan 07	20 Feb 07
292494		1	Liquid	CSSNA2-1A	23 Jan 07	20 Feb 07
292495		1	Liquid	CSSNA2-1B	23 Jan 07	20 Feb 07
292496		1	Liquid	CSSNA3-2A	23 Jan 07	20 Feb 07

# Laboratory Task Order

010050

TO #: 070125-1 Revision: 0

SDG: 292486  
 VTSR: 01/24/07  
 CASE: XE

SRR #s: 30286  
 Client(s): Div. 20

Project(s): 06002.01.222  
 Manager(s): DAMMANN, MIKE  
 To PM: 02/13/07  
 To QA: 02/13/07  
 To Client: 02/14/07

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
292497		1	Liquid	CSSNA2-2A	23 Jan 07	20 Feb 07
292498		1	Liquid	CSSNA2-2B	23 Jan 07	20 Feb 07
292499		1	Liquid	CSSNA2-3A	23 Jan 07	20 Feb 07
292500		1	Liquid	CSSNA2-3B	23 Jan 07	20 Feb 07
292501		1	Liquid	CSSNA3-1A	23 Jan 07	20 Feb 07
292502		1	Liquid	CSSNA3-3A	23 Jan 07	20 Feb 07
292503		1	Liquid	PW3-7	23 Jan 07	20 Feb 07
292504		1	Liquid	SS1-7	23 Jan 07	20 Feb 07

Test: ICP-6010B  
 Section: METALS

Holding: 180 days from CED

**ICP Method 6010B Total Metals - DOUBLE CHECK IF ALL CONTAINERS ARE REQUIRED FOR METALS AND WETCHEM**

Cnt: 19

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
292486		1	Liquid	CSDI-07A	23 Jan 07	22 Jul 07
292487		1	Liquid	CSDI-07B	23 Jan 07	22 Jul 07
292488		1	Liquid	CSSNA1-1A	23 Jan 07	22 Jul 07
292489		1	Liquid	CSSNA1-1B	23 Jan 07	22 Jul 07
292490		1	Liquid	CSSNA1-2A	23 Jan 07	22 Jul 07
292491		1	Liquid	CSSNA1-2B	23 Jan 07	22 Jul 07
292492		1	Liquid	CSSNA1-3A	23 Jan 07	22 Jul 07
292493		1	Liquid	CSSNA1-3B	23 Jan 07	22 Jul 07
292494		1	Liquid	CSSNA2-1A	23 Jan 07	22 Jul 07
292495		1	Liquid	CSSNA2-1B	23 Jan 07	22 Jul 07
292496		1	Liquid	CSSNA3-2A	23 Jan 07	22 Jul 07
292497		1	Liquid	CSSNA2-2A	23 Jan 07	22 Jul 07
292498		1	Liquid	CSSNA2-2B	23 Jan 07	22 Jul 07
292499		1	Liquid	CSSNA2-3A	23 Jan 07	22 Jul 07
292500		1	Liquid	CSSNA2-3B	23 Jan 07	22 Jul 07
292501		1	Liquid	CSSNA3-1A	23 Jan 07	22 Jul 07
292502		1	Liquid	CSSNA3-3A	23 Jan 07	22 Jul 07
292503		1	Liquid	PW3-7	23 Jan 07	22 Jul 07
292504		1	Liquid	SS1-7	23 Jan 07	22 Jul 07

~~Uncontrolled Copy~~

Dispose of by end of day on date printed

01-QPP-015  
Division 01  
Revision 6  
June 2006

010051

Document No. \_\_\_\_\_



Chemistry and Chemical  
Engineering Division

QUALITY PROJECT PLAN FOR

**PERFORMANCE OF CHEMICAL ANALYSES  
FOR COMMERCIAL NUCLEAR POWER PLANTS  
WITHIN THE DEPARTMENT OF ANALYTICAL  
AND ENVIRONMENTAL CHEMISTRY**

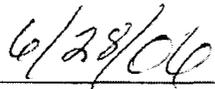
SOUTHWEST RESEARCH INSTITUTE  
Chemistry and Chemical Engineering Division  
6220 CULEBRA ROAD, SAN ANTONIO, TEXAS 78238

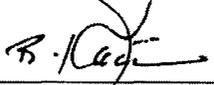
**QUALITY PROJECT PLAN FOR PERFORMANCE OF CHEMICAL ANALYSES  
FOR COMMERCIAL NUCLEAR POWER PLANTS  
WITHIN THE DEPARTMENT OF ANALYTICAL AND ENVIRONMENTAL CHEMISTRY**

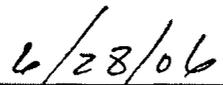
**SwRI AUTHORIZATION SIGNATORIES**

This is to certify that this Quality Project Plan of Southwest Research Institute (SwRI) has been reviewed and approved by the following personnel:

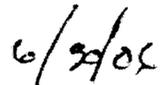
  
\_\_\_\_\_  
**JO ANN BOYD** (210) 522-2169  
Quality Assurance Manager

  
\_\_\_\_\_  
DATE

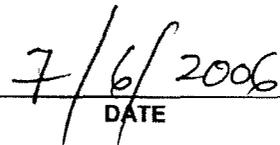
  
\_\_\_\_\_  
**REZA KARIMI** (210) 522-2412  
Director, Department of Analytical and Environmental Chemistry

  
\_\_\_\_\_  
DATE

  
\_\_\_\_\_  
**MICHAEL G. MACNAUGHTON** (210) 522-5162  
Vice President, Chemistry and Chemical Engineering Division

  
\_\_\_\_\_  
DATE

  
\_\_\_\_\_  
**CHRISTOPHER HOBSON** (210) 522-5838  
Quality Assurance Engineer

  
\_\_\_\_\_  
DATE

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**PERFORMANCE OF CHEMICAL ANALYSES  
FOR COMMERCIAL NUCLEAR POWER PLANTS WITHIN THE  
DEPARTMENT OF ANALYTICAL AND ENVIRONMENTAL CHEMISTRY**

**1.0 INTRODUCTION**

This Quality Project Plan (QPP) defines the Quality Assurance (QA) program requirements for personnel providing the chemical analyses for commercial nuclear power plants. Southwest Research Institute (SwRI) *Program Quality Plan (PQP-Nuclear), Nuclear Services* shall implement the QA requirements. Project activities controlled by the PQP-Nuclear shall be accomplished as specified by the appropriate sections of **01-QAP-004, Quality Assurance Plan for Analytical and Environmental Services** and/or nationally recognized testing methods as specified on individual purchase orders. This QPP shall be applied to all projects initiated for nuclear utilities in the Department of Analytical and Environmental Chemistry. If, as a result of complexity, duration, or other factors, it is determined that a unique, project-specific quality plan is required, the project QAE shall notify the Project Manager and a project-specific quality plan shall be generated in accordance with **SOP-01-4.2.1, Preparation and Revision of Documented Procedures**.

**2.0 SCOPE**

This Quality Project Plan shall be applied to the chemical analyses performed for commercial nuclear power plants by the Department of Analytical and Environmental Chemistry within the Chemistry and Chemical Engineering Division. Although the majority of the work performed for nuclear facilities resides within the Department of Analytical and Environmental Chemistry, other departments within the division may utilize this Quality Project Plan as deemed necessary when nuclear projects are conducted.

**3.0 REFERENCES**

- 3.1 *SwRI Quality System Manual – 2000*
- 3.2 *10 CFR 50, Appendix B, ASME NQA-1*
- 3.3 *SwRI Program Quality Plan (PQP-Nuclear), Nuclear Services*
- 3.4 *01-QAP-004, Quality Assurance Plan for Analytical and Environmental Services*

**4.0 APPLICABLE SECTIONS OF SwRI PROGRAM QUALITY PLAN (PQP-NUCLEAR)**

**4.1 Indoctrination and Training**

- 4.1.1 Personnel performing duties affecting quality shall receive quality training to the *SwRI Program Quality Plan (PQP-Nuclear), Nuclear Services* prior to performing any work on projects for nuclear utilities. This training will be conducted either by Institute Quality Systems (IQS) or Division 01 Quality Assurance personnel and documentation shall be evident in the personnel training files maintained in Division

01 Quality Assurance.

- 4.1.2 Indoctrination and training of personnel shall be conducted in accordance with **SOP-01-6.2.1, Qualification and Training.**

#### **4.2 Qualification of Personnel**

- 4.2.1 Testing personnel shall be designated as qualified to perform applicable project activities as specified in **SOP-01-6.2.1, Qualification and Training.**
- 4.2.2 During the performance of each testing process, testing personnel shall have access to the necessary documented procedures, i.e., QPP, QAP, Task Order, Division Quality System Standard Operating Procedures (SOPs), and applicable test/analytical procedures (TAPs) available for ready reference.
- 4.2.3 Any person who has not performed testing activities associated with any particular method being used for nuclear utilities projects for a period of one year shall be reevaluated prior to the conduct of the test.
- 4.2.4 Quality Assurance personnel witnessing the testing process for nuclear utilities shall have documented evidence of qualifications maintained by Institute Quality Systems or Division 01 Quality Assurance.

#### **4.3 Design Control**

Not applicable to activities conducted within the Department of Analytical and Environmental Chemistry.

#### **4.4 Right of Access**

- 4.4.1 Procurement documents shall provide for access to the suppliers' facilities and records for surveillance, inspection, or audit by SwRI and clients.
- 4.4.2 Where appropriate, quality clause **Q32** shall be noted on the procurement documents to indicate that right of access for inspection and surveillance of activities associated with the order shall be afforded to SwRI and clients.

#### **4.5 Control of Supplier-Generated Documents**

- 4.5.1 Client documents shall be controlled in accordance with **SOP-01-4.2.1, Preparation and Revision of Documented Procedures.** These procedures provide the requirements for the preparation, review, approval, issue, distribution, and revision of documents controlled by the Chemistry and Chemical Engineering Division.
- 4.5.2 Documents may be controlled as Plans or Work Instructions and shall be accessible through the Division Intranet link, **Contract Requirements** as PDF files.
- 4.5.3 Nationally recognized test methods shall be of the most current issue or as specified in the purchase order. Task orders shall identify the applicable test methods to be used on the nuclear project.

**4.6 Acceptance of Services Only**

Not applicable to activities conducted within the Department of Analytical and Environmental Chemistry.

**4.7 Commercial Grade Items**

- 4.7.1 Where an item is to be incorporated into a test or deliverable to a client, and that item is not subject to design or specification requirements that are unique to nuclear facilities, used in applications other than nuclear facilities, and procured from the supplier on the specifications set forth in the manufacturers' published product and description, the item shall be considered "commercial grade".
- 4.7.2 Chemical reagents and standards used for testing purposes shall be ordered to specific chemical grades and certificates of analysis shall be required with each lot.
- 4.7.3 Controls for procurement planning, supplier selection, supplier performance evaluation, and acceptance of procured items and services other than chemical reagents and standards shall be as identified in **SOP-01-7.4.1, Purchasing**, and any referenced document within that procedure.
- 4.7.4 Receipt inspection of chemical reagents, standards, and test items for use on nuclear safety-related projects shall be performed by department personnel and documented on the *SwRI Receipt Traveler* or **FRM-109, Item Receipt Report**, as specified in **SOP-01-8.2.4, Monitoring and Measurement**. Any discrepancy such as a damaged container or container label shall be documented on the form and the client shall be contacted for disposition.
- 4.7.5 Prior to acceptance of a commercial grade item, the receipt inspection shall determine the following:
- (a) Damage was not sustained during shipment;
  - (b) The item has satisfied the specified acceptance criteria; and
  - (c) Specified documentation, as applicable to the item, was received and is acceptable.
- 4.7.6 Receipt inspection of chemical reagents and standards shall also consist of verification of chemical type, grade, container integrity, certificate of analysis, and shelf life, where applicable. Upon acceptance of chemical reagents and standards, the containers shall be labeled with the following:
- (a) Chemical name;
  - (b) Chemical grade;
  - (c) Lot code;

- 
- (d) Date received; and
  - (e) Shelf life, when applicable.
- 4.7.7 Expired shelf life items shall not be used for testing purposes.
- 4.7.8 Lot codes of chemical reagents and standards used during equipment standardization and testing shall be recorded on the individual testing data sheets to provide traceability.
- 4.7.9 Samples supplied to SwRI for testing shall be received by the Sample Custodian and logged into the laboratory logbook. Sample documentation and sample custody shall be maintained in accordance with TAP-01-0407-001, *Sample Receipt Inspection*, and TAP-01-0407-035, *Organic and Inorganic Sample Security*.
- 4.7.10 Samples supplied to SwRI for testing shall be labeled with the following:
- (a) Sample control number;
  - (b) Purchase order number;
  - (c) Purchase order line item number, as applicable;
  - (d) Task order number;
  - (e) Nuclear QA label; and
  - (f) Sample retention date, when applicable.
- 4.7.11 In the event that samples are damaged upon receipt, a **Sample Discrepancy Record** shall be generated from the Division Intranet.
- 4.7.12 The testing task order shall list the project number, tests required, test methods required, and shall be labeled *Nuclear Quality*.
- 4.7.13 Identification and traceability shall be maintained in accordance with SOP-01-7.5.1, *Item Identification and Traceability*.

#### 4.8 Inspection

- 4.8.1 Inspection for acceptance shall be performed by qualified persons other than those who conduct or directly supervise the work being inspected.
- 4.8.2 Institute Quality System (IQS) personnel shall perform surveillance activities as required to ensure compliance with the contract and this Quality Project Plan. Specific areas in which IQS may perform surveillance activities include, but are not limited to, the following:
  - (a) Receiving inspection and labeling of chemical reagents, standards, and testing samples;
  - (b) Testing processes;
  - (c) Calibration and major equipment;
  - (d) Sample and record retention; and
  - (e) Test records.

#### 4.9 Inspection and Testing

- 4.9.1 Required tests for acceptance shall be conducted under appropriate environmental conditions using the tools and equipment necessary to conduct the test in a manner to fulfill test requirements and acceptance criteria.
- 4.9.2 Tests shall be conducted, controlled, and verified in accordance with **SOP-01-8.2.4, *Monitoring and Measurement***.
- 4.9.3 Controls for measuring and test equipment shall be as specified in **SOP-01-7.6.1, *Control of Measuring and Test Equipment***.
- 4.9.4 Controls for identification, segregation, reporting, and resolution of nonconforming items and conditions shall be as specified in **SOP-01-8.3.1, *Nonconformance Reporting***.

#### 4.10 Handling, Storage, Packaging, Preservation, and Delivery

- 4.10.1 Controls for handling, storage, packaging, preservation, and delivery of items are identified in **SOP-01-7.5.3, *Handling, Storage, Packaging, Protection, and Delivery of Items***.
- 4.10.2 Samples specified on the purchase order to be returned to the client shall be prepared and packaged as specified on the purchase order. Each package shall be marked legibly and indelibly with the purchase order/release number and line item number(s) relevant to the package.

#### 4.11 Quality Assurance Records

- 4.11.1 Quality assurance records shall furnish documentary evidence that items or activities meet specified quality requirements. Documents that ensure this evidence include **TAP-01-0407-014**, *Inventory of Case File Purges*, and **SOP-01-4.2.4**, *Storage and Maintenance of Quality Records*. These documents and this QPP ensure that QA records shall be legible, identifiable, retrievable, and maintained in dual storage.
- 4.11.2 Records shall be traceable to associated items and activities and shall accurately reflect the work accomplished or information required.
- 4.11.3 Documents shall be considered valid records only if stamped, initialed or signed and dated by authorized personnel or otherwise authenticated.
- 4.11.4 Records of test analyses performed by the Department of Analytical and Environmental Chemistry are classified as *nonpermanent* and shall be retained for a minimum of five years. Nonpermanent records are those required to show evidence that an activity was performed in accordance with the applicable requirements, but need not be retained for the life of the item. Based on the use of the final data, the client shall be responsible for determining and implementing permanent storage requirements.
- 4.11.5 In order to satisfy duplicate storage requirements, one copy of the QA record shall be maintained by the Project Manager in Building 70 and a separate copy shall be maintained in the Division Quality Assurance Archives in Building 201. Storage requirements shall be as stated in **SOP-01-4.2.4**, *Storage and Maintenance of Quality Records*, to ensure protection against the risk of damage or destruction.

#### 4.12 10 CFR, Part 21

- 4.12.1 SwRI procurement documents shall include requirements for reporting and approving disposition of supplier nonconformances and, when required, compliance to 10 CFR, Part 21.
- 4.12.2 The Manager of Institute Quality Assurance or Director of Institute Quality Systems shall determine if a nonconforming condition is reportable under 10 CFR, Part 21, and initiate reporting and condition in accordance with the SwRI Operating Policies and Procedures (OPP). Safety hazards or defects that could create a substantial safety hazard shall be reported. Substantial safety hazard means a loss of safety function to the extent that there is a major reduction in the degree of protection provided to public health and safety.

#### 4.13 Certified Test Report

The Project Manager, Division 01 QA Manager, and IQS Management as complying with all contractual requirements shall certify test reports. The certified test report shall reference the purchase order/release number, the test methods performed, and the purchase order/release line item number.

CHEMISTRY AND CHEMICAL ENGINEERING DIVISION  
Division 01 Quality Project Plan

01-QPP-015  
Division 01  
Rev 6/June 2006  
Page 7 of 7

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#### 4.14 Valid Documents List

The Department of Analytical and Environmental Chemistry task order shall specify all applicable documents and appropriate document revision level for each document. The task order shall then serve as the Valid Documents List (VDL) for each individual project.

#### 5.0 HISTORY OF REVISIONS

Versions 0 through 3 of this plan are maintained on record in Division 01 Quality Assurance.

##### Revision 4

Title of document changed from the Standard Project Quality Plan *SPQP-CH/AN* to Quality Project Plan, *QPP-015*

Extensive revision to comply with Project Quality Plan PQP-Nuclear, *Nuclear Services*, which replaces SwRI NQAPM, *Nuclear Quality Assurance Program Manual*.

##### Revision 5

Revised 4.1.1 to include designated Division 01 QA staff to conduct pertinent nuclear training sessions to the SwRI Program Quality Plan (PQP-Nuclear), *Nuclear Services*

Revised step 4.2.4 to include Division QA as an entity along with IQS, to maintain documented evidence of qualifications.

##### Revision 6

Revised 4.13 to include "Division 01 QA Manager" for the minimum approval signatures for test procedures for nuclear utility final test reports and to replace "Institute Quality Assurance" with "IQS Management"





PERSONNEL SIGNATURE SHEET FOR PLANS

010062

I have read, and understand the document listed below. By affixing my signature below, I am aware that I am responsible for abiding by and following the requirements identified in the plan specified below. If I become aware of any deviations from this document, I will inform my supervisor.

Doc Number, Title, and (Rev No/Year): QPP-015, Performance of Chemical Analyses for Commercial Nulcar Power Plants within the Dept of Analytical and Environmental Chemistry (Rev 6/July 06)

Printed Name	Signature	Date	Tel Extension
Valerie DeJesus	<i>Valerie DeJesus</i>	07/20/06	3129
Warren A. Naegeli	<i>Warren A. Naegeli</i>	07/20/06	6079
Carolina Orduna	<i>Carolina Orduna</i>	7/20/06	3146
Dacia Harris	<i>[Signature]</i>	7-20-06	3423
Jackie Ranger	<i>Jackie Ranger</i>	7/20/06	3320
JAMES JOBS	<i>[Signature]</i>	07/20/06	8878
Bernie Villaseñor	<i>[Signature]</i>	7/20/06	2702
Radonna Spies	<i>Radonna Spies</i>	7/20/06	3242

Supervisor's/Manager's Signatures

The Personnel whose signatures appear above have been trained and certified in the contents of the document identified above:

Printed Name	Signature	Date	Tel Extension





PERSONNEL SIGNATURE SHEET FOR PLANS

I have read, and understand the document listed below. By affixing my signature below, I am aware that I am responsible for abiding by and following the requirements identified in the plan specified below. If I become aware of any deviations from this document, I will inform my supervisor.

Doc Number, Title, QPP-015, Performance of Chemical Analyses for Commercial Nuclear Power Plants and (Rev No/Year): within the Department of Analytical & Environmental Chemistry (Rev 6/July 06)

Printed Name	Signature	Date	Tel Extension
Radonna Spies	<i>[Signature]</i>	9/26/06	3242
Bonnie J. Hascow	<i>[Signature]</i>	10/2/06	2702
Carina Harris	<i>[Signature]</i>	10-2-06	3423
Carolina Orduna	<i>[Signature]</i>	10/2/06	3146
Jackie Ranger	<i>[Signature]</i>	10/2/06	3320
Terence O'Brien	<i>[Signature]</i>	10/2/06	x 3066
Daniel Ramirez	<i>[Signature]</i>	10/2/06	3867
Jennifer Willis	<i>[Signature]</i>	10/2/06	3129
John Wilks	<i>[Signature]</i>	10-2-06	<del>5046</del>
Jose Cardenas	<i>[Signature]</i>	10-3-06	<del>5046</del>
Khaled Edrisi	<i>[Signature]</i>	10-3-06	5046
JAMES JOOS	<i>[Signature]</i>	10/03/06	5897
Warren A. Naegeli	<i>[Signature]</i>	10/03/06	11723

*[Large diagonal signature area with handwritten 'R' and '10/16/06']*

Supervisor's/Manager's Signatures

The Personnel whose signatures appear above have been trained and certified in the contents of the document identified above:

Printed Name	Signature	Date	Tel Extension
Mike Damm	<i>[Signature]</i>	10-6-06	5728



PERSONNEL SIGNATURE SHEET FOR PLANS

010065

I have read, and understand the document listed below. By affixing my signature below, I am aware that I am responsible for abiding by and following the requirements identified in the plan specified below. If I become aware of any deviations from this document, I will inform my supervisor.

Doc Number, Title, and (Rev No/Year): QPP-015, Performance of Chemical Analyses for Commercial Nuclear Power Plants within the Dept of Analytical and Environmental Chemistry (Rev 6/July 06)

Table with 4 columns: Printed Name, Signature, Date, Tel Extension. Rows include Alice Yau, Rudy Balderaz, Michelle Zuniga, David Camann, Gang Sun, Jackie Clothier, and Kevin Shannon.

Supervisor's/Manager's Signatures

The Personnel whose signatures appear above have been trained and certified in the contents of the document identified above.

Table with 4 columns: Printed Name, Signature, Date, Tel Extension. Row includes Lorraine Scheller.

**010066**

**SOUTHWEST RESEARCH INSTITUTE**

**NUCLEAR PROJECT**

**CLIENT: Division 20**

**TASK ORDER: 070125-1**

**SRR: 30286**

**SDG: 292486**

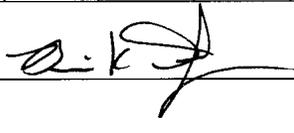
**CASE: R. Spies**

**VTSR: 24 Jan 2007**

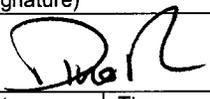
**PROJECT#: 06002.01.222**

## **Chain of Custody/Login Paperwork**

28287

Shipper Name/ Address		<b>SAMPLE LIST/CHAIN OF CUSTODY</b> Southwest Research Institute Chemistry and Chemical Engineering Division 6220 Culebra Road San Antonio, Texas 78238-5166										Requested Turnaround:	
												2 Weeks	3 Weeks
Client		Client Purchase Order/Other ID					Site/Zone ID					SwRI Contact	
												Xihua He XS194	
Analyses Requested												REMARKS	
Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers	QA Nuclear						Preservation a = HCl to pH <2 b = HNO <sub>3</sub> to pH <2 c = H <sub>2</sub> SO <sub>4</sub> to pH <2 d = NaOH to pH >12 e = Cool (4°C±2°C) f = Other (specify)	
SS1-7	1/23/07	9:00	L		1								
PW3-7					1								
CSDI-07B					1								
CSDI-07A					1								
CSSNA1-3A					1								
CSSNA1-3B					1								
CSSNA2-3A					1								
CSSNA2-3B					1								
CSSNA3-3A					1								
CSSNA3-1A					1								
<b>Matrix Types:</b> A - Air B - Biota D - Dust E - Emission/Stack L - Liquid P - Product Sd - Solid S - Soil SED - Sediment T - Tissue W - Water WP - Wipe		<b>Sample Types:</b> D - Duplicate ER - Equipment Rinsate ES - Environmental Sample FB - Field Blank FD - Field Duplicate MS - Matrix Spike MSD - Matrix Spike Dup TB - Trip Blank		Relinquished by (Print/Signature) Brian K. Deby / 				Date	Time	SwRI Project#:			
Temp: 22.0°C Therm #: 027				Received by (Print/Signature)				Date	Time	Received by SwRI Lab: (Signature)			
Comments: Rec'd Intact				Relinquished by (Print/Signature)				Date	Time	Date			
								Date	Time	Time			
								Samples Disposed:					
								Date	Time	Date			
								Samples Disposed by:					

Client: DIV. 20  
 SRR #30286  
 Project #06002.01.222  
 VTSR: 01/24/07 0945  
 Case: CNWRA  
 Sample(s) Received Intact  
 Temp.: 22.0 °C/Therm. #027

SwRI Project#: 20.06002.01.222  
 Received by SwRI Lab: (Signature)   
 Date: 1/24/07 Time: 0945  
 Samples Disposed:  
 Date: Time:

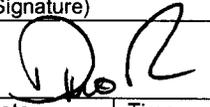
010067

28287

Shipper Name/ Address		<b>SAMPLE LIST/CHAIN OF CUSTODY</b> Southwest Research Institute Chemistry and Chemical Engineering Division 6220 Culebra Road San Antonio, Texas 78238-5166										Requested Turnaround:	
												2 Weeks	3 Weeks <input checked="" type="checkbox"/>
Client		Client Purchase Order/Other ID					Site/Zone ID					SwRI Contact	
		Xihua He Div 20 X5194										Xihua He X5194	
Analyses Requested												REMARKS Preservation a = HCl to pH <2 b = HNO <sub>3</sub> to pH <2 c = H <sub>2</sub> SO <sub>4</sub> to pH <2 d = NaOH to pH >12 e = Cool (4°C±2°C) f = Other (specify)	
Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers								
CSSNA1-1A	1/23/07	9:00	L		1								
CSSNA1-1B					1								
CSSNA1-2A					1								
CSSNA1-2B					1								
CSSNA2-1A					1								
CSSNA2-1B					1								
CSSNA2-2A					1								
CSSNA2-2B					1								
CSSNA3-2A					1								
<b>Matrix Types:</b> A - Air B - Biota D - Dust E - Emission/Stack L - Liquid P - Product Sd - Solid S - Soil SED - Sediment T - Tissue W - Water WP - Wipe		<b>Sample Types:</b> D - Duplicate ER - Equipment Rinsate ES - Environmental Sample FB - Field Blank FD - Field Duplicate MS - Matrix Spike MSD - Matrix Spike Dup TB - Trip Blank		Relinquished by (Print/Signature) Received by (Print/Signature)			Date Time		SwRI Project#:				
Temp: 22.0°C		Therm #: 622		Relinquished by (Print/Signature) Received by (Print/Signature)			Date Time		Received by SwRI Lab: (Signature)				
Comments: Rec'd Intact		Relinquished by (Print/Signature)			Date Time		Date Time		Samples Disposed: Date Time				

Client: DIV. 20  
 SRR #30286  
 Project #06002.01.222  
 VTSR: 01/24/07 0945  
 Case: CNWRA  
 Sample(s) Received Intact  
 Temp.: 22.0 °C/Therm. #027

Beian K. Derby / 



010068

SAMPLE LOG-IN SHEET

010069

Page 1 of 1  
Log-in Date  
01/24/2007

Lab Name  
Southwest Research Institute

Received By (Print Name)

DINO ROMAN

Received By (Signature)



Case Number

CNWRA

Remarks: 06002.01.222

Sample Delivery Group No.

SAS Number

N/A

Remarks:  
Condition of Sample  
Shipment, etc

			Corresponding			
			EPA Sample #	Sample Tag #	Assigned Lab #	
1. Custody Seal(s)	Present <del>Absent*</del> Intact/Broken		CSDI-07A	None	292486	Intact
2. Custody Seal Nos.	N/A		CSDI-07B	None	292487	Intact
			CSSNA1-1A	None	292488	Intact
3. Chain-of Custody Records	<del>Present</del> /Absent*		CSSNA1-1B	None	292489	Intact
4. Traffic Reports or Packing Lists	Present <del>Absent</del>		CSSNA1-2A	None	292490	Intact
5. Airbill	Airbill/Sticker <del>Present</del> /Absent*		CSSNA1-2B	None	292491	Intact
6. Airbill No.	HAND DELIVERED		CSSNA1-3A	None	292492	Intact
			CSSNA1-3B	None	292493	Intact
7. Sample Tags	Present <del>Absent</del>		CSSNA2-1A	None	292494	Intact
Sample Tag Numbers	Listed <del>Not</del> listed on Chain of Custody		CSSNA2-1B	None	292495	Intact
			CSSNA3-2A	None	292496	Intact
8. Sample Condition	<del>Intact</del> /Broken*/ Leaking		CSSNA2-2A	None	292497	Intact
9. Cooler Temperature	22.0C		CSSNA2-2B	None	292498	Intact
10. Does Information on custody records, traffic reports, and sample tags agree?	<del>Yes</del> /No*		CSSNA2-3A	None	292499	Intact
			CSSNA2-3B	None	292500	Intact
11. Date Received at Lab	01/24/2007		CSSNA3-1A	None	292501	Intact
			CSSNA3-3A	None	292502	Intact
12. Time Received	09:45:00		PW3-7	None	292503	Intact
			SS1-7	None	292504	Intact

Fraction

Fraction

Area #

Area #

By

By

DINO ROMAN

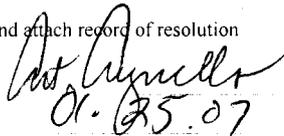
On

On

01/24/2007

\* Contact SMO and attach record of resolution

Reviewed By



Date

01.25.07

Logbook No.

Sample Receipt (30286)

Logbook Page No.

✓ 6057 SEC 1, 2 of 3

**010070**

**SOUTHWEST RESEARCH INSTITUTE  
NUCLEAR PROJECT**

**CLIENT: Division 20**

**TASK ORDER: 070125-1**

**SRR: 30286**

**SDG: 292486**

**CASE: R. Spies**

**VTSR: 24 Jan 2007**

**PROJECT#: 06002.01.222**

**Copies of Login Book**

# Sample Login Book

Jan 24, 2007

# 010071

SwRI Login Area  
Division 1

Sample Receipt: 30284		Project: 12673.04.00X	Client: Battelle Energy
VTSR Date: Jan 24, 2007		VTSR Time: 08:30:00	Manager: DAMMANN, MIKE
System ID	Customer Sample ID	Matrix	
292457	BEA007381_MFCIWD	Wastewater	
292458	BEA007382_MFCIWD	Wastewater	
292459	BEA007385_MFCIWD	Wastewater	
292460	BEA007386_MFCIWD	Wastewater	
292461	BEA007387_MFCIWD	Wastewater	
292462	BEA007388_MFCIWD	Wastewater	
292463	BEA007389_MFCIWD	Wastewater	
292464	BEA007390_MFCIWD	Wastewater	
292465	BEA007391_MFCIWD	Wastewater	
292466	BEA007392_MFCIWD	Wastewater	
292467	BEA007405_MFCSSL	Wastewater	
292468	BEA007406_MFCSSL	Wastewater	
292469	BEA007408_MFCSSL	Wastewater	
292470	BEA007409_MFCSSL	Wastewater	
292471	BEA007410_MFCSSL	Wastewater	
292472	BEA007412_MFCSSL	Wastewater	
292473	BEA007413_MFCSSL	Wastewater	
292474	BEA007414_MFCSSL	Wastewater	
292475	BEA007415_MFCSSL	Wastewater	
292476	BEA007416_MFCSSL	Wastewater	
292477	BEA007417_MFCSSL	Wastewater	
292478	BEA007418_MFCSSL	Wastewater	

Sample Receipt: 30285		Project: 10013.05.00X	Client: BWXT Pantex LLC
VTSR Date: Jan 24, 2007		VTSR Time: 08:30:00	Manager: DAMMANN, MIKE
System ID	Customer Sample ID	Matrix	
292479	20070122SV0001	Air	

Sample Receipt: 30286		Project: 06002.01.222	Client: Div. 20
VTSR Date: Jan 24, 2007		VTSR Time: 09:45:00	Manager: DAMMANN, MIKE
System ID	Customer Sample ID	Matrix	
292486	CSDI-07A	Liquid	

# Sample Login Book

Jan 24, 2007

010072

SwRI Login Area  
Division 1

Sample Receipt: 30286		Project: 06002.01.222	Client: Div. 20
VTSR Date: Jan 24, 2007		VTSR Time: 09:45:00	Manager: DAMMANN, MIKE
System ID	Customer Sample ID	Matrix	
292487	CSDI-07B	Liquid	
292488	CSSNA1-1A	Liquid	
292489	CSSNA1-1B	Liquid	
292490	CSSNA1-2A	Liquid	
292491	CSSNA1-2B	Liquid	
292492	CSSNA1-3A	Liquid	
292493	CSSNA1-3B	Liquid	
292494	CSSNA2-1A	Liquid	
292495	CSSNA2-1B	Liquid	
292496	CSSNA3-2A	Liquid	
292497	CSSNA2-2A	Liquid	
292498	CSSNA2-2B	Liquid	
292499	CSSNA2-3A	Liquid	
292500	CSSNA2-3B	Liquid	
292501	CSSNA3-1A	Liquid	
292502	CSSNA3-3A	Liquid	
292503	PW3-7	Liquid	
292504	SS1-7	Liquid	

Sample Receipt: 30287		Project: 18057.01.125	Client: Div. 18
VTSR Date: Jan 24, 2007		VTSR Time: 14:13:00	Manager: RANGER, JACKIE
System ID	Customer Sample ID	Matrix	
292509	Cleaning Solution	Liquid	
292510	Green Residue	Solid	
292511	White Residue	Solid	

Sample Receipt: 30288		Project: 12600.11.004	Client: Development Prod
VTSR Date: Jan 24, 2007		VTSR Time: 15:12:00	Manager: SCHATTENBERG, HERB
System ID	Customer Sample ID	Matrix	
292512	Acids-S 12407A-S	Soil	

**010073**

**SOUTHWEST RESEARCH INSTITUTE**

**NUCLEAR PROJECT**

**CLIENT: Division 20**

**TASK ORDER: 070125-1**

**SRR: 30286**

**SDG: 292486**

**CASE: R. Spies**

**VTSR: 24 Jan 2007**

**PROJECT#: 06002.01.222**

**RAW DATA**

Div 20  
to#070125-1  
06002.01.222

010074

Sample  
2/14/07

292489 for Mg

0.13416 ug/ml x 5ml

✓ 1407

0.2ml

= 3.35 mg  
L

Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
PBW-B01H1	Ag3280	0.100	U		mg/L	0.1				0.004	-0.022	-0.022	1	0.1	-0.00088	02/01/07	10:27
PBW-B01H1	Al3082	1.00	U		mg/L	1				0.04	0.05625	0.0563	1	1	0.00225	02/01/07	10:27
PBW-B01H1	As1890	0.125	U		mg/L	0.125				0.005	-0.03475	-0.0348	1	0.125	-0.00139	02/01/07	10:27
PBW-B01H1	B_2496	0.500	U		mg/L	0.5				0.02	0.1225	0.123	1	0.5	0.0049	02/01/07	10:27
PBW-B01H1	Ba4934	0.100	U		mg/L	0.1				0.004	0.001	0.001	1	0.1	0.00004	02/01/07	10:27
PBW-B01H1	Be3130	0.100	U		mg/L	0.1				0.004	0.00125	0.00125	1	0.1	0.00005	02/01/07	10:27
PBW-B01H1	Bi2230	0.250	U		mg/L	0.25				0.01	-0.096	-0.096	1	0.25	-0.00384	02/01/07	10:27
PBW-B01H1	Ca3179	1.00	U		mg/L	1				0.04	0.09825	0.0983	1	1	0.00393	02/01/07	10:27
PBW-B01H1	Cd2265	0.100	U		mg/L	0.1				0.004	0.0005	0.0005	1	0.1	0.00002	02/01/07	10:27
PBW-B01H1	Co2286	0.100	U		mg/L	0.1				0.004	0.01125	0.0113	1	0.1	0.00045	02/01/07	10:27
PBW-B01H1	Cr2677	0.100	U		mg/L	0.1				0.004	0.003	0.003	1	0.1	0.00012	02/01/07	10:27
PBW-B01H1	Cu3247	0.100	U		mg/L	0.1				0.004	-0.00025	-0.00025	1	0.1	-0.00001	02/01/07	10:27
PBW-B01H1	Fe2714	1.25	U		mg/L	1.25				0.05	-0.26275	-0.263	1	1.25	-0.01051	02/01/07	10:27
PBW-B01H1	La3988	0.100	U		mg/L	0.1				0.004	-0.0215	-0.0215	1	0.1	-0.00086	02/01/07	10:27
PBW-B01H1	Mg2790	1.00	U		mg/L	1				0.04	-0.0395	-0.0395	1	1	-0.00158	02/01/07	10:27
PBW-B01H1	Mn2576	0.100	U		mg/L	0.1				0.004	0	0	1	0.1	0	02/01/07	10:27
PBW-B01H1	Mo2020	0.100	U		mg/L	0.1				0.004	0.0155	0.0155	1	0.1	0.00062	02/01/07	10:27
PBW-B01H1	Ni2316	0.100	U		mg/L	0.1				0.004	-0.00475	-0.00475	1	0.1	-0.00019	02/01/07	10:27
PBW-B01H1	P_1782	0.500	U		mg/L	0.5				0.02	0.13125	0.131	1	0.5	0.00525	02/01/07	10:27
PBW-B01H1	Pd3404	0.200	U		mg/L	0.2				0.008	-0.0325	-0.0325	1	0.2	-0.0013	02/01/07	10:27
PBW-B01H1	S_1820	0.500	U		mg/L	0.5				0.02	-0.181	-0.181	1	0.5	-0.00724	02/01/07	10:27
PBW-B01H1	Sb2068	0.250	U		mg/L	0.25				0.01	-0.04875	-0.0488	1	0.25	-0.00195	02/01/07	10:27
PBW-B01H1	Si2881	0.500	U		mg/L	0.5				0.02	0.03775	0.0378	1	0.5	0.00151	02/01/07	10:27
PBW-B01H1	Pb220	0.100	U		mg/L	0.1				0.004	-0.01975	-0.0198	1	0.1	-0.00079	02/01/07	10:27
PBW-B01H1	Se196	0.150	U		mg/L	0.15				0.006	0.00675	0.00675	1	0.15	0.00027	02/01/07	10:27
PBW-B01H1	Sn1899	0.125	U		mg/L	0.125				0.005	0.0115	0.0115	1	0.125	0.00046	02/01/07	10:27
PBW-B01H1	Sr4215	0.125	U		mg/L	0.125				0.005	-0.00025	-0.00025	1	0.125	-0.00001	02/01/07	10:27
PBW-B01H1	Th2837	0.375	U		mg/L	0.375				0.015	0.01125	0.0113	1	0.375	0.00045	02/01/07	10:27
PBW-B01H1	Ti3349	0.100	U		mg/L	0.1				0.004	-0.00025	-0.00025	1	0.1	-0.00001	02/01/07	10:27
PBW-B01H1	Tl1908	0.250	U		mg/L	0.25				0.01	-0.009	-0.009	1	0.25	-0.00036	02/01/07	10:27
PBW-B01H1	U_4090	2.50	U		mg/L	2.5				0.1	-0.7265	-0.727	1	2.5	-0.02906	02/01/07	10:27
PBW-B01H1	V_2924	0.100	U		mg/L	0.1				0.004	-0.005	-0.005	1	0.1	-0.0002	02/01/07	10:27
PBW-B01H1	W_2079	0.250	U		mg/L	0.25				0.01	-0.0025	-0.0025	1	0.25	-0.0001	02/01/07	10:27
PBW-B01H1	Y_3710	0.100	U		mg/L	0.1				0.004	0.00025	0.00025	1	0.1	0.00001	02/01/07	10:27
PBW-B01H1	Zn2062	0.100	U		mg/L	0.1				0.004	-0.0005	-0.0005	1	0.1	-0.00002	02/01/07	10:27
PBW-B01H1	Zr3496	0.100	U		mg/L	0.1				0.004	-0.00525	-0.00525	1	0.1	-0.00021	02/01/07	10:27
LCSW-B01H1	Ag3280	0.0486			mg/L	0.004		97.2%	0.05	0.004	0.04859	0.0486	1	0.004	0.04859	02/01/07	10:32
LCSW-B01H1	Al3082	1.94			mg/L	0.04		97.0%	2	0.04	1.94498	1.94	1	0.04	1.94498	02/01/07	10:32
LCSW-B01H1	As1890	2.00			mg/L	0.005		100.0%	2	0.005	2.00262	2	1	0.005	2.00262	02/01/07	10:32

Div 20  
to#070125-1  
06002.01.222

010075

Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
LCSW-B01H1	B_2496	0.0200	U		mg/L	0.02			0	0.02	0.00442	0.00442	1	0.02	0.00442	02/01/07	10:32
LCSW-B01H1	Ba4934	2.00			mg/L	0.004		100.0%	2	0.004	2.00064	2	1	0.004	2.00064	02/01/07	10:32
LCSW-B01H1	Be3130	0.0488			mg/L	0.004		97.6%	0.05	0.004	0.04878	0.0488	1	0.004	0.04878	02/01/07	10:32
LCSW-B01H1	Bi2230	0.0100	U		mg/L	0.01			0	0.01	0.00382	0.00382	1	0.01	0.00382	02/01/07	10:32
LCSW-B01H1	Ca3179	19.9			mg/L	0.04		99.5%	20	0.04	19.9133	19.9	1	0.04	19.9133	02/01/07	10:32
LCSW-B01H1	Cd2265	0.0486			mg/L	0.004		97.2%	0.05	0.004	0.04857	0.0486	1	0.004	0.04857	02/01/07	10:32
LCSW-B01H1	Co2286	0.490			mg/L	0.004		98.0%	0.5	0.004	0.48971	0.49	1	0.004	0.48971	02/01/07	10:32
LCSW-B01H1	Cr2677	0.191			mg/L	0.004		95.5%	0.2	0.004	0.1906	0.191	1	0.004	0.1906	02/01/07	10:32
LCSW-B01H1	Cu3247	0.245			mg/L	0.004		98.0%	0.25	0.004	0.24533	0.245	1	0.004	0.24533	02/01/07	10:32
LCSW-B01H1	Fe2714	1.14			mg/L	0.05		114.0%	1	0.05	1.13741	1.14	1	0.05	1.13741	02/01/07	10:32
LCSW-B01H1	La3988	0.00400	U		mg/L	0.004			0	0.004	0.00031	0.00031	1	0.004	0.00031	02/01/07	10:32
LCSW-B01H1	Mg2790	20.3			mg/L	0.04		101.5%	20	0.04	20.25465	20.3	1	0.04	20.25465	02/01/07	10:32
LCSW-B01H1	Mn2576	0.490			mg/L	0.004		98.0%	0.5	0.004	0.48966	0.49	1	0.004	0.48966	02/01/07	10:32
LCSW-B01H1	Mo2020	0.00400	U		mg/L	0.004			0	0.004	0.0011	0.0011	1	0.004	0.0011	02/01/07	10:32
LCSW-B01H1	Ni2316	0.481			mg/L	0.004		96.2%	0.5	0.004	0.48056	0.481	1	0.004	0.48056	02/01/07	10:32
LCSW-B01H1	P_1782	0.0200	U		mg/L	0.02			0	0.02	0.0003	0.0003	1	0.02	0.0003	02/01/07	10:32
LCSW-B01H1	Pd3404	0.00800	U		mg/L	0.008			0	0.008	0.00173	0.00173	1	0.008	0.00173	02/01/07	10:32
LCSW-B01H1	S_1820	0.0200	U		mg/L	0.02			0	0.02	-0.00912	-0.00912	1	0.02	-0.00912	02/01/07	10:32
LCSW-B01H1	Sb2068	0.493			mg/L	0.01		98.6%	0.5	0.01	0.49252	0.493	1	0.01	0.49252	02/01/07	10:32
LCSW-B01H1	Si2881	0.0200	U		mg/L	0.02			0	0.02	0.01615	0.0162	1	0.02	0.01615	02/01/07	10:32
LCSW-B01H1	Pb220	0.482			mg/L	0.004		96.4%	0.5	0.004	0.48243	0.482	1	0.004	0.48243	02/01/07	10:32
LCSW-B01H1	Se196	2.05			mg/L	0.006		102.5%	2	0.006	2.05308	2.05	1	0.006	2.05308	02/01/07	10:32
LCSW-B01H1	Sn1899	0.00500	U		mg/L	0.005			0	0.005	0.00122	0.00122	1	0.005	0.00122	02/01/07	10:32
LCSW-B01H1	Sr4215	0.00500	U		mg/L	0.005			0	0.005	0.00036	0.00036	1	0.005	0.00036	02/01/07	10:32
LCSW-B01H1	Th2837	0.0250	U		mg/L	0.025			0	0.025	-0.0226	-0.0226	1	0.025	-0.0226	02/01/07	10:32
LCSW-B01H1	Ti3349	0.00400	U		mg/L	0.004			0	0.004	0.0002	0.0002	1	0.004	0.0002	02/01/07	10:32
LCSW-B01H1	Ti1908	2.05			mg/L	0.01		102.5%	2	0.01	2.05157	2.05	1	0.01	2.05157	02/01/07	10:32
LCSW-B01H1	U_4090	0.100	U		mg/L	0.1			0	0.1	-0.00536	-0.00536	1	0.1	-0.00536	02/01/07	10:32
LCSW-B01H1	V_2924	0.483			mg/L	0.004		96.6%	0.5	0.004	0.48345	0.483	1	0.004	0.48345	02/01/07	10:32
LCSW-B01H1	W_2079	0.0100	U		mg/L	0.01			0	0.01	0.00394	0.00394	1	0.01	0.00394	02/01/07	10:32
LCSW-B01H1	Y_3710	0.00400	U		mg/L	0.004			0	0.004	-0.00018	-0.00018	1	0.004	-0.00018	02/01/07	10:32
LCSW-B01H1	Zn2062	0.481			mg/L	0.004		96.2%	0.5	0.004	0.48122	0.481	1	0.004	0.48122	02/01/07	10:32
LCSW-B01H1	Zr3496	0.00400	U		mg/L	0.004			0	0.004	0.00034	0.00034	1	0.004	0.00034	02/01/07	10:32
292486	Ag3280	0.100	U		mg/L	0.1				0.004	-0.002	-0.002	1	0.1	-0.00008	02/01/07	10:37
292486	Al3082	1.00	U		mg/L	1				0.04	-0.015	-0.015	1	1	-0.0006	02/01/07	10:37
292486	As1890	0.125	U		mg/L	0.125				0.005	-0.0005	-0.0005	1	0.125	-0.00002	02/01/07	10:37
292486	B_2496	0.998			mg/L	0.5				0.02	0.998	0.998	1	0.5	0.03992	02/01/07	10:37
292486	Ba4934	0.100	U		mg/L	0.1				0.004	0.007	0.007	1	0.1	0.00028	02/01/07	10:37
292486	Be3130	0.100	U		mg/L	0.1				0.004	0.0005	0.0005	1	0.1	0.00002	02/01/07	10:37

Div 20  
to#070125-1  
06002.01.222

010076

Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292486	Bi2230	0.250	U		mg/L	0.25				0.01	-0.12625	-0.126	1	0.25	-0.00505	02/01/07	10:37
292486	Ca3179	1.00	U		mg/L	1				0.04	0.989	0.989	1	1	0.03956	02/01/07	10:37
292486	Cd2265	0.100	U		mg/L	0.1				0.004	0.00425	0.00425	1	0.1	0.00017	02/01/07	10:37
292486	Co2286	0.100	U		mg/L	0.1				0.004	0.024	0.024	1	0.1	0.00096	02/01/07	10:37
292486	Cr2677	0.100	U		mg/L	0.1				0.004	0.026	0.026	1	0.1	0.00104	02/01/07	10:37
292486	Cu3247	0.100	U		mg/L	0.1				0.004	0.04225	0.0423	1	0.1	0.00169	02/01/07	10:37
292486	Fe2714	1.25	U		mg/L	1.25				0.05	0.28575	0.286	1	1.25	0.01143	02/01/07	10:37
292486	La3988	0.100	U		mg/L	0.1				0.004	-0.00225	-0.00225	1	0.1	-0.00009	02/01/07	10:37
292486	Mg2790	1.00	U		mg/L	1				0.04	0.13375	0.134	1	1	0.00535	02/01/07	10:37
292486	Mn2576	0.100	U		mg/L	0.1				0.004	0.0175	0.0175	1	0.1	0.0007	02/01/07	10:37
292486	Mo2020	0.100	U		mg/L	0.1				0.004	0.023	0.023	1	0.1	0.00092	02/01/07	10:37
292486	Ni2316	0.100	U		mg/L	0.1				0.004	0.021	0.021	1	0.1	0.00084	02/01/07	10:37
292486	P_1782	0.500	U		mg/L	0.5				0.02	0.12675	0.127	1	0.5	0.00507	02/01/07	10:37
292486	Pd3404	0.200	U		mg/L	0.2				0.008	0.078	0.078	1	0.2	0.00312	02/01/07	10:37
292486	S_1820	8.73			mg/L	0.5				0.02	8.728	8.73	1	0.5	0.34912	02/01/07	10:37
292486	Sb2068	0.250	U		mg/L	0.25				0.01	-0.045	-0.045	1	0.25	-0.0018	02/01/07	10:37
292486	Si2881	1.10			mg/L	0.5				0.02	1.09575	1.1	1	0.5	0.04383	02/01/07	10:37
292486	Pb220	0.100	U		mg/L	0.1				0.004	-0.00225	-0.00225	1	0.1	-0.00009	02/01/07	10:37
292486	Se196	0.150	U		mg/L	0.15				0.006	-0.0465	-0.0465	1	0.15	-0.00186	02/01/07	10:37
292486	Sn1899	0.125	U		mg/L	0.125				0.005	0.001	0.001	1	0.125	0.00004	02/01/07	10:37
292486	Sr4215	0.125	U		mg/L	0.125				0.005	0.001	0.001	1	0.125	0.00004	02/01/07	10:37
292486	Th2837	0.375	U		mg/L	0.375				0.015	0.09075	0.0908	1	0.375	0.00363	02/01/07	10:37
292486	Ti3349	0.100	U		mg/L	0.1				0.004	0.00375	0.00375	1	0.1	0.00015	02/01/07	10:37
292486	Tl1908	0.250	U		mg/L	0.25				0.01	-0.06225	-0.0623	1	0.25	-0.00249	02/01/07	10:37
292486	U_4090	2.50	U		mg/L	2.5				0.1	-0.0435	-0.0435	1	2.5	-0.00174	02/01/07	10:37
292486	V_2924	0.100	U		mg/L	0.1				0.004	0.03025	0.0303	1	0.1	0.00121	02/01/07	10:37
292486	W_2079	0.250	U		mg/L	0.25				0.01	0.05	0.05	1	0.25	0.002	02/01/07	10:37
292486	Y_3710	0.100	U		mg/L	0.1				0.004	0.00575	0.00575	1	0.1	0.00023	02/01/07	10:37
292486	Zn2062	0.100	U		mg/L	0.1				0.004	0.014	0.014	1	0.1	0.00056	02/01/07	10:37
292486	Zr3496	0.100	U		mg/L	0.1				0.004	0.0245	0.0245	1	0.1	0.00098	02/01/07	10:37
292487	Ag3280	0.100	U		mg/L	0.1				0.004	-0.0145	-0.0145	1	0.1	-0.00058	02/01/07	10:42
292487	Al3082	1.00	U		mg/L	1				0.04	0.069	0.069	1	1	0.00276	02/01/07	10:42
292487	As1890	0.125	U		mg/L	0.125				0.005	0.047	0.047	1	0.125	0.00188	02/01/07	10:42
292487	B_2496	0.959			mg/L	0.5				0.02	0.959	0.959	1	0.5	0.03836	02/01/07	10:42
292487	Ba4934	0.100	U		mg/L	0.1				0.004	0.00675	0.00675	1	0.1	0.00027	02/01/07	10:42
292487	Be3130	0.100	U		mg/L	0.1				0.004	0.0015	0.0015	1	0.1	0.00006	02/01/07	10:42
292487	Bi2230	0.250	U		mg/L	0.25				0.01	0.00375	0.00375	1	0.25	0.00015	02/01/07	10:42
292487	Ca3179	1.15			mg/L	1				0.04	1.14775	1.15	1	1	0.04591	02/01/07	10:42
292487	Cd2265	0.100	U		mg/L	0.1				0.004	0.00475	0.00475	1	0.1	0.00019	02/01/07	10:42

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010077

Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292487	Co2286	0.100	U		mg/L	0.1				0.004	-0.00375	-0.00375	1	0.1	-0.00015	02/01/07	10:42
292487	Cr2677	0.100	U		mg/L	0.1				0.004	0.00025	0.00025	1	0.1	0.00001	02/01/07	10:42
292487	Cu3247	0.100	U		mg/L	0.1				0.004	0.0385	0.0385	1	0.1	0.00154	02/01/07	10:42
292487	Fe2714	1.25	U		mg/L	1.25				0.05	-0.113	-0.113	1	1.25	-0.00452	02/01/07	10:42
292487	La3988	0.100	U		mg/L	0.1				0.004	-0.0185	-0.0185	1	0.1	-0.00074	02/01/07	10:42
292487	Mg2790	1.00	U		mg/L	1				0.04	0.08575	0.0858	1	1	0.00343	02/01/07	10:42
292487	Mn2576	0.100	U		mg/L	0.1				0.004	0.0195	0.0195	1	0.1	0.00078	02/01/07	10:42
292487	Mo2020	0.100	U		mg/L	0.1				0.004	0.00425	0.00425	1	0.1	0.00017	02/01/07	10:42
292487	Ni2316	0.100	U		mg/L	0.1				0.004	0.03225	0.0323	1	0.1	0.00129	02/01/07	10:42
292487	P_1782	0.500	U		mg/L	0.5				0.02	0.03025	0.0303	1	0.5	0.00121	02/01/07	10:42
292487	Pd3404	0.200	U		mg/L	0.2				0.008	0.01175	0.0118	1	0.2	0.00047	02/01/07	10:42
292487	S_1820	8.99			mg/L	0.5				0.02	8.98725	8.99	1	0.5	0.35949	02/01/07	10:42
292487	Sb2068	0.250	U		mg/L	0.25				0.01	0.029	0.029	1	0.25	0.00116	02/01/07	10:42
292487	Si2881	1.15			mg/L	0.5				0.02	1.14975	1.15	1	0.5	0.04599	02/01/07	10:42
292487	Pb220	0.100	U		mg/L	0.1				0.004	0.02	0.02	1	0.1	0.0008	02/01/07	10:42
292487	Se196	0.150	U		mg/L	0.15				0.006	-0.03525	-0.0353	1	0.15	-0.00141	02/01/07	10:42
292487	Sn1899	0.125	U		mg/L	0.125				0.005	-0.0015	-0.0015	1	0.125	-0.00006	02/01/07	10:42
292487	Sr4215	0.125	U		mg/L	0.125				0.005	0.00125	0.00125	1	0.125	0.00005	02/01/07	10:42
292487	Th2837	0.375	U		mg/L	0.375				0.015	0.08025	0.0803	1	0.375	0.00321	02/01/07	10:42
292487	Ti3349	0.100	U		mg/L	0.1				0.004	-0.0025	-0.0025	1	0.1	-0.0001	02/01/07	10:42
292487	Tl1908	0.250	U		mg/L	0.25				0.01	-0.03325	-0.0333	1	0.25	-0.00133	02/01/07	10:42
292487	U_4090	2.50	U		mg/L	2.5				0.1	-0.771	-0.771	1	2.5	-0.03084	02/01/07	10:42
292487	V_2924	0.100	U		mg/L	0.1				0.004	-0.00375	-0.00375	1	0.1	-0.00015	02/01/07	10:42
292487	W_2079	0.250	U		mg/L	0.25				0.01	0.04475	0.0448	1	0.25	0.00179	02/01/07	10:42
292487	Y_3710	0.100	U		mg/L	0.1				0.004	0.00025	0.00025	1	0.1	0.00001	02/01/07	10:42
292487	Zn2062	0.100	U		mg/L	0.1				0.004	0.049	0.049	1	0.1	0.00196	02/01/07	10:42
292487	Zr3496	0.100	U		mg/L	0.1				0.004	0	0	1	0.1	0	02/01/07	10:42
292488	Ag3280	0.100	U		mg/L	0.1				0.004	-0.00375	-0.00375	1	0.1	-0.00015	02/01/07	10:47
292488	Al3082	1.00	U		mg/L	1				0.04	0.00975	0.00975	1	1	0.00039	02/01/07	10:47
292488	As1890	0.125	U		mg/L	0.125				0.005	-0.037	-0.037	1	0.125	-0.00148	02/01/07	10:47
292488	B_2496	0.500	U		mg/L	0.5				0.02	0.14075	0.141	1	0.5	0.00563	02/01/07	10:47
292488	Ba4934	0.100	U		mg/L	0.1				0.004	0.004	0.004	1	0.1	0.00016	02/01/07	10:47
292488	Be3130	0.100	U		mg/L	0.1				0.004	0.00025	0.00025	1	0.1	0.00001	02/01/07	10:47
292488	Bi2230	0.250	U		mg/L	0.25				0.01	0.032	0.032	1	0.25	0.00128	02/01/07	10:47
292488	Ca3179	1.59			mg/L	1				0.04	1.586	1.59	1	1	0.06344	02/01/07	10:47
292488	Cd2265	0.100	U		mg/L	0.1				0.004	0.00225	0.00225	1	0.1	0.00009	02/01/07	10:47
292488	Co2286	0.100	U		mg/L	0.1				0.004	0.0345	0.0345	1	0.1	0.00138	02/01/07	10:47
292488	Cr2677	0.100	U		mg/L	0.1				0.004	0.0155	0.0155	1	0.1	0.00062	02/01/07	10:47
292488	Cu3247	0.100	U		mg/L	0.1				0.004	0.03125	0.0313	1	0.1	0.00125	02/01/07	10:47

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Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292488	Fe2714	1.25	U		mg/L	1.25				0.05	0.03325	0.0333	1	1.25	0.00133	02/01/07	10:47
292488	La3988	0.100	U		mg/L	0.1				0.004	0.0035	0.0035	1	0.1	0.00014	02/01/07	10:47
292488	Mg2790	3.33			mg/L	1				0.04	3.33025	3.33	1	1	0.13321	02/01/07	10:47
292488	Mn2576	0.100	U		mg/L	0.1				0.004	0.00075	0.00075	1	0.1	0.00003	02/01/07	10:47
292488	Mo2020	0.100	U		mg/L	0.1				0.004	0.01325	0.0133	1	0.1	0.00053	02/01/07	10:47
292488	Ni2316	0.100	U		mg/L	0.1				0.004	-0.00375	-0.00375	1	0.1	-0.00015	02/01/07	10:47
292488	P_1782	0.500	U		mg/L	0.5				0.02	0.032	0.032	1	0.5	0.00128	02/01/07	10:47
292488	Pd3404	0.200	U		mg/L	0.2				0.008	0.06675	0.0668	1	0.2	0.00267	02/01/07	10:47
292488	S_1820	11.8			mg/L	0.5				0.02	11.82	11.8	1	0.5	0.4728	02/01/07	10:47
292488	Sb2068	0.250	U		mg/L	0.25				0.01	0.0335	0.0335	1	0.25	0.00134	02/01/07	10:47
292488	Si2881	0.500	U		mg/L	0.5				0.02	0.2785	0.279	1	0.5	0.01114	02/01/07	10:47
292488	Pb220	0.100	U		mg/L	0.1				0.004	0.014	0.014	1	0.1	0.00056	02/01/07	10:47
292488	Se196	0.150	U		mg/L	0.15				0.006	-0.001	-0.001	1	0.15	-0.00004	02/01/07	10:47
292488	Sn1899	0.125	U		mg/L	0.125				0.005	0.06725	0.0673	1	0.125	0.00269	02/01/07	10:47
292488	Sr4215	0.125	U		mg/L	0.125				0.005	0.0095	0.0095	1	0.125	0.00038	02/01/07	10:47
292488	Th2837	0.375	U		mg/L	0.375				0.015	0.0095	0.0095	1	0.375	0.00038	02/01/07	10:47
292488	Ti3349	0.100	U		mg/L	0.1				0.004	0.002	0.002	1	0.1	0.00008	02/01/07	10:47
292488	Tl1908	0.250	U		mg/L	0.25				0.01	-0.02825	-0.0283	1	0.25	-0.00113	02/01/07	10:47
292488	U_4090	2.50	U		mg/L	2.5				0.1	0.226	0.226	1	2.5	0.00904	02/01/07	10:47
292488	V_2924	0.100	U		mg/L	0.1				0.004	0.00725	0.00725	1	0.1	0.00029	02/01/07	10:47
292488	W_2079	0.250	U		mg/L	0.25				0.01	0.0305	0.0305	1	0.25	0.00122	02/01/07	10:47
292488	Y_3710	0.100	U		mg/L	0.1				0.004	0.00175	0.00175	1	0.1	0.00007	02/01/07	10:47
292488	Zn2062	0.100	U		mg/L	0.1				0.004	0.0435	0.0435	1	0.1	0.00174	02/01/07	10:47
292488	Zr3496	0.100	U		mg/L	0.1				0.004	0.015	0.015	1	0.1	0.0006	02/01/07	10:47
292489	Ag3280	0.100	U		mg/L	0.1				0.004	0.008	0.008	1	0.1	0.00032	02/01/07	10:51
292489	Al3082	1.00	U		mg/L	1				0.04	0.175	0.175	1	1	0.007	02/01/07	10:51
292489	As1890	0.125	U		mg/L	0.125				0.005	-0.01225	-0.0123	1	0.125	-0.00049	02/01/07	10:51
292489	B_2496	0.500	U		mg/L	0.5				0.02	0.20075	0.201	1	0.5	0.00803	02/01/07	10:51
292489	Ba4934	0.100	U		mg/L	0.1				0.004	0.00825	0.00825	1	0.1	0.00033	02/01/07	10:51
292489	Be3130	0.100	U		mg/L	0.1				0.004	0.00075	0.00075	1	0.1	0.00003	02/01/07	10:51
292489	Bi2230	0.250	U		mg/L	0.25				0.01	0.03725	0.0373	1	0.25	0.00149	02/01/07	10:51
292489	Ca3179	1.32			mg/L	1				0.04	1.31625	1.32	1	1	0.05265	02/01/07	10:51
292489	Cd2265	0.100	U		mg/L	0.1				0.004	0.006	0.006	1	0.1	0.00024	02/01/07	10:51
292489	Co2286	0.100	U		mg/L	0.1				0.004	0.02825	0.0283	1	0.1	0.00113	02/01/07	10:51
292489	Cr2677	0.100	U		mg/L	0.1				0.004	0.0225	0.0225	1	0.1	0.0009	02/01/07	10:51
292489	Cu3247	0.100	U		mg/L	0.1				0.004	0.0355	0.0355	1	0.1	0.00142	02/01/07	10:51
292489	Fe2714	1.25	U		mg/L	1.25				0.05	1.22425	1.22	1	1.25	0.04897	02/01/07	10:51
292489	La3988	0.100	U		mg/L	0.1				0.004	0.0115	0.0115	1	0.1	0.00046	02/01/07	10:51
292489	Mg2790	3.35			mg/L	1				0.04	3.354	3.35	1	1	0.13416	02/01/07	10:51

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Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292489	Mn2576	0.100	U		mg/L	0.1				0.004	0.006	0.006	1	0.1	0.00024	02/01/07	10:51
292489	Mo2020	0.100	U		mg/L	0.1				0.004	0.0275	0.0275	1	0.1	0.0011	02/01/07	10:51
292489	Ni2316	0.100	U		mg/L	0.1				0.004	0.0045	0.0045	1	0.1	0.00018	02/01/07	10:51
292489	P_1782	0.500	U		mg/L	0.5				0.02	-0.00425	-0.00425	1	0.5	-0.00017	02/01/07	10:51
292489	Pd3404	0.200	U		mg/L	0.2				0.008	0.13175	0.132	1	0.2	0.00527	02/01/07	10:51
292489	S_1820	12.2			mg/L	0.5				0.02	12.18375	12.2	1	0.5	0.48735	02/01/07	10:51
292489	Sb2068	0.250	U		mg/L	0.25				0.01	-0.01025	-0.0103	1	0.25	-0.00041	02/01/07	10:51
292489	Si2881	1.10			mg/L	0.5				0.02	1.0955	1.1	1	0.5	0.04382	02/01/07	10:51
292489	Pb220	0.100	U		mg/L	0.1				0.004	-0.002	-0.002	1	0.1	-0.00008	02/01/07	10:51
292489	Se196	0.150	U		mg/L	0.15				0.006	-0.073	-0.073	1	0.15	-0.00292	02/01/07	10:51
292489	Sn1899	0.125	U		mg/L	0.125				0.005	0.05	0.05	1	0.125	0.002	02/01/07	10:51
292489	Sr4215	0.125	U		mg/L	0.125				0.005	0.0085	0.0085	1	0.125	0.00034	02/01/07	10:51
292489	Th2837	0.375	U		mg/L	0.375				0.015	0.04725	0.0473	1	0.375	0.00189	02/01/07	10:51
292489	Ti3349	0.100	U		mg/L	0.1				0.004	0.00475	0.00475	1	0.1	0.00019	02/01/07	10:51
292489	Tl1908	0.250	U		mg/L	0.25				0.01	-0.068	-0.068	1	0.25	-0.00272	02/01/07	10:51
292489	U_4090	2.50	U		mg/L	2.5				0.1	0.5975	0.598	1	2.5	0.0239	02/01/07	10:51
292489	V_2924	0.100	U		mg/L	0.1				0.004	0.0155	0.0155	1	0.1	0.00062	02/01/07	10:51
292489	W_2079	0.250	U		mg/L	0.25				0.01	0.0155	0.0155	1	0.25	0.00062	02/01/07	10:51
292489	Y_3710	0.100	U		mg/L	0.1				0.004	0.0035	0.0035	1	0.1	0.00014	02/01/07	10:51
292489	Zn2062	0.100	U		mg/L	0.1				0.004	0.063	0.063	1	0.1	0.00252	02/01/07	10:51
292489	Zr3496	0.100	U		mg/L	0.1				0.004	0.02525	0.0253	1	0.1	0.00101	02/01/07	10:51
292490	Ag3280	0.100	U		mg/L	0.1				0.004	-0.0025	-0.0025	1	0.1	-0.0001	02/01/07	10:56
292490	Al3082	1.00	U		mg/L	1				0.04	-0.1935	-0.194	1	1	-0.00774	02/01/07	10:56
292490	As1890	0.125	U		mg/L	0.125				0.005	-0.03925	-0.0393	1	0.125	-0.00157	02/01/07	10:56
292490	B_2496	0.500	U		mg/L	0.5				0.02	0.1715	0.172	1	0.5	0.00686	02/01/07	10:56
292490	Ba4934	0.100	U		mg/L	0.1				0.004	0.00225	0.00225	1	0.1	0.00009	02/01/07	10:56
292490	Be3130	0.100	U		mg/L	0.1				0.004	-0.00025	-0.00025	1	0.1	-0.00001	02/01/07	10:56
292490	Bi2230	0.250	U		mg/L	0.25				0.01	0.0465	0.0465	1	0.25	0.00186	02/01/07	10:56
292490	Ca3179	1.00	U		mg/L	1				0.04	0.673	0.673	1	1	0.02692	02/01/07	10:56
292490	Cd2265	0.100	U		mg/L	0.1				0.004	0.0055	0.0055	1	0.1	0.00022	02/01/07	10:56
292490	Co2286	0.100	U		mg/L	0.1				0.004	0.0015	0.0015	1	0.1	0.00006	02/01/07	10:56
292490	Cr2677	0.100	U		mg/L	0.1				0.004	-0.00125	-0.00125	1	0.1	-0.00005	02/01/07	10:56
292490	Cu3247	0.100	U		mg/L	0.1				0.004	0.0235	0.0235	1	0.1	0.00094	02/01/07	10:56
292490	Fe2714	1.25	U		mg/L	1.25				0.05	-0.10475	-0.105	1	1.25	-0.00419	02/01/07	10:56
292490	La3988	0.100	U		mg/L	0.1				0.004	-0.00375	-0.00375	1	0.1	-0.00015	02/01/07	10:56
292490	Mg2790	2.97			mg/L	1				0.04	2.96775	2.97	1	1	0.11871	02/01/07	10:56
292490	Mn2576	0.100	U		mg/L	0.1				0.004	0.001	0.001	1	0.1	0.00004	02/01/07	10:56
292490	Mo2020	0.100	U		mg/L	0.1				0.004	0.02875	0.0288	1	0.1	0.00115	02/01/07	10:56
292490	Ni2316	0.100	U		mg/L	0.1				0.004	0	0	1	0.1	0	02/01/07	10:56

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Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292490	P_1782	0.500	U		mg/L	0.5				0.02	-0.15475	-0.155	1	0.5	-0.00619	02/01/07	10:56
292490	Pd3404	0.200	U		mg/L	0.2				0.008	-0.039	-0.039	1	0.2	-0.00156	02/01/07	10:56
292490	S_1820	11.7			mg/L	0.5				0.02	11.6945	11.7	1	0.5	0.46778	02/01/07	10:56
292490	Sb2068	0.250	U		mg/L	0.25				0.01	-0.07125	-0.0713	1	0.25	-0.00285	02/01/07	10:56
292490	Si2881	0.500	U		mg/L	0.5				0.02	0.22625	0.226	1	0.5	0.00905	02/01/07	10:56
292490	Pb220	0.100	U		mg/L	0.1				0.004	0.0105	0.0105	1	0.1	0.00042	02/01/07	10:56
292490	Se196	0.150	U		mg/L	0.15				0.006	-0.06	-0.06	1	0.15	-0.0024	02/01/07	10:56
292490	Sn1899	0.125	U		mg/L	0.125				0.005	0.04475	0.0448	1	0.125	0.00179	02/01/07	10:56
292490	Sr4215	0.125	U		mg/L	0.125				0.005	0.001	0.001	1	0.125	0.00004	02/01/07	10:56
292490	Th2837	0.375	U		mg/L	0.375				0.015	0.031	0.031	1	0.375	0.00124	02/01/07	10:56
292490	Ti3349	0.100	U		mg/L	0.1				0.004	0.0005	0.0005	1	0.1	0.00002	02/01/07	10:56
292490	Ti1908	0.250	U		mg/L	0.25				0.01	-0.02075	-0.0208	1	0.25	-0.00083	02/01/07	10:56
292490	U_4090	2.50	U		mg/L	2.5				0.1	-0.587	-0.587	1	2.5	-0.02348	02/01/07	10:56
292490	V_2924	0.100	U		mg/L	0.1				0.004	0.01425	0.0143	1	0.1	0.00057	02/01/07	10:56
292490	W_2079	0.250	U		mg/L	0.25				0.01	0.033	0.033	1	0.25	0.00132	02/01/07	10:56
292490	Y_3710	0.100	U		mg/L	0.1				0.004	0.00175	0.00175	1	0.1	0.00007	02/01/07	10:56
292490	Zn2062	0.100	U		mg/L	0.1				0.004	0.00275	0.00275	1	0.1	0.00011	02/01/07	10:56
292490	Zr3496	0.100	U		mg/L	0.1				0.004	0.00775	0.00775	1	0.1	0.00031	02/01/07	10:56
292491	Ag3280	0.100	U		mg/L	0.1				0.004	-0.007	-0.007	1	0.1	-0.00028	02/01/07	11:01
292491	Al3082	1.00	U		mg/L	1				0.04	-0.00925	-0.00925	1	1	-0.00037	02/01/07	11:01
292491	As1890	0.125	U		mg/L	0.125				0.005	-0.02925	-0.0293	1	0.125	-0.00117	02/01/07	11:01
292491	B_2496	0.500	U		mg/L	0.5				0.02	0.1555	0.156	1	0.5	0.00622	02/01/07	11:01
292491	Ba4934	0.100	U		mg/L	0.1				0.004	0.002	0.002	1	0.1	0.00008	02/01/07	11:01
292491	Be3130	0.100	U		mg/L	0.1				0.004	0.0005	0.0005	1	0.1	0.00002	02/01/07	11:01
292491	Bi2230	0.250	U		mg/L	0.25				0.01	-0.01225	-0.0123	1	0.25	-0.00049	02/01/07	11:01
292491	Ca3179	1.00	U		mg/L	1				0.04	0.92075	0.921	1	1	0.03683	02/01/07	11:01
292491	Cd2265	0.100	U		mg/L	0.1				0.004	0.005	0.005	1	0.1	0.0002	02/01/07	11:01
292491	Co2286	0.100	U		mg/L	0.1				0.004	-0.00125	-0.00125	1	0.1	-0.00005	02/01/07	11:01
292491	Cr2677	0.100	U		mg/L	0.1				0.004	0.0045	0.0045	1	0.1	0.00018	02/01/07	11:01
292491	Cu3247	0.100	U		mg/L	0.1				0.004	0.0255	0.0255	1	0.1	0.00102	02/01/07	11:01
292491	Fe2714	1.25	U		mg/L	1.25				0.05	0.28675	0.287	1	1.25	0.01147	02/01/07	11:01
292491	La3988	0.100	U		mg/L	0.1				0.004	-0.0095	-0.0095	1	0.1	-0.00038	02/01/07	11:01
292491	Mg2790	3.21			mg/L	1				0.04	3.205	3.21	1	1	0.1282	02/01/07	11:01
292491	Mn2576	0.100	U		mg/L	0.1				0.004	0.00425	0.00425	1	0.1	0.00017	02/01/07	11:01
292491	Mo2020	0.100	U		mg/L	0.1				0.004	0.0255	0.0255	1	0.1	0.00102	02/01/07	11:01
292491	Ni2316	0.100	U		mg/L	0.1				0.004	0.00175	0.00175	1	0.1	0.00007	02/01/07	11:01
292491	P_1782	0.500	U		mg/L	0.5				0.02	0.0355	0.0355	1	0.5	0.00142	02/01/07	11:01
292491	Pd3404	0.200	U		mg/L	0.2				0.008	-0.04275	-0.0428	1	0.2	-0.00171	02/01/07	11:01
292491	S_1820	11.7			mg/L	0.5				0.02	11.7375	11.7	1	0.5	0.4695	02/01/07	11:01

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010081

Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292491	Sb2068	0.250	U		mg/L	0.25				0.01	0.0205	0.0205	1	0.25	0.00082	02/01/07	11:01
292491	Si2881	0.666			mg/L	0.5				0.02	0.66625	0.666	1	0.5	0.02665	02/01/07	11:01
292491	Pb220	0.100	U		mg/L	0.1				0.004	-0.011	-0.011	1	0.1	-0.00044	02/01/07	11:01
292491	Se196	0.150	U		mg/L	0.15				0.006	-0.0395	-0.0395	1	0.15	-0.00158	02/01/07	11:01
292491	Sn1899	0.125	U		mg/L	0.125				0.005	0.051	0.051	1	0.125	0.00204	02/01/07	11:01
292491	Sr4215	0.125	U		mg/L	0.125				0.005	0.00525	0.00525	1	0.125	0.00021	02/01/07	11:01
292491	Th2837	0.375	U		mg/L	0.375				0.015	0.02	0.02	1	0.375	0.0008	02/01/07	11:01
292491	Ti3349	0.100	U		mg/L	0.1				0.004	0	0	1	0.1	0	02/01/07	11:01
292491	Tl1908	0.250	U		mg/L	0.25				0.01	0.009	0.009	1	0.25	0.00036	02/01/07	11:01
292491	U_4090	2.50	U		mg/L	2.5				0.1	-0.095	-0.095	1	2.5	-0.0038	02/01/07	11:01
292491	V_2924	0.100	U		mg/L	0.1				0.004	0.0115	0.0115	1	0.1	0.00046	02/01/07	11:01
292491	W_2079	0.250	U		mg/L	0.25				0.01	-0.01075	-0.0108	1	0.25	-0.00043	02/01/07	11:01
292491	Y_3710	0.100	U		mg/L	0.1				0.004	0.00075	0.00075	1	0.1	0.00003	02/01/07	11:01
292491	Zn2062	0.100	U		mg/L	0.1				0.004	0.0645	0.0645	1	0.1	0.00258	02/01/07	11:01
292491	Zr3496	0.100	U		mg/L	0.1				0.004	0.01375	0.0138	1	0.1	0.00055	02/01/07	11:01
292492	Ag3280	0.100	U		mg/L	0.1				0.004	-0.00425	-0.00425	1	0.1	-0.00017	02/01/07	11:06
292492	Al3082	1.00	U		mg/L	1				0.04	-0.04225	-0.0423	1	1	-0.00169	02/01/07	11:06
292492	As1890	0.125	U		mg/L	0.125				0.005	-0.052	-0.052	1	0.125	-0.00208	02/01/07	11:06
292492	B_2496	0.500	U		mg/L	0.5				0.02	0.38425	0.384	1	0.5	0.01537	02/01/07	11:06
292492	Ba4934	0.100	U		mg/L	0.1				0.004	0.00125	0.00125	1	0.1	0.00005	02/01/07	11:06
292492	Be3130	0.100	U		mg/L	0.1				0.004	0.0005	0.0005	1	0.1	0.00002	02/01/07	11:06
292492	Bi2230	0.250	U		mg/L	0.25				0.01	-0.12575	-0.126	1	0.25	-0.00503	02/01/07	11:06
292492	Ca3179	1.00	U		mg/L	1				0.04	0.678	0.678	1	1	0.02712	02/01/07	11:06
292492	Cd2265	0.100	U		mg/L	0.1				0.004	-0.00075	-0.00075	1	0.1	-0.00003	02/01/07	11:06
292492	Co2286	0.100	U		mg/L	0.1				0.004	0.014	0.014	1	0.1	0.00056	02/01/07	11:06
292492	Cr2677	0.100	U		mg/L	0.1				0.004	0.00575	0.00575	1	0.1	0.00023	02/01/07	11:06
292492	Cu3247	0.100	U		mg/L	0.1				0.004	0.01575	0.0158	1	0.1	0.00063	02/01/07	11:06
292492	Fe2714	1.25	U		mg/L	1.25				0.05	0.24075	0.241	1	1.25	0.00963	02/01/07	11:06
292492	La3988	0.100	U		mg/L	0.1				0.004	-0.008	-0.008	1	0.1	-0.00032	02/01/07	11:06
292492	Mg2790	1.00	U		mg/L	1				0.04	0.919	0.919	1	1	0.03676	02/01/07	11:06
292492	Mn2576	0.100	U		mg/L	0.1				0.004	0.002	0.002	1	0.1	0.00008	02/01/07	11:06
292492	Mo2020	0.100	U		mg/L	0.1				0.004	0.02125	0.0213	1	0.1	0.00085	02/01/07	11:06
292492	Ni2316	0.100	U		mg/L	0.1				0.004	0.012	0.012	1	0.1	0.00048	02/01/07	11:06
292492	P_1782	0.500	U		mg/L	0.5				0.02	0.08025	0.0803	1	0.5	0.00321	02/01/07	11:06
292492	Pd3404	0.200	U		mg/L	0.2				0.008	0.00725	0.00725	1	0.2	0.00029	02/01/07	11:06
292492	S_1820	13.6			mg/L	0.5				0.02	13.62175	13.6	1	0.5	0.54487	02/01/07	11:06
292492	Sb2068	0.250	U		mg/L	0.25				0.01	-0.02475	-0.0248	1	0.25	-0.00099	02/01/07	11:06
292492	Si2881	0.500	U		mg/L	0.5				0.02	0.27825	0.278	1	0.5	0.01113	02/01/07	11:06
292492	Pb220	0.100	U		mg/L	0.1				0.004	0.011	0.011	1	0.1	0.00044	02/01/07	11:06

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010082

Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292492	Se196	0.150	U		mg/L	0.15				0.006	-0.0095	-0.0095	1	0.15	-0.00038	02/01/07	11:06
292492	Sn1899	0.125	U		mg/L	0.125				0.005	0.022	0.022	1	0.125	0.00088	02/01/07	11:06
292492	Sr4215	0.125	U		mg/L	0.125				0.005	0.0005	0.0005	1	0.125	0.00002	02/01/07	11:06
292492	Th2837	0.375	U		mg/L	0.375				0.015	0.09325	0.0933	1	0.375	0.00373	02/01/07	11:06
292492	Ti3349	0.100	U		mg/L	0.1				0.004	-0.00175	-0.00175	1	0.1	-0.00007	02/01/07	11:06
292492	Tl1908	0.250	U		mg/L	0.25				0.01	0.002	0.002	1	0.25	0.00008	02/01/07	11:06
292492	U_4090	2.50	U		mg/L	2.5				0.1	-0.73725	-0.737	1	2.5	-0.02949	02/01/07	11:06
292492	V_2924	0.100	U		mg/L	0.1				0.004	-0.005	-0.005	1	0.1	-0.0002	02/01/07	11:06
292492	W_2079	0.250	U		mg/L	0.25				0.01	-0.0055	-0.0055	1	0.25	-0.00022	02/01/07	11:06
292492	Y_3710	0.100	U		mg/L	0.1				0.004	0.00125	0.00125	1	0.1	0.00005	02/01/07	11:06
292492	Zn2062	0.100	U		mg/L	0.1				0.004	0.00375	0.00375	1	0.1	0.00015	02/01/07	11:06
292492	Zr3496	0.100	U		mg/L	0.1				0.004	0.00225	0.00225	1	0.1	0.00009	02/01/07	11:06
292493	Ag3280	0.100	U		mg/L	0.1				0.004	-0.012	-0.012	1	0.1	-0.00048	02/01/07	11:11
292493	Al3082	1.00	U		mg/L	1				0.04	-0.1685	-0.169	1	1	-0.00674	02/01/07	11:11
292493	As1890	0.125	U		mg/L	0.125				0.005	-0.0795	-0.0795	1	0.125	-0.00318	02/01/07	11:11
292493	B_2496	0.500	U		mg/L	0.5				0.02	0.35525	0.355	1	0.5	0.01421	02/01/07	11:11
292493	Ba4934	0.100	U		mg/L	0.1				0.004	0.00075	0.00075	1	0.1	0.00003	02/01/07	11:11
292493	Be3130	0.100	U		mg/L	0.1				0.004	-0.00025	-0.00025	1	0.1	-0.00001	02/01/07	11:11
292493	Bi2230	0.250	U		mg/L	0.25				0.01	-0.0085	-0.0085	1	0.25	-0.00034	02/01/07	11:11
292493	Ca3179	1.00	U		mg/L	1				0.04	0.72675	0.727	1	1	0.02907	02/01/07	11:11
292493	Cd2265	0.100	U		mg/L	0.1				0.004	0.00125	0.00125	1	0.1	0.00005	02/01/07	11:11
292493	Co2286	0.100	U		mg/L	0.1				0.004	0.01	0.01	1	0.1	0.0004	02/01/07	11:11
292493	Cr2677	0.100	U		mg/L	0.1				0.004	-0.00575	-0.00575	1	0.1	-0.00023	02/01/07	11:11
292493	Cu3247	0.100	U		mg/L	0.1				0.004	0.017	0.017	1	0.1	0.00068	02/01/07	11:11
292493	Fe2714	1.25	U		mg/L	1.25				0.05	0.2675	0.268	1	1.25	0.0107	02/01/07	11:11
292493	La3988	0.100	U		mg/L	0.1				0.004	-0.01325	-0.0133	1	0.1	-0.00053	02/01/07	11:11
292493	Mg2790	1.00	U		mg/L	1				0.04	0.96125	0.961	1	1	0.03845	02/01/07	11:11
292493	Mn2576	0.100	U		mg/L	0.1				0.004	0.02625	0.0263	1	0.1	0.00105	02/01/07	11:11
292493	Mo2020	0.100	U		mg/L	0.1				0.004	0.00125	0.00125	1	0.1	0.00005	02/01/07	11:11
292493	Ni2316	0.100	U		mg/L	0.1				0.004	0.00375	0.00375	1	0.1	0.00015	02/01/07	11:11
292493	P_1782	0.500	U		mg/L	0.5				0.02	0.0115	0.0115	1	0.5	0.00046	02/01/07	11:11
292493	Pd3404	0.200	U		mg/L	0.2				0.008	-0.031	-0.031	1	0.2	-0.00124	02/01/07	11:11
292493	S_1820	14.0			mg/L	0.5				0.02	14.03125	14	1	0.5	0.56125	02/01/07	11:11
292493	Sb2068	0.250	U		mg/L	0.25				0.01	0.05725	0.0573	1	0.25	0.00229	02/01/07	11:11
292493	Si2881	0.500	U		mg/L	0.5				0.02	0.43175	0.432	1	0.5	0.01727	02/01/07	11:11
292493	Pb220	0.100	U		mg/L	0.1				0.004	-0.02275	-0.0228	1	0.1	-0.00091	02/01/07	11:11
292493	Se196	0.150	U		mg/L	0.15				0.006	0.00325	0.00325	1	0.15	0.00013	02/01/07	11:11
292493	Sn1899	0.125	U		mg/L	0.125				0.005	-0.0385	-0.0385	1	0.125	-0.00154	02/01/07	11:11
292493	Sr4215	0.125	U		mg/L	0.125				0.005	0.0005	0.0005	1	0.125	0.00002	02/01/07	11:11

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010083

Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292493	Th2837	0.375	U		mg/L	0.375				0.015	0.07325	0.0733	1	0.375	0.00293	02/01/07	11:11
292493	Ti3349	0.100	U		mg/L	0.1				0.004	0.001	0.001	1	0.1	0.00004	02/01/07	11:11
292493	Ti1908	0.250	U		mg/L	0.25				0.01	-0.0865	-0.0865	1	0.25	-0.00346	02/01/07	11:11
292493	U_4090	2.50	U		mg/L	2.5				0.1	-0.51075	-0.511	1	2.5	-0.02043	02/01/07	11:11
292493	V_2924	0.100	U		mg/L	0.1				0.004	0.00175	0.00175	1	0.1	0.00007	02/01/07	11:11
292493	W_2079	0.250	U		mg/L	0.25				0.01	-0.0475	-0.0475	1	0.25	-0.0019	02/01/07	11:11
292493	Y_3710	0.100	U		mg/L	0.1				0.004	0.0005	0.0005	1	0.1	0.00002	02/01/07	11:11
292493	Zn2062	0.100	U		mg/L	0.1				0.004	0.04375	0.0438	1	0.1	0.00175	02/01/07	11:11
292493	Zr3496	0.100	U		mg/L	0.1				0.004	-0.00225	-0.00225	1	0.1	-0.00009	02/01/07	11:11
292494	Ag3280	0.100	U		mg/L	0.1				0.004	-0.0035	-0.0035	1	0.1	-0.00014	02/01/07	11:25
292494	Al3082	1.00	U		mg/L	1				0.04	0.02075	0.0208	1	1	0.00083	02/01/07	11:25
292494	As1890	0.125	U		mg/L	0.125				0.005	-0.07675	-0.0768	1	0.125	-0.00307	02/01/07	11:25
292494	B_2496	0.500	U		mg/L	0.5				0.02	0.133	0.133	1	0.5	0.00532	02/01/07	11:25
292494	Ba4934	0.100	U		mg/L	0.1				0.004	0.00425	0.00425	1	0.1	0.00017	02/01/07	11:25
292494	Be3130	0.100	U		mg/L	0.1				0.004	0.00025	0.00025	1	0.1	0.00001	02/01/07	11:25
292494	Bi2230	0.250	U		mg/L	0.25				0.01	0.04525	0.0453	1	0.25	0.00181	02/01/07	11:25
292494	Ca3179	1.00	U		mg/L	1				0.04	0.86325	0.863	1	1	0.03453	02/01/07	11:25
292494	Cd2265	0.100	U		mg/L	0.1				0.004	0.00625	0.00625	1	0.1	0.00025	02/01/07	11:25
292494	Co2286	0.100	U		mg/L	0.1				0.004	0.014	0.014	1	0.1	0.00056	02/01/07	11:25
292494	Cr2677	0.100	U		mg/L	0.1				0.004	0.00925	0.00925	1	0.1	0.00037	02/01/07	11:25
292494	Cu3247	0.100	U		mg/L	0.1				0.004	0.02525	0.0253	1	0.1	0.00101	02/01/07	11:25
292494	Fe2714	1.25	U		mg/L	1.25				0.05	0.26725	0.267	1	1.25	0.01069	02/01/07	11:25
292494	La3988	0.100	U		mg/L	0.1				0.004	-0.00075	-0.00075	1	0.1	-0.00003	02/01/07	11:25
292494	Mg2790	3.39			mg/L	1				0.04	3.3945	3.39	1	1	0.13578	02/01/07	11:25
292494	Mn2576	0.100	U		mg/L	0.1				0.004	0.00125	0.00125	1	0.1	0.00005	02/01/07	11:25
292494	Mo2020	0.100	U		mg/L	0.1				0.004	0.019	0.019	1	0.1	0.00076	02/01/07	11:25
292494	Ni2316	0.100	U		mg/L	0.1				0.004	0.0045	0.0045	1	0.1	0.00018	02/01/07	11:25
292494	P_1782	0.500	U		mg/L	0.5				0.02	0.15925	0.159	1	0.5	0.00637	02/01/07	11:25
292494	Pd3404	0.200	U		mg/L	0.2				0.008	0.02925	0.0293	1	0.2	0.00117	02/01/07	11:25
292494	S_1820	11.6			mg/L	0.5				0.02	11.6365	11.6	1	0.5	0.46546	02/01/07	11:25
292494	Sb2068	0.250	U		mg/L	0.25				0.01	-0.01325	-0.0133	1	0.25	-0.00053	02/01/07	11:25
292494	Si2881	0.500	U		mg/L	0.5				0.02	0.24425	0.244	1	0.5	0.00977	02/01/07	11:25
292494	Pb220	0.100	U		mg/L	0.1				0.004	0.02525	0.0253	1	0.1	0.00101	02/01/07	11:25
292494	Se196	0.150	U		mg/L	0.15				0.006	-0.04825	-0.0483	1	0.15	-0.00193	02/01/07	11:25
292494	Sn1899	0.125	U		mg/L	0.125				0.005	0.028	0.028	1	0.125	0.00112	02/01/07	11:25
292494	Sr4215	0.125	U		mg/L	0.125				0.005	0.00225	0.00225	1	0.125	0.00009	02/01/07	11:25
292494	Th2837	0.375	U		mg/L	0.375				0.015	0.0285	0.0285	1	0.375	0.00114	02/01/07	11:25
292494	Ti3349	0.100	U		mg/L	0.1				0.004	0	0	1	0.1	0	02/01/07	11:25
292494	Ti1908	0.250	U		mg/L	0.25				0.01	-0.023	-0.023	1	0.25	-0.00092	02/01/07	11:25

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010084

Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292494	U_4090	2.50	U		mg/L	2.5				0.1	-0.23675	-0.237	1	2.5	-0.00947	02/01/07	11:25
292494	V_2924	0.100	U		mg/L	0.1				0.004	0.00275	0.00275	1	0.1	0.00011	02/01/07	11:25
292494	W_2079	0.250	U		mg/L	0.25				0.01	0.06075	0.0608	1	0.25	0.00243	02/01/07	11:25
292494	Y_3710	0.100	U		mg/L	0.1				0.004	0.00025	0.00025	1	0.1	0.00001	02/01/07	11:25
292494	Zn2062	0.100	U		mg/L	0.1				0.004	0.012	0.012	1	0.1	0.00048	02/01/07	11:25
292494	Zr3496	0.100	U		mg/L	0.1				0.004	0.007	0.007	1	0.1	0.00028	02/01/07	11:25
292495	Ag3280	0.100	U		mg/L	0.1				0.004	-0.01125	-0.0113	1	0.1	-0.00045	02/01/07	11:30
292495	Al3082	1.00	U		mg/L	1				0.04	-0.17425	-0.174	1	1	-0.00697	02/01/07	11:30
292495	As1890	0.125	U		mg/L	0.125				0.005	-0.0375	-0.0375	1	0.125	-0.0015	02/01/07	11:30
292495	B_2496	0.500	U		mg/L	0.5				0.02	0.1315	0.132	1	0.5	0.00526	02/01/07	11:30
292495	Ba4934	0.100	U		mg/L	0.1				0.004	0.0015	0.0015	1	0.1	0.00006	02/01/07	11:30
292495	Be3130	0.100	U		mg/L	0.1				0.004	-0.00025	-0.00025	1	0.1	-0.00001	02/01/07	11:30
292495	Bi2230	0.250	U		mg/L	0.25				0.01	0.01675	0.0168	1	0.25	0.00067	02/01/07	11:30
292495	Ca3179	1.08			mg/L	1				0.04	1.0775	1.08	1	1	0.0431	02/01/07	11:30
292495	Cd2265	0.100	U		mg/L	0.1				0.004	0.003	0.003	1	0.1	0.00012	02/01/07	11:30
292495	Co2286	0.100	U		mg/L	0.1				0.004	0.026	0.026	1	0.1	0.00104	02/01/07	11:30
292495	Cr2677	0.100	U		mg/L	0.1				0.004	-0.019	-0.019	1	0.1	-0.00076	02/01/07	11:30
292495	Cu3247	0.100	U		mg/L	0.1				0.004	0.011	0.011	1	0.1	0.00044	02/01/07	11:30
292495	Fe2714	1.25	U		mg/L	1.25				0.05	0.04725	0.0473	1	1.25	0.00189	02/01/07	11:30
292495	La3988	0.100	U		mg/L	0.1				0.004	-0.006	-0.006	1	0.1	-0.00024	02/01/07	11:30
292495	Mg2790	3.46			mg/L	1				0.04	3.45875	3.46	1	1	0.13835	02/01/07	11:30
292495	Mn2576	0.100	U		mg/L	0.1				0.004	0.00275	0.00275	1	0.1	0.00011	02/01/07	11:30
292495	Mo2020	0.100	U		mg/L	0.1				0.004	0.0085	0.0085	1	0.1	0.00034	02/01/07	11:30
292495	Ni2316	0.100	U		mg/L	0.1				0.004	-0.024	-0.024	1	0.1	-0.00096	02/01/07	11:30
292495	P_1782	0.500	U		mg/L	0.5				0.02	-0.0485	-0.0485	1	0.5	-0.00194	02/01/07	11:30
292495	Pd3404	0.200	U		mg/L	0.2				0.008	0.01475	0.0148	1	0.2	0.00059	02/01/07	11:30
292495	S_1820	11.7			mg/L	0.5				0.02	11.7415	11.7	1	0.5	0.46966	02/01/07	11:30
292495	Sb2068	0.250	U		mg/L	0.25				0.01	-0.135	-0.135	1	0.25	-0.0054	02/01/07	11:30
292495	Si2881	1.51			mg/L	0.5				0.02	1.5125	1.51	1	0.5	0.0605	02/01/07	11:30
292495	Pb220	0.100	U		mg/L	0.1				0.004	0.007	0.007	1	0.1	0.00028	02/01/07	11:30
292495	Se196	0.150	U		mg/L	0.15				0.006	-0.032	-0.032	1	0.15	-0.00128	02/01/07	11:30
292495	Sn1899	0.125	U		mg/L	0.125				0.005	0.00625	0.00625	1	0.125	0.00025	02/01/07	11:30
292495	Sr4215	0.125	U		mg/L	0.125				0.005	0.00525	0.00525	1	0.125	0.00021	02/01/07	11:30
292495	Th2837	0.375	U		mg/L	0.375				0.015	-0.0905	-0.0905	1	0.375	-0.00362	02/01/07	11:30
292495	Ti3349	0.100	U		mg/L	0.1				0.004	-0.0045	-0.0045	1	0.1	-0.00018	02/01/07	11:30
292495	Tl1908	0.250	U		mg/L	0.25				0.01	-0.0555	-0.0555	1	0.25	-0.00222	02/01/07	11:30
292495	U_4090	2.50	U		mg/L	2.5				0.1	-0.304	-0.304	1	2.5	-0.01216	02/01/07	11:30
292495	V_2924	0.100	U		mg/L	0.1				0.004	-0.01575	-0.0158	1	0.1	-0.00063	02/01/07	11:30
292495	W_2079	0.250	U		mg/L	0.25				0.01	-0.03675	-0.0368	1	0.25	-0.00147	02/01/07	11:30

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010085

Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292495	Y_3710	0.100	U		mg/L	0.1				0.004	-0.00175	-0.00175	1	0.1	-0.00007	02/01/07	11:30
292495	Zn2062	0.100	U		mg/L	0.1				0.004	0.05675	0.0568	1	0.1	0.00227	02/01/07	11:30
292495	Zr3496	0.100	U		mg/L	0.1				0.004	-0.015	-0.015	1	0.1	-0.0006	02/01/07	11:30
292496	Ag3280	0.100	U		mg/L	0.1				0.004	-0.012	-0.012	1	0.1	-0.00048	02/01/07	11:35
292496	Al3082	1.00	U		mg/L	1				0.04	-0.128	-0.128	1	1	-0.00512	02/01/07	11:35
292496	As1890	0.125	U		mg/L	0.125				0.005	-0.04825	-0.0483	1	0.125	-0.00193	02/01/07	11:35
292496	B_2496	0.500	U		mg/L	0.5				0.02	0.15925	0.159	1	0.5	0.00637	02/01/07	11:35
292496	Ba4934	0.100	U		mg/L	0.1				0.004	0.01625	0.0163	1	0.1	0.00065	02/01/07	11:35
292496	Be3130	0.100	U		mg/L	0.1				0.004	0	0	1	0.1	0	02/01/07	11:35
292496	Bi2230	0.250	U		mg/L	0.25				0.01	0.009	0.009	1	0.25	0.00036	02/01/07	11:35
292496	Ca3179	1.70			mg/L	1				0.04	1.69875	1.7	1	1	0.06795	02/01/07	11:35
292496	Cd2265	0.100	U		mg/L	0.1				0.004	-0.001	-0.001	1	0.1	-0.00004	02/01/07	11:35
292496	Co2286	0.100	U		mg/L	0.1				0.004	-0.00375	-0.00375	1	0.1	-0.00015	02/01/07	11:35
292496	Cr2677	0.100	U		mg/L	0.1				0.004	0.02575	0.0258	1	0.1	0.00103	02/01/07	11:35
292496	Cu3247	0.100	U		mg/L	0.1				0.004	0.0225	0.0225	1	0.1	0.0009	02/01/07	11:35
292496	Fe2714	1.25	U		mg/L	1.25				0.05	0.2085	0.209	1	1.25	0.00834	02/01/07	11:35
292496	La3988	0.100	U		mg/L	0.1				0.004	-0.00925	-0.00925	1	0.1	-0.00037	02/01/07	11:35
292496	Mg2790	4.13			mg/L	1				0.04	4.133	4.13	1	1	0.16532	02/01/07	11:35
292496	Mn2576	0.100	U		mg/L	0.1				0.004	0.00275	0.00275	1	0.1	0.00011	02/01/07	11:35
292496	Mo2020	0.100	U		mg/L	0.1				0.004	0.011	0.011	1	0.1	0.00044	02/01/07	11:35
292496	Ni2316	0.100	U		mg/L	0.1				0.004	0.021	0.021	1	0.1	0.00084	02/01/07	11:35
292496	P_1782	0.500	U		mg/L	0.5				0.02	-0.0805	-0.0805	1	0.5	-0.00322	02/01/07	11:35
292496	Pd3404	0.200	U		mg/L	0.2				0.008	0.03875	0.0388	1	0.2	0.00155	02/01/07	11:35
292496	S_1820	12.7			mg/L	0.5				0.02	12.744	12.7	1	0.5	0.50976	02/01/07	11:35
292496	Sb2068	0.250	U		mg/L	0.25				0.01	-0.02475	-0.0248	1	0.25	-0.00099	02/01/07	11:35
292496	Si2881	0.500	U		mg/L	0.5				0.02	0.219	0.219	1	0.5	0.00876	02/01/07	11:35
292496	Pb220	0.100	U		mg/L	0.1				0.004	0.0375	0.0375	1	0.1	0.0015	02/01/07	11:35
292496	Se196	0.150	U		mg/L	0.15				0.006	0.00825	0.00825	1	0.15	0.00033	02/01/07	11:35
292496	Sn1899	0.125	U		mg/L	0.125				0.005	0.04925	0.0493	1	0.125	0.00197	02/01/07	11:35
292496	Sr4215	0.125	U		mg/L	0.125				0.005	0.00325	0.00325	1	0.125	0.00013	02/01/07	11:35
292496	Th2837	0.375	U		mg/L	0.375				0.015	0.058	0.058	1	0.375	0.00232	02/01/07	11:35
292496	Ti3349	0.100	U		mg/L	0.1				0.004	0.00175	0.00175	1	0.1	0.00007	02/01/07	11:35
292496	Ti1908	0.250	U		mg/L	0.25				0.01	-0.0735	-0.0735	1	0.25	-0.00294	02/01/07	11:35
292496	U_4090	2.50	U		mg/L	2.5				0.1	-0.11325	-0.113	1	2.5	-0.00453	02/01/07	11:35
292496	V_2924	0.100	U		mg/L	0.1				0.004	0.014	0.014	1	0.1	0.00056	02/01/07	11:35
292496	W_2079	0.250	U		mg/L	0.25				0.01	0.02075	0.0208	1	0.25	0.00083	02/01/07	11:35
292496	Y_3710	0.100	U		mg/L	0.1				0.004	0.00275	0.00275	1	0.1	0.00011	02/01/07	11:35
292496	Zn2062	0.100	U		mg/L	0.1				0.004	0.03	0.03	1	0.1	0.0012	02/01/07	11:35
292496	Zr3496	0.100	U		mg/L	0.1				0.004	0.0105	0.0105	1	0.1	0.00042	02/01/07	11:35

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06002.01.222

010086  
010086

Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292497	Ag3280	0.100	U		mg/L	0.1				0.004	0.00825	0.00825	1	0.1	0.00033	02/01/07	11:40
292497	Al3082	1.00	U		mg/L	1				0.04	-0.059	-0.059	1	1	-0.00236	02/01/07	11:40
292497	As1890	0.125	U		mg/L	0.125				0.005	-0.01225	-0.0123	1	0.125	-0.00049	02/01/07	11:40
292497	B_2496	0.500	U		mg/L	0.5				0.02	0.12025	0.12	1	0.5	0.00481	02/01/07	11:40
292497	Ba4934	0.100	U		mg/L	0.1				0.004	0.0025	0.0025	1	0.1	0.0001	02/01/07	11:40
292497	Be3130	0.100	U		mg/L	0.1				0.004	0.00025	0.00025	1	0.1	0.00001	02/01/07	11:40
292497	Bi2230	0.250	U		mg/L	0.25				0.01	-0.05225	-0.0523	1	0.25	-0.00209	02/01/07	11:40
292497	Ca3179	1.00	U		mg/L	1				0.04	0.69675	0.697	1	1	0.02787	02/01/07	11:40
292497	Cd2265	0.100	U		mg/L	0.1				0.004	0.009	0.009	1	0.1	0.00036	02/01/07	11:40
292497	Co2286	0.100	U		mg/L	0.1				0.004	0.0165	0.0165	1	0.1	0.00066	02/01/07	11:40
292497	Cr2677	0.100	U		mg/L	0.1				0.004	0.012	0.012	1	0.1	0.00048	02/01/07	11:40
292497	Cu3247	0.100	U		mg/L	0.1				0.004	0.01625	0.0163	1	0.1	0.00065	02/01/07	11:40
292497	Fe2714	1.25	U		mg/L	1.25				0.05	0.4145	0.415	1	1.25	0.01658	02/01/07	11:40
292497	La3988	0.100	U		mg/L	0.1				0.004	0.01625	0.0163	1	0.1	0.00065	02/01/07	11:40
292497	Mg2790	3.30	U		mg/L	1				0.04	3.302	3.3	1	1	0.13208	02/01/07	11:40
292497	Mn2576	0.100	U		mg/L	0.1				0.004	0.0035	0.0035	1	0.1	0.00014	02/01/07	11:40
292497	Mo2020	0.100	U		mg/L	0.1				0.004	0.0095	0.0095	1	0.1	0.00038	02/01/07	11:40
292497	Ni2316	0.100	U		mg/L	0.1				0.004	-0.007	-0.007	1	0.1	-0.00028	02/01/07	11:40
292497	P_1782	0.500	U		mg/L	0.5				0.02	0.03125	0.0313	1	0.5	0.00125	02/01/07	11:40
292497	Pd3404	0.200	U		mg/L	0.2				0.008	0.08475	0.0848	1	0.2	0.00339	02/01/07	11:40
292497	S_1820	11.9	U		mg/L	0.5				0.02	11.88125	11.9	1	0.5	0.47525	02/01/07	11:40
292497	Sb2068	0.250	U		mg/L	0.25				0.01	0.094	0.094	1	0.25	0.00376	02/01/07	11:40
292497	Si2881	0.500	U		mg/L	0.5				0.02	0.31175	0.312	1	0.5	0.01247	02/01/07	11:40
292497	Pb220	0.100	U		mg/L	0.1				0.004	0.0135	0.0135	1	0.1	0.00054	02/01/07	11:40
292497	Se196	0.150	U		mg/L	0.15				0.006	-0.0375	-0.0375	1	0.15	-0.0015	02/01/07	11:40
292497	Sn1899	0.125	U		mg/L	0.125				0.005	0.03775	0.0378	1	0.125	0.00151	02/01/07	11:40
292497	Sr4215	0.125	U		mg/L	0.125				0.005	0.002	0.002	1	0.125	0.00008	02/01/07	11:40
292497	Th2837	0.375	U		mg/L	0.375				0.015	0.04725	0.0473	1	0.375	0.00189	02/01/07	11:40
292497	Ti3349	0.100	U		mg/L	0.1				0.004	0.0005	0.0005	1	0.1	0.00002	02/01/07	11:40
292497	Tl1908	0.250	U		mg/L	0.25				0.01	-0.11325	-0.113	1	0.25	-0.00453	02/01/07	11:40
292497	U_4090	2.50	U		mg/L	2.5				0.1	0.54225	0.542	1	2.5	0.02169	02/01/07	11:40
292497	V_2924	0.100	U		mg/L	0.1				0.004	0.0095	0.0095	1	0.1	0.00038	02/01/07	11:40
292497	W_2079	0.250	U		mg/L	0.25				0.01	0.07075	0.0708	1	0.25	0.00283	02/01/07	11:40
292497	Y_3710	0.100	U		mg/L	0.1				0.004	0.0025	0.0025	1	0.1	0.0001	02/01/07	11:40
292497	Zn2062	0.100	U		mg/L	0.1				0.004	0.01575	0.0158	1	0.1	0.00063	02/01/07	11:40
292497	Zr3496	0.100	U		mg/L	0.1				0.004	0.0175	0.0175	1	0.1	0.0007	02/01/07	11:40
292498	Ag3280	0.100	U		mg/L	0.1				0.004	-0.0185	-0.0185	1	0.1	-0.00074	02/01/07	11:45
292498	Al3082	1.00	U		mg/L	1				0.04	-0.2665	-0.267	1	1	-0.01066	02/01/07	11:45
292498	As1890	0.125	U		mg/L	0.125				0.005	0.00475	0.00475	1	0.125	0.00019	02/01/07	11:45

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06002.01.222

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Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292498	B_2496	0.500	U		mg/L	0.5				0.02	0.12375	0.124	1	0.5	0.00495	02/01/07	11:45
292498	Ba4934	0.100	U		mg/L	0.1				0.004	0.0015	0.0015	1	0.1	0.00006	02/01/07	11:45
292498	Be3130	0.100	U		mg/L	0.1				0.004	-0.0005	-0.0005	1	0.1	-0.00002	02/01/07	11:45
292498	Bi2230	0.250	U		mg/L	0.25				0.01	0.0545	0.0545	1	0.25	0.00218	02/01/07	11:45
292498	Ca3179	1.00	U		mg/L	1				0.04	0.976	0.976	1	1	0.03904	02/01/07	11:45
292498	Cd2265	0.100	U		mg/L	0.1				0.004	0.0025	0.0025	1	0.1	0.0001	02/01/07	11:45
292498	Co2286	0.100	U		mg/L	0.1				0.004	0.026	0.026	1	0.1	0.00104	02/01/07	11:45
292498	Cr2677	0.100	U		mg/L	0.1				0.004	-0.002	-0.002	1	0.1	-0.00008	02/01/07	11:45
292498	Cu3247	0.100	U		mg/L	0.1				0.004	0.02225	0.0223	1	0.1	0.00089	02/01/07	11:45
292498	Fe2714	1.25	U		mg/L	1.25				0.05	-0.33625	-0.336	1	1.25	-0.01345	02/01/07	11:45
292498	La3988	0.100	U		mg/L	0.1				0.004	-0.01475	-0.0148	1	0.1	-0.00059	02/01/07	11:45
292498	Mg2790	3.18			mg/L	1				0.04	3.17525	3.18	1	1	0.12701	02/01/07	11:45
292498	Mn2576	0.100	U		mg/L	0.1				0.004	0.003	0.003	1	0.1	0.00012	02/01/07	11:45
292498	Mo2020	0.100	U		mg/L	0.1				0.004	0.01475	0.0148	1	0.1	0.00059	02/01/07	11:45
292498	Ni2316	0.100	U		mg/L	0.1				0.004	0.027	0.027	1	0.1	0.00108	02/01/07	11:45
292498	P_1782	0.500	U		mg/L	0.5				0.02	-0.058	-0.058	1	0.5	-0.00232	02/01/07	11:45
292498	Pd3404	0.200	U		mg/L	0.2				0.008	-0.05375	-0.0538	1	0.2	-0.00215	02/01/07	11:45
292498	S_1820	12.0			mg/L	0.5				0.02	12.04825	12	1	0.5	0.48193	02/01/07	11:45
292498	Sb2068	0.250	U		mg/L	0.25				0.01	-0.08975	-0.0898	1	0.25	-0.00359	02/01/07	11:45
292498	Si2881	0.500	U		mg/L	0.5				0.02	0.48575	0.486	1	0.5	0.01943	02/01/07	11:45
292498	Pb220	0.100	U		mg/L	0.1				0.004	0.02725	0.0273	1	0.1	0.00109	02/01/07	11:45
292498	Se196	0.150	U		mg/L	0.15				0.006	-0.1315	-0.132	1	0.15	-0.00526	02/01/07	11:45
292498	Sn1899	0.125	U		mg/L	0.125				0.005	0.026	0.026	1	0.125	0.00104	02/01/07	11:45
292498	Sr4215	0.125	U		mg/L	0.125				0.005	0.0035	0.0035	1	0.125	0.00014	02/01/07	11:45
292498	Th2837	0.375	U		mg/L	0.375				0.015	0.0005	0.0005	1	0.375	0.00002	02/01/07	11:45
292498	Ti3349	0.100	U		mg/L	0.1				0.004	-0.002	-0.002	1	0.1	-0.00008	02/01/07	11:45
292498	Tl1908	0.250	U		mg/L	0.25				0.01	-0.0475	-0.0475	1	0.25	-0.0019	02/01/07	11:45
292498	U_4090	2.50	U		mg/L	2.5				0.1	-0.659	-0.659	1	2.5	-0.02636	02/01/07	11:45
292498	V_2924	0.100	U		mg/L	0.1				0.004	-0.0095	-0.0095	1	0.1	-0.00038	02/01/07	11:45
292498	W_2079	0.250	U		mg/L	0.25				0.01	-0.011	-0.011	1	0.25	-0.00044	02/01/07	11:45
292498	Y_3710	0.100	U		mg/L	0.1				0.004	-0.00025	-0.00025	1	0.1	-0.00001	02/01/07	11:45
292498	Zn2062	0.100	U		mg/L	0.1				0.004	0.08225	0.0823	1	0.1	0.00329	02/01/07	11:45
292498	Zr3496	0.100	U		mg/L	0.1				0.004	0	0	1	0.1	0	02/01/07	11:45
292499	Ag3280	0.100	U		mg/L	0.1				0.004	-0.006	-0.006	1	0.1	-0.00024	02/01/07	11:50
292499	Al3082	1.00	U		mg/L	1				0.04	-0.1015	-0.102	1	1	-0.00406	02/01/07	11:50
292499	As1890	0.125	U		mg/L	0.125				0.005	-0.0425	-0.0425	1	0.125	-0.0017	02/01/07	11:50
292499	B_2496	0.500	U		mg/L	0.5				0.02	0.24575	0.246	1	0.5	0.00983	02/01/07	11:50
292499	Ba4934	0.100	U		mg/L	0.1				0.004	0	0	1	0.1	0	02/01/07	11:50
292499	Be3130	0.100	U		mg/L	0.1				0.004	-0.00025	-0.00025	1	0.1	-0.00001	02/01/07	11:50

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Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292499	Bi2230	0.250	U		mg/L	0.25				0.01	0.1185	0.119	1	0.25	0.00474	02/01/07	11:50
292499	Ca3179	1.00	U		mg/L	1				0.04	0.667	0.667	1	1	0.02668	02/01/07	11:50
292499	Cd2265	0.100	U		mg/L	0.1				0.004	0.00575	0.00575	1	0.1	0.00023	02/01/07	11:50
292499	Co2286	0.100	U		mg/L	0.1				0.004	0.02725	0.0273	1	0.1	0.00109	02/01/07	11:50
292499	Cr2677	0.100	U		mg/L	0.1				0.004	-0.001	-0.001	1	0.1	-0.00004	02/01/07	11:50
292499	Cu3247	0.100	U		mg/L	0.1				0.004	0.01025	0.0103	1	0.1	0.00041	02/01/07	11:50
292499	Fe2714	1.25	U		mg/L	1.25				0.05	-0.33025	-0.33	1	1.25	-0.01321	02/01/07	11:50
292499	La3988	0.100	U		mg/L	0.1				0.004	-0.00325	-0.00325	1	0.1	-0.00013	02/01/07	11:50
292499	Mg2790	1.41			mg/L	1				0.04	1.40575	1.41	1	1	0.05623	02/01/07	11:50
292499	Mn2576	0.100	U		mg/L	0.1				0.004	-0.00025	-0.00025	1	0.1	-0.00001	02/01/07	11:50
292499	Mo2020	0.100	U		mg/L	0.1				0.004	0.0195	0.0195	1	0.1	0.00078	02/01/07	11:50
292499	Ni2316	0.100	U		mg/L	0.1				0.004	0.00625	0.00625	1	0.1	0.00025	02/01/07	11:50
292499	P_1782	0.500	U		mg/L	0.5				0.02	0.0105	0.0105	1	0.5	0.00042	02/01/07	11:50
292499	Pd3404	0.200	U		mg/L	0.2				0.008	-0.04675	-0.0468	1	0.2	-0.00187	02/01/07	11:50
292499	S_1820	14.1			mg/L	0.5				0.02	14.13175	14.1	1	0.5	0.56527	02/01/07	11:50
292499	Sb2068	0.250	U		mg/L	0.25				0.01	-0.07075	-0.0708	1	0.25	-0.00283	02/01/07	11:50
292499	Si2881	0.500	U		mg/L	0.5				0.02	0.269	0.269	1	0.5	0.01076	02/01/07	11:50
292499	Pb220	0.100	U		mg/L	0.1				0.004	0.042	0.042	1	0.1	0.00168	02/01/07	11:50
292499	Se196	0.150	U		mg/L	0.15				0.006	-0.0195	-0.0195	1	0.15	-0.00078	02/01/07	11:50
292499	Sn1899	0.125	U		mg/L	0.125				0.005	0.05125	0.0513	1	0.125	0.00205	02/01/07	11:50
292499	Sr4215	0.125	U		mg/L	0.125				0.005	0.001	0.001	1	0.125	0.00004	02/01/07	11:50
292499	Th2837	0.375	U		mg/L	0.375				0.015	0.00625	0.00625	1	0.375	0.00025	02/01/07	11:50
292499	Ti3349	0.100	U		mg/L	0.1				0.004	-0.0025	-0.0025	1	0.1	-0.0001	02/01/07	11:50
292499	Tl1908	0.250	U		mg/L	0.25				0.01	-0.111	-0.111	1	0.25	-0.00444	02/01/07	11:50
292499	U_4090	2.50	U		mg/L	2.5				0.1	-0.12275	-0.123	1	2.5	-0.00491	02/01/07	11:50
292499	V_2924	0.100	U		mg/L	0.1				0.004	0.0105	0.0105	1	0.1	0.00042	02/01/07	11:50
292499	W_2079	0.250	U		mg/L	0.25				0.01	-0.001	-0.001	1	0.25	-0.00004	02/01/07	11:50
292499	Y_3710	0.100	U		mg/L	0.1				0.004	0	0	1	0.1	0	02/01/07	11:50
292499	Zn2062	0.100	U		mg/L	0.1				0.004	0.0205	0.0205	1	0.1	0.00082	02/01/07	11:50
292499	Zr3496	0.100	U		mg/L	0.1				0.004	-0.00175	-0.00175	1	0.1	-0.00007	02/01/07	11:50
292500	Ag3280	0.100	U		mg/L	0.1				0.004	-0.00925	-0.00925	1	0.1	-0.00037	02/01/07	11:55
292500	Al3082	1.00	U		mg/L	1				0.04	-0.15975	-0.16	1	1	-0.00639	02/01/07	11:55
292500	As1890	0.125	U		mg/L	0.125				0.005	-0.10375	-0.104	1	0.125	-0.00415	02/01/07	11:55
292500	B_2496	0.500	U		mg/L	0.5				0.02	0.24575	0.246	1	0.5	0.00983	02/01/07	11:55
292500	Ba4934	0.100	U		mg/L	0.1				0.004	0.00475	0.00475	1	0.1	0.00019	02/01/07	11:55
292500	Be3130	0.100	U		mg/L	0.1				0.004	0	0	1	0.1	0	02/01/07	11:55
292500	Bi2230	0.250	U		mg/L	0.25				0.01	-0.001	-0.001	1	0.25	-0.00004	02/01/07	11:55
292500	Ca3179	1.01			mg/L	1				0.04	1.00875	1.01	1	1	0.04035	02/01/07	11:55
292500	Cd2265	0.100	U		mg/L	0.1				0.004	0.0025	0.0025	1	0.1	0.0001	02/01/07	11:55

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010089

Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292500	Co2286	0.100	U		mg/L	0.1				0.004	0.0325	0.0325	1	0.1	0.0013	02/01/07	11:55
292500	Cr2677	0.100	U		mg/L	0.1				0.004	0.01675	0.0168	1	0.1	0.00067	02/01/07	11:55
292500	Cu3247	0.100	U		mg/L	0.1				0.004	0.02825	0.0283	1	0.1	0.00113	02/01/07	11:55
292500	Fe2714	13.5			mg/L	1.25				0.05	13.4715	13.5	1	1.25	0.53886	02/01/07	11:55
292500	La3988	0.100	U		mg/L	0.1				0.004	-0.01575	-0.0158	1	0.1	-0.00063	02/01/07	11:55
292500	Mg2790	2.31			mg/L	1				0.04	2.31475	2.31	1	1	0.09259	02/01/07	11:55
292500	Mn2576	3.38			mg/L	0.1				0.004	3.3835	3.38	1	0.1	0.13534	02/01/07	11:55
292500	Mo2020	0.100	U		mg/L	0.1				0.004	0.005	0.005	1	0.1	0.0002	02/01/07	11:55
292500	Ni2316	0.100	U		mg/L	0.1				0.004	0.01675	0.0168	1	0.1	0.00067	02/01/07	11:55
292500	P_1782	0.500	U		mg/L	0.5				0.02	0.1085	0.109	1	0.5	0.00434	02/01/07	11:55
292500	Pd3404	0.200	U		mg/L	0.2				0.008	-0.01925	-0.0193	1	0.2	-0.00077	02/01/07	11:55
292500	S_1820	13.7			mg/L	0.5				0.02	13.69625	13.7	1	0.5	0.54785	02/01/07	11:55
292500	Sb2068	0.250	U		mg/L	0.25				0.01	-0.03425	-0.0343	1	0.25	-0.00137	02/01/07	11:55
292500	Si2881	0.500	U		mg/L	0.5				0.02	0.31275	0.313	1	0.5	0.01251	02/01/07	11:55
292500	Pb220	0.100	U		mg/L	0.1				0.004	0.03525	0.0353	1	0.1	0.00141	02/01/07	11:55
292500	Se196	0.150	U		mg/L	0.15				0.006	-0.0115	-0.0115	1	0.15	-0.00046	02/01/07	11:55
292500	Sn1899	0.125	U		mg/L	0.125				0.005	0.021	0.021	1	0.125	0.00084	02/01/07	11:55
292500	Sr4215	0.125	U		mg/L	0.125				0.005	0.00125	0.00125	1	0.125	0.00005	02/01/07	11:55
292500	Th2837	0.375	U		mg/L	0.375				0.015	0.0615	0.0615	1	0.375	0.00246	02/01/07	11:55
292500	Ti3349	0.100	U		mg/L	0.1				0.004	0.0025	0.0025	1	0.1	0.0001	02/01/07	11:55
292500	Tl1908	0.250	U		mg/L	0.25				0.01	-0.0215	-0.0215	1	0.25	-0.00086	02/01/07	11:55
292500	U_4090	2.50	U		mg/L	2.5				0.1	-0.30575	-0.306	1	2.5	-0.01223	02/01/07	11:55
292500	V_2924	0.100	U		mg/L	0.1				0.004	0.01425	0.0143	1	0.1	0.00057	02/01/07	11:55
292500	W_2079	0.250	U		mg/L	0.25				0.01	0.0055	0.0055	1	0.25	0.00022	02/01/07	11:55
292500	Y_3710	0.100	U		mg/L	0.1				0.004	0.003	0.003	1	0.1	0.00012	02/01/07	11:55
292500	Zn2062	0.100	U		mg/L	0.1				0.004	0.05025	0.0503	1	0.1	0.00201	02/01/07	11:55
292500	Zr3496	0.100	U		mg/L	0.1				0.004	0.016	0.016	1	0.1	0.00064	02/01/07	11:55
292501	Ag3280	0.100	U		mg/L	0.1				0.004	0.0145	0.0145	1	0.1	0.00058	02/01/07	12:00
292501	Al3082	1.00	U		mg/L	1				0.04	-0.12	-0.12	1	1	-0.0048	02/01/07	12:00
292501	As1890	0.125	U		mg/L	0.125				0.005	-0.0605	-0.0605	1	0.125	-0.00242	02/01/07	12:00
292501	B_2496	0.500	U		mg/L	0.5				0.02	0.10475	0.105	1	0.5	0.00419	02/01/07	12:00
292501	Ba4934	0.100	U		mg/L	0.1				0.004	0.01325	0.0133	1	0.1	0.00053	02/01/07	12:00
292501	Be3130	0.100	U		mg/L	0.1				0.004	-0.00025	-0.00025	1	0.1	-0.00001	02/01/07	12:00
292501	Bi2230	0.250	U		mg/L	0.25				0.01	0.1545	0.155	1	0.25	0.00618	02/01/07	12:00
292501	Ca3179	1.60			mg/L	1				0.04	1.5985	1.6	1	1	0.06394	02/01/07	12:00
292501	Cd2265	0.100	U		mg/L	0.1				0.004	0.00625	0.00625	1	0.1	0.00025	02/01/07	12:00
292501	Co2286	0.100	U		mg/L	0.1				0.004	0.018	0.018	1	0.1	0.00072	02/01/07	12:00
292501	Cr2677	0.100	U		mg/L	0.1				0.004	0.0035	0.0035	1	0.1	0.00014	02/01/07	12:00
292501	Cu3247	0.100	U		mg/L	0.1				0.004	0.027	0.027	1	0.1	0.00108	02/01/07	12:00

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010090

Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292501	Fe2714	1.25	U		mg/L	1.25				0.05	0.3965	0.397	1	1.25	0.01586	02/01/07	12:00
292501	La3988	0.100	U		mg/L	0.1				0.004	0.02	0.02	1	0.1	0.0008	02/01/07	12:00
292501	Mg2790	4.14			mg/L	1				0.04	4.143	4.14	1	1	0.16572	02/01/07	12:00
292501	Mn2576	0.100	U		mg/L	0.1				0.004	0.001	0.001	1	0.1	0.00004	02/01/07	12:00
292501	Mo2020	0.100	U		mg/L	0.1				0.004	0.00925	0.00925	1	0.1	0.00037	02/01/07	12:00
292501	Ni2316	0.100	U		mg/L	0.1				0.004	-0.0035	-0.0035	1	0.1	-0.00014	02/01/07	12:00
292501	P_1782	0.500	U		mg/L	0.5				0.02	0.0335	0.0335	1	0.5	0.00134	02/01/07	12:00
292501	Pd3404	0.200	U		mg/L	0.2				0.008	0.04275	0.0428	1	0.2	0.00171	02/01/07	12:00
292501	S_1820	12.4			mg/L	0.5				0.02	12.40525	12.4	1	0.5	0.49621	02/01/07	12:00
292501	Sb2068	0.250	U		mg/L	0.25				0.01	-0.077	-0.077	1	0.25	-0.00308	02/01/07	12:00
292501	Si2881	0.500	U		mg/L	0.5				0.02	0.28025	0.28	1	0.5	0.01121	02/01/07	12:00
292501	Pb220	0.100	U		mg/L	0.1				0.004	0.028	0.028	1	0.1	0.00112	02/01/07	12:00
292501	Se196	0.150	U		mg/L	0.15				0.006	0.02125	0.0213	1	0.15	0.00085	02/01/07	12:00
292501	Sn1899	0.125	U		mg/L	0.125				0.005	0.04275	0.0428	1	0.125	0.00171	02/01/07	12:00
292501	Sr4215	0.125	U		mg/L	0.125				0.005	0.00425	0.00425	1	0.125	0.00017	02/01/07	12:00
292501	Th2837	0.375	U		mg/L	0.375				0.015	-0.01525	-0.0153	1	0.375	-0.00061	02/01/07	12:00
292501	Ti3349	0.100	U		mg/L	0.1				0.004	-0.00125	-0.00125	1	0.1	-0.00005	02/01/07	12:00
292501	Tl1908	0.250	U		mg/L	0.25				0.01	-0.02225	-0.0223	1	0.25	-0.00089	02/01/07	12:00
292501	U_4090	2.50	U		mg/L	2.5				0.1	0.64475	0.645	1	2.5	0.02579	02/01/07	12:00
292501	V_2924	0.100	U		mg/L	0.1				0.004	-0.00075	-0.00075	1	0.1	-0.00003	02/01/07	12:00
292501	W_2079	0.250	U		mg/L	0.25				0.01	0.061	0.061	1	0.25	0.00244	02/01/07	12:00
292501	Y_3710	0.100	U		mg/L	0.1				0.004	0.00025	0.00025	1	0.1	0.00001	02/01/07	12:00
292501	Zn2062	0.100	U		mg/L	0.1				0.004	0.04	0.04	1	0.1	0.0016	02/01/07	12:00
292501	Zr3496	0.100	U		mg/L	0.1				0.004	0.00875	0.00875	1	0.1	0.00035	02/01/07	12:00
292502	Ag3280	0.100	U		mg/L	0.1				0.004	-0.0005	-0.0005	1	0.1	-0.00002	02/01/07	12:04
292502	Al3082	1.00	U		mg/L	1				0.04	-0.13825	-0.138	1	1	-0.00553	02/01/07	12:04
292502	As1890	0.125	U		mg/L	0.125				0.005	-0.0185	-0.0185	1	0.125	-0.00074	02/01/07	12:04
292502	B_2496	0.500	U		mg/L	0.5				0.02	0.372	0.372	1	0.5	0.01488	02/01/07	12:04
292502	Ba4934	0.100	U		mg/L	0.1				0.004	0.027	0.027	1	0.1	0.00108	02/01/07	12:04
292502	Be3130	0.100	U		mg/L	0.1				0.004	0	0	1	0.1	0	02/01/07	12:04
292502	Bi2230	0.250	U		mg/L	0.25				0.01	-0.05925	-0.0593	1	0.25	-0.00237	02/01/07	12:04
292502	Ca3179	2.64			mg/L	1				0.04	2.635	2.64	1	1	0.1054	02/01/07	12:04
292502	Cd2265	0.100	U		mg/L	0.1				0.004	0.00225	0.00225	1	0.1	0.00009	02/01/07	12:04
292502	Co2286	0.100	U		mg/L	0.1				0.004	0.014	0.014	1	0.1	0.00056	02/01/07	12:04
292502	Cr2677	0.100	U		mg/L	0.1				0.004	0.011	0.011	1	0.1	0.00044	02/01/07	12:04
292502	Cu3247	0.100	U		mg/L	0.1				0.004	0.03375	0.0338	1	0.1	0.00135	02/01/07	12:04
292502	Fe2714	1.25	U		mg/L	1.25				0.05	0.14025	0.14	1	1.25	0.00561	02/01/07	12:04
292502	La3988	0.100	U		mg/L	0.1				0.004	0.0005	0.0005	1	0.1	0.00002	02/01/07	12:04
292502	Mg2790	5.74			mg/L	1				0.04	5.7385	5.74	1	1	0.22954	02/01/07	12:04

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010091

Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292502	Mn2576	0.100	U		mg/L	0.1				0.004	0.002	0.002	1	0.1	0.00008	02/01/07	12:04
292502	Mo2020	0.100	U		mg/L	0.1				0.004	0.0185	0.0185	1	0.1	0.00074	02/01/07	12:04
292502	Ni2316	0.100	U		mg/L	0.1				0.004	0.011	0.011	1	0.1	0.00044	02/01/07	12:04
292502	P_1782	0.500	U		mg/L	0.5				0.02	0.128	0.128	1	0.5	0.00512	02/01/07	12:04
292502	Pd3404	0.200	U		mg/L	0.2				0.008	-0.0095	-0.0095	1	0.2	-0.00038	02/01/07	12:04
292502	S_1820	18.6			mg/L	0.5				0.02	18.63275	18.6	1	0.5	0.74531	02/01/07	12:04
292502	Sb2068	0.250	U		mg/L	0.25				0.01	-0.0285	-0.0285	1	0.25	-0.00114	02/01/07	12:04
292502	Si2881	0.776			mg/L	0.5				0.02	0.77575	0.776	1	0.5	0.03103	02/01/07	12:04
292502	Pb220	0.100	U		mg/L	0.1				0.004	0.00525	0.00525	1	0.1	0.00021	02/01/07	12:04
292502	Se196	0.150	U		mg/L	0.15				0.006	-0.04425	-0.0443	1	0.15	-0.00177	02/01/07	12:04
292502	Sn1899	0.125	U		mg/L	0.125				0.005	0.0245	0.0245	1	0.125	0.00098	02/01/07	12:04
292502	Sr4215	0.125	U		mg/L	0.125				0.005	0.006	0.006	1	0.125	0.00024	02/01/07	12:04
292502	Th2837	0.375	U		mg/L	0.375				0.015	0.07275	0.0728	1	0.375	0.00291	02/01/07	12:04
292502	Ti3349	0.100	U		mg/L	0.1				0.004	0.001	0.001	1	0.1	0.00004	02/01/07	12:04
292502	Tl1908	0.250	U		mg/L	0.25				0.01	-0.0465	-0.0465	1	0.25	-0.00186	02/01/07	12:04
292502	U_4090	2.50	U		mg/L	2.5				0.1	-0.14575	-0.146	1	2.5	-0.00583	02/01/07	12:04
292502	V_2924	0.100	U		mg/L	0.1				0.004	0.0085	0.0085	1	0.1	0.00034	02/01/07	12:04
292502	W_2079	0.250	U		mg/L	0.25				0.01	0.105	0.105	1	0.25	0.0042	02/01/07	12:04
292502	Y_3710	0.100	U		mg/L	0.1				0.004	0.0025	0.0025	1	0.1	0.0001	02/01/07	12:04
292502	Zn2062	0.100	U		mg/L	0.1				0.004	0.096	0.096	1	0.1	0.00384	02/01/07	12:04
292502	Zr3496	0.100	U		mg/L	0.1				0.004	0.013	0.013	1	0.1	0.00052	02/01/07	12:04
292503	Ag3280	0.100	U		mg/L	0.1				0.004	-0.01	-0.01	1	0.1	-0.0004	02/01/07	12:09
292503	Al3082	1.00	U		mg/L	1				0.04	-0.16875	-0.169	1	1	-0.00675	02/01/07	12:09
292503	As1890	0.125	U		mg/L	0.125				0.005	-0.11325	-0.113	1	0.125	-0.00453	02/01/07	12:09
292503	B_2496	1.04			mg/L	0.5				0.02	1.03725	1.04	1	0.5	0.04149	02/01/07	12:09
292503	Ba4934	0.100	U		mg/L	0.1				0.004	0	0	1	0.1	0	02/01/07	12:09
292503	Be3130	0.100	U		mg/L	0.1				0.004	-0.00075	-0.00075	1	0.1	-0.00003	02/01/07	12:09
292503	Bi2230	0.250	U		mg/L	0.25				0.01	-0.01975	-0.0198	1	0.25	-0.00079	02/01/07	12:09
292503	Ca3179	1.10			mg/L	1				0.04	1.09725	1.1	1	1	0.04389	02/01/07	12:09
292503	Cd2265	0.100	U		mg/L	0.1				0.004	0.0005	0.0005	1	0.1	0.00002	02/01/07	12:09
292503	Co2286	0.100	U		mg/L	0.1				0.004	0.001	0.001	1	0.1	0.00004	02/01/07	12:09
292503	Cr2677	0.100	U		mg/L	0.1				0.004	0.003	0.003	1	0.1	0.00012	02/01/07	12:09
292503	Cu3247	0.100	U		mg/L	0.1				0.004	0.008	0.008	1	0.1	0.00032	02/01/07	12:09
292503	Fe2714	1.25	U		mg/L	1.25				0.05	-0.183	-0.183	1	1.25	-0.00732	02/01/07	12:09
292503	La3988	0.100	U		mg/L	0.1				0.004	-0.01725	-0.0173	1	0.1	-0.00069	02/01/07	12:09
292503	Mg2790	1.00	U		mg/L	1				0.04	0.12575	0.126	1	1	0.00503	02/01/07	12:09
292503	Mn2576	0.100	U		mg/L	0.1				0.004	-0.00025	-0.00025	1	0.1	-0.00001	02/01/07	12:09
292503	Mo2020	0.100	U		mg/L	0.1				0.004	0.016	0.016	1	0.1	0.00064	02/01/07	12:09
292503	Ni2316	0.100	U		mg/L	0.1				0.004	-0.011	-0.011	1	0.1	-0.00044	02/01/07	12:09

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010092

Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292503	P_1782	0.500	U		mg/L	0.5				0.02	0.11075	0.111	1	0.5	0.00443	02/01/07	12:09
292503	Pd3404	0.200	U		mg/L	0.2				0.008	-0.0165	-0.0165	1	0.2	-0.00066	02/01/07	12:09
292503	S_1820	21.2			mg/L	0.5				0.02	21.24875	21.2	1	0.5	0.84995	02/01/07	12:09
292503	Sb2068	0.250	U		mg/L	0.25				0.01	-0.0365	-0.0365	1	0.25	-0.00146	02/01/07	12:09
292503	Si2881	13.1			mg/L	0.5				0.02	13.1165	13.1	1	0.5	0.52466	02/01/07	12:09
292503	Pb220	0.100	U		mg/L	0.1				0.004	-0.01725	-0.0173	1	0.1	-0.00069	02/01/07	12:09
292503	Se196	0.150	U		mg/L	0.15				0.006	-0.03325	-0.0333	1	0.15	-0.00133	02/01/07	12:09
292503	Sn1899	0.125	U		mg/L	0.125				0.005	0.01025	0.0103	1	0.125	0.00041	02/01/07	12:09
292503	Sr4215	0.125	U		mg/L	0.125				0.005	0.001	0.001	1	0.125	0.00004	02/01/07	12:09
292503	Th2837	0.375	U		mg/L	0.375				0.015	-0.032	-0.032	1	0.375	-0.00128	02/01/07	12:09
292503	Ti3349	0.100	U		mg/L	0.1				0.004	-0.0015	-0.0015	1	0.1	-0.00006	02/01/07	12:09
292503	Tl1908	0.250	U		mg/L	0.25				0.01	-0.05575	-0.0558	1	0.25	-0.00223	02/01/07	12:09
292503	U_4090	2.50	U		mg/L	2.5				0.1	-0.54875	-0.549	1	2.5	-0.02195	02/01/07	12:09
292503	V_2924	0.100	U		mg/L	0.1				0.004	-0.003	-0.003	1	0.1	-0.00012	02/01/07	12:09
292503	W_2079	0.250	U		mg/L	0.25				0.01	0.00325	0.00325	1	0.25	0.00013	02/01/07	12:09
292503	Y_3710	0.100	U		mg/L	0.1				0.004	0.00025	0.00025	1	0.1	0.00001	02/01/07	12:09
292503	Zn2062	0.100	U		mg/L	0.1				0.004	0.01175	0.0118	1	0.1	0.00047	02/01/07	12:09
292503	Zr3496	0.100	U		mg/L	0.1				0.004	-0.013	-0.013	1	0.1	-0.00052	02/01/07	12:09
292504	Ag3280	0.100	U		mg/L	0.1				0.004	0.0075	0.0075	1	0.1	0.0003	02/01/07	12:24
292504	Al3082	1.00	U		mg/L	1				0.04	0.2325	0.233	1	1	0.0093	02/01/07	12:24
292504	As1890	0.125	U		mg/L	0.125				0.005	-0.04625	-0.0463	1	0.125	-0.00185	02/01/07	12:24
292504	B_2496	1.14			mg/L	0.5				0.02	1.139	1.14	1	0.5	0.04556	02/01/07	12:24
292504	Ba4934	0.100	U		mg/L	0.1				0.004	0.00475	0.00475	1	0.1	0.00019	02/01/07	12:24
292504	Be3130	0.100	U		mg/L	0.1				0.004	0.00075	0.00075	1	0.1	0.00003	02/01/07	12:24
292504	Bi2230	0.250	U		mg/L	0.25				0.01	0.169	0.169	1	0.25	0.00676	02/01/07	12:24
292504	Ca3179	1.70			mg/L	1				0.04	1.70275	1.7	1	1	0.06811	02/01/07	12:24
292504	Cd2265	0.100	U		mg/L	0.1				0.004	0.002	0.002	1	0.1	0.00008	02/01/07	12:24
292504	Co2286	0.100	U		mg/L	0.1				0.004	0.035	0.035	1	0.1	0.0014	02/01/07	12:24
292504	Cr2677	0.100	U		mg/L	0.1				0.004	0.0265	0.0265	1	0.1	0.00106	02/01/07	12:24
292504	Cu3247	0.100	U		mg/L	0.1				0.004	0.0385	0.0385	1	0.1	0.00154	02/01/07	12:24
292504	Fe2714	1.25			mg/L	1.25				0.05	0.42775	0.428	1	1.25	0.01711	02/01/07	12:24
292504	La3988	0.100	U		mg/L	0.1				0.004	0.01875	0.0188	1	0.1	0.00075	02/01/07	12:24
292504	Mg2790	1.00	U		mg/L	1				0.04	0.3005	0.301	1	1	0.01202	02/01/07	12:24
292504	Mn2576	0.100	U		mg/L	0.1				0.004	0.00425	0.00425	1	0.1	0.00017	02/01/07	12:24
292504	Mo2020	0.100	U		mg/L	0.1				0.004	0.033	0.033	1	0.1	0.00132	02/01/07	12:24
292504	Ni2316	0.100	U		mg/L	0.1				0.004	0.02525	0.0253	1	0.1	0.00101	02/01/07	12:24
292504	P_1782	0.500	U		mg/L	0.5				0.02	0.12325	0.123	1	0.5	0.00493	02/01/07	12:24
292504	Pd3404	0.200	U		mg/L	0.2				0.008	0.1415	0.142	1	0.2	0.00566	02/01/07	12:24
292504	S_1820	24.7			mg/L	0.5				0.02	24.705	24.7	1	0.5	0.9882	02/01/07	12:24

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Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292504	Sb2068	0.250	U		mg/L	0.25				0.01	-0.04025	-0.0403	1	0.25	-0.00161	02/01/07	12:24
292504	Si2881	12.1			mg/L	0.5				0.02	12.12075	12.1	1	0.5	0.48483	02/01/07	12:24
292504	Pb220	0.100	U		mg/L	0.1				0.004	0.06575	0.0658	1	0.1	0.00263	02/01/07	12:24
292504	Se196	0.150	U		mg/L	0.15				0.006	-0.03625	-0.0363	1	0.15	-0.00145	02/01/07	12:24
292504	Sn1899	0.125	U		mg/L	0.125				0.005	0.026	0.026	1	0.125	0.00104	02/01/07	12:24
292504	Sr4215	0.125	U		mg/L	0.125				0.005	0.00275	0.00275	1	0.125	0.00011	02/01/07	12:24
292504	Th2837	0.375	U		mg/L	0.375				0.015	0.0415	0.0415	1	0.375	0.00166	02/01/07	12:24
292504	Ti3349	0.100	U		mg/L	0.1				0.004	0.00325	0.00325	1	0.1	0.00013	02/01/07	12:24
292504	Tl1908	0.250	U		mg/L	0.25				0.01	-0.046	-0.046	1	0.25	-0.00184	02/01/07	12:24
292504	U_4090	2.50	U		mg/L	2.5				0.1	0.96575	0.966	1	2.5	0.03863	02/01/07	12:24
292504	V_2924	0.100	U		mg/L	0.1				0.004	0.02275	0.0228	1	0.1	0.00091	02/01/07	12:24
292504	W_2079	0.250	U		mg/L	0.25				0.01	0.0505	0.0505	1	0.25	0.00202	02/01/07	12:24
292504	Y_3710	0.100	U		mg/L	0.1				0.004	0.00275	0.00275	1	0.1	0.00011	02/01/07	12:24
292504	Zn2062	0.100	U		mg/L	0.1				0.004	0.0415	0.0415	1	0.1	0.00166	02/01/07	12:24
292504	Zr3496	0.100	U		mg/L	0.1				0.004	0.02975	0.0298	1	0.1	0.00119	02/01/07	12:24
PBW-B12H1	K_766	12.5	U		mg/L	12.5				0.5	3.481088603	3.48	1	12.5	0.139243544	02/12/07	4:23 PM
PBW-B12H1	Li670	0.300	U		mg/L	0.3				0.012	0.038777657	0.0388	1	0.3	0.001551106	02/12/07	4:23 PM
PBW-B12H1	Na589	6.25	U		mg/L	6.25				0.25	-1.171638592	-1.17	1	6.25	-0.046865544	02/12/07	4:23 PM
LCSW-B12H1	K_766	20.2			mg/L	0.5		101.0%	20	0.5	20.20903754	20.2	1	0.5	20.20903754	02/12/07	4:26 PM
LCSW-B12H1	Li670	4.03			mg/L	0.012		100.8%	4	0.012	4.034508943	4.03	1	0.012	4.034508943	02/12/07	4:26 PM
LCSW-B12H1	Na589	20.4			mg/L	0.25		102.0%	20	0.25	20.38403054	20.4	1	0.25	20.38403054	02/12/07	4:26 PM
292486	K_766	156			mg/L	12.5				0.5	156.1020564	156	1	12.5	6.244082256	02/12/07	4:29 PM
292486	Li670	0.300	U		mg/L	0.3				0.012	0.008136576	0.00814	1	0.3	0.000325463	02/12/07	4:29 PM
292486	Na589	8.50			mg/L	6.25				0.25	8.502864625	8.5	1	6.25	0.340114585	02/12/07	4:29 PM
292487	K_766	160			mg/L	12.5				0.5	159.797649	160	1	12.5	6.391905961	02/12/07	4:32 PM
292487	Li670	0.300	U		mg/L	0.3				0.012	-0.011271914	-0.0113	1	0.3	-0.000450877	02/12/07	4:32 PM
292487	Na589	7.19			mg/L	6.25				0.25	7.191918431	7.19	1	6.25	0.287676737	02/12/07	4:32 PM
292488	K_766	20.5			mg/L	12.5				0.5	20.46302623	20.5	1	12.5	0.818521049	02/12/07	4:35 PM
292488	Li670	0.300	U		mg/L	0.3				0.012	0.124635788	0.125	1	0.3	0.004985432	02/12/07	4:35 PM
292488	Na589	140			mg/L	6.25				0.25	139.8238929	140	1	6.25	5.592955718	02/12/07	4:35 PM
292489	K_766	18.7			mg/L	15.6				0.5	18.66853603	18.7	1	15.625	0.597393153	02/12/07	4:38 PM
292489	Li670	0.375	U		mg/L	0.375				0.012	-0.177412556	-0.177	1	0.375	-0.005677202	02/12/07	4:38 PM
292489	Na589	289			mg/L	7.81				0.25	289.3993669	289	1	7.8125	9.260779742	02/12/07	4:38 PM
292490	K_766	12.9			mg/L	12.5				0.5	12.88284904	12.9	1	12.5	0.515313962	02/12/07	4:41 PM
292490	Li670	0.300	U		mg/L	0.3				0.012	-0.048092715	-0.0481	1	0.3	-0.001923709	02/12/07	4:41 PM
292490	Na589	139			mg/L	6.25				0.25	139.0368883	139	1	6.25	5.561475532	02/12/07	4:41 PM
292491	K_766	12.9			mg/L	12.5				0.5	12.90683418	12.9	1	12.5	0.516273367	02/12/07	4:44 PM
292491	Li670	0.300	U		mg/L	0.3				0.012	-0.003299956	-0.0033	1	0.3	-0.000131998	02/12/07	4:44 PM
292491	Na589	138			mg/L	6.25				0.25	138.431065	138	1	6.25	5.537242599	02/12/07	4:44 PM

Div 20  
to#070125-1  
06002.01.222

010094

Please note that the samples were filtered using 0.45um syringe filters prior to analysis.  
No sample QC (duplicates or spikes) were performed due to limited sample volumes received.

Sample ID	Element	Result	Qual (C)	Qual (Q)	Units	RL	%RPD	%Recovery	TV	rl	mg/L	sigwt	Dil	Calc RL	ug/ml	Date	Time
292492	K_766	22.8			mg/L	12.5				0.5	22.79694608	22.8	1	12.5	0.911877843	02/12/07	4:47 PM
292492	Li670	0.300	U		mg/L	0.3				0.012	-0.038113127	-0.0381	1	0.3	-0.001524525	02/12/07	4:47 PM
292492	Na589	179			mg/L	6.25				0.25	179.0485353	179	1	6.25	7.161941413	02/12/07	4:47 PM
292493	K_766	17.1			mg/L	12.5				0.5	17.11722084	17.1	1	12.5	0.684688834	02/12/07	4:50 PM
292493	Li670	0.300	U		mg/L	0.3				0.012	-0.044451507	-0.0445	1	0.3	-0.00177806	02/12/07	4:50 PM
292493	Na589	181			mg/L	6.25				0.25	181.4101328	181	1	6.25	7.256405312	02/12/07	4:50 PM
292494	K_766	12.5	U		mg/L	12.5				0.5	12.13206842	12.1	1	12.5	0.485282737	02/12/07	4:59 PM
292494	Li670	0.300	U		mg/L	0.3				0.012	-0.135600823	-0.136	1	0.3	-0.005424033	02/12/07	4:59 PM
292494	Na589	152			mg/L	6.25				0.25	152.4656366	152	1	6.25	6.098625463	02/12/07	4:59 PM
292495	K_766	12.5	U		mg/L	12.5				0.5	11.13254901	11.1	1	12.5	0.44530196	02/12/07	5:02 PM
292495	Li670	0.300	U		mg/L	0.3				0.012	0.086009868	0.086	1	0.3	0.003440395	02/12/07	5:02 PM
292495	Na589	138			mg/L	6.25				0.25	138.2033181	138	1	6.25	5.528132722	02/12/07	5:02 PM
292496	K_766	12.5	U		mg/L	12.5				0.5	9.034227143	9.03	1	12.5	0.361369086	02/12/07	5:06 PM
292496	Li670	0.300	U		mg/L	0.3				0.012	0.096033033	0.096	1	0.3	0.003841321	02/12/07	5:06 PM
292496	Na589	140			mg/L	6.25				0.25	140.0620883	140	1	6.25	5.602483531	02/12/07	5:06 PM
292497	K_766	12.5	U		mg/L	12.5				0.5	7.69386796	7.69	1	12.5	0.307754718	02/12/07	5:09 PM
292497	Li670	0.300	U		mg/L	0.3				0.012	-0.132296461	-0.132	1	0.3	-0.005291858	02/12/07	5:09 PM
292497	Na589	139			mg/L	6.25				0.25	139.039782	139	1	6.25	5.561591279	02/12/07	5:09 PM
292498	K_766	12.5	U		mg/L	12.5				0.5	10.04441701	10	1	12.5	0.40177668	02/12/07	5:12 PM
292498	Li670	0.300	U		mg/L	0.3				0.012	0.117776425	0.118	1	0.3	0.004711057	02/12/07	5:12 PM
292498	Na589	142			mg/L	6.25				0.25	141.5371351	142	1	6.25	5.661485404	02/12/07	5:12 PM
292499	K_766	34.3			mg/L	12.5				0.5	34.27560853	34.3	1	12.5	1.371024341	02/12/07	5:15 PM
292499	Li670	0.300	U		mg/L	0.3				0.012	-0.042295798	-0.0423	1	0.3	-0.001691832	02/12/07	5:15 PM
292499	Na589	229			mg/L	6.25				0.25	229.4350647	229	1	6.25	9.17740259	02/12/07	5:15 PM
292500	K_766	27.6			mg/L	12.5				0.5	27.62716547	27.6	1	12.5	1.105086619	02/12/07	5:18 PM
292500	Li670	0.300	U		mg/L	0.3				0.012	0.011010611	0.011	1	0.3	0.000440424	02/12/07	5:18 PM
292500	Na589	195			mg/L	6.25				0.25	195.1891402	195	1	6.25	7.807565608	02/12/07	5:18 PM
292501	K_766	12.5	U		mg/L	12.5				0.5	10.07471466	10.1	1	12.5	0.402988586	02/12/07	5:21 PM
292501	Li670	0.300	U		mg/L	0.3				0.012	0.13073017	0.131	1	0.3	0.005229207	02/12/07	5:21 PM
292501	Na589	138			mg/L	6.25				0.25	138.4828709	138	1	6.25	5.539314836	02/12/07	5:21 PM
292502	K_766	23.7			mg/L	12.5				0.5	23.74852931	23.7	1	12.5	0.949941173	02/12/07	5:24 PM
292502	Li670	0.300	U		mg/L	0.3				0.012	-0.03910197	-0.0391	1	0.3	-0.001564079	02/12/07	5:24 PM
292502	Na589	207			mg/L	6.25				0.25	206.768176	207	1	6.25	8.270727042	02/12/07	5:24 PM
292503	K_766	122			mg/L	12.5				0.5	121.6714189	122	1	12.5	4.866856757	02/12/07	5:27 PM
292503	Li670	0.300	U		mg/L	0.3				0.012	0.108840561	0.109	1	0.3	0.004353622	02/12/07	5:27 PM
292503	Na589	217			mg/L	6.25				0.25	217.4352985	217	1	6.25	8.69741194	02/12/07	5:27 PM
292504	K_766	176			mg/L	12.5				0.5	176.0250733	176	1	12.5	7.04100293	02/12/07	5:36 PM
292504	Li670	0.300	U		mg/L	0.3				0.012	0.108791935	0.109	1	0.3	0.004351677	02/12/07	5:36 PM
292504	Na589	165			mg/L	6.25				0.25	164.6236072	165	1	6.25	6.584944289	02/12/07	5:36 PM

- 200.7 TAP No. 01-0406-028 Rev3/Jan06
- 6010B TAP No. 01-0406-130 Rev5/Jan06
- Other \_\_\_\_\_

QC STD. ID's  
 CCV 07601  
 CRI \_\_\_\_\_  
 ICSA \_\_\_\_\_  
 ICSAB 07601

ICP CAL.STD.  
 ID's  
 Std0 07601  
 Std1 \_\_\_\_\_  
 Std2 \_\_\_\_\_  
 Std3 \_\_\_\_\_  
 Std4 \_\_\_\_\_  
 Std5 \_\_\_\_\_  
 Std6 07601

**010095**

PROJ. NO.	PROJECT	TO#	DATE	MATRIX	LOGBK PG
<u>06002.06222</u>	<u>Div. 20</u>	<u>070125-1</u>	<u>2-1-07</u>	<u>Water</u>	<u>65-251</u>

INSTRUMENT: TRACE2 FILENAME: B 701251

 2-1-07

File converted to wsl?

# TRACE METALS PREPARATORY LABORATORY DIGESTION LOG

SOUTHWEST RESEARCH INSTITUTE  
 SAN ANTONIO, TEXAS 78228

BOOK / PAGE: 05 251

CLIENT(S): Div 20 010096  
 TASK ORDER(S): 070125-1 SDG(S): 292486  
 PROJECT NO(S): 06002.01.222  
 METHOD: 3005A  3050B  3050B-7.5  3010A  3020A  7760A  7740A  HClO<sub>4</sub>  HClO<sub>4</sub>/H<sub>2</sub>SO<sub>4</sub>   
 Microwave  Fusion  Teflon  Rock  OTHER dilutions  
 MATRIX: Water  Soil  Biota  Solid  Liquid  TCLP Ext  OTHER   
 INSTRUMENT: GFAA  ICP  ICP-MS  IC  FLAA  HYDRIDE  OTHER   
 ACID INORG #: HNO<sub>3</sub> # 6194 HCl # 6237 H<sub>2</sub>SO<sub>4</sub> #  HClO<sub>4</sub> #  HF #  H<sub>2</sub>O<sub>2</sub> #   
 INTERNAL STD: Sc @ 10 PPM  Be @ 10 PPM  SOURCE: EV INORG# 610 EXP: 11-1-07 AMT: 52L  
 Oven/Hotplate/ Block ID: N/A Temperature (°C): N/A

Sample Identification	df	WT(g)	I.V.(ml)	F.V.(ml)	F.V.(mL)	
pbw-B01H1				5	5	
lcsw-B01H1*				5	5	
292486	25		0.2	5	5	
292487	25		0.2	5	5	
292488	25		0.2	5	5	
292489	25		0.2	5	5	
292490	25		0.2	5	5	
292491	25		0.2	5	5	
292492	25		0.2	5	5	
292493	25		0.2	5	5	
292494	25		0.2	5	5	
292495	25		0.2	5	5	
292496	25		0.2	5	5	
292497	25		0.2	5	5	
292498	25		0.2	5	5	
292499	25		0.2	5	5	
292500	25		0.2	5	5	
292501	25		0.2	5	5	
292502	25		0.2	5	5	
292503	25		0.2	5	5	
292504	25		0.2	5	5	

\*20ul Li # 5790 exp. 6/1/07  
 \*20ul ICAL-1 Spex#6164 exp. 10/31/07  
 \*50ul Spike-1 #6163 Exp.10/31/07  
 PBW&LCSW are prepared as 5mls 1%HNO<sub>3</sub>/ 5% HCL

Samples filtered  
 on 2-1-07 by [Signature]

2-1-07

LOCATION: N/A

PREPARED BY: [Signature]  
 REVIEWED BY: [Signature]  
 DISPOSAL INT/DATE/LOC: \_\_\_\_\_

DATE: 2-1-07  
 DATE: 2/1/07

Method: DAILY2 Standard: blk  
Run Time: 02/01/07 09:24:56

010097

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Avg	-.0000	.0005	-.0000	-.0000	-.0000	.0004	-.0000
SDev	.0000	.0000	.0000	.0000	.0000	.0000	.0000
%RSD	12.56	.5689	100.1	237.8	32.59	2.034	87.69
#1	-.0000	.0005	-.0000	-.0000	-.0000	.0004	-.0000
#2	-.0000	.0005	-.0000	.0000	-.0000	.0004	-.0000
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Avg	.0000	-.0000	-.0000	-.0000	.0002	.0000	.0002
SDev	.0000	.0000	.0000	.0000	.0000	.0000	.0001
%RSD	48.15	58.56	19.08	172.3	8.762	55.96	23.50
#1	.0000	-.0000	-.0000	-.0000	.0002	.0000	.0002
#2	.0000	-.0000	-.0000	.0000	.0002	.0000	.0003
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Avg	-.0000	-.0000	-.0000	.0000	-.0000	-.0001	-.0106
SDev	.0000	.0000	.0000	.0000	.0000	.0000	.0001
%RSD	3574.	93.64	302.6	1.140	135.0	3.037	.4875
#1	-.0000	-.0000	-.0000	.0000	-.0000	-.0001	-.0106
#2	.0000	-.0000	.0000	.0000	-.0000	-.0001	-.0107
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Avg	.0000	.0001	.0001	-.0000	.0000	.0004	-.0010
SDev	.0000	.0000	.0001	.0000	.0000	.0000	.0000
%RSD	969.8	17.32	34.50	101.4	89.27	2.060	2.584
#1	-.0000	.0001	.0001	-.0001	.0000	.0004	-.0009
#2	.0000	.0001	.0002	-.0000	.0001	.0004	-.0010
Elem	Sc3613	1960/1	1960/2	Si2881	Sn1899	Sr4215	Th2837
Avg	96.88	-.0001	.0001	.0012	-.0000	-.0000	.0000
SDev	1.10	.0000	.0000	.0000	.0000	.0000	.0000
%RSD	1.133	35.21	6.680	.0977	36.42	199.1	106.6
#1	97.66	-.0001	.0001	.0012	-.0000	-.0000	.0000
#2	96.10	-.0001	.0001	.0012	-.0000	.0000	.0000
Elem	Ti3349	Tl1908	U_4090	V_2924	W_2079	Y_3710	Zn2062
Avg	-.0001	-.0002	-.0004	-.0000	.0001	.0000	-.0000
SDev	.0000	.0000	.0001	.0000	.0000	.0000	.0000
%RSD	27.49	7.522	23.97	20.98	39.56	469.1	257.2
#1	-.0001	-.0002	-.0004	-.0000	.0001	-.0000	-.0000
#2	-.0001	-.0001	-.0003	-.0000	.0001	.0000	.0000
Elem	Zr3496						
Avg	-.0000						
SDev	.0001						
%RSD	195.9						
#1	-.0001						
#2	.0000						

 z-1-z7

 2/13/07

**010098**

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	968718	10000	--	--	--	--	--
SDev	11045.72	.00000000	--	--	--	--	--
%RSD	1.140241	.00000000	--	--	--	--	--
#1	976528	10000	--	--	--	--	--
#2	960907	10000	--	--	--	--	--

Method: DAILY2      Standard: clp\_std4  
 Run Time: 02/01/07 09:29:49

**010099**

Elem	Ag3280	As1890	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.0809	.0995	.2710	.2443	.1436	.1751	.1980
SDev	.0000	.0002	.0004	.0014	.0003	.0005	.0013
%RSD	.0496	.1561	.1395	.5858	.2161	.2697	.6449
#1	.0809	.0996	.2713	.2453	.1434	.1754	.1989
#2	.0809	.0994	.2707	.2433	.1438	.1747	.1971

Elem	Tl1908
Avge	.1813
SDev	.0005
%RSD	.2697

#1	.1809
#2	.1816

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1047180	10000	--	--	--	--	--
SDev	440.5275	.0000000	--	--	--	--	--
%RSD	.0420680	.0000000	--	--	--	--	--
#1	1046869	10000	--	--	--	--	--
#2	1047492	10000	--	--	--	--	--

Method: DAILY2 Standard: clp\_std1

Run Time: 02/01/07 09:34:18

**010100**

Elem	Al3082	Ca3179	Fe2714	K_7664	Li6707	Mg2790	Na3302
Avge	.0940	.2136	.0736	.1903	3.032	.0856	.0075
SDev	.0000	.0000	.0002	.0004	.005	.0000	.0000
%RSD	.0434	.0173	.2875	.1929	.1623	.0294	.2247
#1	.0940	.2137	.0738	.1901	3.029	.0856	.0075
#2	.0939	.2136	.0735	.1906	3.036	.0855	.0075
IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1002424	10000	--	--	--	--	--
SDev	10337.19	.0000000	--	--	--	--	--
%RSD	1.031220	.0000000	--	--	--	--	--
#1	995114	10000	--	--	--	--	--
#2	1009733	10000	--	--	--	--	--

Method: DAILY2      Standard: clp\_std5  
 Run Time: 02/01/07 09:38:04

**010101**

Elem	B_2496	Bi2230	Mo2020	P_1782	Si2881	Sn1899	Sr4215
Avge	.1504	.0269	.2635	.0286	.1437	.1245	2.574
SDev	.0003	.0001	.0005	.0000	.0003	.0002	.005
%RSD	.2288	.3853	.1804	.0893	.1790	.1954	.2079
#1	.1502	.0268	.2631	.0286	.1439	.1243	2.570
#2	.1507	.0270	.2638	.0286	.1435	.1246	2.578

Elem	Ti3349
Avge	2.874
SDev	.004
%RSD	.1336

#1	2.871
#2	2.876

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1040742	10000	--	--	--	--	--
SDev	824.4865	.0000000	--	--	--	--	--
%RSD	.0792210	.0000000	--	--	--	--	--
#1	1040159	10000	--	--	--	--	--
#2	1041325	10000	--	--	--	--	--

Method: DAILY2      Standard: clp\_std2  
 Run Time: 02/01/07 09:41:51

**010102**

Elem	Ba4934	Be3130	Cr2677	Cu3247	Ni2316
Avge	.9885	1.304	.4022	.3144	.2922
SDev	.0006	.002	.0003	.0013	.0001
%RSD	.0591	.1220	.0812	.4134	.0507

#1	.9889	1.305	.4024	.3154	.2923
#2	.9881	1.302	.4020	.3135	.2921

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1063410	10000	--	--	--	--	--
SDev	12561.75	.0000000	--	--	--	--	--
%RSD	1.181270	.0000000	--	--	--	--	--
#1	1054528	10000	--	--	--	--	--
#2	1072293	10000	--	--	--	--	--

Method: DAILY2      Standard: clp\_std3  
 Run Time: 02/01/07 09:45:37

**010103**

Elem	Cd2265	Co2286	Mn2576	V_2924	Zn2062
Avge	.8646	.1841	.9477	.1923	.2259
SDev	.0011	.0003	.0013	.0001	.0005
%RSD	.1231	.1658	.1318	.0511	.2073

#1	.8653	.1843	.9485	.1923	.2262
#2	.8638	.1839	.9468	.1922	.2255

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1046495	10000	--	--	--	--	--
SDev	5249.560	.0000000	--	--	--	--	--
%RSD	.5016327	.0000000	--	--	--	--	--
#1	1042783	10000	--	--	--	--	--
#2	1050207	10000	--	--	--	--	--

Method: DAILY2      Standard: clp\_std6  
 Run Time: 02/01/07 09:49:23

**010104**

Elem	La3988	Na5889	Pd3404	S_1820	Th2837	U_4090	W_2079
Avge	.4757	.0401	.1865	.0275	.0927	.0636	.1630
SDev	.0005	.0004	.0003	.0001	.0001	.0000	.0001
%RSD	.1012	1.077	.1744	.3506	.0790	.0438	.0795

#1	.4754	.0398	.1863	.0276	.0927	.0636	.1631
#2	.4761	.0404	.1867	.0274	.0926	.0636	.1630

Elem	Y_3710	Zr3496
Avge	.7395	1.944
SDev	.0000	.002
%RSD	.0015	.1111

#1	.7395	1.942
#2	.7395	1.945

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1003321	10000	--	--	--	--	--
SDev	161.2203	.0000000	--	--	--	--	--
%RSD	.0160687	.0000000	--	--	--	--	--
#1	1003435	10000	--	--	--	--	--
#2	1003207	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ICV/CCV

Operator:

Run Time: 02/01/07 09:53:32

**010105**

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9785	9.850	5.165	4.982	10.17	.9912	5.099
SDev	.0013	.008	.002	.014	.01	.0031	.006
%RSD	.1328	.0841	.0413	.2822	.0540	.3101	.1239
#1	.9776	9.856	5.163	4.972	10.18	.9890	5.104
#2	.9794	9.844	5.166	4.992	10.17	.9934	5.095
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	10.00	5.000	5.000	10.00	1.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.87	1.005	5.088	1.996	2.024	10.52	18.44
SDev	.07	.005	.009	.004	.001	.02	.03
%RSD	.3480	.4825	.1727	.1988	.0263	.1899	.1833
#1	19.82	1.002	5.082	1.993	2.023	10.51	18.47
#2	19.92	1.009	5.094	1.999	2.024	10.54	18.42
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	20.00	1.000	5.000	2.000	2.000	10.00	20.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.960	4.729	20.11	1.014	5.005	27.86	Q41.63
SDev	.005	.008	.05	.003	.007	.12	.11
%RSD	.0976	.1794	.2378	.2539	.1352	.4444	.2736
#1	4.957	4.735	20.08	1.012	5.000	27.77	Q41.71
#2	4.963	4.723	20.15	1.016	5.009	27.95	Q41.55
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	5.000	20.00	1.000	5.000	30.00	30.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.988	4.943	5.092	5.082	1.009	.9924	1.009
SDev	.011	.001	.020	.015	.004	.0032	.009
%RSD	.2112	.0108	.4021	.2939	.4344	.3270	.9266
#1	4.980	4.943	5.078	5.071	1.006	.9947	1.003
#2	4.995	4.943	5.106	5.092	1.012	.9901	1.016
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	5.000	5.000			1.000	1.000	1.000
Range	10.00	10.00			10.00	10.00	10.00
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

**010106**

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.7	5.346	5.334	4.978	5.085	5.338	5.305
SDev	1.5	.001	.018	.005	.017	.012	.016
%RSD	1.504	.0245	.3386	.0906	.3300	.2337	.3037
#1	103.8	5.345	5.321	4.975	5.073	5.329	5.294
#2	101.6	5.347	5.346	4.981	5.097	5.347	5.316
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				5.000	5.000	5.000	5.000
Range				10.00	10.00	10.00	10.00
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.005	1.010	4.839	5.292	1.013	4.983	1.057
SDev	.007	.001	.002	.003	.031	.004	.006
%RSD	.1345	.0980	.0341	.0484	3.108	.0878	.5655
#1	5.009	1.011	4.838	5.291	.9908	4.980	1.053
#2	5.000	1.010	4.840	5.294	1.035	4.986	1.061
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	1.000	5.000	5.000	1.000	5.000	1.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Elem	Y_3710	Zn2062	Zr3496				
Units	ppm	ppm	ppm				
Avge	5.081	1.015	4.960				
SDev	.006	.006	.006				
%RSD	.1133	.5448	.1174				
#1	5.077	1.011	4.964				
#2	5.086	1.019	4.956				
Errors	QC Pass	QC Pass	QC Pass				
Value	5.000	1.000	5.000				
Range	10.00	10.00	10.00				

**010107**

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	994558	10000	--	--	--	--	--
SDev	15046.52	.0000000	--	--	--	--	--
%RSD	1.512885	.0000000	--	--	--	--	--
#1	1005198	10000	--	--	--	--	--
#2	983919	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icb/ccb  
 Run Time: 02/01/07 09:58:25  
 Comment:  
 Mode: CONC Corr. Factor: 1

Operator:

**010108**

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	.0050	.0009	.0103	.0006	.0001	.0038
SDev	.0007	.0011	.0032	.0009	.0000	.0000	.0019
%RSD	230.3	22.39	345.3	8.485	6.506	23.79	49.08
#1	-.0008	.0058	-.0013	.0109	.0006	.0001	.0025
#2	.0002	.0042	.0032	.0097	.0005	.0001	.0051
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0009	.0001	.0008	.0005	.0004	.0169	.0054
SDev	.0009	.0000	.0002	.0004	.0001	.0091	.0029
%RSD	94.57	31.46	29.33	79.98	22.14	54.01	52.91
#1	.0015	.0002	.0006	.0002	.0003	.0233	.0034
#2	.0003	.0001	.0010	.0008	.0005	.0104	.0074
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0002	.0014	.0001	.0015	L-.1374	.0077
SDev	.0001	.0001	.0028	.0000	.0001	.1774	.0012
%RSD	148.9	23.75	196.0	6.175	3.615	129.1	15.89
#1	.0002	.0003	.0034	.0001	.0015	-.0120	.0086
#2	-.0000	.0002	-.0005	.0001	.0016	L-.2629	.0069
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0009	.0047	-.0034	.0032	-.0004	.0006	.0012
SDev	.0001	.0025	.0007	.0007	.0020	.0117	.0015
%RSD	10.71	53.72	21.96	23.48	478.6	1915.	123.2
#1	.0010	.0065	-.0029	.0026	.0010	-.0077	.0002
#2	.0008	.0029	-.0039	.0037	-.0019	.0089	.0022
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0200	.0100
Low	-.0050	-.0100			-.0050	-.0200	-.0100
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

**010109**

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.7	-.0021	-.0021	.0010	.0010	-.0021	.0021
SDev	.0	.0014	.0015	.0013	.0002	.0015	.0002
%RSD	.0065	66.46	68.94	132.0	24.95	68.42	8.126
#1	100.7	-.0011	-.0011	.0019	.0008	-.0011	.0022
#2	100.7	-.0031	-.0032	.0001	.0012	-.0032	.0020
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0023	.0002	.0036	.0003	.0006	.0018
SDev	.0000	.0040	.0001	.0034	.0202	.0001	.0016
%RSD	14.56	173.7	38.47	96.26	7476.	9.998	86.48
#1	.0003	-.0005	.0002	.0011	.0146	.0006	.0007
#2	.0002	.0051	.0003	.0060	-.0140	.0007	.0029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100
Elem	Y_3710	Zn2062	Zr3496				
Units	ppm	ppm	ppm				
Avge	.0004	.0001	.0007				
SDev	.0000	.0001	.0001				
%RSD	9.844	97.00	8.240				
#1	.0004	.0001	.0007				
#2	.0004	.0000	.0008				
Errors	LC Pass	LC Pass	LC Pass				
High	.0050	.0050	.0050				
Low	-.0050	-.0050	-.0050				

**010110**

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	975870	10000	--	--	--	--	--
SDev	124.4508	.0000000	--	--	--	--	--
%RSD	.0127528	.0000000	--	--	--	--	--
#1	975782	10000	--	--	--	--	--
#2	975958	10000	--	--	--	--	--

Method: DAILY2 Sample Name: cri

Operator:

Run Time: 02/01/07 10:03:16

Comment:

**010111**

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0202	.1091	.0172	.1059	.0211	.0100	.0044
SDev	.0006	.0063	.0017	.0007	.0001	.0000	.0035
%RSD	2.871	5.783	9.634	.6340	.2594	.3953	78.54
#1	.0198	.1046	.0161	.1063	.0210	.0100	.0069
#2	.0206	.1136	.0184	.1054	.0211	.0101	.0020
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.0200	.1000	.0200	.1000	.0200	.0100	
Range	50.00	50.00	50.00	50.00	50.00	50.00	
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0010	.0103	.1014	.0207	.0500	.1130	-.0044
SDev	.0009	.0004	.0006	.0009	.0004	.0033	.0152
%RSD	88.89	4.101	.5555	4.427	.7223	2.911	344.3
#1	.0004	.0100	.1010	.0200	.0498	.1153	-.0152
#2	.0017	.0106	.1018	.0213	.0503	.1106	.0063
Errors	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value		.0100	.1000	.0200	.0500	.1000	
Range		50.00	50.00	50.00	50.00	50.00	
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.0664	.0036	.0307	.0206	-.2206	.0170
SDev	.0013	.0000	.0082	.0001	.0003	.1940	.0038
%RSD	244.0	.0630	227.8	.4316	1.674	87.94	22.25
#1	-.0004	.0664	-.0022	.0306	.0208	-.3577	.0144
#2	.0015	.0664	.0094	.0307	.0204	-.0834	.0197
Errors	NOCHECK	QC Pass	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK
Value		.1000		.0300	.0200		
Range		50.00		50.00	50.00		
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0815	.0905	.0007	.0107	.0012	-.0157	.1282
SDev	.0004	.0039	.0008	.0017	.0027	.0074	.0023
%RSD	.4707	4.305	128.4	16.02	217.0	47.41	1.788
#1	.0812	.0932	.0012	.0119	-.0007	-.0104	.1266
#2	.0817	.0877	.0001	.0095	.0031	-.0209	.1298
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value	.0800	.1000					.1200
Range	50.00	50.00					50.00
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

**010112**

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	103.3	.0097	.0104	.1121	.0074	.0102	.1037
SDev	.3	.0002	.0024	.0030	.0014	.0016	.0009
%RSD	.2981	2.114	23.55	2.652	19.30	15.32	.8899
#1	103.5	.0099	.0086	.1100	.0084	.0091	.1031
#2	103.1	.0096	.0121	.1142	.0063	.0113	.1044
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				.1000	.0060	.0100	.1000
Range				50.00	50.00	50.00	50.00
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0209	.0039	.0199	.0207	.2035	.1014	.0029
SDev	.0000	.0007	.0000	.0004	.0257	.0004	.0003
%RSD	.1605	18.66	.1015	1.927	12.63	.4396	9.702
#1	.0209	.0034	.0199	.0204	.1853	.1011	.0031
#2	.0209	.0044	.0199	.0210	.2217	.1018	.0027
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.0200		.0200	.0200	.2000	.1000	
Range	50.00		50.00	50.00	50.00	50.00	
Elem	Y_3710	Zn2062	Zr3496				
Units	ppm	ppm	ppm				
Avge	.0002	.0408	.0884				
SDev	.0000	.0002	.0003				
%RSD	14.69	.5246	.2805				
#1	.0002	.0406	.0882				
#2	.0002	.0409	.0885				
Errors	NOCHECK	QC Pass	QC Pass				
Value		.0400	.1000				
Range		50.00	50.00				

**010113**

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1000552	10000	--	--	--	--	--
SDev	2953.585	.0000000	--	--	--	--	--
%RSD	.2951954	.0000000	--	--	--	--	--
#1	1002641	10000	--	--	--	--	--
#2	998464	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsa

Operator:

Run Time: 02/01/07 10:08:06

**010114**

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0010	503.9	.0016	-.0123	.0025	.0002	-.0004
SDev	.0016	1.0	.0042	.0005	.0001	.0000	.0057
%RSD	155.5	.1888	266.2	3.721	4.714	16.21	1529.
#1	.0001	503.2	-.0014	-.0126	.0026	.0002	.0037
#2	-.0021	504.6	.0045	-.0120	.0024	.0002	-.0044
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value		500.0					
Range		20.00					
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	456.2	.0005	.0009	-.0014	.0017	188.4	-.0093
SDev	1.4	.0002	.0006	.0010	.0009	.5	.0268
%RSD	.3130	43.38	72.46	72.87	54.20	.2831	287.3
#1	457.2	.0006	.0013	-.0007	.0024	188.8	.0096
#2	455.2	.0003	.0004	-.0021	.0011	188.0	-.0282
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value	500.0					200.0	
Range	20.00					20.00	
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0045	.0003	536.6	.0062	-.0021	.4201	.0140
SDev	.0010	.0001	1.3	.0000	.0008	.4463	.0019
%RSD	22.67	29.58	.2439	.5484	37.00	106.2	13.31
#1	.0052	.0003	537.5	.0062	-.0016	.7357	.0153
#2	.0038	.0002	535.6	.0062	-.0027	.1045	.0127
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value			500.0				
Range			20.00				
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0015	-.0132	.0162	-.0087	.0045	.0137	-.0040
SDev	.0002	.0079	.0071	.0033	.0093	.0049	.0138
%RSD	11.90	60.15	43.79	38.16	206.3	36.18	345.1
#1	.0017	-.0188	.0212	-.0111	.0111	.0172	-.0138
#2	.0014	-.0076	.0112	-.0064	-.0021	.0102	.0058
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	92.75	.0134	-.0173	.0344	-.0004	-.0070	.0009
SDev	1.53	.0039	.0015	.0055	.0001	.0023	.0034
%RSD	1.651	28.79	8.414	16.01	34.27	32.10	392.8
#1	91.66	.0107	-.0183	.0383	-.0003	-.0086	-.0015
#2	93.83	.0162	-.0163	.0305	-.0005	-.0054	.0033
Errors Value Range	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0163	-.0482	-.0005	.0105	-.0607	.0001	.0057
SDev	.0000	.0064	.0001	.0045	.0662	.0002	.0048
%RSD	.2296	13.23	29.84	42.64	109.0	152.0	84.78
#1	.0164	-.0527	-.0004	.0073	-.0139	.0003	.0023
#2	.0163	-.0437	-.0006	.0137	-.1075	-.0000	.0091
Errors Value Range	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Elem	Y_3710	Zn2062	Zr3496				
Units	ppm	ppm	ppm				
Avge	-.0009	.0085	-.0012				
SDev	.0000	.0004	.0008				
%RSD	4.416	4.389	65.76				
#1	-.0008	.0082	-.0006				
#2	-.0009	.0088	-.0017				
Errors Value Range	NOCHECK	NOCHECK	NOCHECK				

010115

**010116**

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	898407	10000	--	--	--	--	--
SDev	14805.40	.0000000	--	--	--	--	--
%RSD	1.647962	.0000000	--	--	--	--	--
#1	887938	10000	--	--	--	--	--
#2	908876	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icsab

Operator:

**010117**

Run Time: 02/01/07 10:12:59

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.085	503.9	1.067	1.033	.5402	.4920	.0045
SDev	.000	.9	.007	.002	.0002	.0007	.0041
%RSD	.0215	.1799	.6120	.1966	.0366	.1431	90.97
#1	1.085	503.2	1.072	1.031	.5401	.4925	.0016
#2	1.085	504.5	1.063	1.034	.5403	.4915	.0074
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.000	500.0	1.000	1.000	.5000	.5000	
Range	20.00	20.00	20.00	20.00	20.00	20.00	
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	456.1	.9523	.4846	.4925	.5519	187.6	-.0063
SDev	.5	.0019	.0012	.0000	.0011	.4	.0125
%RSD	.1133	.2045	.2524	.0058	.2012	.1895	197.7
#1	455.7	.9537	.4855	.4925	.5511	187.9	-.0151
#2	456.4	.9509	.4838	.4925	.5527	187.4	.0025
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	500.0	1.000	.5000	.5000	.5000	200.0	
Range	20.00	20.00	20.00	20.00	20.00	20.00	
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0046	1.220	535.4	.4994	1.020	.4858	.0119
SDev	.0001	.003	.2	.0009	.002	.0924	.0023
%RSD	2.044	.2797	.0308	.1779	.1969	19.02	19.41
#1	.0045	1.218	535.5	.5000	1.022	.4205	.0103
#2	.0047	1.223	535.3	.4987	1.019	.5512	.0136
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value			500.0	.5000	1.000		
Range			20.00	20.00	20.00		
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9401	1.028	1.020	.9823	.0064	-.0066	1.051
SDev	.0043	.010	.003	.0016	.0021	.0152	.012
%RSD	.4548	1.004	.3404	.1670	32.11	230.9	1.182
#1	.9432	1.035	1.023	.9835	.0049	-.0174	1.042
#2	.9371	1.021	1.018	.9812	.0078	.0042	1.059
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value	1.000						1.000
Range	20.00						20.00
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	<b>010118</b>
Avge	92.72	1.042	1.010	1.086	.9951	1.021	1.052
SDev	.28	.013	.005	.001	.0022	.001	.007
%RSD	.3043	1.234	.4780	.1122	.2263	.1045	.6379
#1	92.52	1.051	1.007	1.087	.9967	1.021	1.047
#2	92.92	1.032	1.014	1.085	.9935	1.020	1.056
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value				1.000	1.000	1.000	1.000
Range				20.00	20.00	20.00	20.00
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.063	-.0337	.9596	1.035	.9169	.4997	.0062
SDev	.001	.0006	.0006	.006	.0166	.0007	.0005
%RSD	.1021	1.830	.0634	.5868	1.807	.1448	7.707
#1	1.063	-.0342	.9600	1.031	.9052	.5002	.0065
#2	1.064	-.0333	.9591	1.039	.9286	.4992	.0058
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value	1.000			1.000	1.000	.5000	
Range	20.00			20.00	20.00	20.00	
Elem	Y_3710	Zn2062	Zr3496				
Units	ppm	ppm	ppm				
Avge	-.0008	.9278	.8845				
SDev	.0000	.0014	.0051				
%RSD	3.691	.1516	.5800				
#1	-.0008	.9288	.8809				
#2	-.0008	.9268	.8882				
Errors	NOCHECK	QC Pass	QC Pass				
Value		1.000	1.000				
Range		20.00	20.00				

**010119**

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	898270	10000	--	--	--	--	--
SDev	2743.574	.0000000	--	--	--	--	--
%RSD	.3054287	.0000000	--	--	--	--	--
#1	896330	10000	--	--	--	--	--
#2	900210	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icv/ccv

Operator:

Run Time: 02/01/07 10:17:52

**010120**

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9802	9.940	5.152	4.994	10.20	.9872	5.106
SDev	.0012	.031	.012	.020	.04	.0043	.013
%RSD	.1256	.3103	.2371	.4010	.3507	.4378	.2599
#1	.9793	9.918	5.160	4.979	10.17	.9903	5.097
#2	.9811	9.962	5.143	5.008	10.22	.9842	5.115
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.000	10.00	5.000	5.000	10.00	1.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.73	.9947	5.039	1.982	2.046	10.40	18.82
SDev	.13	.0061	.021	.009	.013	.05	.19
%RSD	.6503	.6140	.4224	.4700	.6294	.5043	.9863
#1	19.82	.9990	5.054	1.989	2.036	10.44	18.69
#2	19.64	.9903	5.024	1.976	2.055	10.37	18.95
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	20.00	1.000	5.000	2.000	2.000	10.00	20.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.976	4.801	20.04	1.008	4.967	28.32	Q42.45
SDev	.015	.024	.07	.004	.007	.35	.18
%RSD	.2943	.4952	.3540	.3875	.1414	1.242	.4216
#1	4.965	4.785	20.09	1.011	4.972	28.57	Q42.32
#2	4.986	4.818	19.99	1.005	4.962	28.07	Q42.57
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	5.000	20.00	1.000	5.000	30.00	30.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.929	4.994	5.022	4.959	1.016	.9836	1.015
SDev	.032	.017	.060	.073	.002	.0214	.005
%RSD	.6474	.3334	1.202	1.480	.1719	2.180	.4868
#1	4.952	5.006	5.065	5.011	1.015	.9684	1.018
#2	4.906	4.982	4.979	4.907	1.018	.9988	1.011
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	5.000	5.000			1.000	1.000	1.000
Range	10.00	10.00			10.00	10.00	10.00
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

**010121**

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	106.3	5.294	5.222	4.997	4.980	5.246	5.273
SDev	2.4	.046	.046	.001	.069	.046	.019
%RSD	2.256	.8628	.8878	.0197	1.387	.8794	.3580
#1	104.6	5.326	5.255	4.998	5.029	5.279	5.286
#2	108.0	5.262	5.189	4.997	4.931	5.213	5.259
Errors Value Range	NOCHECK	NOCHECK	NOCHECK	QC Pass 5.000 10.00	QC Pass 5.000 10.00	QC Pass 5.000 10.00	QC Pass 5.000 10.00
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.023	1.014	4.844	5.280	.9776	4.963	1.055
SDev	.014	.002	.003	.003	.0257	.009	.003
%RSD	.2721	.2120	.0635	.0550	2.633	.1772	.2378
#1	5.013	1.012	4.842	5.282	.9958	4.969	1.057
#2	5.033	1.015	4.847	5.278	.9594	4.957	1.053
Errors Value Range	QC Pass 5.000 10.00	QC Pass 1.000 10.00	QC Pass 5.000 10.00	QC Pass 5.000 10.00	QC Pass 1.000 10.00	QC Pass 5.000 10.00	QC Pass 1.000 10.00
Elem	Y_3710	Zn2062	Zr3496				
Units	ppm	ppm	ppm				
Avge	5.078	.9990	5.002				
SDev	.004	.0122	.007				
%RSD	.0868	1.217	.1321				
#1	5.075	1.008	4.997				
#2	5.081	.9904	5.006				
Errors Value Range	QC Pass 5.000 10.00	QC Pass 1.000 10.00	QC Pass 5.000 10.00				

IntStd	1	2	3	4	5	6	<b>010122</b>
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1029690	10000	--	--	--	--	--
SDev	23200.88	.0000000	--	--	--	--	--
%RSD	2.253192	.0000000	--	--	--	--	--
#1	1013284	10000	--	--	--	--	--
#2	1046095	10000	--	--	--	--	--

Method: DAILY2 Sample Name: icb/ccb

Operator:

Run Time: 02/01/07 10:22:44

Comment:

**010123**

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0008	.0088	-.0018	.0107	.0006	.0001	.0056
SDev	.0002	.0031	.0011	.0026	.0006	.0000	.0036
%RSD	29.88	34.89	59.99	24.49	95.36	25.85	63.83

#1	.0006	.0066	-.0010	.0125	.0011	.0002	.0081
#2	.0010	.0110	-.0026	.0088	.0002	.0001	.0031

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0034	.0003	.0008	.0010	.0004	.0118	.0058
SDev	.0019	.0000	.0006	.0004	.0002	.0049	.0060
%RSD	57.06	9.889	82.37	36.49	42.13	41.89	104.0

#1	.0048	.0003	.0003	.0012	.0003	.0083	.0015
#2	.0020	.0004	.0012	.0007	.0005	.0153	.0100

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0015	.0003	.0121	.0001	.0014	.0341	.0203
SDev	.0004	.0002	.0024	.0000	.0004	.1384	.0027
%RSD	25.36	56.69	20.24	32.61	30.16	406.0	13.35

#1	.0013	.0004	.0104	.0002	.0016	L-.0638	.0222
#2	.0018	.0002	.0139	.0001	.0011	H.1319	.0184

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	-.0004	-.0016	.0020	.0014	-.0142	.0076
SDev	.0008	.0061	.0010	.0040	.0010	.0045	.0105
%RSD	302.5	1382.	60.40	194.2	74.52	31.64	138.4

#1	-.0003	-.0047	-.0009	-.0008	.0021	-.0174	.0002
#2	.0008	.0039	-.0023	.0048	.0006	-.0110	H.0150

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0200	.0100
Low	-.0050	-.0100			-.0050	-.0200	-.0100

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
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**010124**

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.4	-.0009	-.0033	.0046	.0008	-.0025	.0020
SDev	.2	.0001	.0024	.0001	.0023	.0016	.0012
%RSD	.1930	11.13	73.65	1.142	276.3	63.75	56.62
#1	101.5	-.0008	-.0050	.0046	-.0008	-.0036	.0029
#2	101.2	-.0010	-.0016	.0047	.0025	-.0014	.0012
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	.0028	.0003	.0021	.0041	.0010	.0013
SDev	.0003	.0004	.0002	.0021	.0178	.0001	.0004
%RSD	78.50	14.55	48.99	97.02	431.8	7.407	30.00
#1	.0005	.0031	.0004	.0036	-.0085	.0010	.0010
#2	.0002	.0025	.0002	.0007	.0167	.0009	.0016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100
Elem	Y_3710	Zn2062	Zr3496				
Units	ppm	ppm	ppm				
Avge	.0004	.0003	.0009				
SDev	.0003	.0000	.0003				
%RSD	69.48	10.17	37.38				
#1	.0006	.0003	.0007				
#2	.0002	.0003	.0011				
Errors	LC Pass	LC Pass	LC Pass				
High	.0050	.0050	.0050				
Low	-.0050	-.0050	-.0050				

**010125**

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	981952	10000	--	--	--	--	--
SDev	1897.168	.0000000	--	--	--	--	--
%RSD	.1932036	.0000000	--	--	--	--	--
#1	983294	10000	--	--	--	--	--
#2	980611	10000	--	--	--	--	--

Method: DAILY2 Sample Name: PBW-B01H1 Operator:  
 Run Time: 02/01/07 10:27:38  
 Comment:  
 Mode: CONC Corr. Factor: 1

**010126**

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0009	.0023	-.0014	.0049	.0000	.0001	-.0038
SDev	.0016	.0041	.0015	.0003	.0001	.0000	.0027
%RSD	181.2	181.8	108.1	5.926	323.1	1.597	70.25
#1	-.0020	-.0006	-.0003	.0047	-.0001	.0001	-.0057
#2	.0002	.0051	-.0025	.0051	.0001	.0001	-.0019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039	.0000	.0005	.0001	-.0000	-.0105	-.0080
SDev	.0022	.0004	.0012	.0012	.0004	.0216	.0187
%RSD	55.62	1593.	257.7	1022.	2736.	205.8	233.4
#1	.0024	-.0003	-.0004	-.0008	-.0003	-.0258	-.0212
#2	.0055	.0003	.0013	.0010	.0003	.0048	.0052
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0009	.0000	-.0016	.0000	.0006	L-.1369	.0220
SDev	.0022	.0001	.0131	.0000	.0011	.2724	.0060
%RSD	250.9	177.2	824.4	383.4	174.1	199.0	27.29
#1	-.0024	-.0000	-.0108	-.0000	-.0001	L-.3295	.0177
#2	.0007	.0001	.0077	.0000	.0014	H.0557	.0262
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0053	-.0035	.0005	-.0013	-.0072	-.0020
SDev	.0016	.0036	.0031	.0017	.0056	.0024	.0071
%RSD	792.0	69.12	87.34	312.9	424.7	33.48	363.2
#1	-.0013	.0027	-.0013	-.0007	L-.0052	-.0055	-.0070
#2	.0009	.0078	-.0057	.0017	.0026	-.0090	.0031
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0200	.0100
Low	-.0050	-.0100			-.0050	-.0200	-.0100
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	<b>010127</b>
Avge	103.6	.0069	-.0031	.0015	-.0008	.0003	.0005
SDev	.1	.0058	.0004	.0059	.0001	.0016	.0025
%RSD	.0547	83.86	14.16	387.8	12.86	607.6	549.0
#1	103.5	.0110	-.0034	-.0026	-.0009	.0014	-.0013
#2	103.6	.0028	-.0028	.0057	-.0007	-.0009	.0022
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	.0005	-.0000	-.0004	-.0291	-.0002	-.0001
SDev	.0001	.0016	.0001	.0044	.0805	.0007	.0016
%RSD	486.2	354.4	1309.	1196.	276.9	338.0	1504.
#1	-.0001	-.0007	-.0001	-.0034	-.0860	-.0007	.0010
#2	.0000	.0016	.0001	.0027	.0278	.0003	-.0012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100
Elem	Y_3710	Zn2062	Zr3496				
Units	ppm	ppm	ppm				
Avge	.0000	-.0000	-.0002				
SDev	.0001	.0004	.0013				
%RSD	530.6	1872.	599.2				
#1	-.0000	-.0003	-.0011				
#2	.0001	.0002	.0007				
Errors	LC Pass	LC Pass	LC Pass				
High	.0050	.0050	.0050				
Low	-.0050	-.0050	-.0050				

**010128**

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1003222	10000	--	--	--	--	--
SDev	506.2885	.0000000	--	--	--	--	--
%RSD	.0504662	.0000000	--	--	--	--	--
#1	1002864	10000	--	--	--	--	--
#2	1003580	10000	--	--	--	--	--

Method: DAILY2 Sample Name: LCSW-B01H1

Operator:

Run Time: 02/01/07 10:32:29

**010129**

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0486	1.945	2.003	.0044	2.001	.0488	.0038
SDev	.0001	.025	.007	.0020	.006	.0002	.0022
%RSD	.1400	1.273	.3380	46.03	.2873	.4128	56.93

#1	.0486	1.962	2.007	.0059	1.997	.0489	.0023
#2	.0486	1.927	1.998	.0030	2.005	.0486	.0054

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.91	.0486	.4897	.1906	.2453	1.137	18.17
SDev	.11	.0003	.0013	.0021	.0018	.020	.01
%RSD	.5578	.6973	.2633	1.105	.7327	1.788	.0338

#1	19.99	.0488	.4906	.1921	.2466	1.152	18.17
#2	19.83	.0483	.4888	.1891	.2441	1.123	18.16

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	3.758	20.25	.4897	.0011	18.56	28.21
SDev	.0002	.003	.12	.0017	.0006	.37	.15
%RSD	71.84	.0740	.5895	.3384	50.96	2.016	.5230

#1	.0005	3.760	20.34	.4908	.0015	18.82	28.31
#2	.0002	3.756	20.17	.4885	.0007	18.29	28.10

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4806	.0003	.4813	.4830	.0017	-.0091	.4925
SDev	.0010	.0003	.0086	.0039	.0029	.0055	.0028
%RSD	.2086	86.26	1.781	.8111	166.3	60.51	.5758

#1	.4813	.0001	.4874	.4857	.0038	-.0052	.4945
#2	.4799	.0005	.4752	.4802	-.0003	-.0130	.4905

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avg	103.9	2.067	2.046	.0162	.4824	2.053	.0012
SDev	2.4	.023	.013	.0015	.0055	.016	.0026
%RSD	2.330	1.132	.6306	9.339	1.134	.7990	211.0

#1	102.2	2.083	2.055	.0172	.4863	2.065	-.0006
#2	105.7	2.050	2.037	.0151	.4786	2.041	.0031

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	-.0226	.0002	2.052	-.0054	.4835	.0039
SDev	.0000	.0015	.0001	.010	.0267	.0016	.0029
%RSD	3.575	6.694	37.92	.4736	496.5	.3389	72.16

#1	.0004	-.0215	.0003	2.058	.0135	.4846	.0060
#2	.0004	-.0237	.0002	2.045	-.0242	.4823	.0019

**010130**

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0002	.4812	.0003
SDev	.0002	.0044	.0009
%RSD	122.2	.9228	273.9

#1	-.0000	.4844	.0010
#2	-.0003	.4781	-.0003

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1006850	10000	--	--	--	--	--
SDev	23478.07	.0000000	--	--	--	--	--
%RSD	2.331832	.0000000	--	--	--	--	--
#1	990249	10000	--	--	--	--	--
#2	1023452	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292486

Operator:

Run Time: 02/01/07 10:37:20

Comment:

**010131**

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	- .0001	- .0006	- .0000	.0399	.0003	.0000	- .0051
SDev	.0000	.0015	.0009	.0012	.0002	.0000	.0039
%RSD	16.51	255.2	4024.	2.995	71.13	95.04	78.04

#1	- .0001	.0005	- .0006	.0391	.0001	.0000	- .0023
#2	- .0001	- .0017	.0006	.0408	.0004	.0000	- .0078

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0396	.0002	.0010	.0010	.0017	.0114	3.903
SDev	.0010	.0003	.0004	.0007	.0003	.0129	.017
%RSD	2.604	176.3	38.97	62.96	17.66	112.8	.4268

#1	.0388	- .0000	.0012	.0006	.0015	.0023	3.891
#2	.0403	.0004	.0007	.0015	.0019	.0206	3.915

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	- .0001	.0045	.0054	.0007	.0009	.1917	.3169
SDev	.0002	.0001	.0007	.0001	.0005	.0756	.0002
%RSD	232.9	2.360	13.58	16.24	54.50	39.45	.0642

#1	- .0003	.0045	.0048	.0006	.0006	.1383	.3167
#2	.0001	.0046	.0059	.0008	.0013	.2452	.3170

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	.0051	- .0070	.0034	.0031	.3491	- .0018
SDev	.0008	.0039	.0060	.0004	.0030	.0178	.0002
%RSD	98.38	75.91	85.04	11.61	96.40	5.102	13.77

#1	.0003	.0078	- .0113	.0036	.0010	.3365	- .0016
#2	.0014	.0024	- .0028	.0031	.0053	.3617	- .0020

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avg	104.1	- .0039	- .0009	.0438	- .0001	- .0019	.0000
SDev	1.3	.0016	.0020	.0007	.0017	.0019	.0003
%RSD	1.249	40.92	235.3	1.529	1845.	100.7	578.1

#1	105.0	- .0050	- .0023	.0443	- .0013	- .0032	.0003
#2	103.2	- .0028	.0006	.0434	.0011	- .0005	- .0002

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0036	.0002	- .0025	- .0017	.0012	.0020
SDev	.0000	.0031	.0001	.0019	.0026	.0013	.0016
%RSD	14.16	86.32	48.40	74.73	147.4	107.9	79.16

#1	.0000	.0014	.0001	- .0012	- .0036	.0003	.0031
#2	.0000	.0059	.0002	- .0038	.0001	.0021	.0009

**010132**

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avg	.0002	.0006	.0010
SDev	.0001	.0000	.0006
%RSD	29.27	4.407	57.29

#1	.0002	.0006	.0006
#2	.0003	.0006	.0014

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avg	1008539	10000	--	--	--	--	--
SDev	12583.67	.0000000	--	--	--	--	--
%RSD	1.247713	.0000000	--	--	--	--	--
#1	1017437	10000	--	--	--	--	--
#2	999641	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292487

Operator:

Run Time: 02/01/07 10:42:11

Comment:

Mode: CONC Corr. Factor: 1

**010133**

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	.0028	.0019	.0384	.0003	.0001	.0002
SDev	.0007	.0089	.0003	.0004	.0001	.0001	.0035
%RSD	114.7	323.8	15.25	1.009	25.19	76.48	2284.

#1	-.0011	-.0036	.0017	.0386	.0003	.0000	-.0023
#2	-.0001	.0091	.0021	.0381	.0002	.0001	.0026

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0459	.0002	-.0002	.0000	.0015	-.0045	3.918
SDev	.0010	.0001	.0006	.0001	.0007	.0151	.050
%RSD	2.156	38.85	385.7	611.6	42.83	333.1	1.271

#1	.0452	.0002	-.0006	.0001	.0011	-.0152	3.883
#2	.0466	.0001	.0003	-.0001	.0020	.0061	3.953

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	.0044	.0034	.0008	.0002	.2537	.3294
SDev	.0006	.0001	.0074	.0000	.0004	.2781	.0083
%RSD	81.94	1.026	217.0	4.507	229.0	109.7	2.518

#1	-.0012	.0044	-.0018	.0008	.0005	.0570	.3235
#2	-.0003	.0044	.0087	.0008	-.0001	.4503	.3353

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0013	.0012	.0009	.0007	.0005	.3595	.0012
SDev	.0027	.0038	.0025	.0012	.0024	.0054	.0004
%RSD	205.6	309.4	272.3	172.7	510.5	1.507	38.67

#1	.0032	-.0014	-.0009	.0016	-.0012	.3633	.0015
#2	-.0006	.0039	.0027	-.0002	.0022	.3557	.0008

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	104.5	.0007	-.0025	.0460	.0008	-.0014	-.0001
SDev	.6	.0001	.0004	.0012	.0000	.0002	.0024
%RSD	.5520	6.764	15.71	2.616	2.309	17.31	3739.

#1	105.0	.0007	-.0028	.0469	.0008	-.0016	.0016
#2	104.1	.0007	-.0022	.0451	.0008	-.0012	-.0017

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0032	-.0001	-.0013	-.0308	-.0002	.0018
SDev	.0000	.0005	.0000	.0017	.0259	.0004	.0029
%RSD	37.51	15.48	24.44	129.1	83.92	244.7	159.6

#1	.0000	.0036	-.0001	-.0026	-.0491	.0001	-.0002
#2	.0001	.0029	-.0001	-.0001	-.0125	-.0004	.0038

**010134**

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0000	.0020	-.0000
SDev	.0002	.0002	.0003
%RSD	973.3	8.349	10350.

#1	.0001	.0019	.0002
#2	-.0001	.0021	-.0002

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1012745	10000	--	--	--	--	--
SDev	5656.855	.0000000	--	--	--	--	--
%RSD	.5585665	.0000000	--	--	--	--	--
#1	1016745	10000	--	--	--	--	--
#2	1008745	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292488

Operator:

Run Time: 02/01/07 10:47:03

Comment:

**010135**

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	.0004	-.0015	.0056	.0002	.0000	.0013
SDev	.0004	.0028	.0003	.0012	.0000	.0000	.0063
%RSD	229.6	715.1	23.54	21.68	12.57	147.5	486.9

#1	-.0004	-.0016	-.0012	.0065	.0002	.0000	.0057
#2	.0001	.0024	-.0017	.0048	.0001	-.0000	-.0031

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0634	.0001	.0014	.0006	.0013	.0013	.2754
SDev	.0004	.0000	.0003	.0002	.0004	.0278	.0125
%RSD	.5736	11.29	21.32	27.89	33.48	2084.	4.542

#1	.0637	.0001	.0012	.0008	.0015	.0210	.2843
#2	.0632	.0001	.0016	.0005	.0010	-.0183	.2666

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0001	.1332	.0000	.0005	4.215	5.706
SDev	.0002	.0000	.0035	.0000	.0000	.133	.001
%RSD	114.8	34.42	2.600	122.2	.2547	3.148	.0255

#1	.0000	.0001	.1308	.0001	.0005	4.309	5.707
#2	.0003	.0001	.1357	.0000	.0005	4.121	5.705

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	.0013	-.0013	.0015	.0027	.4728	.0013
SDev	.0010	.0035	.0032	.0002	.0030	.0053	.0015
%RSD	664.2	273.2	240.1	12.13	111.2	1.120	112.4

#1	-.0009	.0038	-.0036	.0014	.0048	.4765	.0003
#2	.0006	-.0012	.0009	.0016	.0006	.4691	.0024

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	104.9	.0042	-.0022	.0111	.0006	-.0000	.0027
SDev	.4	.0001	.0036	.0026	.0012	.0024	.0020
%RSD	.3905	1.462	166.6	23.13	211.4	5918.	74.11

#1	104.6	.0043	-.0047	.0130	-.0003	-.0017	.0013
#2	105.2	.0042	.0004	.0093	.0014	.0017	.0041

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	.0004	.0001	-.0011	.0090	.0003	.0012
SDev	.0000	.0002	.0001	.0042	.0184	.0005	.0003
%RSD	5.791	53.74	127.2	368.5	203.1	167.6	26.75

#1	.0004	.0002	.0000	-.0041	-.0039	.0006	.0010
#2	.0004	.0005	.0002	.0018	.0220	-.0001	.0015

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0017	.0006
SDev	.0000	.0002	.0000
%RSD	37.02	12.74	5.048

**010136**

#1	.0001	.0019	.0006
#2	.0001	.0016	.0006

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1016416	10000	--	--	--	--	--
SDev	4058.086	.0000000	--	--	--	--	--
%RSD	.3992542	.0000000	--	--	--	--	--
#1	1013547	10000	--	--	--	--	--
#2	1019286	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292489

Operator:

Run Time: 02/01/07 10:51:55

Comment:

**010137**

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	.0070	-.0005	.0080	.0003	.0000	.0015
SDev	.0001	.0021	.0013	.0002	.0001	.0000	.0094
%RSD	18.07	29.89	255.4	2.441	40.83	34.21	624.0

#1	.0004	.0055	.0004	.0082	.0004	.0000	-.0051
#2	.0003	.0085	-.0014	.0079	.0002	.0000	.0081

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0527	.0002	.0011	.0009	.0014	.0490	.2301
SDev	.0007	.0000	.0005	.0010	.0008	.0021	.0019
%RSD	1.357	9.474	41.39	109.5	58.58	4.251	.8226

#1	.0532	.0002	.0015	.0016	.0020	.0475	.2314
#2	.0522	.0003	.0008	.0002	.0008	.0504	.2287

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.0001	.1342	.0002	.0011	4.090	5.454
SDev	.0001	.0000	.0017	.0001	.0005	.101	.008
%RSD	9.978	4.194	1.260	44.50	44.15	2.466	.1554

#1	.0004	.0002	.1354	.0003	.0014	4.162	5.448
#2	.0005	.0001	.1330	.0002	.0008	4.019	5.460

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	-.0002	-.0036	.0017	.0053	.4874	-.0004
SDev	.0011	.0032	.0035	.0023	.0018	.0208	.0018
%RSD	630.4	1848.	97.18	139.3	33.61	4.260	442.8

#1	.0010	-.0024	-.0062	.0033	.0040	.5020	-.0017
#2	-.0006	.0021	-.0011	.0000	.0065	.4727	.0009

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	103.4	-.0038	-.0025	.0438	-.0001	-.0029	.0020
SDev	1.4	.0011	.0001	.0000	.0004	.0004	.0001
%RSD	1.336	29.76	4.205	.0989	429.2	15.17	4.462

#1	102.4	-.0045	-.0026	.0438	.0002	-.0032	.0019
#2	104.4	-.0030	-.0024	.0439	-.0003	-.0026	.0021

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	.0019	.0002	-.0027	.0239	.0006	.0006
SDev	.0000	.0026	.0003	.0015	.0106	.0008	.0001
%RSD	1.385	134.3	151.7	55.43	44.48	121.1	23.08

#1	.0004	.0037	.0004	-.0038	.0164	.0012	.0005
#2	.0003	.0001	-.0000	-.0017	.0314	.0001	.0007

**010138**

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avg	.0001	.0025	.0010
SDev	.0001	.0001	.0008
%RSD	98.86	2.518	81.36

#1	.0003	.0026	.0016
#2	.0000	.0025	.0004

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avg	1001418	10000	--	--	--	--	--
SDev	13462.61	.0000000	--	--	--	--	--
%RSD	1.344354	.0000000	--	--	--	--	--

#1	991899	10000	--	--	--	--	--
#2	1010938	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292490

Operator:

Run Time: 02/01/07 10:56:46

Comment:

Mode: CONC Corr. Factor: 1

**010139**

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	-.0077	-.0016	.0069	.0001	-.0000	.0019
SDev	.0006	.0029	.0006	.0000	.0000	.0000	.0003
%RSD	537.9	36.86	38.39	.3449	46.28	146.4	15.60

#1	-.0005	-.0098	-.0020	.0069	.0001	-.0000	.0017
#2	.0003	-.0057	-.0011	.0068	.0001	.0000	.0021

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0269	.0002	.0001	-.0001	.0009	-.0042	.2990
SDev	.0014	.0001	.0004	.0001	.0006	.0118	.0118
%RSD	5.331	60.15	730.7	144.5	61.84	280.2	3.943

#1	.0259	.0001	-.0003	-.0001	.0005	-.0125	.2906
#2	.0279	.0003	.0004	.0000	.0014	.0041	.3073

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	.0001	.1187	.0000	.0012	4.199	5.794
SDev	.0007	.0000	.0065	.0000	.0002	.230	.061
%RSD	460.7	39.69	5.501	83.42	15.95	5.480	1.048

#1	-.0007	.0000	.1141	.0001	.0010	4.036	5.751
#2	.0004	.0001	.1233	.0000	.0013	4.361	5.837

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	-.0062	-.0032	.0022	-.0016	.4678	-.0029
SDev	.0016	.0012	.0006	.0030	.0033	.0036	.0003
%RSD	26390.	19.98	18.59	135.3	210.5	.7660	11.72

#1	-.0011	-.0071	-.0028	.0043	-.0039	.4653	-.0026
#2	.0012	-.0053	-.0036	.0001	.0008	.4703	-.0031

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	105.6	-.0032	-.0020	.0091	.0004	-.0024	.0018
SDev	.3	.0014	.0009	.0028	.0022	.0011	.0016
%RSD	.2927	42.37	46.84	30.74	516.9	45.02	90.16

#1	105.8	-.0042	-.0027	.0071	.0020	-.0032	.0029
#2	105.4	-.0022	-.0014	.0110	-.0011	-.0016	.0006

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	.0012	.0000	-.0008	-.0235	.0006	.0013
SDev	.0000	.0004	.0000	.0025	.0222	.0006	.0016
%RSD	35.01	36.16	83.77	296.0	94.67	94.98	124.8

#1	.0000	.0009	.0000	-.0026	-.0392	.0002	.0002
#2	.0001	.0016	.0000	.0009	-.0078	.0010	.0025

**010140**

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0001	.0003
SDev	.0000	.0001	.0003
%RSD	36.02	108.9	110.5

#1	.0001	.0000	.0001
#2	.0001	.0002	.0006

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1022936	10000	--	--	--	--	--
SDev	3003.082	.0000000	--	--	--	--	--
%RSD	.2935750	.0000000	--	--	--	--	--
#1	1025059	10000	--	--	--	--	--
#2	1020812	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292491

Operator:

Run Time: 02/01/07 11:01:39

Comment:

**010141**

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	-.0004	-.0012	.0062	.0001	.0000	-.0005
SDev	.0005	.0017	.0010	.0008	.0000	.0000	.0065
%RSD	176.3	452.3	82.03	12.61	.6122	39.86	1322.

#1	-.0006	-.0016	-.0019	.0057	.0001	.0000	-.0051
#2	.0001	.0008	-.0005	.0068	.0001	.0000	.0041

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0368	.0002	-.0001	.0002	.0010	.0115	.2946
SDev	.0016	.0001	.0004	.0000	.0001	.0072	.0269
%RSD	4.477	39.57	675.3	15.62	5.828	62.82	9.133

#1	.0357	.0003	-.0003	.0002	.0011	.0064	.2756
#2	.0380	.0001	.0002	.0002	.0010	.0166	.3137

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	.0000	.1282	.0002	.0010	4.208	5.865
SDev	.0011	.0001	.0071	.0000	.0003	.288	.024
%RSD	295.0	166.2	5.571	2.998	31.30	6.848	.4013

#1	-.0012	-.0000	.1232	.0002	.0012	4.004	5.882
#2	.0004	.0001	.1333	.0002	.0008	4.412	5.848

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0014	-.0036	.0011	-.0017	.4695	.0008
SDev	.0002	.0009	.0041	.0001	.0037	.0077	.0022
%RSD	233.4	64.02	113.0	11.05	217.0	1.638	267.6

#1	-.0000	.0008	-.0007	.0010	-.0043	.4749	-.0007
#2	.0002	.0021	-.0065	.0012	.0009	.4641	.0024

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	104.2	.0006	-.0027	.0267	-.0004	-.0016	.0020
SDev	.2	.0015	.0012	.0007	.0013	.0003	.0005
%RSD	.1937	241.4	44.35	2.486	287.5	19.52	24.14

#1	104.1	-.0004	-.0018	.0262	.0005	-.0014	.0017
#2	104.4	.0016	-.0035	.0271	-.0014	-.0018	.0024

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0008	-.0000	.0004	-.0038	.0005	-.0004
SDev	.0000	.0005	.0000	.0006	.0340	.0003	.0026
%RSD	18.67	57.98	1453.	149.7	892.6	73.77	596.3

#1	.0002	.0011	.0000	.0008	-.0278	.0002	.0014
#2	.0002	.0005	-.0000	-.0000	.0202	.0007	-.0023

**010142**

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0000	.0026	.0006
SDev	.0000	.0000	.0003
%RSD	.3448	1.352	61.47

#1	.0000	.0026	.0003
#2	.0000	.0026	.0008

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1009890	10000	--	--	--	--	--
SDev	2019.497	.0000000	--	--	--	--	--
%RSD	.1999720	.0000000	--	--	--	--	--
#1	1008462	10000	--	--	--	--	--
#2	1011318	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292492

Operator:

Run Time: 02/01/07 11:06:30

Comment:

**010143**

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	-.0017	-.0021	.0154	.0001	.0000	-.0050
SDev	.0000	.0000	.0008	.0012	.0001	.0000	.0028
%RSD	5.960	2.605	40.76	7.951	217.2	16.31	55.54

#1	-.0002	-.0017	-.0015	.0162	.0001	.0000	-.0070
#2	-.0002	-.0017	-.0027	.0145	-.0000	.0000	-.0031

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0271	-.0000	.0006	.0002	.0006	.0096	.4608
SDev	.0009	.0002	.0003	.0015	.0001	.0034	.0105
%RSD	3.240	588.7	60.57	654.5	10.72	35.61	2.284

#1	.0277	-.0002	.0008	.0013	.0007	.0121	.4683
#2	.0265	.0001	.0003	-.0008	.0006	.0072	.4534

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	.0001	.0368	.0001	.0009	5.427	7.627
SDev	.0000	.0000	.0003	.0000	.0006	.133	.006
%RSD	7.755	49.29	.9497	2.173	65.34	2.447	.0815

#1	-.0003	.0001	.0365	.0001	.0013	5.520	7.622
#2	-.0003	.0000	.0370	.0001	.0005	5.333	7.631

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.0032	-.0025	.0019	.0003	.5449	-.0010
SDev	.0006	.0109	.0048	.0016	.0041	.0045	.0033
%RSD	115.0	338.6	191.8	82.41	1415.	.8236	327.5

#1	.0009	.0109	-.0059	.0030	.0032	.5417	.0013
#2	.0001	-.0045	.0009	.0008	-.0026	.5480	-.0033

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	103.6	.0017	-.0015	.0111	.0004	-.0004	.0009
SDev	1.3	.0043	.0015	.0015	.0006	.0025	.0027
%RSD	1.269	250.3	106.2	13.29	124.6	645.0	307.6

#1	102.7	.0048	-.0004	.0122	.0001	.0014	-.0010
#2	104.5	-.0013	-.0026	.0101	.0008	-.0021	.0028

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	.0037	-.0001	.0001	-.0295	-.0002	-.0002
SDev	.0000	.0023	.0001	.0003	.0056	.0007	.0011
%RSD	48.91	62.74	89.11	394.2	19.02	345.6	513.1

#1	.0000	.0054	-.0000	.0003	-.0255	.0003	-.0010
#2	.0000	.0021	-.0001	-.0001	-.0335	-.0007	.0006

**010144**

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0002	.0001
SDev	.0000	.0001	.0004
%RSD	57.29	39.42	430.3

#1	.0001	.0001	.0004
#2	.0000	.0002	-.0002

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1003696	10000	--	--	--	--	--
SDev	12716.61	.0000000	--	--	--	--	--
%RSD	1.266978	.0000000	--	--	--	--	--
#1	994704	10000	--	--	--	--	--
#2	1012688	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292493  
 Run Time: 02/01/07 11:11:21  
 Comment:  
 Mode: CONC Corr. Factor: 1

Operator:

**010145**

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	-.0067	-.0032	.0142	.0000	-.0000	-.0003
SDev	.0005	.0086	.0013	.0001	.0001	.0000	.0090
%RSD	98.31	127.4	41.37	.9083	130.8	251.6	2651.

#1	-.0008	-.0128	-.0023	.0141	.0000	-.0000	-.0067
#2	-.0001	-.0007	-.0041	.0143	.0001	.0000	.0060

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0291	.0001	.0004	-.0002	.0007	.0107	.4562
SDev	.0008	.0000	.0007	.0011	.0005	.0129	.0111
%RSD	2.702	18.75	172.9	445.9	73.02	120.7	2.432

#1	.0285	.0001	-.0001	-.0010	.0003	.0016	.4484
#2	.0296	.0000	.0009	.0005	.0010	.0198	.4641

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	.0000	.0385	.0011	.0001	5.486	7.744
SDev	.0007	.0000	.0101	.0000	.0001	.194	.034
%RSD	131.4	100.2	26.27	4.137	165.8	3.543	.4350

#1	-.0010	.0000	.0313	.0010	-.0000	5.348	7.720
#2	-.0000	.0001	.0456	.0011	.0001	5.623	7.768

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0005	-.0067	.0019	-.0012	.5613	.0023
SDev	.0005	.0050	.0019	.0003	.0035	.0016	.0033
%RSD	303.7	1076.	29.05	16.42	285.9	.2882	144.6

#1	-.0002	-.0031	-.0053	.0017	-.0037	.5601	-.0001
#2	.0005	.0040	-.0080	.0022	.0013	.5624	.0046

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avg	105.7	-.0002	.0003	.0173	-.0009	.0001	-.0015
SDev	1.0	.0067	.0026	.0038	.0004	.0005	.0010
%RSD	.9204	3067.	878.6	22.06	47.43	350.8	63.37

#1	106.4	-.0050	.0022	.0146	-.0006	-.0002	-.0022
#2	105.0	.0045	-.0016	.0200	-.0012	.0005	-.0009

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0029	.0000	-.0035	-.0204	.0001	-.0019
SDev	.0000	.0022	.0001	.0004	.0176	.0004	.0013
%RSD	47.49	76.59	194.2	12.83	86.30	445.7	66.39

#1	.0000	.0045	-.0000	-.0031	-.0329	-.0002	-.0028
#2	.0000	.0013	.0001	-.0038	-.0080	.0003	-.0010

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0000	.0018	-.0001
SDev	.0001	.0000	.0001
%RSD	271.5	.8566	138.7

**010146**

#1	-.0000	.0017	-.0002
#2	.0001	.0018	-.0000

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1024272	10000	--	--	--	--	--
SDev	9356.436	.0000000	--	--	--	--	--
%RSD	.9134719	.0000000	--	--	--	--	--
#1	1030888	10000	--	--	--	--	--
#2	1017656	10000	--	--	--	--	--

Method: DAILY2 Sample Name: CCV2

Operator:

Run Time: 02/01/07 11:16:15

Comment:

Mode: CONC Corr. Factor: 1

**010147**

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9786	9.858	5.166	4.982	10.17	.9897	5.111
SDev	.0001	.024	.016	.016	.00	.0000	.009
%RSD	.0054	.2441	.3053	.3201	.0382	.0028	.1695
#1	.9785	9.841	5.155	4.971	10.17	.9897	5.117
#2	.9786	9.875	5.177	4.993	10.17	.9897	5.104
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.75	1.001	5.071	1.987	2.034	10.45	18.61
SDev	.01	.001	.004	.000	.000	.01	.03
%RSD	.0486	.0860	.0802	.0193	.0091	.1113	.1665
#1	19.76	1.002	5.074	1.987	2.034	10.44	18.59
#2	19.74	1.000	5.068	1.986	2.034	10.46	18.63
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.978	4.744	20.04	1.012	4.992	28.07	H41.81
SDev	.003	.002	.02	.001	.011	.09	.01
%RSD	.0684	.0445	.0812	.0960	.2120	.3251	.0312
#1	4.980	4.743	20.05	1.011	4.985	28.00	H41.80
#2	4.976	4.746	20.02	1.012	5.000	28.13	H41.82
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.948	5.114	5.070	5.034	1.013	.9949	1.014
SDev	.012	.040	.028	.025	.001	.0001	.005
%RSD	.2455	.7867	.5596	.4902	.0722	.0102	.5224
#1	4.956	5.085	5.090	5.017	1.012	.9948	1.010
#2	4.939	5.142	5.050	5.052	1.013	.9949	1.018
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm	<b>010148</b>
Avge	102.3	5.365	5.298	4.995	5.046	5.320	5.296	
SDev	.1	.033	.025	.002	.007	.006	.007	
%RSD	.1022	.6176	.4795	.0426	.1386	.1108	.1314	
#1	102.2	5.388	5.280	4.994	5.041	5.316	5.301	
#2	102.4	5.341	5.316	4.997	5.051	5.324	5.291	
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	
High				5.500	5.500	5.500	5.500	
Low				4.500	4.500	4.500	4.500	
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avge	5.018	1.011	4.839	5.290	1.009	4.981	1.060	
SDev	.004	.000	.001	.012	.002	.003	.003	
%RSD	.0706	.0240	.0158	.2276	.2017	.0691	.2429	
#1	5.016	1.011	4.838	5.282	1.008	4.979	1.062	
#2	5.021	1.011	4.839	5.299	1.011	4.983	1.058	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100	
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000	
Elem	Y_3710	Zn2062	Zr3496					
Units	ppm	ppm	ppm					
Avge	5.086	1.006	4.981					
SDev	.001	.001	.004					
%RSD	.0275	.1004	.0881					
#1	5.085	1.006	4.984					
#2	5.087	1.007	4.978					
Errors	LC Pass	LC Pass	LC Pass					
High	5.500	1.100	5.500					
Low	4.500	.9000	4.500					

IntStd	1	2	3	4	5	6	<b>010149</b>
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	991202	10000	--	--	--	--	--
SDev	1054.296	.0000000	--	--	--	--	--
%RSD	.1063655	.0000000	--	--	--	--	--
#1	990456	10000	--	--	--	--	--
#2	991947	10000	--	--	--	--	--

Method: DAILY2 Sample Name: CCB2

Operator:

Run Time: 02/01/07 11:21:07

**010150**

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	-.0004	-.0020	.0070	.0001	.0001	.0005
SDev	.0002	.0042	.0009	.0009	.0001	.0000	.0001
%RSD	51.06	1188.	45.10	13.11	142.8	.9307	24.87
#1	.0003	-.0034	-.0026	.0076	.0002	.0001	.0004
#2	.0005	.0026	-.0013	.0063	-.0000	.0001	.0006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0029	.0003	.0003	-.0004	.0001	.0038	.0066
SDev	.0012	.0001	.0001	.0007	.0005	.0110	.0167
%RSD	40.91	46.81	45.72	179.3	618.0	286.3	251.2
#1	.0021	.0002	.0002	-.0009	-.0003	-.0039	-.0051
#2	.0037	.0004	.0004	.0001	.0004	.0116	.0184
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0002	.0049	-.0001	.0013	-.0253	.0288
SDev	.0008	.0000	.0002	.0000	.0003	.0513	.0004
%RSD	571.5	24.24	3.914	31.23	21.90	203.3	1.287
#1	-.0007	.0002	.0051	-.0001	.0011	L-.0616	.0291
#2	.0004	.0001	.0048	-.0001	.0015	.0111	.0286
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	-.0030	-.0034	.0032	.0026	-.0138	.0007
SDev	.0003	.0057	.0024	.0006	.0016	.0071	.0001
%RSD	43.25	189.5	70.67	19.55	62.64	51.03	8.413
#1	-.0009	-.0071	-.0017	.0036	.0014	-.0088	.0006
#2	-.0005	.0010	-.0050	.0027	.0037	-.0188	.0007
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0200	.0100
Low	-.0050	-.0100			-.0050	-.0200	-.0100
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

**010151**

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	105.1	.0003	.0009	.0015	.0010	.0007	.0016
SDev	.9	.0001	.0004	.0004	.0012	.0003	.0024
%RSD	.8526	15.46	42.97	28.40	120.0	38.31	146.6
#1	105.7	.0004	.0012	.0012	.0019	.0010	-.0001
#2	104.5	.0003	.0007	.0018	.0002	.0005	.0033
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	-.0002	-.0000	.0028	.0031	-.0005	.0001
SDev	.0001	.0002	.0000	.0012	.0053	.0000	.0006
%RSD	68.63	137.9	24.64	43.93	167.3	4.019	607.5
#1	.0001	-.0000	-.0001	.0037	-.0006	-.0006	-.0003
#2	.0000	-.0003	-.0000	.0019	.0069	-.0005	.0005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100
Elem	Y_3710	Zn2062	Zr3496				
Units	ppm	ppm	ppm				
Avge	-.0000	.0000	-.0002				
SDev	.0001	.0001	.0001				
%RSD	2764.	2543.	46.28				
#1	.0001	-.0001	-.0003				
#2	-.0001	.0001	-.0001				
Errors	LC Pass	LC Pass	LC Pass				
High	.0050	.0050	.0050				
Low	-.0050	-.0050	-.0050				

IntStd	1	2	3	4	5	6	<b>010152</b>
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1018170	10000	--	--	--	--	--
SDev	8686.807	.0000000	--	--	--	--	--
%RSD	.8531789	.0000000	--	--	--	--	--
#1	1024312	10000	--	--	--	--	--
#2	1012027	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292494

Operator:

Run Time: 02/01/07 11:25:58

Comment:

**010153**

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0008	-.0031	.0053	.0002	.0000	.0018
SDev	.0006	.0025	.0001	.0002	.0001	.0000	.0025
%RSD	422.5	299.2	4.496	4.363	43.81	340.0	136.3

#1	-.0006	-.0009	-.0030	.0052	.0001	-.0000	.0001
#2	.0003	.0026	-.0032	.0055	.0002	.0000	.0036

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0345	.0003	.0006	.0004	.0010	.0107	.2047
SDev	.0009	.0002	.0003	.0011	.0012	.0103	.0234
%RSD	2.495	83.91	59.38	290.4	115.2	95.94	11.44

#1	.0339	.0001	.0003	-.0004	.0002	.0034	.1881
#2	.0351	.0004	.0008	.0011	.0018	.0180	.2213

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	.0001	.1358	.0001	.0008	4.067	5.707
SDev	.0006	.0000	.0062	.0001	.0006	.316	.022
%RSD	1693.	37.17	4.583	143.2	75.19	7.778	.3911

#1	-.0004	.0001	.1314	-.0000	.0004	3.843	5.723
#2	.0004	.0001	.1402	.0001	.0012	4.290	5.692

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0064	-.0027	.0028	.0012	.4655	-.0005
SDev	.0001	.0010	.0013	.0030	.0047	.0021	.0008
%RSD	73.73	15.42	48.45	106.1	403.4	.4415	147.6

#1	.0003	.0071	-.0036	.0050	-.0022	.4669	-.0011
#2	.0001	.0057	-.0018	.0007	.0045	.4640	.0000

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	105.2	.0008	-.0033	.0098	.0010	-.0019	.0011
SDev	1.9	.0013	.0007	.0027	.0016	.0009	.0001
%RSD	1.795	155.1	20.73	28.14	155.5	46.44	10.64

#1	106.5	-.0001	-.0038	.0078	.0021	-.0026	.0010
#2	103.9	.0018	-.0029	.0117	-.0001	-.0013	.0012

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0011	.0000	-.0009	-.0095	.0001	.0024
SDev	.0000	.0009	.0001	.0009	.0192	.0004	.0017
%RSD	36.80	79.79	2943.	95.04	202.8	332.9	71.54

#1	.0001	.0005	-.0001	-.0003	-.0231	-.0002	.0012
#2	.0001	.0018	.0001	-.0016	.0041	.0004	.0037

**010154**

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0000	.0005	.0003
SDev	.0001	.0002	.0004
%RSD	321.1	45.84	157.7

#1	-.0000	.0003	-.0000
#2	.0001	.0006	.0006

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1018927	10000	--	--	--	--	--
SDev	18302.75	.0000000	--	--	--	--	--
%RSD	1.796277	.0000000	--	--	--	--	--

#1	1031869	10000	--	--	--	--	--
#2	1005985	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292495

Operator:

**010155**

Run Time: 02/01/07 11:30:52

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	-.0070	-.0015	.0053	.0001	-.0000	.0007
SDev	.0001	.0002	.0015	.0007	.0001	.0000	.0050
%RSD	17.62	2.338	102.1	14.03	183.2	50.03	732.7

#1	-.0005	-.0069	-.0004	.0058	.0001	-.0000	-.0028
#2	-.0004	-.0071	-.0026	.0047	-.0000	-.0000	.0042

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0431	.0001	.0010	-.0008	.0004	.0019	.2164
SDev	.0003	.0001	.0000	.0008	.0001	.0045	.0041
%RSD	.6791	46.16	3.847	107.7	20.83	238.0	1.898

#1	.0429	.0001	.0011	-.0002	.0004	.0051	.2135
#2	.0433	.0002	.0010	-.0013	.0005	-.0013	.2193

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	.0001	.1384	.0001	.0003	4.036	5.736
SDev	.0004	.0000	.0063	.0000	.0004	.156	.061
%RSD	173.7	4.010	4.562	34.49	119.9	3.861	1.069

#1	-.0006	.0001	.1339	.0001	.0006	3.926	5.693
#2	.0001	.0001	.1428	.0001	.0001	4.146	5.780

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0010	-.0019	-.0033	.0021	.0006	.4697	-.0054
SDev	.0002	.0000	.0019	.0017	.0003	.0089	.0021
%RSD	17.22	2.012	55.38	81.57	55.28	1.884	39.51

#1	-.0008	-.0019	-.0020	.0033	.0004	.4759	-.0039
#2	-.0011	-.0020	-.0047	.0009	.0008	.4634	-.0069

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	105.7	.0015	-.0027	.0605	.0003	-.0013	.0003
SDev	.2	.0068	.0032	.0021	.0018	.0044	.0004
%RSD	.1565	455.6	120.3	3.381	608.8	344.8	170.1

#1	105.6	.0063	-.0004	.0591	.0015	.0019	-.0001
#2	105.8	-.0033	-.0050	.0619	-.0009	-.0044	.0006

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	-.0036	-.0002	-.0022	-.0122	-.0006	-.0015
SDev	.0000	.0017	.0001	.0014	.0181	.0002	.0017
%RSD	1.614	48.04	51.68	62.15	149.0	37.77	111.9

#1	.0002	-.0024	-.0001	-.0012	-.0250	-.0005	-.0003
#2	.0002	-.0049	-.0002	-.0032	.0007	-.0008	-.0026

**010156**

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0001	.0023	-.0006
SDev	.0000	.0001	.0001
%RSD	24.41	2.563	11.19

#1	-.0001	.0022	-.0006
#2	-.0001	.0023	-.0007

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1023984	10000	--	--	--	--	--
SDev	1588.869	.0000000	--	--	--	--	--
%RSD	.1551653	.0000000	--	--	--	--	--
#1	1022861	10000	--	--	--	--	--
#2	1025108	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292496  
 Run Time: 02/01/07 11:35:43  
 Comment:  
 Mode: CONC Corr. Factor: 1

Operator:

**010157**

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0005	-.0051	-.0019	.0064	.0007	.0000	.0004
SDev	.0002	.0037	.0019	.0010	.0001	.0000	.0052
%RSD	42.53	71.65	97.82	15.91	8.029	65.82	1422.

#1	-.0003	-.0025	-.0033	.0057	.0006	.0000	-.0033
#2	-.0006	-.0077	-.0006	.0071	.0007	.0000	.0041

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0680	-.0000	-.0002	.0010	.0009	.0083	.2336
SDev	.0020	.0000	.0001	.0002	.0005	.0169	.0128
%RSD	2.907	80.56	50.68	19.34	57.17	202.4	5.467

#1	.0666	-.0000	-.0001	.0009	.0005	-.0036	.2246
#2	.0693	-.0001	-.0002	.0012	.0013	.0203	.2426

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	.0001	.1653	.0001	.0004	4.155	5.782
SDev	.0003	.0001	.0008	.0001	.0001	.134	.008
%RSD	74.53	55.56	.4898	79.66	30.38	3.224	.1432

#1	-.0002	.0001	.1659	.0000	.0005	4.060	5.788
#2	-.0006	.0001	.1647	.0002	.0003	4.250	5.776

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0008	-.0032	-.0032	.0038	.0016	.5098	-.0010
SDev	.0001	.0038	.0046	.0009	.0017	.0040	.0047
%RSD	9.354	116.7	144.2	23.16	111.3	.7930	469.1

#1	.0008	-.0006	.0001	.0032	.0003	.5069	-.0043
#2	.0009	-.0059	-.0065	.0045	.0028	.5126	.0023

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	105.0	.0019	-.0005	.0088	.0015	.0003	.0020
SDev	.8	.0020	.0004	.0010	.0009	.0009	.0041
%RSD	.7393	104.3	86.43	10.93	62.85	278.0	208.6

#1	105.6	.0033	-.0002	.0094	.0022	.0010	.0049
#2	104.5	.0005	-.0007	.0081	.0008	-.0003	-.0009

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0023	.0001	-.0029	-.0045	.0006	.0008
SDev	.0000	.0010	.0001	.0030	.0025	.0005	.0033
%RSD	13.77	41.32	145.8	103.0	54.97	80.51	395.6

#1	.0001	.0016	-.0000	-.0008	-.0028	.0002	.0032
#2	.0001	.0030	.0001	-.0051	-.0063	.0009	-.0015

**010158**

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0012	.0004
SDev	.0001	.0001	.0006
%RSD	57.03	4.351	142.0

#1	.0001	.0012	-.0000
#2	.0002	.0012	.0008

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1017592	10000	--	--	--	--	--
SDev	7455.027	.0000000	--	--	--	--	--
%RSD	.7326149	.0000000	--	--	--	--	--
#1	1022863	10000	--	--	--	--	--
#2	1012320	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292497

Operator:

Run Time: 02/01/07 11:40:34

Comment:

Mode: CONC Corr. Factor: 1

**010159**

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	-.0024	-.0005	.0048	.0001	.0000	-.0021
SDev	.0008	.0011	.0012	.0006	.0000	.0000	.0002
%RSD	249.8	48.08	251.0	12.30	12.12	12.92	10.62

#1	-.0003	-.0032	.0004	.0052	.0001	.0000	-.0019
#2	.0009	-.0016	-.0014	.0044	.0001	.0000	-.0023

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0279	.0004	.0007	.0005	.0007	.0166	.2961
SDev	.0014	.0001	.0002	.0005	.0002	.0172	.0111
%RSD	5.120	31.81	28.20	111.8	33.19	103.7	3.761

#1	.0269	.0004	.0005	.0009	.0008	.0044	.2882
#2	.0289	.0003	.0008	.0001	.0005	.0288	.3040

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0007	.0001	.1321	.0001	.0004	4.171	5.759
SDev	.0004	.0000	.0033	.0001	.0004	.034	.001
%RSD	67.05	34.48	2.500	48.89	98.03	.8079	.0136

#1	.0003	.0001	.1298	.0002	.0001	4.195	5.759
#2	.0010	.0001	.1344	.0001	.0006	4.147	5.760

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0003	.0013	-.0007	.0011	.0034	.4753	.0038
SDev	.0012	.0019	.0008	.0014	.0028	.0041	.0042
%RSD	443.5	151.5	126.2	122.2	82.45	.8547	111.4

#1	.0006	.0026	-.0013	.0021	.0014	.4724	.0067
#2	-.0012	-.0001	-.0001	.0002	.0054	.4781	.0008

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	104.2	.0019	-.0032	.0125	.0005	-.0015	.0015
SDev	.8	.0023	.0003	.0055	.0006	.0006	.0022
%RSD	.7985	122.7	9.342	43.75	118.0	37.76	148.2

#1	103.6	.0002	-.0030	.0086	.0010	-.0019	-.0001
#2	104.8	.0035	-.0034	.0163	.0001	-.0011	.0031

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0019	.0000	-.0045	.0217	.0004	.0028
SDev	.0000	.0038	.0001	.0016	.0189	.0004	.0007
%RSD	17.66	201.1	499.1	35.93	86.99	105.4	23.27

#1	.0001	.0046	.0001	-.0034	.0083	.0007	.0024
#2	.0001	-.0008	-.0001	-.0057	.0350	.0001	.0033

**010160**

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0006	.0007
SDev	.0001	.0004	.0002
%RSD	46.48	57.75	33.60

#1	.0001	.0004	.0009
#2	.0001	.0009	.0005

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1009406	10000	--	--	--	--	--
SDev	8067.381	.0000000	--	--	--	--	--
%RSD	.7992210	.0000000	--	--	--	--	--
#1	1003701	10000	--	--	--	--	--
#2	1015110	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292498  
 Run Time: 02/01/07 11:45:25  
 Comment:  
 Mode: CONC Corr. Factor: 1

Operator:

**010161**

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	-.0107	.0002	.0050	.0001	-.0000	.0022
SDev	.0003	.0016	.0023	.0004	.0001	.0000	.0068
%RSD	43.63	15.47	1170.	7.221	71.10	45.62	313.4
#1	-.0005	-.0118	-.0014	.0047	.0000	-.0000	.0070
#2	-.0010	-.0095	.0018	.0052	.0001	-.0000	-.0027
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0390	.0001	.0010	-.0001	.0009	-.0135	.2766
SDev	.0003	.0001	.0002	.0000	.0004	.0037	.0005
%RSD	.8472	118.0	18.49	22.09	39.89	27.24	.1734
#1	.0393	.0000	.0009	-.0001	.0006	-.0109	.2770
#2	.0388	.0002	.0012	-.0001	.0011	-.0160	.2763
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	.0000	.1270	.0001	.0006	3.967	5.873
SDev	.0008	.0000	.0020	.0001	.0007	.038	.010
%RSD	128.1	65.84	1.605	66.03	117.3	.9680	.1717
#1	-.0001	.0000	.1256	.0001	.0001	3.940	5.866
#2	-.0011	.0000	.1285	.0002	.0011	3.994	5.880
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0011	-.0023	-.0026	.0029	-.0022	.4819	-.0036
SDev	.0005	.0074	.0020	.0022	.0004	.0092	.0023
%RSD	44.49	318.2	78.89	76.29	19.72	1.914	63.77
#1	.0007	-.0075	-.0011	.0045	-.0025	.4885	-.0052
#2	.0014	.0029	-.0040	.0013	-.0019	.4754	-.0020
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	106.2	-.0015	-.0071	.0194	.0011	-.0053	.0010
SDev	.9	.0002	.0020	.0005	.0022	.0014	.0009
%RSD	.8653	15.40	28.03	2.692	196.9	26.86	84.06
#1	106.8	-.0014	-.0057	.0198	.0026	-.0043	.0017
#2	105.5	-.0017	-.0086	.0191	-.0004	-.0063	.0004
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0000	-.0001	-.0019	-.0264	-.0004	-.0004
SDev	.0000	.0018	.0000	.0028	.0190	.0007	.0014
%RSD	12.14	6597.	21.14	148.1	72.04	190.7	316.0
#1	.0002	-.0012	-.0001	.0001	-.0129	-.0009	-.0014
#2	.0001	.0013	-.0001	-.0039	-.0398	.0001	.0006

**010162**

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0000	.0033	.0000
SDev	.0001	.0000	.0004
%RSD	393.5	1.034	14840.

#1	.0000	.0033	-.0003
#2	-.0001	.0033	.0003

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1028268	10000	--	--	--	--	--
SDev	8960.457	.0000000	--	--	--	--	--
%RSD	.8714126	.0000000	--	--	--	--	--

#1	1034604	10000	--	--	--	--	--
#2	1021932	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292499

Operator: **010163**

Run Time: 02/01/07 11:50:17

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	-.0041	-.0017	.0098	.0000	-.0000	.0047
SDev	.0006	.0053	.0010	.0015	.0001	.0000	.0013
%RSD	230.6	130.6	58.74	15.67	3081.	103.0	27.05
#1	-.0006	-.0078	-.0024	.0109	.0000	-.0000	.0038
#2	.0002	-.0003	-.0010	.0087	-.0000	-.0000	.0057
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0267	.0002	.0011	-.0000	.0004	-.0132	.5677
SDev	.0006	.0001	.0005	.0003	.0001	.0110	.0129
%RSD	2.312	36.61	44.22	655.6	13.89	83.44	2.271
#1	.0262	.0002	.0008	.0002	.0004	-.0210	.5586
#2	.0271	.0003	.0014	-.0003	.0005	-.0054	.5768
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0000	.0562	-.0000	.0008	5.924	8.236
SDev	.0006	.0001	.0035	.0000	.0004	.149	.015
%RSD	469.8	124.9	6.303	22.11	50.33	2.517	.1860
#1	-.0006	.0000	.0537	-.0000	.0011	5.818	8.225
#2	.0003	.0001	.0587	-.0000	.0005	6.029	8.247
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	.0004	.0023	.0014	-.0019	.5653	-.0028
SDev	.0012	.0004	.0024	.0048	.0019	.0112	.0015
%RSD	486.2	94.29	107.2	350.0	98.86	1.973	52.18
#1	-.0006	.0001	.0005	.0048	-.0032	.5732	-.0018
#2	.0011	.0007	.0040	-.0020	-.0006	.5574	-.0039
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	105.8	.0030	-.0027	.0108	.0017	-.0008	.0021
SDev	.3	.0010	.0029	.0032	.0024	.0023	.0011
%RSD	.3194	35.27	109.1	30.15	142.7	292.1	53.35
#1	105.5	.0037	-.0006	.0085	.0034	.0008	.0013
#2	106.0	.0022	-.0048	.0131	-.0000	-.0024	.0028
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	.0003	-.0001	-.0044	-.0049	.0004	-.0000
SDev	.0000	.0003	.0001	.0006	.0224	.0003	.0010
%RSD	42.88	101.5	123.0	14.28	456.2	60.76	2386.
#1	.0000	.0004	-.0000	-.0040	-.0208	.0002	.0006
#2	.0001	.0001	-.0002	-.0049	.0109	.0006	-.0007

**010164**

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	-.0000	.0008	-.0001
SDev	.0001	.0003	.0002
%RSD	2387.	33.07	313.6

#1	.0000	.0006	.0001
#2	-.0000	.0010	-.0002

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1024700	10000	--	--	--	--	--
SDev	3236.428	.0000000	--	--	--	--	--
%RSD	.3158416	.0000000	--	--	--	--	--
#1	1022411	10000	--	--	--	--	--
#2	1026988	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292500

Operator:

Run Time: 02/01/07 11:55:10

Comment:

Mode: CONC Corr. Factor: 1

**010165**

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	-.0064	-.0042	.0098	.0002	-.0000	-.0000
SDev	.0002	.0064	.0019	.0000	.0001	.0000	.0001
%RSD	59.48	100.7	46.94	.1524	47.06	197.6	281.0

#1	-.0005	-.0018	-.0028	.0098	.0001	.0000	-.0001
#2	-.0002	-.0109	-.0055	.0098	.0003	-.0000	.0000

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0404	.0001	.0013	.0007	.0011	.5389	.5709
SDev	.0008	.0002	.0004	.0005	.0000	.0069	.0044
%RSD	1.941	163.9	31.66	77.84	2.692	1.283	.7780

#1	.0398	-.0000	.0010	.0003	.0011	.5340	.5677
#2	.0409	.0002	.0016	.0011	.0012	.5437	.5740

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	.0001	.0926	.1353	.0002	5.916	8.211
SDev	.0003	.0000	.0048	.0001	.0003	.101	.035
%RSD	41.23	11.76	5.142	.0540	153.4	1.702	.4248

#1	-.0008	.0001	.0960	.1353	.0004	5.987	8.235
#2	-.0005	.0001	.0892	.1354	-.0000	5.845	8.186

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0007	.0043	-.0038	.0040	-.0008	.5479	-.0014
SDev	.0008	.0084	.0005	.0001	.0026	.0046	.0024
%RSD	121.2	192.8	11.83	1.258	341.7	.8350	175.9

#1	.0013	.0103	-.0035	.0041	-.0026	.5446	.0003
#2	.0001	-.0016	-.0042	.0040	.0011	.5511	-.0031

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	105.8	-.0004	-.0005	.0125	.0014	-.0005	.0008
SDev	.3	.0048	.0005	.0012	.0002	.0019	.0003
%RSD	.3291	1244.	93.41	9.944	13.07	412.1	32.82

#1	106.0	-.0038	-.0009	.0116	.0015	-.0018	.0007
#2	105.5	.0030	-.0002	.0134	.0013	.0009	.0010

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0025	.0001	-.0009	-.0122	.0006	.0002
SDev	.0000	.0008	.0000	.0004	.0041	.0002	.0030
%RSD	.0340	33.54	18.15	42.77	33.14	36.88	1348.

#1	.0001	.0030	.0001	-.0006	-.0151	.0004	-.0019
#2	.0001	.0019	.0001	-.0011	-.0094	.0007	.0023

010166

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0020	.0006
SDev	.0001	.0001	.0002
%RSD	76.27	4.818	24.89

#1	.0001	.0019	.0005
#2	.0002	.0021	.0008

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1024808	10000	--	--	--	--	--
SDev	3367.950	.0000000	--	--	--	--	--
%RSD	.3286422	.0000000	--	--	--	--	--
#1	1027189	10000	--	--	--	--	--
#2	1022426	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292501

Operator:

Run Time: 02/01/07 12:00:01

Comment:

**010167**

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0006	-.0048	-.0024	.0042	.0005	-.0000	.0062
SDev	.0003	.0026	.0006	.0007	.0000	.0000	.0050
%RSD	53.02	55.09	26.42	16.81	6.322	92.85	80.45
#1	.0004	-.0029	-.0029	.0047	.0005	-.0000	.0097
#2	.0008	-.0067	-.0020	.0037	.0006	-.0000	.0027
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0639	.0003	.0007	.0001	.0011	.0159	.1947
SDev	.0021	.0001	.0005	.0003	.0004	.0126	.0257
%RSD	3.201	34.15	67.52	237.5	34.66	79.61	13.22
#1	.0625	.0003	.0004	.0004	.0008	.0069	.1765
#2	.0654	.0002	.0011	-.0001	.0014	.0248	.2129
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0008	.0001	.1657	.0000	.0004	4.032	5.667
SDev	.0003	.0001	.0035	.0000	.0004	.328	.062
%RSD	32.02	124.4	2.101	30.16	115.8	8.134	1.093
#1	.0006	.0000	.1633	.0000	.0001	3.800	5.711
#2	.0010	.0001	.1682	.0001	.0007	4.264	5.623
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0001	.0013	-.0035	.0034	.0017	.4962	-.0031
SDev	.0012	.0069	.0015	.0045	.0047	.0066	.0005
%RSD	829.2	515.4	44.37	130.6	272.3	1.326	16.46
#1	.0007	-.0035	-.0024	.0003	-.0016	.4916	-.0034
#2	-.0010	.0062	-.0046	.0066	.0050	.5009	-.0027
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	105.7	.0028	-.0001	.0112	.0011	.0009	.0017
SDev	1.9	.0031	.0006	.0005	.0025	.0006	.0021
%RSD	1.821	109.0	438.0	4.799	218.2	73.48	120.6
#1	107.1	.0006	.0003	.0116	-.0006	.0004	.0003
#2	104.3	.0050	-.0006	.0108	.0029	.0013	.0032
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	-.0006	-.0001	-.0009	.0258	-.0000	.0024
SDev	.0000	.0007	.0001	.0003	.0219	.0010	.0027
%RSD	13.85	108.1	135.3	34.51	84.86	2673.	110.9
#1	.0002	-.0001	-.0001	-.0007	.0103	-.0007	.0044
#2	.0002	-.0011	-.0000	-.0011	.0413	.0007	.0005

**010168**

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0000	.0016	.0004
SDev	.0001	.0004	.0005
%RSD	428.6	22.64	141.5

#1	-.0000	.0013	-.0000
#2	.0001	.0019	.0007

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1023914	10000	--	--	--	--	--
SDev	18614.59	.0000000	--	--	--	--	--
%RSD	1.817982	.0000000	--	--	--	--	--
#1	1037077	10000	--	--	--	--	--
#2	1010752	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292502

Operator:

Run Time: 02/01/07 12:04:55

Comment:

**010169**

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0000	-.0055	-.0007	.0149	.0011	-.0000	-.0024
SDev	.0007	.0062	.0001	.0019	.0002	.0000	.0001
%RSD	3451.	111.4	19.68	12.93	15.89	581.0	5.906

#1	-.0005	-.0099	-.0008	.0135	.0010	-.0000	-.0023
#2	.0005	-.0012	-.0006	.0162	.0012	.0000	-.0025

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.1054	.0001	.0006	.0004	.0014	.0056	.4776
SDev	.0014	.0001	.0002	.0010	.0012	.0087	.0160
%RSD	1.362	118.0	32.19	218.3	87.68	155.4	3.345

#1	.1044	.0000	.0004	-.0002	.0005	-.0006	.4663
#2	.1064	.0002	.0007	.0011	.0022	.0118	.4889

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	.0001	.2295	.0001	.0007	6.200	8.707
SDev	.0009	.0001	.0085	.0001	.0001	.225	.113
%RSD	4268.	64.00	3.711	103.7	17.39	3.627	1.292

#1	-.0006	.0000	.2235	.0000	.0007	6.041	8.628
#2	.0007	.0001	.2356	.0001	.0008	6.359	8.787

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	.0051	-.0039	.0023	-.0004	.7453	-.0011
SDev	.0005	.0029	.0026	.0016	.0023	.0058	.0048
%RSD	113.8	57.16	67.68	72.61	596.4	.7772	419.5

#1	.0001	.0072	-.0058	.0034	-.0020	.7412	-.0045
#2	.0008	.0031	-.0020	.0011	.0012	.7494	.0023

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	104.6	.0001	-.0027	.0310	.0002	-.0018	.0010
SDev	2.1	.0028	.0005	.0021	.0002	.0006	.0015
%RSD	2.011	3461.	18.34	6.732	96.60	34.08	148.6

#1	106.1	-.0019	-.0024	.0296	.0004	-.0022	-.0000
#2	103.1	.0021	-.0031	.0325	.0001	-.0013	.0020

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0002	.0029	.0000	-.0019	-.0058	.0003	.0042
SDev	.0000	.0008	.0003	.0050	.0406	.0011	.0035
%RSD	10.38	28.19	610.8	269.8	696.1	314.5	82.53

#1	.0002	.0023	-.0002	.0017	-.0346	-.0004	.0018
#2	.0003	.0035	.0003	-.0054	.0229	.0011	.0067

**010170**

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0038	.0005
SDev	.0002	.0002	.0012
%RSD	153.8	4.324	234.2

#1	-.0000	.0037	-.0003
#2	.0002	.0040	.0014

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1013333	10000	--	--	--	--	--
SDev	20326.49	.0000000	--	--	--	--	--
%RSD	2.005904	.0000000	--	--	--	--	--
#1	1027706	10000	--	--	--	--	--
#2	998960	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292503

Operator:

Run Time: 02/01/07 12:09:46

Comment:

**010171**

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	-.0068	-.0045	.0415	-.0000	-.0000	-.0008
SDev	.0002	.0047	.0011	.0006	.0000	.0000	.0004
%RSD	50.19	69.57	25.24	1.406	1926.	20.07	49.01

#1	-.0006	-.0101	-.0053	.0419	-.0000	-.0000	-.0011
#2	-.0003	-.0034	-.0037	.0411	.0000	-.0000	-.0005

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0439	.0000	.0000	.0001	.0003	-.0073	3.194
SDev	.0002	.0002	.0000	.0001	.0000	.0085	.002
%RSD	.4035	736.8	98.55	62.67	7.768	115.5	.0746

#1	.0440	-.0001	.0001	.0002	.0003	-.0013	3.193
#2	.0438	.0002	.0000	.0001	.0003	-.0133	3.196

Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0007	.0000	.0050	-.0000	.0006	6.614	9.441
SDev	.0005	.0000	.0037	.0000	.0005	.025	.034
%RSD	65.67	16.63	72.93	52.04	77.31	.3732	.3563

#1	-.0010	.0000	.0024	-.0000	.0003	6.632	9.418
#2	-.0004	.0000	.0076	-.0000	.0010	6.597	9.465

Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0004	.0044	-.0068	.0023	-.0007	.8500	-.0015
SDev	.0008	.0052	.0014	.0032	.0004	.0117	.0018
%RSD	187.7	117.8	20.39	139.4	59.51	1.371	124.6

#1	-.0010	.0081	-.0077	.0000	-.0004	.8417	-.0028
#2	.0001	.0007	-.0058	.0046	-.0009	.8582	-.0002

Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	104.7	.0006	-.0023	.5247	-.0007	-.0013	.0004
SDev	.6	.0041	.0032	.0023	.0026	.0035	.0011
%RSD	.5970	710.1	140.4	.4399	378.4	264.5	270.7

#1	105.1	-.0023	-.0046	.5230	-.0025	-.0038	.0012
#2	104.3	.0035	-.0000	.5263	.0012	.0012	-.0004

Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	-.0013	-.0001	-.0022	-.0220	-.0001	.0001
SDev	.0000	.0010	.0001	.0028	.0128	.0004	.0019
%RSD	25.98	78.49	94.81	124.5	58.10	281.4	1394.

#1	.0000	-.0020	-.0001	-.0042	-.0310	-.0004	-.0012
#2	.0000	-.0006	-.0000	-.0003	-.0129	.0001	.0014

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0000	.0005	-.0005
SDev	.0001	.0000	.0001
%RSD	786.6	.2995	27.45

#1	-.0000	.0005	-.0006
#2	.0001	.0005	-.0004

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1014290	10000	--	--	--	--	--
SDev	6110.110	.0000000	--	--	--	--	--
%RSD	.6024029	.0000000	--	--	--	--	--

#1	1018610	10000	--	--	--	--	--
#2	1009969	10000	--	--	--	--	--

Method: DAILY2 Sample Name: CCV3  
 Run Time: 02/01/07 12:14:38  
 Comment:  
 Mode: CONC Corr. Factor: 1

Operator:

**010173**

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9773	9.823	5.162	4.969	10.17	.9862	5.084
SDev	.0036	.047	.000	.014	.02	.0022	.031
%RSD	.3693	.4817	.0078	.2830	.2040	.2185	.6067
#1	.9748	9.789	5.162	4.959	10.16	.9847	5.062
#2	.9799	9.856	5.162	4.979	10.18	.9877	5.106
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.67	.9974	5.052	1.983	2.031	10.40	18.65
SDev	.07	.0036	.011	.005	.001	.08	.03
%RSD	.3323	.3628	.2105	.2728	.0519	.7678	.1621
#1	19.63	.9949	5.045	1.979	2.031	10.34	18.63
#2	19.72	1.000	5.060	1.987	2.032	10.46	18.68
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.973	4.742	19.99	1.009	4.975	27.90	H41.71
SDev	.006	.005	.08	.004	.018	.42	.07
%RSD	.1110	.0986	.3758	.3516	.3679	1.497	.1731
#1	4.969	4.739	19.94	1.007	4.962	27.61	H41.66
#2	4.977	4.745	20.04	1.012	4.988	28.20	H41.76
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.932	5.057	5.028	4.984	1.009	1.011	1.010
SDev	.003	.032	.021	.058	.009	.006	.000
%RSD	.0695	.6291	.4095	1.157	.9190	.5845	.0235
#1	4.929	5.034	5.013	4.943	1.003	1.015	1.010
#2	4.934	5.079	5.042	5.024	1.016	1.007	1.010
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	103.1	5.300	5.253	4.979	4.998	5.269	5.281
SDev	1.7	.001	.061	.018	.045	.040	.023
%RSD	1.606	.0186	1.164	.3537	.9061	.7672	.4284
#1	104.3	5.300	5.210	4.966	4.966	5.240	5.265
#2	101.9	5.299	5.297	4.991	5.030	5.298	5.297
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.015	1.007	4.836	5.284	.9945	4.964	1.056
SDev	.005	.002	.004	.007	.0270	.008	.002
%RSD	.0911	.2143	.0758	.1333	2.714	.1599	.2267
#1	5.011	1.009	4.834	5.279	.9755	4.958	1.058
#2	5.018	1.006	4.839	5.289	1.014	4.969	1.055
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000
Elem	Y_3710	Zn2062	Zr3496				
Units	ppm	ppm	ppm				
Avge	5.080	1.001	4.983				
SDev	.003	.007	.005				
%RSD	.0608	.6880	.1087				
#1	5.078	.9962	4.987				
#2	5.082	1.006	4.979				
Errors	LC Pass	LC Pass	LC Pass				
High	5.500	1.100	5.500				
Low	4.500	.9000	4.500				

010174

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	998662	10000	--	--	--	--	--
SDev	16098.70	.0000000	--	--	--	--	--
%RSD	1.612026	.0000000	--	--	--	--	--
#1	1010046	10000	--	--	--	--	--
#2	987279	10000	--	--	--	--	--

**010175**

Method: DAILY2 Sample Name: CCB3  
 Run Time: 02/01/07 12:19:31  
 Comment:  
 Mode: CONC Corr. Factor: 1

Operator:

**010176**

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0103	-.0011	.0083	.0009	.0001	.0063
SDev	.0000	.0093	.0039	.0001	.0012	.0001	.0033
%RSD	57.56	90.63	364.1	1.223	129.8	102.1	52.62
#1	.0001	.0037	.0017	.0084	.0017	.0002	.0086
#2	.0000	.0169	-.0038	.0082	.0001	.0000	.0040
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0039	.0004	.0010	.0008	.0004	.0166	.0103
SDev	.0016	.0000	.0003	.0004	.0001	.0075	.0020
%RSD	42.70	5.602	32.26	53.90	39.37	45.14	19.62
#1	.0050	.0005	.0012	.0005	.0005	.0220	.0089
#2	.0027	.0004	.0008	.0011	.0003	.0113	.0117
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0007	.0004	.0031	.0001	.0011	-.0133	.0201
SDev	.0006	.0004	.0021	.0001	.0005	.0690	.0044
%RSD	92.93	106.6	66.49	52.39	49.23	517.8	21.71
#1	.0011	.0007	.0046	.0001	.0015	.0355	.0232
#2	.0002	.0001	.0017	.0001	.0007	L-.0621	.0170
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0008	-.0016	-.0005	.0014	.0047	-.0115	-.0051
SDev	.0001	.0030	.0018	.0011	.0010	.0125	.0030
%RSD	15.97	191.4	385.9	77.28	21.01	109.0	58.40
#1	.0009	.0006	.0008	.0022	H.0054	-.0026	-.0073
#2	.0007	-.0037	-.0018	.0006	.0040	L-.0203	-.0030
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0200	.0100
Low	-.0050	-.0100			-.0050	-.0200	-.0100
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

**010177**

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	101.7	-.0018	-.0013	-.0005	.0008	-.0015	.0012
SDev	.1	.0017	.0032	.0013	.0014	.0027	.0020
%RSD	.0661	98.09	243.6	237.7	166.7	186.1	159.6
#1	101.7	-.0030	-.0036	.0004	.0018	-.0034	.0026
#2	101.8	-.0005	.0009	-.0015	-.0001	.0005	-.0002
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0004	-.0002	.0003	.0015	.0070	.0004	.0035
SDev	.0006	.0006	.0005	.0020	.0044	.0003	.0007
%RSD	128.3	227.1	169.4	138.3	63.56	78.43	19.87
#1	.0008	-.0006	.0007	.0029	.0101	.0007	.0030
#2	.0000	.0001	-.0001	.0000	.0038	.0002	.0040
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100
Elem	Y_3710	Zn2062	Zr3496				
Units	ppm	ppm	ppm				
Avge	.0004	.0002	.0008				
SDev	.0006	.0003	.0008				
%RSD	144.1	103.1	104.1				
#1	.0009	.0004	.0013				
#2	-.0000	.0001	.0002				
Errors	LC Pass	LC Pass	LC Pass				
High	.0050	.0050	.0050				
Low	-.0050	-.0050	-.0050				

IntStd	1	2	3	4	5	6	070178
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	985593	10000	--	--	--	--	--
SDev	700.0357	.0000000	--	--	--	--	--
%RSD	.0710269	.0000000	--	--	--	--	--
#1	985098	10000	--	--	--	--	--
#2	986088	10000	--	--	--	--	--

Method: DAILY2 Sample Name: 292504

Operator:

Run Time: 02/01/07 12:24:24

Comment:

Mode: CONC Corr. Factor: 1

**010179**

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0003	.0093	-.0019	.0456	.0002	.0000	.0068
SDev	.0011	.0024	.0008	.0015	.0001	.0000	.0050
%RSD	355.2	25.36	43.15	3.215	35.78	42.45	73.12
#1	-.0005	.0076	-.0013	.0445	.0001	.0000	.0103
#2	.0011	.0110	-.0024	.0466	.0002	.0001	.0033
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0681	.0001	.0014	.0011	.0015	.0171	4.588
SDev	.0017	.0003	.0002	.0004	.0008	.0187	.064
%RSD	2.433	288.9	16.09	35.88	49.14	109.4	1.392
#1	.0669	-.0001	.0012	.0008	.0010	.0039	4.633
#2	.0693	.0003	.0016	.0013	.0021	.0304	4.543
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0008	.0001	.0120	.0002	.0013	5.205	7.214
SDev	.0013	.0001	.0108	.0000	.0001	.123	.200
%RSD	174.2	47.19	89.62	23.43	10.21	2.354	2.773
#1	-.0002	.0001	.0044	.0001	.0012	5.119	7.355
#2	.0017	.0002	.0197	.0002	.0014	5.292	7.072
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0010	.0049	.0013	.0033	.0057	.9882	-.0016
SDev	.0015	.0009	.0020	.0009	.0055	.0294	.0051
%RSD	149.4	17.80	160.0	29.01	97.79	2.973	317.3
#1	-.0001	.0056	-.0002	.0026	.0017	.9674	-.0052
#2	.0021	.0043	.0027	.0040	.0096	1.009	.0020
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899
Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	104.0	-.0002	-.0021	.4848	.0026	-.0015	.0010
SDev	.6	.0015	.0021	.0036	.0013	.0019	.0026
%RSD	.5292	635.4	101.6	.7456	49.87	132.0	247.2
#1	104.3	-.0013	-.0036	.4874	.0017	-.0028	-.0008
#2	103.6	.0009	-.0006	.4823	.0036	-.0001	.0029
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0001	.0017	.0001	-.0018	.0386	.0009	.0020
SDev	.0001	.0021	.0002	.0029	.0474	.0007	.0003
%RSD	44.47	127.8	136.1	157.5	122.7	72.90	12.29
#1	.0001	.0002	.0000	-.0039	.0051	.0004	.0022
#2	.0002	.0032	.0003	.0002	.0722	.0014	.0018

**010180**

Elem	Y_3710	Zn2062	Zr3496
Units	ppm	ppm	ppm
Avge	.0001	.0017	.0012
SDev	.0001	.0003	.0010
%RSD	56.86	15.41	85.43

#1	.0001	.0015	.0005
#2	.0002	.0018	.0019

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1007011	10000	--	--	--	--	--
SDev	5407.953	.0000000	--	--	--	--	--
%RSD	.5370302	.0000000	--	--	--	--	--

#1	1010835	10000	--	--	--	--	--
#2	1003187	10000	--	--	--	--	--

Method: DAILY2 Sample Name: CRI  
 Run Time: 02/01/07 12:29:15  
 Comment:  
 Mode: CONC Corr. Factor: 1

Operator:

**010181**

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0202	.1036	.0199	.1032	.0208	.0100	.0008
SDev	.0003	.0080	.0010	.0003	.0001	.0001	.0019
%RSD	1.244	7.675	5.048	.3032	.2275	.4857	228.0
#1	.0204	.1092	.0192	.1034	.0208	.0101	.0021
#2	.0201	.0980	.0206	.1030	.0208	.0100	-.0005
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	.0300		.0300	.1500	.0300	.0150	
Low	.0100		.0100	.0500	.0100	.0050	
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0019	.0103	.1013	.0204	.0497	.1156	.0055
SDev	.0016	.0002	.0002	.0012	.0007	.0136	.0216
%RSD	83.47	1.633	.2229	5.711	1.374	11.76	394.6
#1	.0031	.0105	.1015	.0212	.0501	.1252	.0207
#2	.0008	.0102	.1012	.0196	.0492	.1060	-.0098
Errors	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High		.0150	.1500	.0300	.0750	.1500	
Low		.0050	.0500	.0100	.0250	.0500	
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0000	.0666	.0031	.0305	.0198	-.1198	.0190
SDev	.0001	.0001	.0031	.0000	.0004	.0885	.0004
%RSD	688.0	.2256	98.01	.0890	2.067	73.92	2.187
#1	-.0001	.0667	.0053	.0305	.0201	-.1823	.0187
#2	.0001	.0665	.0010	.0304	.0195	-.0572	.0192
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK
High		.1500		.0450	.0300		
Low		.0500		.0150	.0100		
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0821	.0976	.0045	.0079	.0014	.0001	.1236
SDev	.0000	.0072	.0001	.0020	.0027	.0054	.0014
%RSD	.0078	7.411	1.528	24.94	189.4	5872.	1.163
#1	.0821	.0925	.0044	.0093	.0033	.0039	.1246
#2	.0822	.1028	.0045	.0065	-.0005	-.0037	.1226
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	.1200	.1500					.1800
Low	.0400	.0500					.0600
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

**010182**

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	103.0	.0120	.0050	.1095	.0068	.0073	.1021
SDev	1.1	.0070	.0014	.0040	.0013	.0032	.0030
%RSD	1.032	58.82	27.26	3.688	19.07	44.44	2.917
#1	102.2	.0070	.0040	.1123	.0077	.0050	.1042
#2	103.7	.0170	.0059	.1066	.0059	.0096	.1000
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.1500	.0090	.0150	.1500
Low				.0500	.0030	.0050	.0500
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0209	.0011	.0197	.0205	.1924	.0999	.0012
SDev	.0001	.0020	.0001	.0039	.0289	.0000	.0008
%RSD	.2346	186.4	.5174	18.79	14.99	.0259	66.42
#1	.0209	.0025	.0198	.0232	.2128	.1000	.0006
#2	.0208	-.0003	.0196	.0178	.1720	.0999	.0018
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High	.0300		.0300	.0300		.1500	
Low	.0100		.0100	.0100		.0500	
Elem	Y_3710	Zn2062	Zr3496				
Units	ppm	ppm	ppm				
Avge	.0000	.0404	.0884				
SDev	.0001	.0002	.0000				
%RSD	297.3	.4064	.0279				
#1	.0001	.0405	.0884				
#2	-.0000	.0402	.0884				
Errors	NOCHECK	LC Pass	NOCHECK				
High		.0600					
Low		.0200					

IntStd	1	2	3	4	5	6	<b>010483</b>
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	997490	10000	--	--	--	--	--
SDev	10274.97	.0000000	--	--	--	--	--
%RSD	1.030082	.0000000	--	--	--	--	--
#1	990225	10000	--	--	--	--	--
#2	1004756	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ICSA  
 Run Time: 02/01/07 12:34:09  
 Comment:  
 Mode: CONC Corr. Factor: 1

Operator:

**010184**

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	502.1	.0026	-.0145	.0024	.0002	.0025
SDev	.0005	1.0	.0014	.0002	.0001	.0000	.0007
%RSD	84.74	.1998	54.32	1.600	2.435	14.92	26.52
#1	-.0009	501.4	.0016	-.0143	.0024	.0002	.0020
#2	-.0002	502.8	.0036	-.0146	.0024	.0002	.0029
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		600.0					
Low		400.0					
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	454.3	.0006	.0014	-.0010	.0016	186.9	.0132
SDev	2.9	.0000	.0002	.0000	.0005	.4	.0087
%RSD	.6300	2.659	14.24	2.642	31.93	.2364	65.68
#1	452.3	.0006	.0016	-.0011	.0012	186.6	.0071
#2	456.3	.0006	.0013	-.0010	.0019	187.2	.0193
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High	600.0					240.0	
Low	400.0					160.0	
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0049	.0004	533.8	.0061	-.0015	.6074	.0226
SDev	.0000	.0000	1.3	.0000	.0015	.0393	.0059
%RSD	.4317	.7961	.2458	.2857	98.36	6.465	25.87
#1	.0049	.0004	532.9	.0061	-.0005	.5796	.0267
#2	.0049	.0004	534.7	.0061	-.0026	.6351	.0185
Errors	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High			600.0				
Low			400.0				
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0012	-.0058	.0242	-.0093	.0097	-.0075	.0046
SDev	.0007	.0033	.0002	.0029	.0018	.0164	.0106
%RSD	57.05	56.58	.7848	31.42	18.19	220.3	228.6
#1	.0007	-.0035	.0243	-.0072	.0085	-.0191	.0122
#2	.0017	-.0081	.0240	-.0114	.0110	.0042	-.0029
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

010185

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	92.80	-.0011	-.0132	.0345	.0019	-.0092	-.0035
SDev	1.48	.0006	.0050	.0013	.0020	.0031	.0023
%RSD	1.599	55.34	37.82	3.717	107.8	34.18	65.57
#1	93.84	-.0015	-.0097	.0336	.0033	-.0070	-.0051
#2	91.75	-.0007	-.0168	.0354	.0004	-.0114	-.0019
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0163	-.0441	-.0005	.0064	-.0411	.0004	.0015
SDev	.0000	.0041	.0001	.0023	.0126	.0003	.0025
%RSD	.0040	9.325	24.83	35.36	30.77	77.89	162.5
#1	.0163	-.0470	-.0006	.0080	-.0500	.0002	.0033
#2	.0163	-.0412	-.0004	.0048	-.0321	.0007	-.0002
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							
Low							
Elem	Y_3710	Zn2062	Zr3496				
Units	ppm	ppm	ppm				
Avge	-.0009	.0069	-.0011				
SDev	.0000	.0002	.0003				
%RSD	3.190	3.282	30.85				
#1	-.0009	.0071	-.0013				
#2	-.0009	.0068	-.0008				
Errors	NOCHECK	NOCHECK	NOCHECK				
High							
Low							

IntStd	1	2	3	4	5	6	010186
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	898893	10000	--	--	--	--	--
SDev	14358.51	.0000000	--	--	--	--	--
%RSD	1.597355	.0000000	--	--	--	--	--
#1	909046	10000	--	--	--	--	--
#2	888740	10000	--	--	--	--	--

Method: DAILY2 Sample Name: ICSAB  
 Run Time: 02/01/07 12:39:01  
 Comment:  
 Mode: CONC Corr. Factor: 1

Operator:

**010187**

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.080	498.5	1.067	1.020	.5402	.4891	.0020
SDev	.001	.5	.000	.000	.0020	.0011	.0005
%RSD	.0651	.0944	.0093	.0254	.3727	.2317	23.45
#1	1.080	498.9	1.067	1.020	.5417	.4883	.0024
#2	1.079	498.2	1.067	1.020	.5388	.4899	.0017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	1.200	600.0	1.200	1.200	.6000	.6000	
Low	.8000	400.0	.8000	.8000	.4000	.4000	
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	450.2	.9457	.4829	.4885	.5502	185.6	-.0109
SDev	2.5	.0038	.0004	.0005	.0033	.7	.0435
%RSD	.5646	.4058	.0918	.1044	.6058	.3627	397.4
#1	448.4	.9430	.4832	.4881	.5525	185.1	-.0417
#2	451.9	.9484	.4826	.4889	.5478	186.1	.0198
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	600.0	1.200	.6000	.6000	.6000	240.0	
Low	400.0	.8000	.4000	.4000	.4000	160.0	
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0040	H1.221	531.0	.4975	1.019	.5471	.0206
SDev	.0010	.009	2.2	.0013	.000	.3820	.0040
%RSD	25.14	.7170	.4159	.2506	.0351	69.82	19.45
#1	.0033	H1.227	529.5	.4966	1.019	.2770	.0177
#2	.0047	H1.215	532.6	.4984	1.019	.8172	.0234
Errors	NOCHECK	LC High	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High		1.200	600.0	.6000	1.200		
Low		.8000	400.0	.4000	.8000		
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9248	1.035	1.008	.9791	.0072	.0130	1.050
SDev	.0002	.015	.006	.0006	.0072	.0064	.002
%RSD	.0237	1.487	.6198	.0616	98.98	49.66	.2233
#1	.9247	1.046	1.004	.9787	.0022	.0175	1.048
#2	.9250	1.024	1.013	.9796	.0123	.0084	1.052
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.200	1.200					1.200
Low	.8000	.8000					.8000
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm	<b>010188</b>
Avg	93.76	1.020	1.020	1.075	.9889	1.020	1.034	
SDev	1.28	.002	.005	.001	.0025	.003	.000	
%RSD	1.366	.1583	.4796	.1369	.2513	.2671	.0285	
#1	94.66	1.018	1.024	1.074	.9871	1.022	1.034	
#2	92.85	1.021	1.017	1.076	.9906	1.018	1.034	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	
High					1.200	1.200	1.200	
Low					.8000	.8000	.8000	
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	1.067	-.0317	.9588	1.025	.8991	.4963	.0071	
SDev	.002	.0074	.0002	.007	.0513	.0014	.0032	
%RSD	.1819	23.32	.0227	.7128	5.706	.2852	44.87	
#1	1.068	-.0265	.9589	1.030	.8629	.4953	.0094	
#2	1.066	-.0369	.9586	1.020	.9354	.4973	.0049	
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK	
High	1.200		1.200	1.200		.6000		
Low	.8000		.8000	.8000		.4000		
Elem	Y_3710	Zn2062	Zr3496					
Units	ppm	ppm	ppm					
Avg	-.0009	.9191	.8821					
SDev	.0000	.0057	.0011					
%RSD	3.629	.6170	.1291					
#1	-.0009	.9151	.8829					
#2	-.0010	.9231	.8813					
Errors	NOCHECK	LC Pass	NOCHECK					
High		1.200						
Low		.8000						

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	908250	10000	--	--	--	--	--
SDev	12471.95	.0000000	--	--	--	--	--
%RSD	1.373185	.0000000	--	--	--	--	--
#1	917069	10000	--	--	--	--	--
#2	899431	10000	--	--	--	--	--

010189

Method: DAILY2 Sample Name: CCV4

Operator: **010190**

Run Time: 02/01/07 12:43:52

Comment:

Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.9808	10.00	5.147	4.982	10.18	.9848	5.106
SDev	.0045	.09	.005	.005	.02	.0017	.018
%RSD	.4613	.8512	.1038	.0956	.2394	.1709	.3567
#1	.9840	10.06	5.151	4.986	10.16	.9860	5.119
#2	.9776	9.942	5.143	4.979	10.20	.9836	5.094
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.100	11.00	5.500	5.500	11.00	1.100	5.500
Low	.9000	9.000	4.500	4.500	9.000	.9000	4.500
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.68	.9941	5.048	1.981	2.042	10.39	18.86
SDev	.02	.0013	.013	.003	.009	.04	.06
%RSD	.1191	.1338	.2651	.1328	.4469	.4208	.3080
#1	19.70	.9950	5.057	1.983	2.049	10.42	18.90
#2	19.67	.9932	5.038	1.980	2.036	10.36	18.82
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	22.00	1.100	5.500	2.200	2.200	11.00	22.00
Low	18.00	.9000	4.500	1.800	1.800	9.000	18.00
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.979	4.787	20.03	1.010	4.964	28.38	H42.27
SDev	.003	.014	.05	.002	.005	.30	.32
%RSD	.0632	.2885	.2509	.2206	.0960	1.071	.7590
#1	4.977	4.797	20.06	1.011	4.968	28.60	H42.49
#2	4.981	4.777	19.99	1.008	4.961	28.17	H42.04
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.500	5.500	22.00	1.100	5.500	33.00	33.00
Low	4.500	4.500	18.00	.9000	4.500	27.00	27.00
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.913	5.110	5.034	5.011	1.019	.9887	1.014
SDev	.021	.027	.045	.011	.008	.0060	.000
%RSD	.4287	.5276	.8952	.2249	.7458	.6052	.0426
#1	4.928	5.129	5.066	5.003	1.024	.9929	1.014
#2	4.898	5.091	5.002	5.019	1.014	.9845	1.015
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.500	5.500			1.100	1.100	1.100
Low	4.500	4.500			.9000	.9000	.9000
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.0	5.342	5.296	5.009	5.018	5.311	5.265
SDev	1.4	.033	.030	.035	.008	.009	.009
%RSD	1.362	.6248	.5601	.6896	.1496	.1628	.1706
#1	101.0	5.365	5.275	5.034	5.024	5.305	5.258
#2	102.9	5.318	5.317	4.985	5.013	5.317	5.271
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				5.500	5.500	5.500	5.500
Low				4.500	4.500	4.500	4.500
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.022	1.006	4.841	5.281	1.005	4.971	1.057
SDev	.004	.001	.004	.016	.001	.007	.005
%RSD	.0822	.0892	.0809	.3060	.0972	.1391	.4734
#1	5.019	1.006	4.838	5.269	1.004	4.975	1.060
#2	5.025	1.007	4.844	5.292	1.006	4.966	1.053
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.500	1.100	5.500	5.500	1.100	5.500	1.100
Low	4.500	.9000	4.500	4.500	.9000	4.500	.9000
Elem	Y_3710	Zn2062	Zr3496				
Units	ppm	ppm	ppm				
Avge	5.084	.9990	4.992				
SDev	.001	.0035	.021				
%RSD	.0233	.3473	.4306				
#1	5.083	1.001	4.977				
#2	5.084	.9965	5.008				
Errors	LC Pass	LC Pass	LC Pass				
High	5.500	1.100	5.500				
Low	4.500	.9000	4.500				

010191

**010192**

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	987676	10000	--	--	--	--	--
SDev	13529.07	.0000000	--	--	--	--	--
%RSD	1.369788	.0000000	--	--	--	--	--
#1	978110	10000	--	--	--	--	--
#2	997243	10000	--	--	--	--	--

Method: DAILY2 Sample Name: CCB4  
 Run Time: 02/01/07 12:48:44  
 Comment:  
 Mode: CONC Corr. Factor: 1

Operator: **010193**

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0006	-.0058	.0001	.0089	.0011	.0001	-.0010
SDev	.0004	.0034	.0002	.0014	.0014	.0001	.0004
%RSD	70.83	58.05	164.5	15.51	130.9	147.6	37.65
#1	-.0003	-.0034	-.0000	.0099	.0020	.0002	-.0012
#2	-.0009	-.0082	.0003	.0080	.0001	-.0000	-.0007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0500	.0050	.0500	.0050	.0050	.0100
Low	-.0050	-.0500	-.0050	-.0500	-.0050	-.0050	-.0100
Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0033	.0002	.0003	.0003	-.0000	-.0059	-.0035
SDev	.0051	.0002	.0016	.0006	.0009	.0086	.0054
%RSD	152.2	100.8	545.8	234.0	6602.	146.3	155.5
#1	.0069	.0004	.0015	.0007	.0007	.0002	.0003
#2	-.0003	.0001	-.0009	-.0002	-.0007	-.0120	-.0073
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0050	.0050	.0050	.0050	.0500	.1000
Low	-.0500	-.0050	-.0050	-.0050	-.0050	-.0500	-.1000
Elem	La3988	Li6707	Mg2790	Mn2576	Mo2020	Na3302	Na5889
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.0002	.0004	.0016	.0000	.0010	L-.0641	.0264
SDev	.0010	.0005	.0043	.0002	.0003	.0376	.0043
%RSD	426.8	121.5	270.1	640.1	33.55	58.69	16.39
#1	.0005	.0008	.0047	.0001	.0012	-.0375	.0295
#2	-.0010	.0001	-.0015	-.0001	.0007	L-.0907	.0234
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	.0050	.0050	.0500	.0050	.0050	.0500	.0500
Low	-.0050	-.0050	-.0500	-.0050	-.0050	-.0500	-.0500
Elem	Ni2316	P_1782	2203/1	2203/2	Pd3404	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	-.0063	-.0031	.0005	-.0005	-.0182	-.0005
SDev	.0002	.0032	.0001	.0006	.0029	.0034	.0004
%RSD	33.49	51.16	4.669	105.8	599.3	18.55	75.92
#1	.0006	-.0040	-.0032	.0009	.0016	-.0159	-.0002
#2	.0004	-.0086	-.0030	.0001	-.0025	L-.0206	-.0008
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.0050	.0100			.0050	.0200	.0100
Low	-.0050	-.0100			-.0050	-.0200	-.0100
Elem	Sc3613	1960/1	1960/2	Si2881	Pb220	Se196	Sn1899

**010194**

Units	%R	ppm	ppm	ppm	ppm	ppm	ppm
Avge	104.2	.0001	.0006	-.0022	-.0007	.0005	.0029
SDev	.4	.0021	.0051	.0027	.0003	.0041	.0016
%RSD	.4260	2323.	812.2	123.0	49.88	896.6	54.83
#1	103.8	.0016	.0042	-.0003	-.0004	.0034	.0040
#2	104.5	-.0014	-.0030	-.0041	-.0009	-.0024	.0018
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High				.0100	.0050	.0050	.0050
Low				-.0100	-.0050	-.0050	-.0050
Elem	Sr4215	Th2837	Ti3349	Tl1908	U_4090	V_2924	W_2079
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.0005	.0010	.0004	.0010	-.0176	.0004	.0005
SDev	.0007	.0025	.0006	.0037	.0069	.0012	.0016
%RSD	135.1	240.8	168.2	366.8	39.18	269.5	300.7
#1	.0010	.0028	.0008	.0036	-.0127	.0013	.0017
#2	.0000	-.0007	-.0001	-.0016	-.0225	-.0004	-.0006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0050	.0100	.0050	.0100	.1000	.0050	.0100
Low	-.0050	-.0100	-.0050	-.0100	-.1000	-.0050	-.0100
Elem	Y_3710	Zn2062	Zr3496				
Units	ppm	ppm	ppm				
Avge	.0005	.0002	.0003				
SDev	.0006	.0005	.0008				
%RSD	122.0	208.5	297.0				
#1	.0010	.0006	.0008				
#2	.0001	-.0001	-.0003				
Errors	LC Pass	LC Pass	LC Pass				
High	.0050	.0050	.0050				
Low	-.0050	-.0050	-.0050				

**010195**

IntStd	1	2	3	4	5	6	7
Mode	*Counts	Time	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Sc	--	--	--	--	--	--
Wavlen	361.384	--	--	--	--	--	--
Avge	1008950	10000	--	--	--	--	--
SDev	4285.067	.0000000	--	--	--	--	--
%RSD	.4247056	.0000000	--	--	--	--	--
#1	1005920	10000	--	--	--	--	--
#2	1011980	10000	--	--	--	--	--

- 200.7 TAP No. 01-0406-028 Rev3/Jan06
- 6010B TAP No. 01-0406-130 Rev5/Jan06
- Other \_\_\_\_\_

QC STD. ID's  
 CCV 07501  
 CRI \_\_\_\_\_  
 ICSA \_\_\_\_\_  
 ICSAB 07501

ICP CAL.STD.  
 ID's **010196**  
 Std0 07501  
 Std1 \_\_\_\_\_  
 Std2 \_\_\_\_\_  
 Std3 \_\_\_\_\_  
 Std4 \_\_\_\_\_  
 Std5 \_\_\_\_\_  
 Std6 07501

PROJ. NO.	PROJECT	TO#	DATE	MATRIX	LOGBK PG
<u>06007.01.222</u>	<u>Div. 20</u>	<u>070125-1</u>	<u>2-12-07</u>	<u>Water</u>	<u>65-269</u>

INSTRUMENT: Spectro FILENAME: 070125-1

 2-12-07

File converted to wsl?

# TRACE METALS PREPARATORY LABORATORY DIGESTION LOG

SOUTHWEST RESEARCH INSTITUTE  
SAN ANTONIO, TEXAS 78228

65 269

BOOK / PAGE: \_\_\_\_\_

010197

CLIENT(S): Div 20

TASK ORDER(S): 070125-1 SDG(S): 292486

PROJECT NO(S): 06002.01.222

METHOD: 3005A  3050B  3050B-7.5  3010A  3020A  7760A  7740A  HClO<sub>4</sub>  HClO<sub>4</sub>/H<sub>2</sub>SO<sub>4</sub>

Microwave  Fusion  Teflon  Rock  OTHER dilutions

MATRIX: Water  Soil  Biota  Solid  Liquid  TCLP Ext  OTHER

INSTRUMENT: GFAA  ICP  ICP-MS  IC  FLAA  HYDRIDE  OTHER

ACID INORG #: HNO<sub>3</sub> # 6316 HCl # 6237 H<sub>2</sub>SO<sub>4</sub> # \_\_\_\_\_ HClO<sub>4</sub> # \_\_\_\_\_ HF # \_\_\_\_\_ H<sub>2</sub>O<sub>2</sub> # \_\_\_\_\_

INTERNAL STD: Sc @ 10 PPM  Be @ 10 PPM  SOURCE: IV INORG# 6322 EXP: 3-1-06 AMT: 25uL/50uL

Oven/Hotplate/ Block ID: N/A Temperature (°C): N/A

Sample Identification	df	WT(g)	I.V.(ml)	F.V.(ml)
pbw-B12H1			5	5
lcsw-B12H1*			5	5
292486	25		0.1	2.5
292487	25		0.1	2.5
292488	25		0.1	2.5
292489	31.25		0.08	2.5
292490	25		0.1	2.5
292491	25		0.1	2.5
292492	25		0.1	2.5
292493	25		0.1	2.5
292494	25		0.1	2.5
292495	25		0.1	2.5
292496	25		0.1	2.5
292497	25		0.1	2.5
292498	25		0.1	2.5
292499	25		0.1	2.5
292500	25		0.1	2.5
292501	25		0.1	2.5
292502	25		0.1	2.5
292503	25		0.1	2.5
292504	25		0.1	2.5

\*20uL Li # 5790 exp. 6/1/07  
 \*20uL ICAL-1 Spex#6164 exp. 10/31/07  
 \*50uL Spike-1 #6163 Exp.10/31/07  
 PBW&LCSW are prepared as 5mls 1%HNO<sub>3</sub>/ 5% HCL

*Samples filtered on 2-12-07  
by DH 2-12-07*

*[Signature]*  
2-12-07

LOCATION: \_\_\_\_\_

PREPARED BY: *[Signature]*  
 REVIEWED BY: *[Signature]*  
 DISPOSAL INT/DATE/LOC: \_\_\_\_\_



DATE: 2-12-07  
 DATE: 2-13-07

Keep last result visible enabled ...

Starting run ...

Creating high priority queue entries ...

BACKGROUND CORRECTED INTENSITIES

Identity 1 : BLK\_SC Identity 2 : Type : STD

Weight : 1.0000 Volume : 1.00 Printed : 3:55:32 PM February 12, 2007

	K_766	Li670	Na589	Sc361
# 1	12.0	-25.5	50.0	2431.5
# 2	25.0	-23.5	86.0	2364.5
Mean	18.5	-24.5	68.0	2398.0
SD	9.2	1.4	25.5	47.4
%RSD	49.7	5.8	37.4	2.0

INTENSITIES

Identity 1 : BLK\_SC Identity 2 : Type : STD

Weight : 1.0000 Volume : 1.00 Printed : 3:55:32 PM February 12, 2007

	K_766	Li670	Na589	Sc361
# 1	0.0	-0.0	0.0	2431.5
# 2	0.0	-0.0	0.0	2364.5
Mean	0.0	-0.0	0.0	2398.0
SD	0.0	0.0	0.0	47.4
%RSD	51.4	3.8	39.3	2.0

BACKGROUND CORRECTED INTENSITIES

Identity 1 : CLP\_STD1\_SC Identity 2 : Type : STD

Weight : 1.0000 Volume : 1.00 Printed : 3:58:34 PM February 12, 2007

	K_766	Li670	Na589
# 1	3015.0	19175.0	16809.5
# 2	2997.0	19094.0	16795.5
Mean	3006.0	19134.5	16802.5
SD	12.7	57.3	9.9
%RSD	0.4	0.3	0.1

INTENSITIES

Identity 1 : CLP\_STD1\_SC Identity 2 : Type : STD

Weight : 1.0000 Volume : 1.00 Printed : 3:58:34 PM February 12, 2007

	K_766	Li670	Na589
# 1	1.2	7.7	6.8
# 2	1.2	7.8	6.8
Mean	1.2	7.7	6.8
SD	0.0	0.0	0.0
%RSD	0.3	0.4	0.7

 2-12-07

  
2/13/07

BACKGROUND CORRECTED INTENSITIES

Identity 1 : CLP\_CCV\_SC Identity 2 : Type : CV  
 Weight : 1.0000 Volume : 1.00 Printed : 4:01:42 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	1179.0	9353.5	9930.5	2404.0	2404.0
# 2	1180.0	9280.5	9928.5	2380.0	2380.0
Mean	1179.5	9317.0	9929.5	2392.0	2392.0
SD	0.7	51.6	1.4	17.0	17.0
%RSD	0.1	0.6	0.0	0.7	0.7

APPARENT CONCENTRATIONS

Identity 1 : CLP\_CCV\_SC Identity 2 : Type : CV  
 Weight : 1.0000 Volume : 1.00 Printed : 4:01:42 PM February 12, 2007

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	19.9953	5.0382	30.3351	2404.000 H	100.2509
# 2	20.2176	5.0493	30.6369	2380.000	99.2473
Mean	20.1065	5.0437	30.4860	2392.000	99.7491
SD	0.1572	0.0078	0.2134	16.971	0.7096
%RSD	0.7816	0.1550	0.7000	0.709	0.7114

Checking calibration verification ...

Identity 1 : CLP\_CCV\_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.106	22.000
Li670	4.500	5.044	5.500
Na589	27.000	30.486	33.000

BACKGROUND CORRECTED INTENSITIES

Identity 1 : Calibration blank Identity 2 : Type : CB  
 Weight : 1.0000 Volume : 1.00 Printed : 4:04:46 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	54.5	-6.0	96.0	2410.5	2410.5
# 2	36.5	-4.0	77.0	2362.5	2362.5
Mean	45.5	-5.0	86.5	2386.5	2386.5
SD	12.7	1.4	13.4	33.9	33.9
%RSD	28.0	28.3	15.5	1.4	1.4

APPARENT CONCENTRATIONS

Identity 1 : Calibration blank Identity 2 : Type : CB  
 Weight : 1.0000 Volume : 1.00 Printed : 4:04:46 PM February 12, 2007

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.6170	0.0100	0.0848	2410.500 H	100.5227
# 2	0.3204	0.0110	0.0313	2362.500	98.5156
Mean	0.4687	0.0105	0.0581	2386.500	99.5191
SD	0.2097	0.0007	0.0378	33.941	1.4192
%RSD	44.7436	6.9267	65.1361	1.422	1.4261

Checking calibration blank ...

Identity 1 : Calibration Blank Identity 2 :  
 Report name CRDL Value  
 K\_766 0.250 0.469 Contaminated  
 Li670 0.010 0.010 Contaminated  
 Na589 0.050 0.058 Contaminated  
 EVOLUTION by Micro-Active Australia Pty Ltd 4:14:22 PM February 12, 2007

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Sc361 0.000 99.519

BACKGROUND CORRECTED INTENSITIES

Identity 1 : CRI Identity 2 : Type : CV  
 Weight : 1.0000 Volume : 1.00 Printed : 4:07:48 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	30.0	190.0	65.5	2494.5	2494.5
# 2	21.0	178.0	25.5	2466.5	2466.5
Mean	25.5	184.0	45.5	2480.5	2480.5
SD	6.4	8.5	28.3	19.8	19.8
%RSD	25.0	4.6	62.2	0.8	0.8

APPARENT CONCENTRATIONS

Identity 1 : CRI Identity 2 : Type : CV  
 Weight : 1.0000 Volume : 1.00 Printed : 4:07:48 PM February 12, 2007

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.1786	0.1116 L	-0.0155	2494.500 H	104.0351
# 2	0.0331	0.1064 L	-0.1332	2466.500 H	102.8643
Mean	0.1059	0.1090 L	-0.0744	2480.500 H	103.4497
SD	0.1029	0.0037	0.0832	19.799	0.8279
%RSD	97.1868	3.3523	111.9078	0.798	0.8003

Checking calibration verification ...

Identity 1 : CRI Identity 2 :  
 Report name Low limit Value High limit  
 Li670 0.090 0.109 0.110

BACKGROUND CORRECTED INTENSITIES

Identity 1 : ICSA Identity 2 : Type : INTRF  
 Weight : 1.0000 Volume : 1.00 Printed : 4:10:52 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	14.0	-32.5	54.0	2333.5	2333.5
# 2	14.0	-27.5	49.0	2342.5	2342.5
Mean	14.0	-30.0	51.5	2338.0	2338.0
SD	0.0	3.5	3.5	6.4	6.4
%RSD	0.0	11.8	6.9	0.3	0.3

APPARENT CONCENTRATIONS

Identity 1 : ICSA Identity 2 : Type : INTRF  
 Weight : 1.0000 Volume : 1.00 Printed : 4:10:52 PM February 12, 2007

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1 L	-0.0710 L	-0.0048 L	-0.0386	2333.500	97.3029
# 2 L	-0.0720 L	-0.0020 L	-0.0550	2342.500	97.6793
Mean L	-0.0715 L	-0.0034 L	-0.0468	2338.000	97.4911
SD	0.0007	0.0020	0.0116	6.364	0.2661
%RSD	0.9439	59.1246	24.8468	0.272	0.2730

BACKGROUND CORRECTED INTENSITIES

Identity 1 : ICSAB Identity 2 : Type : ICSAB  
 Weight : 1.0000 Volume : 1.00 Printed : 4:13:56 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	12.5	1885.5	84.5	2329.5	2329.5
# 2	17.5	1846.5	41.5	2297.5	2297.5

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Mean	15.0	1866.0	63.0	2313.5	2313.5
SD	3.5	27.6	30.4	22.6	22.6
%RSD	23.6	1.5	48.3	1.0	1.0

APPARENT CONCENTRATIONS

Identity 1 : ICSAB Identity 2 : Type : ICSAB  
 Weight : 1.0000 Volume : 1.00 Printed : 4:13:56 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1 L	-0.0973	1.0585	0.0585	2329.500	97.1357
# 2 L	-0.0041	1.0512 L	-0.0761	2297.500	95.7976
Mean L	-0.0507	1.0549 L	-0.0088	2313.500	96.4667
SD	0.0659	0.0052	0.0952	22.627	0.9462
%RSD	130.1165	0.4936	1083.4913	0.978	0.9808

Checking interference check standard ...

Identity 1 : ICSAB Identity 2 :  
 Report name Low limit Value High limit  
 Li670 0.800 1.055 1.200

BACKGROUND CORRECTED INTENSITIES

Identity 1 : CLP\_CCv\_SC Identity 2 : Type : CV  
 Weight : 1.0000 Volume : 1.00 Printed : 4:17:04 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	1227.5	9628.5	10243.0	2477.0	2477.0
# 2	1180.5	9404.5	10053.0	2427.0	2427.0
Mean	1204.0	9516.5	10148.0	2452.0	2452.0
SD	33.2	158.4	134.4	35.4	35.4
%RSD	2.8	1.7	1.3	1.4	1.4

APPARENT CONCENTRATIONS

Identity 1 : CLP\_CCv\_SC Identity 2 : Type : CV  
 Weight : 1.0000 Volume : 1.00 Printed : 4:17:04 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	20.2077	5.0335	30.3678	2477.000 H	103.3034
# 2	19.8284	5.0177	30.4189	2427.000 H	101.2126
Mean	20.0181	5.0256	30.3934	2452.000 H	102.2580
SD	0.2682	0.0112	0.0361	35.355	1.4784
%RSD	1.3397	0.2219	0.1188	1.442	1.4457

Checking calibration verification ...

Identity 1 : CLP\_CCv\_SC Identity 2 :  
 Report name Low limit Value High limit  
 K\_766 18.000 20.018 22.000  
 Li670 4.500 5.026 5.500  
 Na589 27.000 30.393 33.000

BACKGROUND CORRECTED INTENSITIES

Identity 1 : Calibration blank Identity 2 : Type : CB  
 Weight : 1.0000 Volume : 1.00 Printed : 4:20:08 PM February 12, 2007

K_766	Li670	Na589	Sc	Sc361
-------	-------	-------	----	-------

# 1	36.0	-5.0	88.5	2384.0	2384.0
# 2	36.0	-5.0	88.5	2384.0	2384.0
Mean	33.0	-8.0	65.5	2403.0	2403.0
SD	4.2	4.2	32.5	26.9	26.9

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%RSD	12.9	53.0	49.7	1.1	1.1
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APPARENT CONCENTRATIONS

Identity 1 : Calibration blank Identity 2 : Type : CB  
 Weight : 1.0000 Volume : 1.00 Printed : 4:20:08 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.1935	0.0073 L	-0.0799	2422.000 H	101.0036
# 2	0.3059	0.0105	0.0648	2384.000	99.4146
Mean	0.2497	0.0089 L	-0.0076	2403.000 H	100.2091
SD	0.0795	0.0022	0.1023	26.870	1.1236
%RSD	31.8345	25.0595	1354.3897	1.118	1.1212

Checking calibration blank ...

Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	0.250
Li670	0.010	0.009
Na589	0.050	-0.008
Sc361	0.000	100.209

BACKGROUND CORRECTED INTENSITIES

Identity 1 : PBW-B12H1 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 4:23:10 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	35.5	-19.5	46.5	2404.5	2404.5
# 2	17.5	-23.5	58.5	2368.5	2368.5
Mean	26.5	-21.5	52.5	2386.5	2386.5
SD	12.7	2.8	8.5	25.5	25.5
%RSD	48.0	13.2	16.2	1.1	1.1

APPARENT CONCENTRATIONS

Identity 1 : PBW-B12H1 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 4:23:10 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.2920	0.0027 L	-0.0667	2404.500 H	100.2718
# 2 L	-0.0135	0.0004 L	-0.0270	2368.500	98.7665
Mean	0.1392	0.0016 L	-0.0469	2386.500	99.5191
SD	0.2160	0.0017	0.0280	25.456	1.0644
%RSD	155.1413	106.6895	59.8043	1.067	1.0696

BACKGROUND CORRECTED INTENSITIES

Identity 1 : LCSW-B12H1 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 4:26:14 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	1180.0	7449.5	6620.5	2392.0	2392.0
# 2	1170.0	7315.5	6585.5	2350.0	2350.0
Mean	1175.0	7382.5	6603.0	2371.0	2371.0
SD	7.1	94.8	24.7	29.7	29.7
%RSD	0.6	1.3	0.4	1.3	1.3

APPARENT CONCENTRATIONS

Identity 1 : LCSW-B12H1 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 4:26:14 PM February 12, 2007

EVOLUTION by Micro-Active Australia Pty Ltd 4:35:52 PM February 12, 2007

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	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	20.1146	4.0354	20.2562	2392.000	99.7491
# 2	20.3035	4.0336	20.5119	2350.000	97.9929
Mean	20.2090	4.0345	20.3840	2371.000	98.8710
SD	0.1336	0.0012	0.1808	29.698	1.2418
%RSD	0.6611	0.0308	0.8868	1.253	1.2560

BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292486 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 4:29:18 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	386.5	-25.5	179.5	2425.0	2425.0
# 2	376.5	-22.5	178.5	2390.0	2390.0
Mean	381.5	-24.0	179.0	2407.5	2407.5
SD	7.1	2.1	0.7	24.7	24.7
%RSD	1.9	8.8	0.4	1.0	1.0

APPARENT CONCENTRATIONS

Identity 1 : 292486 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 4:29:18 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	6.2824 L	-0.0004	0.3377	2425.000 H	101.1290
# 2	6.2058	0.0010	0.3426	2390.000	99.6655
Mean	6.2441	0.0003	0.3401	2407.500 H	100.3972
SD	0.0542	0.0010	0.0035	24.749	1.0349
%RSD	0.8678	309.0021	1.0232	1.028	1.0308

BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292487 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 4:32:22 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	394.5	-23.5	162.0	2450.0	2450.0
# 2	388.5	-27.5	163.0	2383.0	2383.0
Mean	391.5	-25.5	162.5	2416.5	2416.5
SD	4.2	2.8	0.7	47.4	47.4
%RSD	1.1	11.1	0.4	2.0	2.0

APPARENT CONCENTRATIONS

Identity 1 : 292487 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 4:32:22 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	6.3503	0.0008	0.2793	2450.000 H	102.1744
# 2	6.4335 L	-0.0017	0.2961	2383.000	99.3728
Mean	6.3919 L	-0.0005	0.2877	2416.500 H	100.7736
SD	0.0589	0.0018	0.0119	47.376	1.9810
%RSD	0.9208	394.6085	4.1416	1.961	1.9658

BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292488 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 4:35:24 PM February 12, 2007

010204

	K_766	Li670	Na589	Sc	Sc361
EVOLUTION by Micro-Active Australia Pty Ltd				4:41:52 PM	February 12, 2007
# 1	74.0	-7.5	1860.0	2374.0	2374.0
# 2	56.0	-22.5	1851.0	2355.0	2355.0
Mean	65.0	-15.0	1855.5	2364.5	2364.5
SD	12.7	10.6	6.4	13.4	13.4
%RSD	19.6	70.7	0.3	0.6	0.6

APPARENT CONCENTRATIONS

Identity 1 : 292488 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 4:35:24 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.9716	0.0091	5.5837	2374.000	98.9964
# 2	0.6654	0.0009	5.6022	2355.000	98.2020
Mean	0.8185	0.0050	5.5930	2364.500	98.5992
SD	0.2165	0.0058	0.0131	13.435	0.5618
%RSD	26.4510	117.1424	0.2337	0.568	0.5698

BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292489 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 4:38:28 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	54.0	-37.0	3084.0	2419.5	2419.5
# 2	52.0	-33.0	3048.0	2368.5	2368.5
Mean	53.0	-35.0	3066.0	2394.0	2394.0
SD	1.4	2.8	25.5	36.1	36.1
%RSD	2.7	8.1	0.8	1.5	1.5

APPARENT CONCENTRATIONS

Identity 1 : 292489 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 4:38:28 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.6049 L	-0.0066	9.2155	2419.500 H	100.8990
# 2	0.5899 L	-0.0048	9.3061	2368.500	98.7665
Mean	0.5974 L	-0.0057	9.2608	2394.000	99.8327
SD	0.0107	0.0012	0.0640	36.062	1.5079
%RSD	1.7839	21.8696	0.6915	1.506	1.5105

BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292490 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 4:41:32 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	48.0	-30.5	1927.0	2470.5	2470.5
# 2	50.0	-26.5	1870.0	2394.5	2394.5
Mean	49.0	-28.5	1898.5	2432.5	2432.5
SD	1.4	2.8	40.3	53.7	53.7
%RSD	2.9	9.9	2.1	2.2	2.2

APPARENT CONCENTRATIONS

Identity 1 : 292490 Identity 2 : Type : SAMPLE

010205

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.4852 L	-0.0027	5.5580	2470.500 H	103.0316
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# 2	0.5454 L	-0.0011	5.5650	2394.500	99.8536
Mean	0.5153 L	-0.0019	5.5615	2432.500 H	101.4426
SD	0.0425	0.0012	0.0050	53.740	2.2471
%RSD	8.2526	60.7008	0.0895	2.209	2.2152

BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292491 Identity 2 : Type : SAMPLE  
Weight : 1.0000 Volume : 1.00 Printed : 4:44:36 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	47.5	-16.0	1865.5	2392.5	2392.5
# 2	48.5	-33.0	1832.5	2365.5	2365.5
Mean	48.0	-24.5	1849.0	2379.0	2379.0
SD	0.7	12.0	23.3	19.1	19.1
%RSD	1.5	49.1	1.3	0.8	0.8

APPARENT CONCENTRATIONS

Identity 1 : 292491 Identity 2 : Type : SAMPLE  
Weight : 1.0000 Volume : 1.00 Printed : 4:44:36 PM February 12, 2007

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.5028	0.0046	5.5559	2392.500	99.7700
# 2	0.5297 L	-0.0048	5.5186	2365.500	98.6410
Mean	0.5163 L	-0.0001	5.5372	2379.000	99.2055
SD	0.0190	0.0066	0.0264	19.092	0.7983
%RSD	3.6840	5024.9097	0.4769	0.803	0.8047

BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292492 Identity 2 : Type : SAMPLE  
Weight : 1.0000 Volume : 1.00 Printed : 4:47:40 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	76.5	-20.0	2435.0	2447.5	2447.5
# 2	67.5	-35.0	2391.0	2393.5	2393.5
Mean	72.0	-27.5	2413.0	2420.5	2420.5
SD	6.4	10.6	31.1	38.2	38.2
%RSD	8.8	38.6	1.3	1.6	1.6

APPARENT CONCENTRATIONS

Identity 1 : 292492 Identity 2 : Type : SAMPLE  
Weight : 1.0000 Volume : 1.00 Printed : 4:47:40 PM February 12, 2007

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.9752	0.0026	7.1469	2447.500 H	102.0698
# 2	0.8486 L	-0.0057	7.1770	2393.500	99.8118
Mean	0.9119 L	-0.0015	7.1619	2420.500 H	100.9408
SD	0.0895	0.0059	0.0212	38.184	1.5966
%RSD	9.8129	386.4531	0.2966	1.578	1.5818

BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292493 Identity 2 : Type : SAMPLE  
Weight : 1.0000 Volume : 1.00 Printed : 4:50:44 PM February 12, 2007

010206

	K_766	Li670	Na589	Sc	Sc361
# 1	54.5	-24.0	2391.5	2367.5	2367.5
# 2	60.5	-31.0	2397.5	2375.5	2375.5

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Mean	57.5	-27.5	2394.5	2371.5	2371.5
SD	4.2	4.9	4.2	5.7	5.7
%RSD	7.4	18.0	0.2	0.2	0.2

APPARENT CONCENTRATIONS

Identity 1 : 292493 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 4:50:44 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.6340	0.0001	7.2596	2367.500	98.7246
# 2	0.7354 L	-0.0037	7.2532	2375.500	99.0592
Mean	0.6847 L	-0.0018	7.2564	2371.500	98.8919
SD	0.0717	0.0027	0.0046	5.657	0.2365
%RSD	10.4733	149.5952	0.0631	0.239	0.2392

BACKGROUND CORRECTED INTENSITIES

Identity 1 : CLP\_CCv\_SC Identity 2 : Type : CV  
 Weight : 1.0000 Volume : 1.00 Printed : 4:53:48 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	1201.0	9430.0	10078.0	2419.5	2419.5
# 2	1155.0	9266.0	9887.0	2381.5	2381.5
Mean	1178.0	9348.0	9982.5	2400.5	2400.5
SD	32.5	116.0	135.1	26.9	26.9
%RSD	2.8	1.2	1.4	1.1	1.1

APPARENT CONCENTRATIONS

Identity 1 : CLP\_CCv\_SC Identity 2 : Type : CV  
 Weight : 1.0000 Volume : 1.00 Printed : 4:53:48 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	20.2418	5.0468	30.5902	2419.500 H	100.8990
# 2	19.7698	5.0382	30.4887	2381.500	99.3101
Mean	20.0058	5.0425	30.5395	2400.500 H	100.1045
SD	0.3338	0.0061	0.0718	26.870	1.1236
%RSD	1.6683	0.1209	0.2352	1.119	1.1224

Checking calibration verification ...

Identity 1 : CLP\_CCv\_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	20.006	22.000
Li670	4.500	5.043	5.500
Na589	27.000	30.539	33.000

BACKGROUND CORRECTED INTENSITIES

Identity 1 : Calibration blank Identity 2 : Type : CB  
 Weight : 1.0000 Volume : 1.00 Printed : 4:56:50 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	27.0	-4.0	83.0	2390.5	2390.5
# 2	31.0	-3.0	81.0	2372.5	2372.5
Mean	29.0	-3.5	82.0	2381.5	2381.5
SD	2.8	0.7	1.4	12.7	12.7

APPARENT CONCENTRATIONS

Identity 1 : Calibration blank Identity 2 : Type : CB  
 Weight : 1.0000 Volume : 1.00 Printed : 4:56:50 PM February 12, 2007  
 EVOLUTION by Micro-Active Australia Pty Ltd 5:03:24 PM February 12, 2007

010207

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.1483	0.0110	0.0471	2390.500	99.6854
# 2	0.2217	0.0116	0.0428	2372.500	98.9337
Mean	0.1850	0.0113	0.0449	2381.500	99.3101
SD	0.0519	0.0004	0.0030	12.728	0.5322
%RSD	28.0525	3.3044	6.7470	0.534	0.5359

Checking calibration blank ...

Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value	
K_766	0.250	0.185	
Li670	0.010	0.011	Contaminated
Na589	0.050	0.045	
Sc361	0.000	99.310	

BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292494 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 4:59:54 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	48.0	-35.0	2037.0	2399.0	2399.0
# 2	45.0	-34.0	2046.0	2387.0	2387.0
Mean	46.5	-34.5	2041.5	2393.0	2393.0
SD	2.1	0.7	6.4	8.5	8.5
%RSD	4.6	2.0	0.3	0.4	0.4

APPARENT CONCENTRATIONS

Identity 1 : 292494 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 4:59:54 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.5092 L	-0.0056	6.0689	2399.000 H	100.0418
# 2	0.4613 L	-0.0052	6.1283	2387.000	99.5400
Mean	0.4853 L	-0.0054	6.0986	2393.000	99.7909
SD	0.0339	0.0003	0.0420	8.485	0.3548
%RSD	6.9786	5.8187	0.6892	0.355	0.3556

BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292495 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:02:58 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	35.0	-16.0	1830.5	2386.5	2386.5
# 2	53.0	-20.0	1868.5	2380.5	2380.5
Mean	44.0	-18.0	1849.5	2383.5	2383.5
SD	12.7	2.8	26.9	4.2	4.2
%RSD	28.9	15.7	1.5	0.2	0.2

APPARENT CONCENTRATIONS

Identity 1 : 292495 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:02:58 PM February 12, 2007

010208

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.2879	0.0045	5.4620	2386.500	99.5191
# 2	0.6027	0.0023	5.5943	2380.500	99.2682

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Mean	0.4453	0.0034	5.5281	2383.500	99.3937
SD	0.2226	0.0015	0.0936	4.243	0.1774
%RSD	49.9790	45.0517	1.6927	0.178	0.1785

## BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292496 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:06:02 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	36.0	-23.5	1901.5	2437.0	2437.0
# 2	43.0	-11.5	1880.5	2375.0	2375.0
Mean	39.5	-17.5	1891.0	2406.0	2406.0
SD	4.9	8.5	14.8	43.8	43.8
%RSD	12.5	48.5	0.8	1.8	1.8

## APPARENT CONCENTRATIONS

Identity 1 : 292496 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:06:02 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.2923	0.0007	5.5599	2437.000 H	101.6308
# 2	0.4304	0.0069	5.6451	2375.000	99.0383
Mean	0.3614	0.0038	5.6025	2406.000 H	100.3345
SD	0.0976	0.0044	0.0603	43.841	1.8332
%RSD	27.0150	114.1363	1.0758	1.822	1.8271

## BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292497 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:09:06 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	32.5	-26.0	1883.0	2392.0	2392.0
# 2	39.5	-42.0	1830.0	2365.0	2365.0
Mean	36.0	-34.0	1856.5	2378.5	2378.5
SD	4.9	11.3	37.5	19.1	19.1
%RSD	13.7	33.3	2.0	0.8	0.8

## APPARENT CONCENTRATIONS

Identity 1 : 292497 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:09:06 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.2432 L	-0.0008	5.6112	2392.000	99.7491
# 2	0.3723 L	-0.0097	5.5120	2365.000	98.6201
Mean	0.3078 L	-0.0053	5.5616	2378.500	99.1846
SD	0.0912	0.0063	0.0702	19.092	0.7983
%RSD	29.6460	118.8930	1.2619	0.803	0.8049

## BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292498 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:12:10 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
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# 1	41.0	-15.5	1867.5	2352.0	2352.0
# 2	36.5	-10.5	1848.5	2328.0	2328.0
Mean	41.0	-15.5	1867.5	2352.0	2352.0
SD	6.4	7.1	26.9	33.9	33.9

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010209

%RSD	15.5	45.6	1.4	1.4	1.4
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APPARENT CONCENTRATIONS

Identity 1 : 292498 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:12:10 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.4737	0.0021	5.6613	2376.000	99.0801
# 2	0.3299	0.0074	5.6617	2328.000	97.0730
Mean	0.4018	0.0047	5.6615	2352.000	98.0765
SD	0.1017	0.0038	0.0002	33.941	1.4192
%RSD	25.3051	79.8200	0.0044	1.443	1.4471

BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292499 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:15:12 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	94.5	-21.0	3061.0	2405.0	2405.0
# 2	100.5	-34.0	3006.0	2374.0	2374.0
Mean	97.5	-27.5	3033.5	2389.5	2389.5
SD	4.2	9.2	38.9	21.9	21.9
%RSD	4.4	33.4	1.3	0.9	0.9

APPARENT CONCENTRATIONS

Identity 1 : 292499 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:15:12 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	1.3081	0.0019	9.2016	2405.000 H	100.2927
# 2	1.4340 L	-0.0053	9.1532	2374.000	98.9964
Mean	1.3710 L	-0.0017	9.1774	2389.500	99.6446
SD	0.0891	0.0051	0.0342	21.920	0.9166
%RSD	6.4956	301.7431	0.3730	0.917	0.9199

BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292500 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:18:16 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	83.5	-17.5	2628.5	2401.0	2401.0
# 2	80.5	-29.5	2541.5	2367.0	2367.0
Mean	82.0	-23.5	2585.0	2384.0	2384.0
SD	2.1	8.5	61.5	24.0	24.0
%RSD	2.6	36.1	2.4	1.0	1.0

APPARENT CONCENTRATIONS

Identity 1 : 292500 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:18:16 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	1.1210	0.0038	7.3853	2401.000 H	100.1254

# 2 1.0022 L 0.0023 7.7235 2357.000 98.7037

Mean	1.1051	0.0004	7.8076	2384.000	99.4146
SD	0.0225	0.0047	0.1100	24.042	1.0053
%RSD	2.0353	1072.9285	1.4084	1.008	1.0112

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010210

BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292501 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:21:20 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	40.0	-14.5	1860.0	2368.5	2368.5
# 2	42.0	-14.5	1796.0	2333.5	2333.5
Mean	41.0	-14.5	1828.0	2351.0	2351.0
SD	1.4	0.0	45.3	24.7	24.7
%RSD	3.4	0.0	2.5	1.1	1.1

APPARENT CONCENTRATIONS

Identity 1 : 292501 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:21:20 PM February 12, 2007

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.3800	0.0053	5.5972	2368.500	98.7665
# 2	0.4260	0.0052	5.4815	2333.500	97.3029
Mean	0.4030	0.0052	5.5393	2351.000	98.0347
SD	0.0325	0.0001	0.0818	24.749	1.0349
%RSD	8.0705	1.6036	1.4770	1.053	1.0556

BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292502 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:24:22 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	73.5	-18.0	2742.0	2374.0	2374.0
# 2	71.5	-36.0	2684.0	2357.0	2357.0
Mean	72.5	-27.0	2713.0	2365.5	2365.5
SD	1.4	12.7	41.0	12.0	12.0
%RSD	2.0	47.1	1.5	0.5	0.5

APPARENT CONCENTRATIONS

Identity 1 : 292502 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:24:22 PM February 12, 2007

	K_766 ppm	Li670 ppm	Na589 ppm	Sc	Sc361 ppm
# 1	0.9629	0.0034	8.3309	2374.000	98.9964
# 2	0.9370 L	-0.0065	8.2105	2357.000	98.2856
Mean	0.9499 L	-0.0016	8.2707	2365.500	98.6410
SD	0.0183	0.0070	0.0851	12.021	0.5026
%RSD	1.9278	449.0917	1.0290	0.508	0.5096

BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292503 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:27:26 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	298.5	-6.0	2844.5	2375.5	2375.5
# 2	290.5	-26.0	2821.5	2328.5	2328.5

Mean	232.0	232.0	232.0	232.0	232.0
SD	5.7	14.1	16.3	33.2	33.2
%RSD	1.9	88.4	0.6	1.4	1.4

APPARENT CONCENTRATIONS

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Identity 1 : 292503 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:27:26 PM February 12, 2007

010211

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	4.8855	0.0099	8.6446	2375.500	99.0592
# 2	4.8482 L	-0.0012	8.7503	2328.500	97.0939
Mean	4.8669	0.0044	8.6974	2352.000	98.0765
SD	0.0263	0.0079	0.0747	33.234	1.3897
%RSD	0.5412	181.2404	0.8592	1.413	1.4169

BACKGROUND CORRECTED INTENSITIES

Identity 1 : CLP\_CCY\_SC Identity 2 : Type : CV  
 Weight : 1.0000 Volume : 1.00 Printed : 5:30:30 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	1178.5	9416.0	10013.0	2424.0	2424.0
# 2	1182.5	9337.0	9970.0	2409.0	2409.0
Mean	1180.5	9376.5	9991.5	2416.5	2416.5
SD	2.8	55.9	30.4	10.6	10.6
%RSD	0.2	0.6	0.3	0.4	0.4

APPARENT CONCENTRATIONS

Identity 1 : CLP\_CCY\_SC Identity 2 : Type : CV  
 Weight : 1.0000 Volume : 1.00 Printed : 5:30:30 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	19.8192	5.0300	30.3348	2424.000 H	101.0872
# 2	20.0134	5.0189	30.3930	2409.000 H	100.4600
Mean	19.9163	5.0245	30.3639	2416.500 H	100.7736
SD	0.1373	0.0079	0.0412	10.607	0.4435
%RSD	0.6894	0.1564	0.1355	0.439	0.4401

Checking calibration verification ...

Identity 1 : CLP\_CCY\_SC Identity 2 :  
 Report name Low limit Value High limit  
 K\_766 18.000 19.916 22.000  
 Li670 4.500 5.024 5.500  
 Na589 27.000 30.364 33.000

BACKGROUND CORRECTED INTENSITIES

Identity 1 : Calibration blank Identity 2 : Type : CB  
 Weight : 1.0000 Volume : 1.00 Printed : 5:33:32 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	32.0	-16.5	76.0	2377.0	2377.0
# 2	47.0	-10.5	62.0	2348.0	2348.0
Mean	39.5	-13.5	69.0	2362.5	2362.5
SD	10.6	4.2	9.9	20.5	20.5
%RSD	26.9	31.4	14.3	0.9	0.9

APPARENT CONCENTRATIONS

Identity 1 : Calibration blank Identity 2 : Type : CB  
 Weight : 1.0000 Volume : 1.00 Printed : 5:33:32 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.2381	0.0042	0.0267	2377.000	99.1219
# 2	0.5096	0.0074 L	-0.0144	2348.000	97.9093

EVOLUTION by Micro-Active Australia Pty Ltd 5:39:56 PM February 12, 2007

010212

Mean	0.3738	0.0058	0.0062	2362.500	98.5156
SD	0.1920	0.0023	0.0291	20.506	0.8575
%RSD	51.3562	38.7193	473.0155	0.868	0.8704

Checking calibration blank ...

Report name	CRDL	Value	
K_766	0.250	0.374	Contaminated
Li670	0.010	0.006	
Na589	0.050	0.006	
Sc361	0.000	98.516	

BACKGROUND CORRECTED INTENSITIES

Identity 1 : 292504 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:36:42 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	422.0	-13.5	2163.5	2367.0	2367.0
# 2	410.0	-18.5	2138.5	2315.0	2315.0
Mean	416.0	-16.0	2151.0	2341.0	2341.0
SD	8.5	3.5	17.7	36.8	36.8
%RSD	2.0	22.1	0.8	1.6	1.6

APPARENT CONCENTRATIONS

Identity 1 : 292504 Identity 2 : Type : SAMPLE  
 Weight : 1.0000 Volume : 1.00 Printed : 5:36:42 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	7.0654	0.0058	6.5490	2367.000	98.7037
# 2	7.0166	0.0029	6.6209	2315.000	96.5294
Mean	7.0410	0.0044	6.5849	2341.000	97.6166
SD	0.0345	0.0021	0.0509	36.770	1.5375
%RSD	0.4904	48.0142	0.7727	1.571	1.5751

BACKGROUND CORRECTED INTENSITIES

Identity 1 : CRI Identity 2 : Type : CV  
 Weight : 1.0000 Volume : 1.00 Printed : 5:39:46 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	25.5	163.0	57.0	2454.5	2454.5
# 2	30.5	183.0	65.0	2440.5	2440.5
Mean	28.0	173.0	61.0	2447.5	2447.5
SD	3.5	14.1	5.7	9.9	9.9
%RSD	12.6	8.2	9.3	0.4	0.4

APPARENT CONCENTRATIONS

Identity 1 : CRI Identity 2 : Type : CV  
 Weight : 1.0000 Volume : 1.00 Printed : 5:39:46 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.1108	0.0990 L	-0.0380	2454.500 H	102.3625
# 2	0.1981	0.1100 L	-0.0127	2440.500 H	101.7771

Mean	0.1344	0.1043 L	0.0234	2447.500 H	102.0098
SD	0.0618	0.0078	0.0178	9.899	0.4139
%RSD	39.9848	7.4946	70.3506	0.404	0.4056

EVOLUTION by Micro-Active Australia Pty Ltd 5:49:24 PM February 12, 2007

010213

Checking calibration verification ...

Identity 1 : CRI Identity 2 :

Report name	Low limit	Value	High limit
Li670	0.090	0.105	0.110

BACKGROUND CORRECTED INTENSITIES

Identity 1 : ICSA Identity 2 : Type : INTRF

Weight : 1.0000 Volume : 1.00 Printed : 5:42:50 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	40.0	-21.5	33.0	2347.5	2347.5
# 2	29.0	-30.5	54.0	2318.5	2318.5
Mean	34.5	-26.0	43.5	2333.0	2333.0
SD	7.8	6.4	14.8	20.5	20.5
%RSD	22.5	24.5	34.1	0.9	0.9

APPARENT CONCENTRATIONS

Identity 1 : ICSA Identity 2 : Type : INTRF

Weight : 1.0000 Volume : 1.00 Printed : 5:42:50 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.3862	0.0014 L	-0.1057	2347.500	97.8884
# 2	0.1986 L	-0.0038 L	-0.0375	2318.500	96.6757
Mean	0.2924 L	-0.0012 L	-0.0716	2333.000	97.2820
SD	0.1327	0.0036	0.0483	20.506	0.8575
%RSD	45.3907	300.6173	67.4293	0.879	0.8814

BACKGROUND CORRECTED INTENSITIES

Identity 1 : ICSAB Identity 2 : Type : ICSAB

Weight : 1.0000 Volume : 1.00 Printed : 5:45:54 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	17.5	1851.0	64.5	2284.0	2284.0
# 2	21.5	1810.0	59.5	2250.0	2250.0
Mean	19.5	1830.5	62.0	2267.0	2267.0
SD	2.8	29.0	3.5	24.0	24.0
%RSD	14.5	1.6	5.7	1.1	1.1

APPARENT CONCENTRATIONS

Identity 1 : ICSAB Identity 2 : Type : ICSAB

Weight : 1.0000 Volume : 1.00 Printed : 5:45:54 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1 L	-0.0022	1.0599 L	-0.0009	2284.000	95.2331
# 2	0.0763	1.0521 L	-0.0141	2250.000	93.8114
Mean	0.0370	1.0560 L	-0.0075	2267.000	94.5223
SD	0.0555	0.0055	0.0094	24.042	1.0053
%RSD	149.7682	0.5168	125.1112	1.061	1.0636

Checking interference check standard ...

Identity 1 : ICSAB Identity 2 :

Report name	Low limit	Value	High limit
Li670	0.600	1.056	1.200

BACKGROUND CORRECTED INTENSITIES

Identity 1 : CLP\_CCY\_SC Identity 2 : Type : CV  
 Weight : 1.0000 Volume : 1.00 Printed : 5:48:56 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
EVOLUTION by Micro-Active Australia Pty Ltd				5:59:24 PM	February 12, 2007
# 1	1186.0	9419.5	10013.5	2423.0	2423.0
# 2	1159.0	9250.5	9858.5	2371.0	2371.0
Mean	1172.5	9335.0	9936.0	2397.0	2397.0
SD	19.1	119.5	109.6	36.8	36.8
%RSD	1.6	1.3	1.1	1.5	1.5

010214

APPARENT CONCENTRATIONS

Identity 1 : CLP\_CCY\_SC Identity 2 : Type : CV  
 Weight : 1.0000 Volume : 1.00 Printed : 5:48:56 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	19.9557	5.0340	30.3489	2423.000 H	101.0454
# 2	19.9287	5.0520	30.5357	2371.000	98.8710
Mean	19.9422	5.0430	30.4423	2397.000	99.9582
SD	0.0191	0.0128	0.1321	36.770	1.5375
%RSD	0.0958	0.2532	0.4339	1.534	1.5382

Checking calibration verification ...

Identity 1 : CLP\_CCY\_SC Identity 2 :

Report name	Low limit	Value	High limit
K_766	18.000	19.942	22.000
Li670	4.500	5.043	5.500
Na589	27.000	30.442	33.000

BACKGROUND CORRECTED INTENSITIES

Identity 1 : Calibration blank Identity 2 : Type : CB  
 Weight : 1.0000 Volume : 1.00 Printed : 5:52:00 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
# 1	27.0	-14.5	73.5	2377.0	2377.0
# 2	29.0	-9.5	76.5	2338.0	2338.0
Mean	28.0	-12.0	75.0	2357.5	2357.5
SD	1.4	3.5	2.1	27.6	27.6
%RSD	5.1	29.5	2.8	1.2	1.2

APPARENT CONCENTRATIONS

Identity 1 : Calibration blank Identity 2 : Type : CB  
 Weight : 1.0000 Volume : 1.00 Printed : 5:52:00 PM February 12, 2007

	K_766	Li670	Na589	Sc	Sc361
	ppm	ppm	ppm		ppm
# 1	0.1509	0.0053	0.0190	2377.000	99.1219
# 2	0.1942	0.0079	0.0323	2338.000	97.4911
Mean	0.1726	0.0066	0.0256	2357.500	98.3065
SD	0.0306	0.0019	0.0094	27.577	1.1531
%RSD	17.7332	28.0470	36.7236	1.170	1.1730

Checking calibration blank ...

Identity 1 : Calibration blank Identity 2 :

Report name	CRDL	Value
K_766	0.250	0.173
Li670	0.010	0.007
Na589	0.050	0.026

DIV 20  
06002.01.222  
TO# 07125-1

0 RSS 2/2/07

V. WOODRUFF A. NAGGI  
02/21/07

Analyst: RSS  
Method: 300  
Sig Fig: 3

RSS

010215

Date Analyzed

Date Analyzed	System ID	Analyte	Conc. ug/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
01/31/07	CCV (LCS)	Fluoride	98380.217	98.4		2	100	98.4%
01/31/07	CCV (LCS)	Chloride	201714.319	202		2	200	101%
01/31/07	CCV (LCS)	Nitrite-N	118302.317	118		2	118	100%
01/31/07	CCV (LCS)	Bromide	401780.692	402		2	400	101%
01/31/07	CCV (LCS)	Nitrate-N	90950.983	91.0		2	90.4	101%
01/31/07	CCV (LCS)	Phosphate-P	195167.972	195		2	196	99.5%
01/31/07	CCV (LCS)	Sulfate	407211.763	407		2	400	102%
01/31/07	CCB (PB)	Fluoride	0.000	1 U		1		
01/31/07	CCB (PB)	Chloride	0.000	1 U		1		
01/31/07	CCB (PB)	Nitrite-N	0.000	1 U		1		
01/31/07	CCB (PB)	Bromide	0.000	1 U		1		
01/31/07	CCB (PB)	Nitrate-N	0.000	1 U		1		
01/31/07	CCB (PB)	Phosphate-P	0.000	1 U		1		
01/31/07	CCB (PB)	Sulfate	0.000	1 U		1		
01/31/07	292495	Fluoride	7655.095	7.66		1		
01/31/07	292495	Chloride	41668.085	41.7		1		
01/31/07	292495	Nitrite-N	0.000	1 U		1		
01/31/07	292495	Bromide	0.000	1 U		1		
01/31/07	292495	Nitrate-N	516084.419	516		10		
01/31/07	292495	Phosphate-P	0.000	1 U		1		
01/31/07	292496	Fluoride	7476.547	7.48		1		
01/31/07	292496	Chloride	45523.589	45.5		1		
01/31/07	292496	Nitrite-N	0.000	1 U		1		
01/31/07	292496	Bromide	0.000	1 U		1		
01/31/07	292496	Nitrate-N	736.646	1 U		1		
01/31/07	292496	Phosphate-P	0.000	1 U		1		
01/31/07	292496	Sulfate	36581.695	36.6		1		
01/31/07	292497	Fluoride	6627.090	6.63		1		
01/31/07	292497	Chloride	42938.422	42.9		1		
01/31/07	292497	Nitrite-N	0.000	1 U		1		
01/31/07	292497	Bromide	0.000	1 U		1		
01/31/07	292497	Nitrate-N	461.008	1 U		1		
01/31/07	292497	Phosphate-P	0.000	1 U		1		
01/31/07	292497	Sulfate	36159.156	36.2		1		
01/31/07	292498	Fluoride	6978.074	6.98		1		
01/31/07	292498	Chloride	44881.475	44.9		1		
01/31/07	292498	Nitrite-N	0.000	1 U		1		
01/31/07	292498	Bromide	0.000	1 U		1		
01/31/07	292498	Nitrate-N	437714.707	438		10		
01/31/07	292498	Phosphate-P	0.000	1 U		1		
01/31/07	292499	Fluoride	7886.414	7.89		1		
01/31/07	292499	Chloride	66539.413	66.5		1		
01/31/07	292499	Nitrite-N	0.000	1 U		1		
01/31/07	292499	Bromide	0.000	1 U		1		
01/31/07	292499	Nitrate-N	518.544	1 U		1		
01/31/07	292499	Phosphate-P	0.000	1 U		1		
01/31/07	292499	Sulfate	42608.426	42.6		1		
01/31/07	292500	Fluoride	8232.142	8.23		1		
01/31/07	292500	Chloride	68823.337	68.8		1		
01/31/07	292500	Nitrite-N	0.000	1 U		1		
01/31/07	292500	Bromide	0.000	1 U		1		

U = Undetected

DIV 20  
06002.01.222  
TO# 07125-1

Analyst: RSS  
Method: 300  
Sig Fig: 3

010216

Date Analyzed	System ID	Analyte	Conc. ug/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
01/31/07	292500	Nitrate-N	647116.124	647		1		
01/31/07	292500	Phosphate-P	0.000	1	U	1		
01/31/07	292501	Fluoride	6703.320	6.70		1		
01/31/07	292501	Chloride	43479.715	43.5		1		
01/31/07	292501	Nitrite-N	0.000	1	U	1		
01/31/07	292501	Bromide	0.000	1	U	1		
01/31/07	292501	Nitrate-N	670.696	1	U	1		
01/31/07	292501	Phosphate-P	0.000	1	U	1		
01/31/07	292501	Sulfate	36764.688	36.8		1		
01/31/07	292502	Fluoride	11744.706	11.7		1		
01/31/07	292502	Chloride	75359.074	75.4		1		
01/31/07	292502	Nitrite-N	0.000	1	U	1		
01/31/07	292502	Bromide	0.000	1	U	1		
01/31/07	292502	Nitrate-N	1890.761	1.89		1		
01/31/07	292502	Phosphate-P	0.000	1	U	1		
01/31/07	292502	Sulfate	53832.780	53.8		1		
01/31/07	292503	Fluoride	9397.554	9.40		1		
01/31/07	292503	Chloride	148632.740	149		1		
01/31/07	292503	Nitrite-N	0.000	1	U	1		
01/31/07	292503	Bromide	0.000	1	U	1		
01/31/07	292503	Nitrate-N	2488.889	2.49		1		
01/31/07	292503	Phosphate-P	0.000	1	U	1		
01/31/07	292503	Sulfate	56712.559	56.7		1		
01/31/07	292504	Fluoride	7541.451	7.54		1		
01/31/07	292504	Chloride	181507.510	182		1		
01/31/07	292504	Nitrite-N	0.000	1	U	1		
01/31/07	292504	Bromide	0.000	1	U	1		
01/31/07	292504	Nitrate-N	2008.458	2.01		1		
01/31/07	292504	Phosphate-P	0.000	1	U	1		
01/31/07	292504	Sulfate	41476.180	41.5		1		
02/01/07	ICV (LCS)	Fluoride	98802.989	98.8		2	100	98.8%
02/01/07	ICV (LCS)	Chloride	200306.369	200		2	200	100%
02/01/07	ICV (LCS)	Nitrite-N	119556.894	120		2	118	102%
02/01/07	ICV (LCS)	Bromide	396274.770	396		2	400	99.0%
02/01/07	ICV (LCS)	Nitrate-N	89903.960	89.9		2	90.4	99.4%
02/01/07	ICV (LCS)	Phosphate-P	190611.571	191		2	196	97.4%
02/01/07	ICV (LCS)	Sulfate	400722.975	401		2	400	100%
02/01/07	Filter Blank(PB)	Fluoride	0.000	1	U	1		
02/01/07	Filter Blank(PB)	Chloride	557.123	1	U	1		
02/01/07	Filter Blank(PB)	Nitrite-N	0.000	1	U	1		
02/01/07	Filter Blank(PB)	Bromide	0.000	1	U	1		
02/01/07	Filter Blank(PB)	Nitrate-N	0.000	1	U	1		
02/01/07	Filter Blank(PB)	Phosphate-P	0.000	1	U	1		
02/01/07	Filter Blank(PB)	Sulfate	0.000	1	U	1		
02/01/07	292486	Fluoride	0.000	1	U	1		
02/01/07	292486	Chloride	149907.821	150		1		
02/01/07	292486	Nitrite-N	0.000	1	U	1		
02/01/07	292486	Bromide	0.000	1	U	1		
02/01/07	292486	Nitrate-N	0.000	1	U	1		
02/01/07	292486	Phosphate-P	0.000	1	U	1		
02/01/07	292486	Sulfate	1192.656	1.19		1		

U = Undetected

DIV 20  
06002.01.222  
TO# 07125-1

Analyst: RSS  
Method: 300  
Sig Fig: 3

010217

Date Analyzed	System ID	Analyte	Conc. ug/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
02/01/07	292487	Fluoride	0.000	1	U	1		
02/01/07	292487	Chloride	153546.934	154		1		
02/01/07	292487	Nitrite-N	0.000	1	U	1		
02/01/07	292487	Bromide	0.000	1	U	1		
02/01/07	292487	Nitrate-N	663855.925	664		10		
02/01/07	292487	Phosphate-P	0.000	1	U	1		
02/01/07	292488	Fluoride	7175.517	7.18		1		
02/01/07	292488	Chloride	39733.038	39.7		1		
02/01/07	292488	Nitrite-N	0.000	1	U	1		
02/01/07	292488	Bromide	0.000	1	U	1		
02/01/07	292488	Nitrate-N	821.038	1	U	1		
02/01/07	292488	Phosphate-P	0.000	1	U	1		
02/01/07	292488	Sulfate	35314.743	35.3		1		
02/01/07	292489	Fluoride	6041.399	6.04		2		
02/01/07	292489	Chloride	40549.968	40.5		2		
02/01/07	292489	Nitrite-N	0.000	2	U	2		
02/01/07	292489	Bromide	0.000	2	U	2		
02/01/07	292489	Nitrate-N	744821.422	745		10		
02/01/07	292489	Phosphate-P	0.000	2	U	2		
02/01/07	292490	Fluoride	7225.093	7.23		1		
02/01/07	292490	Chloride	40668.890	40.7		1		
02/01/07	292490	Nitrite-N	0.000	1	U	1		
02/01/07	292490	Bromide	0.000	1	U	1		
02/01/07	292490	Nitrate-N	729.665	1	U	1		
02/01/07	292490	Phosphate-P	0.000	1	U	1		
02/01/07	292490	Sulfate	35947.542	35.9		1		
02/01/07	292491	Fluoride	6726.004	6.73		1		
02/01/07	292491	Chloride	43103.450	43.1		1		
02/01/07	292491	Nitrite-N	0.000	1	U	1		
02/01/07	292491	Bromide	0.000	1	U	1		
02/01/07	292491	Nitrate-N	441832.944	442		10		
02/01/07	292491	Phosphate-P	0.000	1	U	1		
02/01/07	292492	Fluoride	6334.111	6.33		1		
02/01/07	292492	Chloride	54891.222	54.9		1		
02/01/07	292492	Nitrite-N	0.000	1	U	1		
02/01/07	292492	Bromide	0.000	1	U	1		
02/01/07	292492	Nitrate-N	683.720	1	U	1		
02/01/07	292492	Phosphate-P	0.000	1	U	1		
02/01/07	292492	Sulfate	42169.218	42.2		1		
02/01/07	292493	Fluoride	7896.633	7.90		2		
02/01/07	292493	Chloride	58567.809	58.6		2		
02/01/07	292493	Nitrite-N	0.000	2	U	2		
02/01/07	292493	Bromide	0.000	2	U	2		
02/01/07	292493	Nitrate-N	689327.454	689		10		
02/01/07	292493	Phosphate-P	0.000	2	U	2		
02/01/07	292494	Fluoride	6240.588	6.24		1		
02/01/07	292494	Chloride	37873.475	37.9		1		
02/01/07	292494	Nitrite-N	0.000	1	U	1		
02/01/07	292494	Bromide	0.000	1	U	1		
02/01/07	292494	Nitrate-N	645.023	1	U	1		
02/01/07	292494	Phosphate-P	0.000	1	U	1		

U = Undetected

DIV 20  
06002.01.222  
TO# 07125-1

Analyst: RSS  
Method: 300  
Sig Fig: 3

010218

Date Analyzed	System ID	Analyte	Conc. ug/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
02/01/07	292494	Sulfate	36091.609	36.1		1		
02/01/07	ICV (LCS)	Sulfate	399645.080	400		2	400	100%
02/01/07	PB (Blank)	Sulfate	0.000	0.1	U	0.1		
02/01/07	292487	Sulfate	2781.534	2.78		2		
02/01/07	292489	Sulfate	*NR	2	U	2		
02/01/07	292491	Sulfate	36946.641	36.9		2		
02/01/07	292493	Sulfate	43018.481	43.0		2		
02/01/07	292495	Sulfate	37537.528	37.5		2		
02/01/07	292498	Sulfate	40062.741	40.1		2		
02/01/07	292500	Sulfate	44803.318	44.8		2		

\*NR - Not reported due to insufficient sample volume.  
No sample QC was performed due to insufficient  
Samples were filtered using a 0.45um filter.

U = Undetected

Line	Sample	Sample Type	Level	Method	Data File	Dilution
1	⊕ICV - bac injection	Sample		anions061121.met	070131_001.dxd	20
2	ICB	Sample		anions061121.met	070131_002.dxd	1
3	FILTER BLK - DH	Sample		anions061121.met	070131_003.dxd	10
4	292486 DF10	Sample		anions061121.met	070131_004.dxd	10
5	292487 DF10	Sample		anions061121.met	070131_005.dxd	10
6	292488 DF10	Sample		anions061121.met	070131_006.dxd	10
7	292489 DF10	Sample		anions061121.met	070131_007.dxd	10
8	292490 DF10	Sample		anions061121.met	070131_008.dxd	10
9	292491 DF10	Sample		anions061121.met	070131_009.dxd	10
10	292492 DF10	Sample		anions061121.met	070131_010.dxd	10
11	292493 DF10	Sample		anions061121.met	070131_011.dxd	10
12	292494 DF10	Sample		anions061121.met	070131_012.dxd	10
13	CCV	Sample		anions061121.met	070131_013.dxd	20
14	CCB	Sample		anions061121.met	070131_014.dxd	1
15	292495 DF10 †	Sample		anions061121.met	070131_015.dxd	10
16	292496 DF10	Sample		anions061121.met	070131_016.dxd	10
17	292497 DF10 †	Sample		anions061121.met	070131_017.dxd	10
18	292498 DF10 †	Sample		anions061121.met	070131_018.dxd	10
19	292499 DF10	Sample		anions061121.met	070131_019.dxd	10
20	* 292500 DF10 †	Sample		anions061121.met	070131_020.dxd	10
21	292501 DF10	Sample		anions061121.met	070131_021.dxd	10
22	292502 DF10	Sample		anions061121.met	070131_022.dxd	10
23	292503 DF10	Sample		anions061121.met	070131_023.dxd	10
24	292504 DF10	Sample		anions061121.met	070131_024.dxd	10
25	CCV	Sample		anions061121.met	070131_025.dxd	20
26	CCB	Sample		anions061121.met	070131_026.dxd	1
27	290146 DF10	Sample		anions061121.met	070131_027.dxd	10
28	290148 DF10	Sample		anions061121.met	070131_028.dxd	10
29	290150 DF10	Sample		anions061121.met	070131_029.dxd	10
30	290153 DF10	Sample		anions061121.met	070131_030.dxd	10
31	290154 DF10	Sample		anions061121.met	070131_031.dxd	10
32	290156 DF10	Sample		anions061121.met	070131_032.dxd	10
33	290158 DF10	Sample		anions061121.met	070131_033.dxd	10
34	290160 DF10	Sample		anions061121.met	070131_034.dxd	10
35	FILTER BLK - RSS	Sample		anions061121.met	070131_035.dxd	10
36	CCV	Sample		anions061121.met	070131_036.dxd	20
37	* CCB contamination	Sample		anions061121.met	070131_037.dxd	1
38	CCB	Sample		astop.met	070131	1

010219

Default Method Path: C:\PEAKNET\METHOD  
 Default Data Path: C:\PEAKNET\DATA\070131  
 Comment:  
 DIV 20 06002.01.222 TO#061129-7, 070125-1

† cannot report SO<sub>4</sub> data from this run, due to Pt1.

ICV Sources:

- 1) SPEX LOT#33-13AS (INORG#6254)  
 F = 100 mg/L  
 Cl = 200 mg/L  
 Br = 400 mg/L  
 NO<sub>3</sub>N = 90.4 mg/L  
 PO<sub>4</sub>P = 196 mg/L  
 SO<sub>4</sub> = 400 mg/L
- 2) 54-01-IC6  
 NO<sub>2</sub>N 118 mg/L

*R. Spun*  
 2/12/07

\* Only data reported from this run. KSS 2/12/07

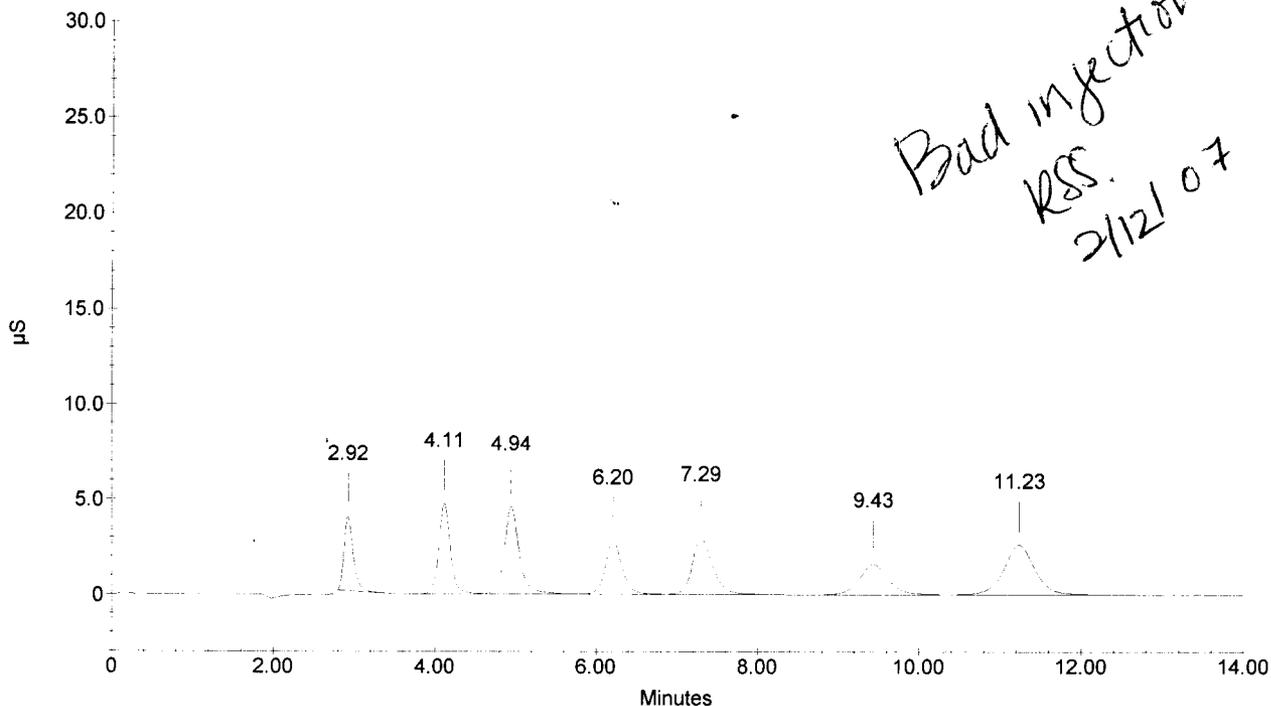
Sample Name : ICV  
 Dilution Factor : 20.00  
 Injection Number : 1  
 Data File Name : c:\peaknet\data\070131\070131\_001.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 1/31/07 7:39:48 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010220

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.92	FLUORIDE	27190.037	38507	307127	1	-3.42
2	4.11	CHLORIDE	66639.533	47304	479914	2	-4.42
3	4.94	NITRITE-N	37456.383	45579	600810	2	-5.06
4	6.20	BROMIDE	130214.564	27927	409816	2	-4.86
5	7.29	NITRATE-N	28990.987	29398	517239	2	-2.80
6	9.43	PHOSPHATE-P	62944.994	16008	406238	2	-4.94
7	11.23	SULFATE	133903.203	25954	705696	2	-5.47
			---total(s)---				
0.00			487339.700			3426840	

ICV



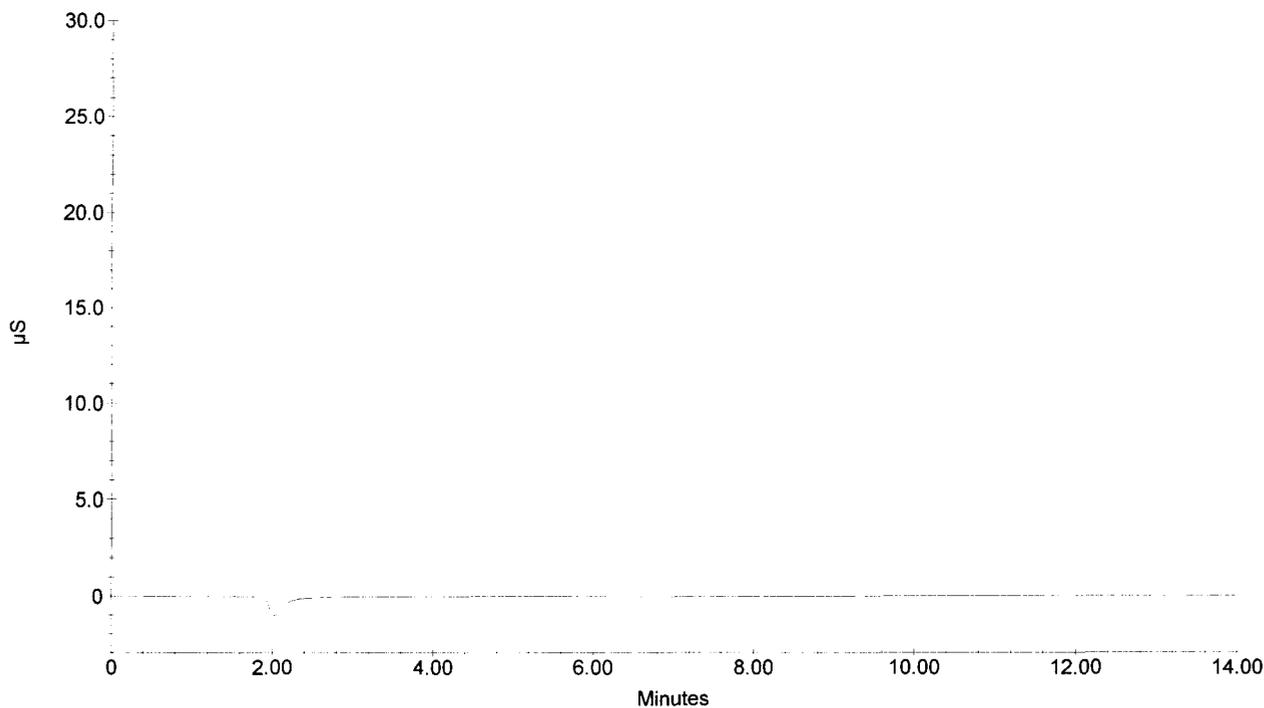
Sample Name : ICB  
 Dilution Factor : 1.00  
 Injection Number : 2  
 Data File Name : c:\peaknet\data\070131\070131\_002.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 1/31/07 7:56:29 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010221**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
0	0.00	(null) CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P SULFATE	0.000	0	0 0		0.00
			---total(s)---				
			0.000		0		

**ICB**



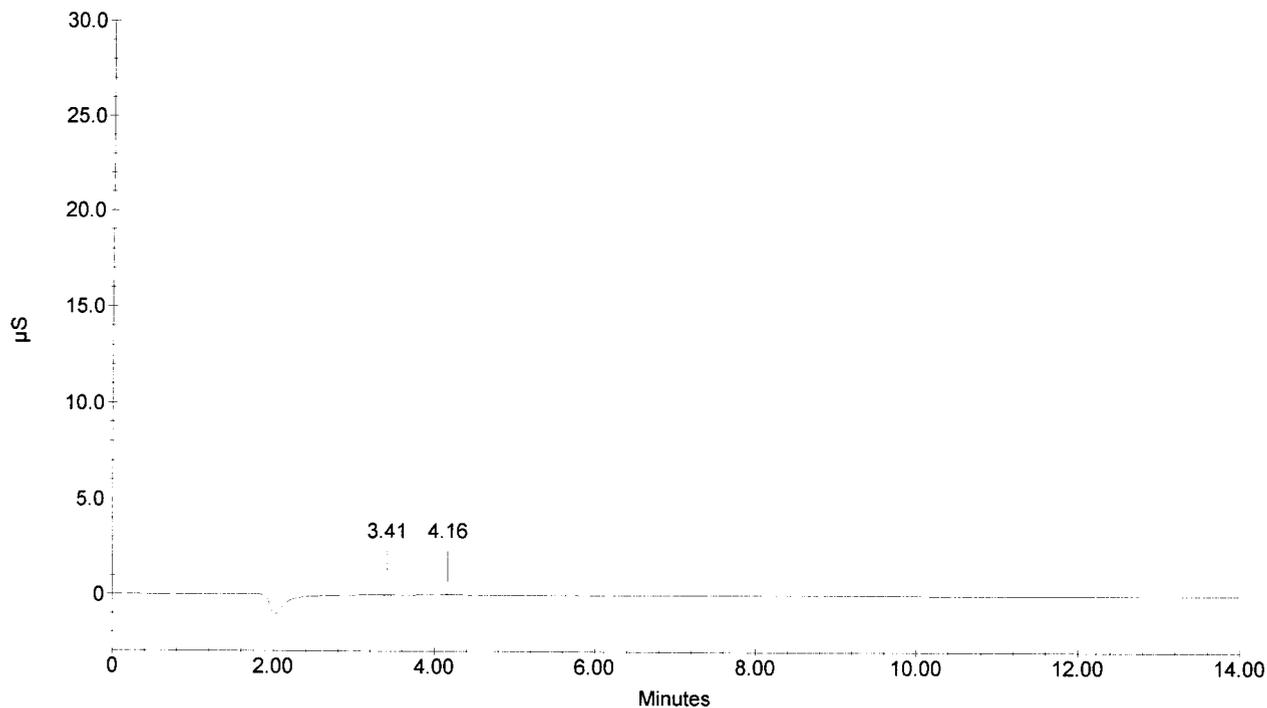
Sample Name : FILTER BLK - DH  
 Dilution Factor : 10.00  
 Injection Number : 3  
 Data File Name : c:\peaknet\data\070131\070131\_003.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 1/31/07 8:13:12 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010222

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	3.41		0.000	172	1259	1	
2	4.16	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P SULFATE	287.382	244	1753	1	-3.18
			---total(s)---				
0.00			287.382		3012		

FILTER BLK - DH



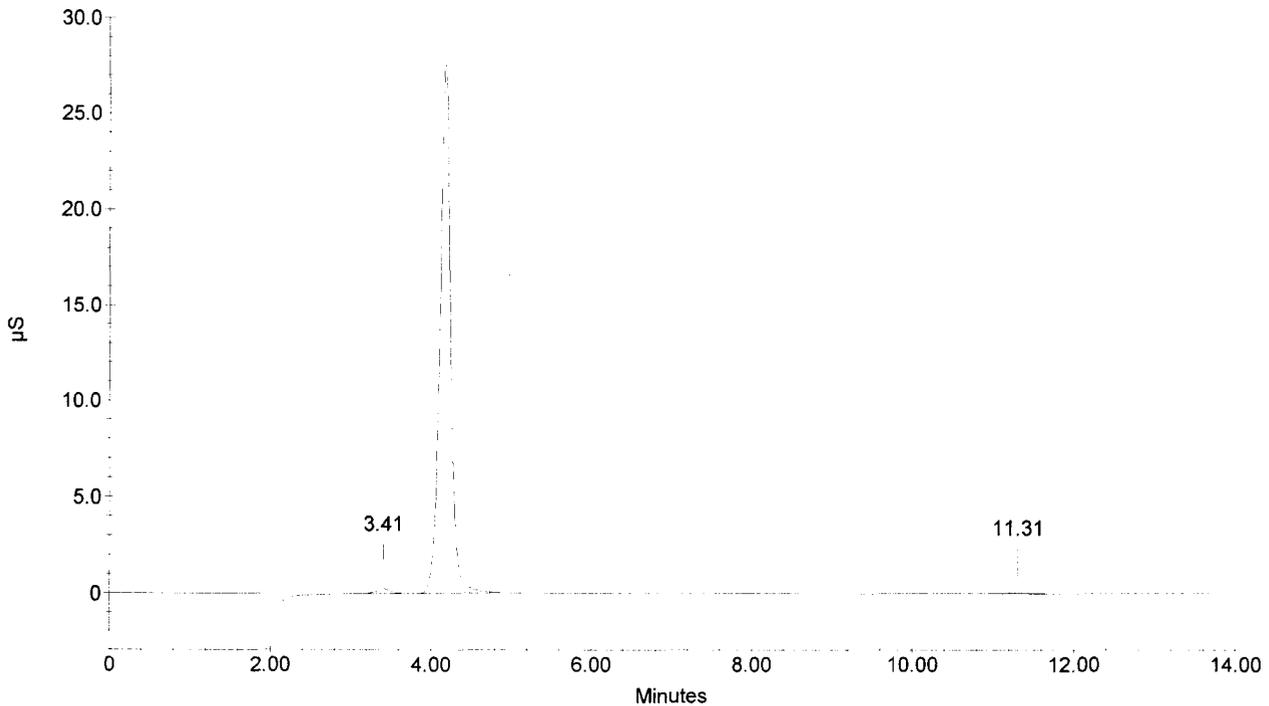
Sample Name : 292486 DF10  
 Dilution Factor : 10.00  
 Injection Number : 4  
 Data File Name : c:\peaknet\data\070131\070131\_004.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 1/31/07 8:29:52 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010223**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	3.41		0.000	2644	31256	1	
2	4.18	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	148776.431	275778	2560360	1	-2.87
3	11.31	SULFATE	1245.287	367	8523	1	-4.80
			---total(s)---				
0.00			150021.718		2600139		

**292486 DF10**



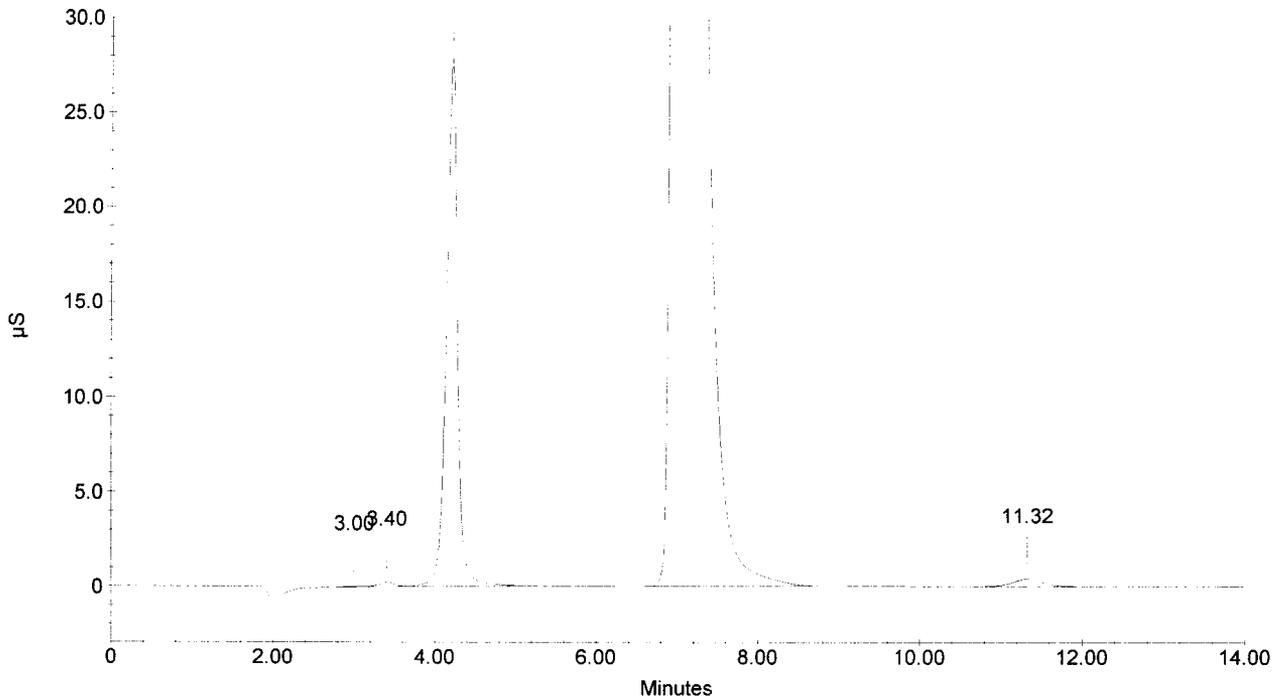
Sample Name : 292487 DF10  
 Dilution Factor : 10.00  
 Injection Number : 5  
 Data File Name : c:\peaknet\data\070131\070131\_005.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 1/31/07 8:46:35 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010224**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	411.302	305	3146	2	-0.77
3	4.20	CHLORIDE NITRITE-N	153188.790	278296	2648419	2	-2.25
4	6.98	BROMIDE NITRATE-N PHOSPHATE-P	-6866202.227	1783901	33021654	1	7.11
5	11.32	SULFATE	10205.552	3983	101534	1	-4.69
			---total(s)---				
0.00			-6702396.583		35774754		

**292487 DF10**



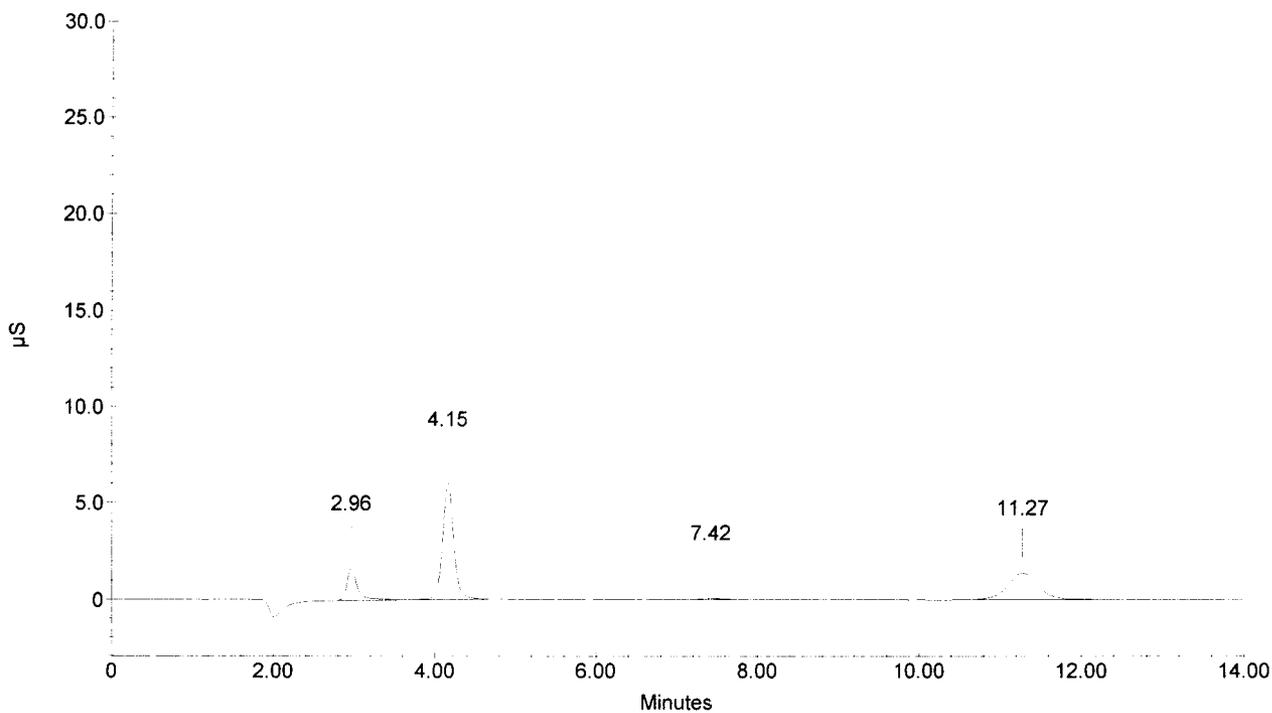
Sample Name : 292488 DF10  
 Dilution Factor : 10.00  
 Injection Number : 6  
 Data File Name : c:\peaknet\data\070131\070131\_006.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 1/31/07 9:03:18 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010225**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	2.96	FLUORIDE	7102.122	16501	156033	2	-2.10
2	4.15	CHLORIDE NITRITE-N BROMIDE	39982.935	59911	582788	2	-3.49
3	7.42	NITRATE-N PHOSPHATE-P	664.980	789	11875	1	-1.11
4	11.27	SULFATE	35597.908	13942	368567	1	-5.13
			---total(s)---				
0.00			83347.945			1119263	

**292488 DF10**



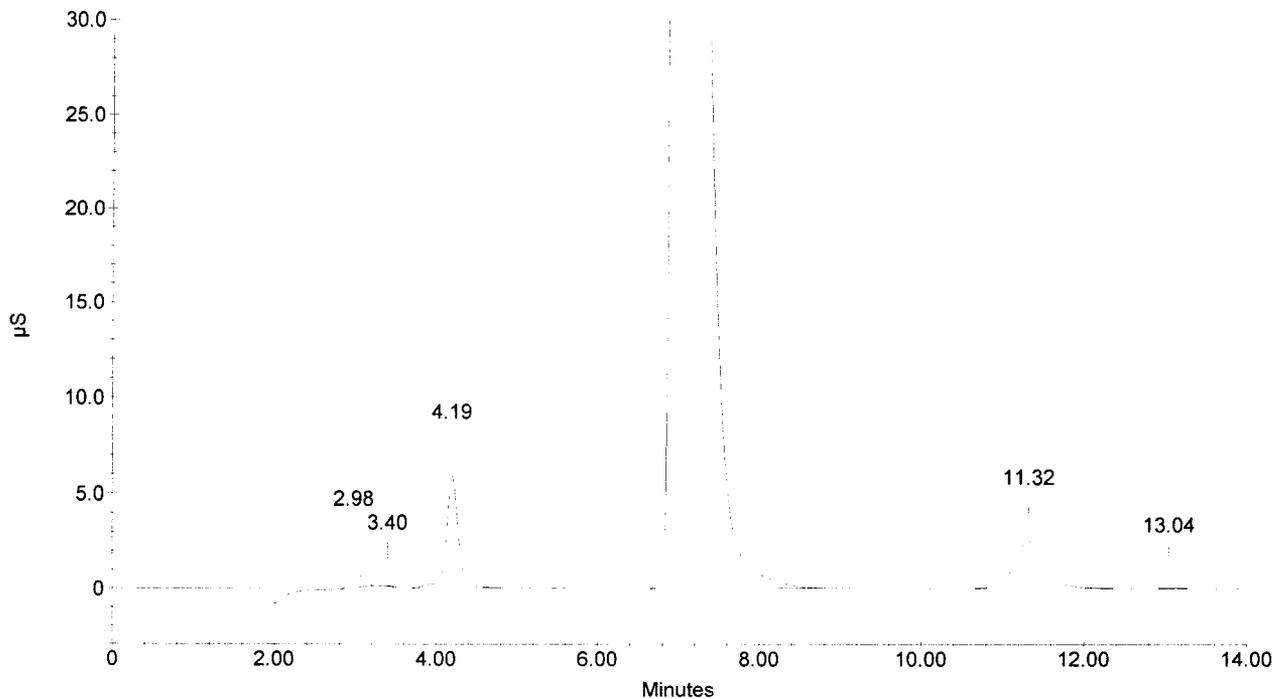
Sample Name : 292489 DF10  
 Dilution Factor : 10.00  
 Injection Number : 7  
 Data File Name : c:\peaknet\data\070131\070131\_007.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 1/31/07 9:20:01 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010226**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	2.98	FLUORIDE	5433.440	13504	117636	1	-1.43
3	4.19	CHLORIDE NITRITE-N	42079.901	58741	615629	1	-2.56
4	6.97	BROMIDE NITRATE-N PHOSPHATE-P	-11593800.480	2146589	40203989	1	6.90
5	11.32	SULFATE	63377.702	25049	666837	2	-4.69
			---total(s)---				
0.00			-11482909.437			41604091	

**292489 DF10**



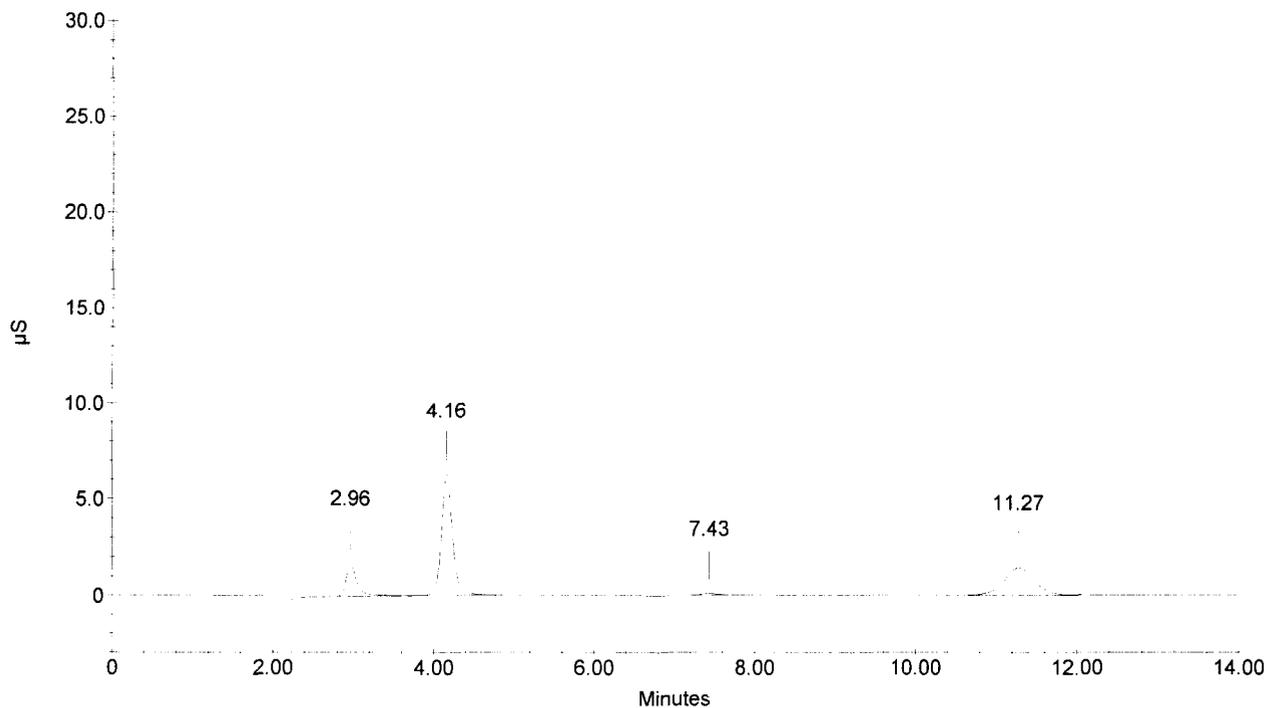
Sample Name : 292490 DF10  
 Dilution Factor : 10.00  
 Injection Number : 8  
 Data File Name : c:\peaknet\data\070131\070131\_008.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 1/31/07 9:36:45 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010227

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.96	FLUORIDE	7263.583	17101	159758	2	-2.10
2	4.16	CHLORIDE NITRITE-N BROMIDE	41722.589	62591	610017	2	-3.33
3	7.43	NITRATE-N PHOSPHATE-P	708.208	861	13421	1	-0.93
4	11.27	SULFATE	36206.425	14201	375031	1	-5.13
			---total(s)---				
0.00			85900.805			1158227	

292490 DF10



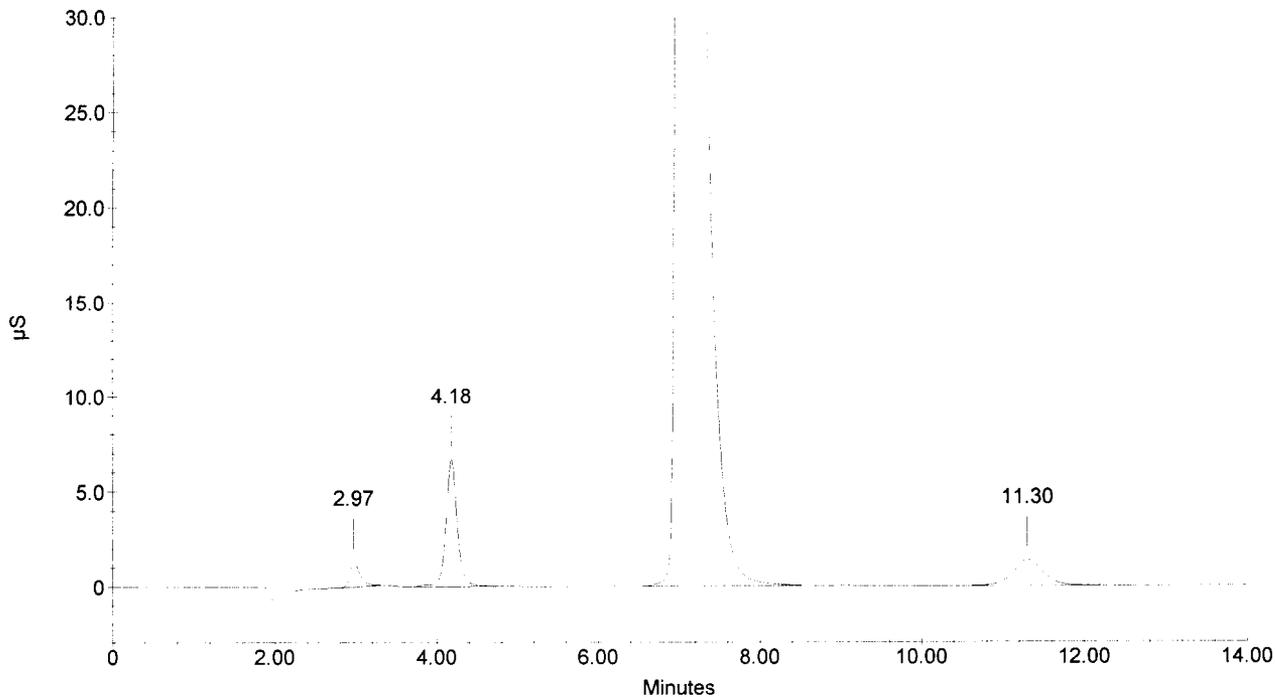
Sample Name : 292491 DF10  
 Dilution Factor : 10.00  
 Injection Number : 9  
 Data File Name : c:\peaknet\data\070131\070131\_009.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 1/31/07 9:53:28 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010228

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.97	FLUORIDE	5551.188	13184	120340	1	-1.66
2	4.18	CHLORIDE NITRITE-N	44588.163	66714	655206	1	-2.87
3	7.04	BROMIDE NITRATE-N PHOSPHATE-P	-1569024.989	1177083	21097424	1	8.03
4	11.30	SULFATE	34794.699	13727	360041	1	-4.91
			---total(s)---				
0.00			-1484090.939			22233010	

292491 DF10



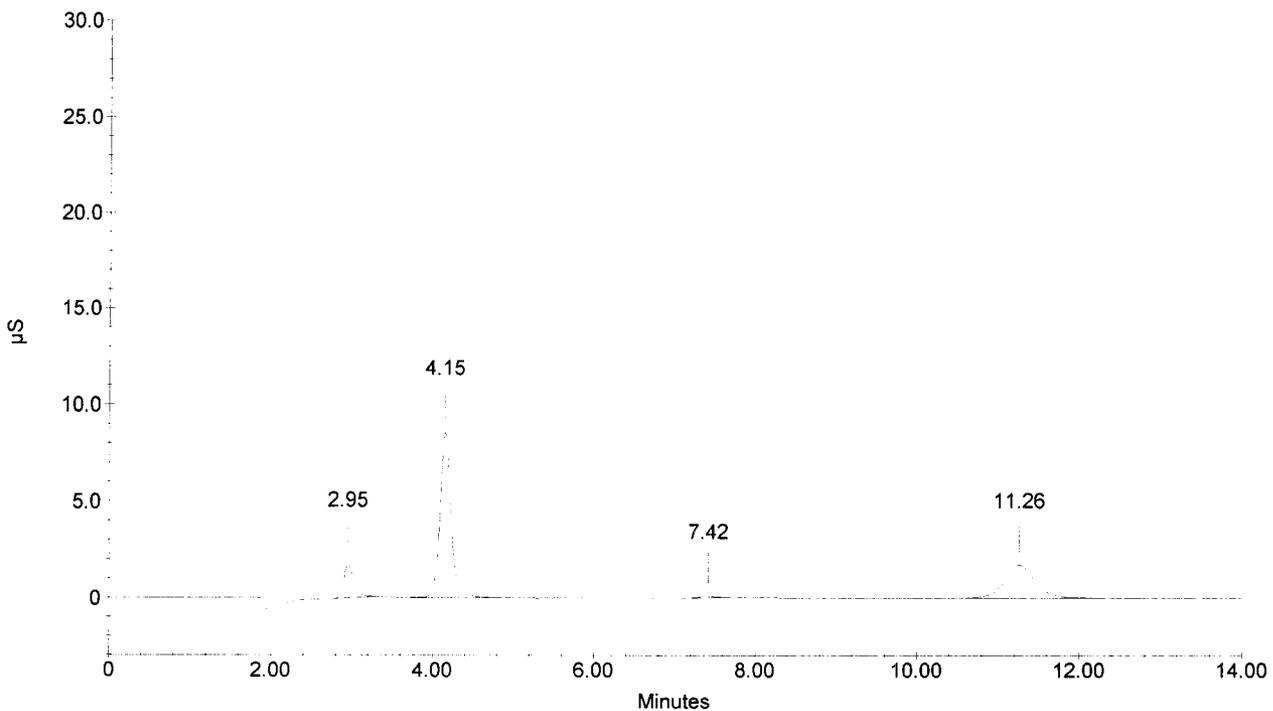
Sample Name : 292492 DF10  
 Dilution Factor : 10.00  
 Injection Number : 10  
 Data File Name : c:\peaknet\data\070131\070131\_010.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 1/31/07 10:10:10 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010229

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.95	FLUORIDE	6714.362	17379	147095	1	-2.32
2	4.15	CHLORIDE NITRITE-N BROMIDE	54633.621	85662	816964	1	-3.49
3	7.42	NITRATE-N PHOSPHATE-P	683.153	805	12525	1	-1.11
4	11.26	SULFATE	43164.126	17077	449154	1	-5.25
			---total(s)---				
0.00			105195.262			1425738	

292492 DF10



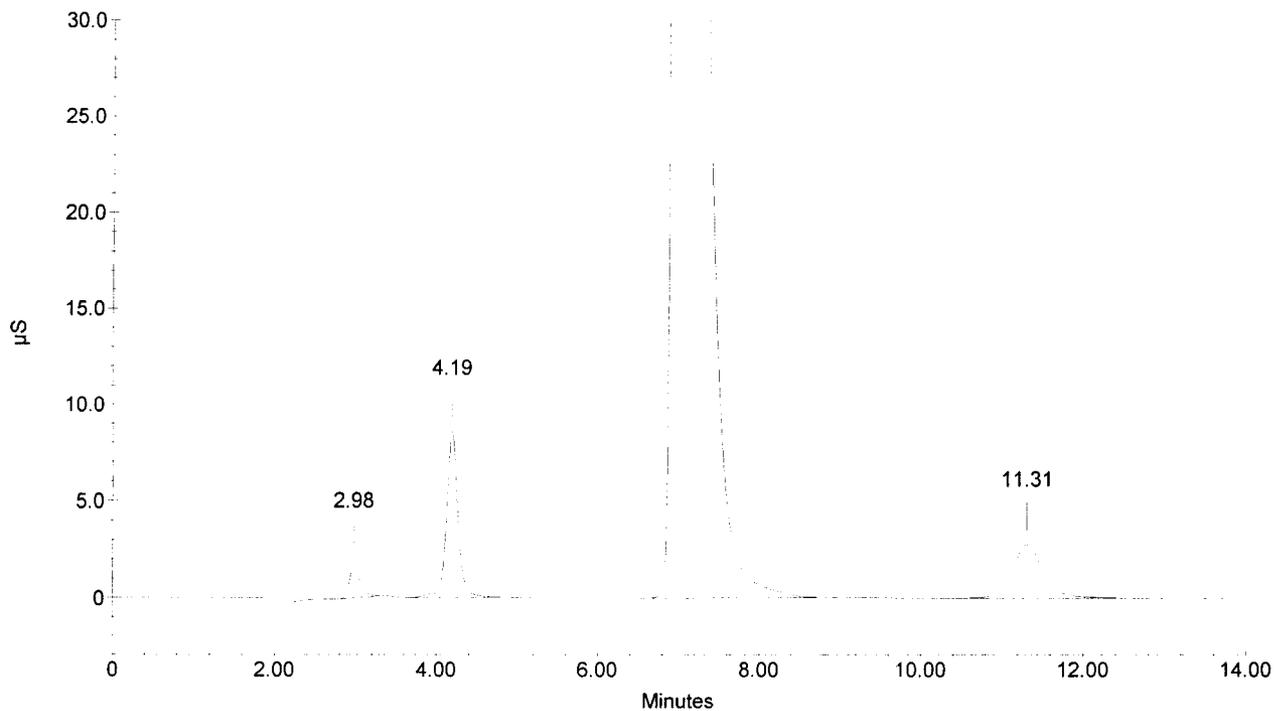
Sample Name : 292493 DF10  
 Dilution Factor : 10.00  
 Injection Number : 11  
 Data File Name : c:\peaknet\data\070131\070131\_011.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 1/31/07 10:26:53 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010230

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	2.98	FLUORIDE	6835.095	16592	149877	1	-1.43
2	4.19	CHLORIDE NITRITE-N	57153.530	85505	858363	1	-2.56
3	6.99	BROMIDE NITRATE-N PHOSPHATE-P	-8144368.965	1886453	35146333	1	7.21
4	11.31	SULFATE	69516.256	27645	733651	1	-4.80
			---total(s)---				
0.00			-8010864.084		36888224		

292493 DF10



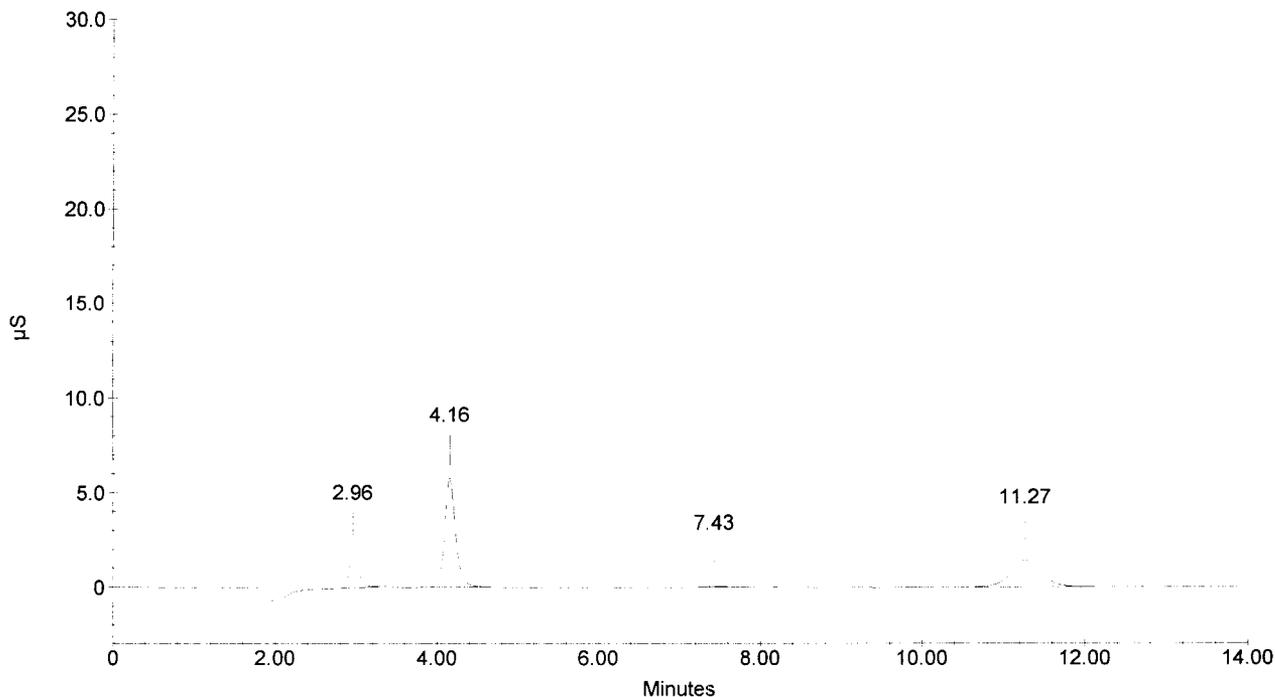
Sample Name : 292494 DF10  
 Dilution Factor : 10.00  
 Injection Number : 12  
 Data File Name : c:\peaknet\data\070131\070131\_012.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 1/31/07 10:43:35 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010231**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	2.96	FLUORIDE	6443.378	16770	140854	1	-2.10
2	4.16	CHLORIDE NITRITE-N BROMIDE	37841.100	57458	549475	1	-3.33
3	7.43	NITRATE-N PHOSPHATE-P	569.897	580	8475	1	-0.93
4	11.27	SULFATE	36215.696	14182	375130	1	-5.13
			---total(s)---				
0.00			81070.071			1073934	

**292494 DF10**



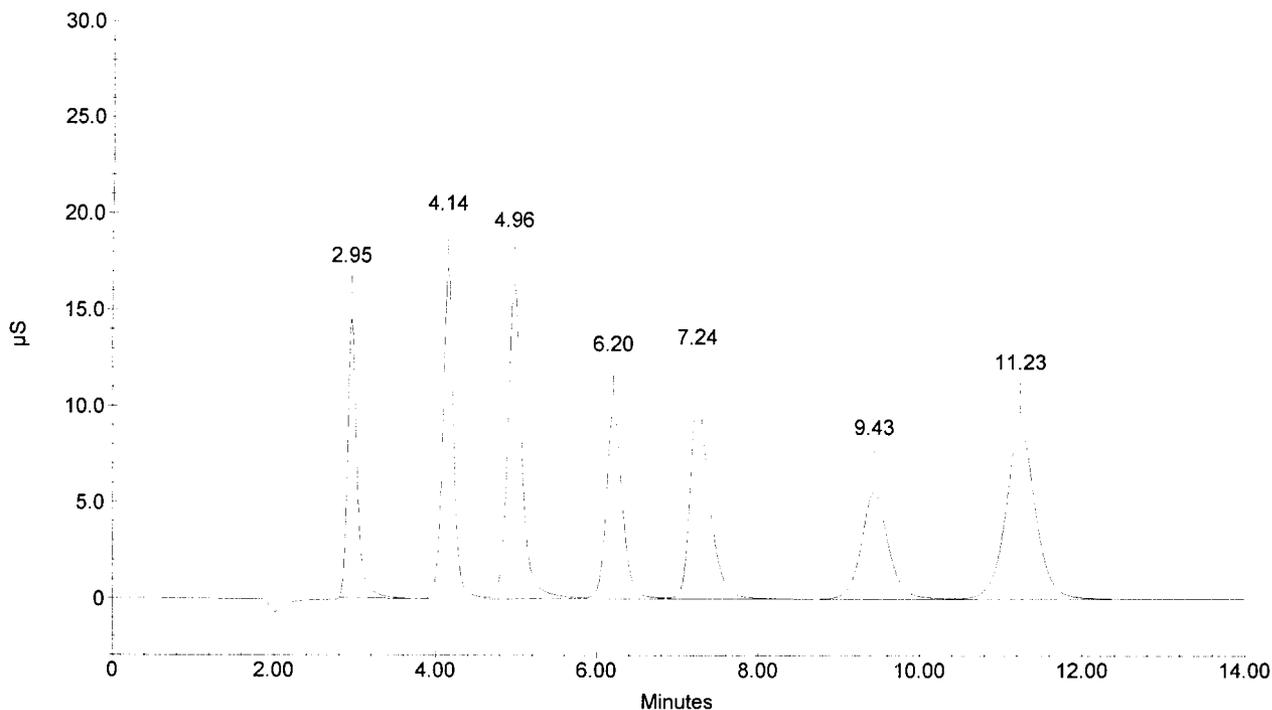
Sample Name : CCV  
 Dilution Factor : 20.00  
 Injection Number : 13  
 Data File Name : c:\peaknet\data\070131\070131\_013.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 1/31/07 11:00:19 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#018940  
 System Operator : RSPIES

010232

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.95	FLUORIDE	98380.217	144312	1182453	1	-2.32
2	4.14	CHLORIDE	201714.319	171727	1627946	2	-3.64
3	4.96	NITRITE-N	118302.317	163025	2016537	2	-4.55
4	6.20	BROMIDE	401780.692	99146	1366061	2	-4.96
5	7.24	NITRATE-N	90950.983	102671	1731955	2	-3.51
6	9.43	PHOSPHATE-P	195167.972	55727	1311227	2	-4.94
7	11.23	SULFATE	407211.763	89704	2287936	2	-5.47
			---total(s)---				
0.00			1513508.263			11524116	

CCV



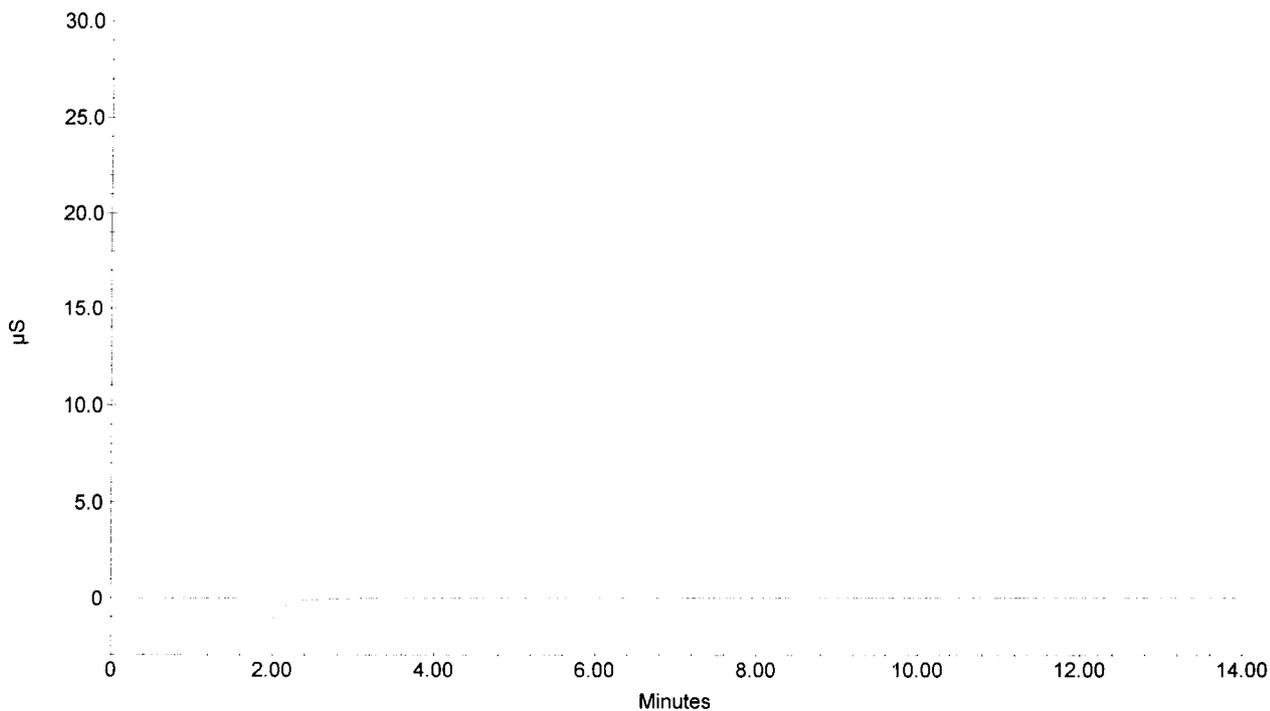
Sample Name : CCB  
 Dilution Factor : 1.00  
 Injection Number : 14  
 Data File Name : c:\peaknet\data\070131\070131\_014.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 1/31/07 11:17:01 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010233**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
0	0.00	(null)	0.000	0	0 0		0.00
		CHLORIDE					
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
		PHOSPHATE-P					
		SULFATE					
	0.00		---total(s)---	0.000	0		

**CCB**



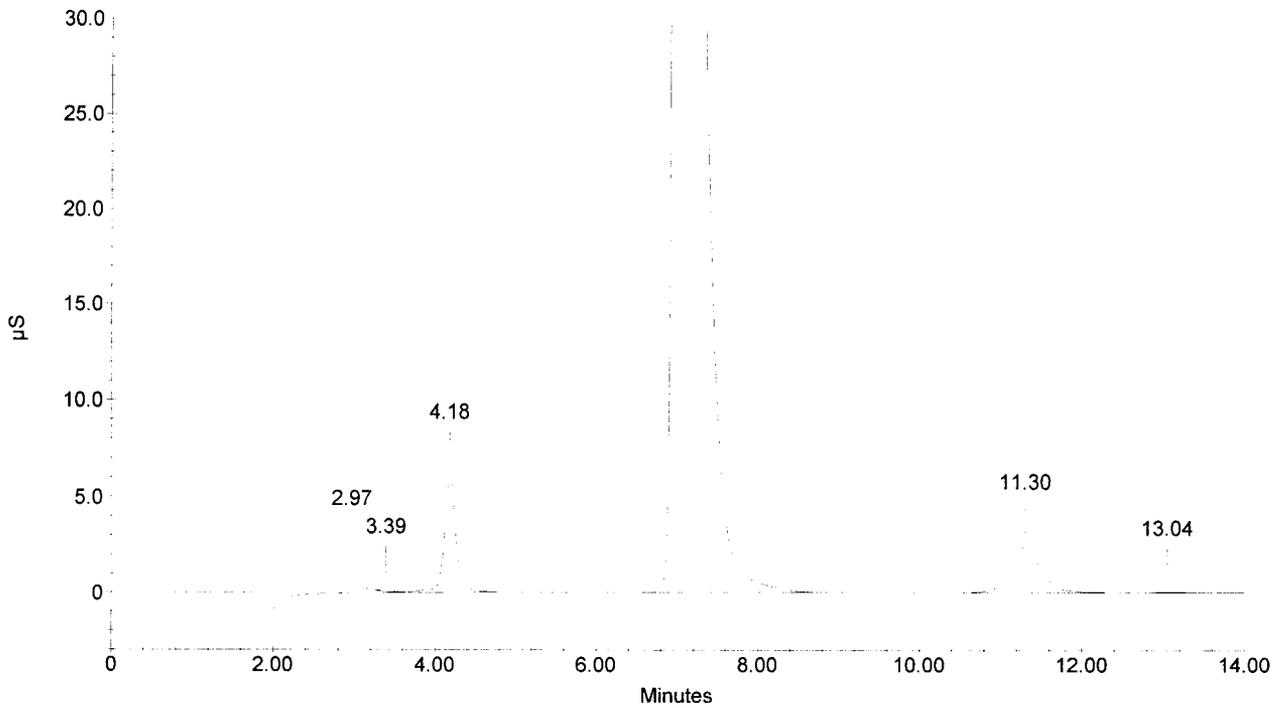
Sample Name : 292495 DF10  
 Dilution Factor : 10.00  
 Injection Number : 15  
 Data File Name : ...070131\_015.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 1/31/07 11:33:44 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010234**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	2.97	FLUORIDE	7655.095	16152	168796	3	-1.66
3	4.18	CHLORIDE NITRITE-N BROMIDE	41668.085	60123	609162	2	-2.87
4	7.02	NITRATE-N PHOSPHATE-P	863071.015	1412287	25850168	1	-6.44
5	11.30	SULFATE	60886.107	24065	639813	1	-4.91
			---total(s)---				
0.00			973280.302	27267939			

**292495 DF10**



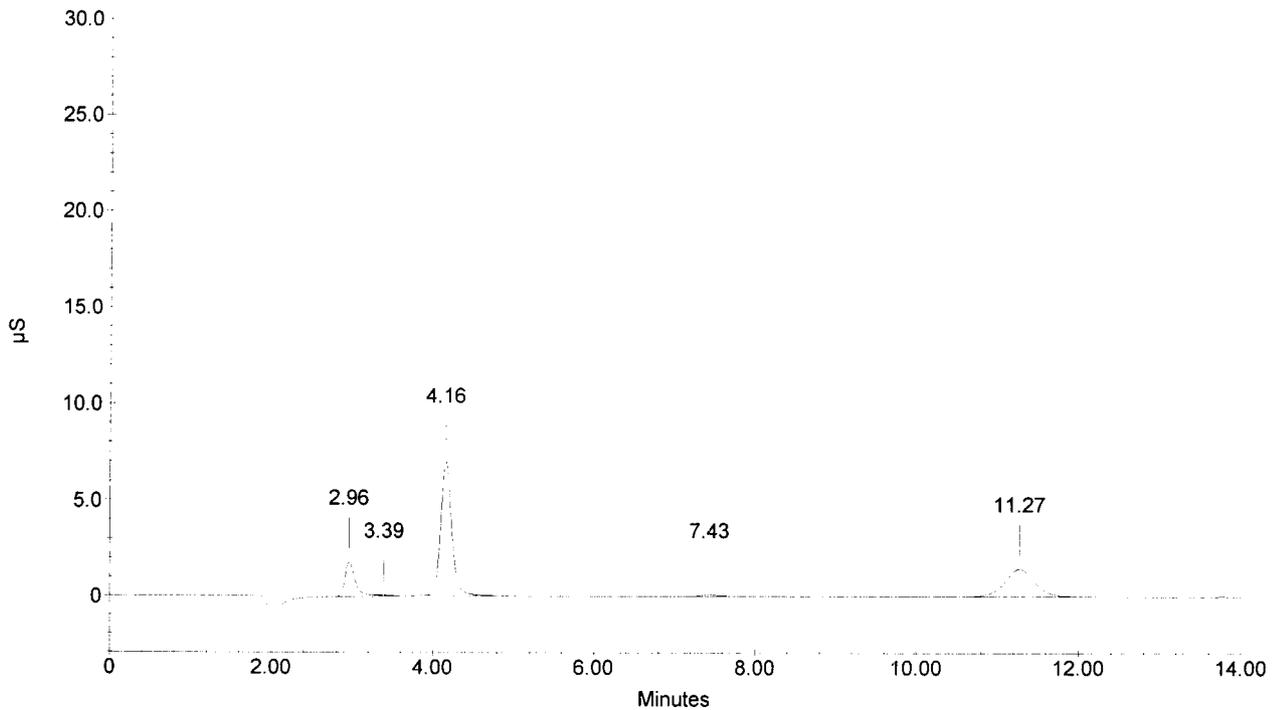
Sample Name : 292496 DF10  
 Dilution Factor : 10.00  
 Injection Number : 16  
 Data File Name : c:\peaknet\data\070131\070131\_016.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 1/31/07 11:50:27 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010235**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	2.96	FLUORIDE	7476.547	18178	164673	3	-2.10
3	4.16	CHLORIDE NITRITE-N BROMIDE	45523.589	70358	670049	1	-3.33
4	7.43	NITRATE-N PHOSPHATE-P	736.646	922	14438	1	-0.93
5	11.27	SULFATE	36581.695	14588	379019	1	-5.13
			---total(s)---				
0.00			90318.477	1228179			

**292496 DF10**



Sample Name : 292497 DF10

Dilution Factor : 10.00

Injection Number : 17

Data File Name : c:\peaknet\data\070131\070131\_017.DXD

Method File Name : c:\peaknet\method\anions061121.met

Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 12:07:11 AM

System Name : Dx-500

Detector Name : Conductivity Detector

Column Type : AS14-SN#018097 AG14-#019940

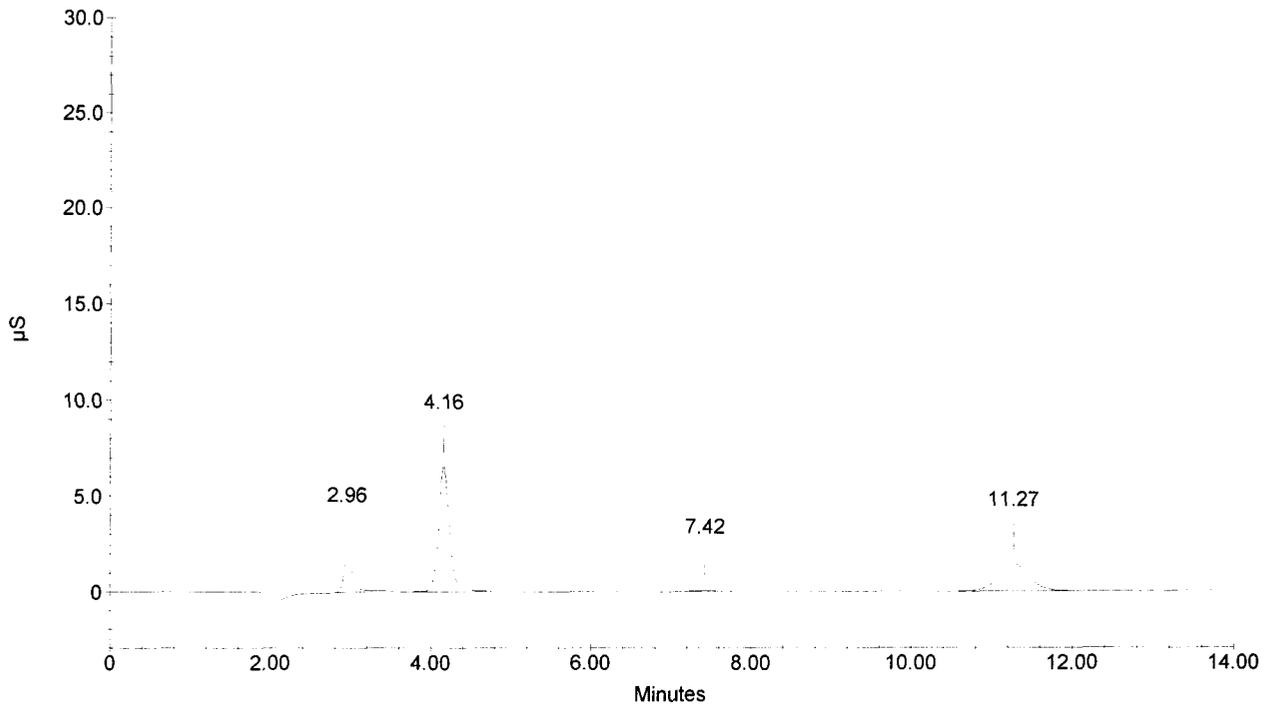
System Operator : RSPIES

010236

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.96	FLUORIDE	6627.090	17296	145084	1	-2.10
2	4.16	CHLORIDE NITRITE-N BROMIDE	42938.422	65414	629139	1	-3.33
3	7.42	NITRATE-N PHOSPHATE-P	461.008	336	4583	1	-1.02
4	11.27	SULFATE	36159.156	14384	374529	1	-5.13
			---total(s)---				
0.00			86185.676		1153335		

292497 DF10



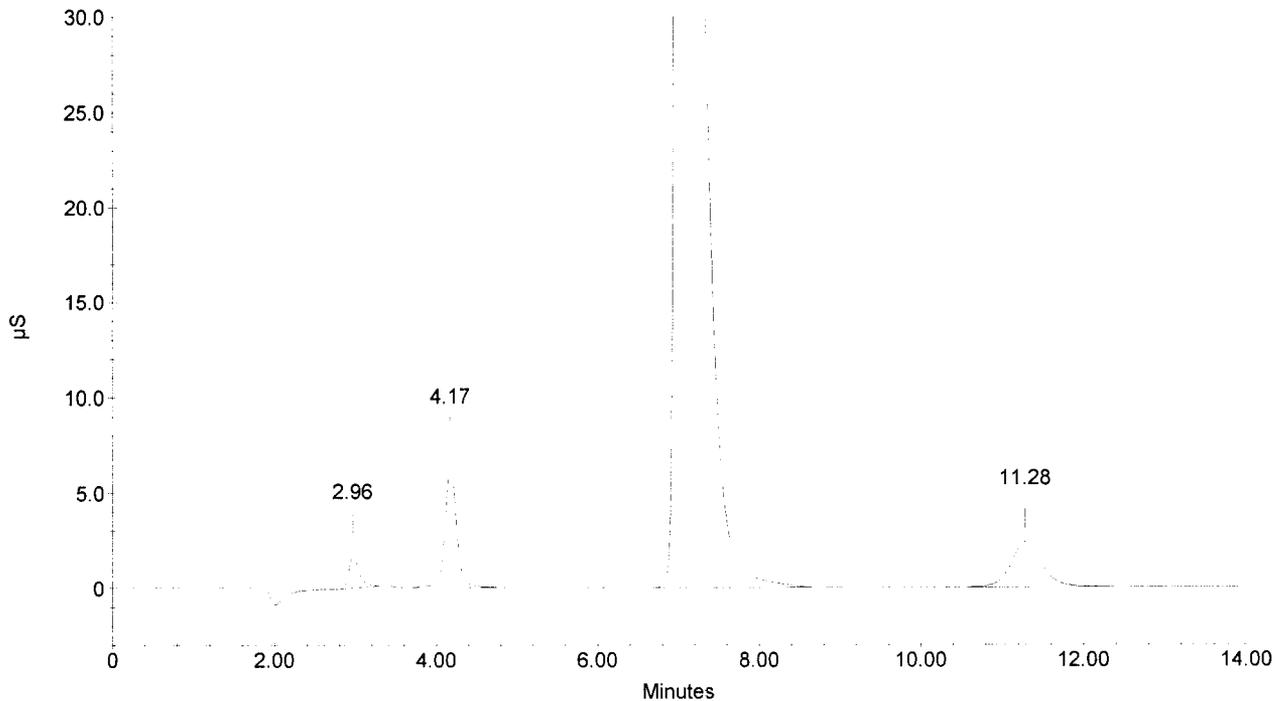
Sample Name : 292498 DF10  
 Dilution Factor : 10.00  
 Injection Number : 18  
 Data File Name : ...070131\_018.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 12:23:54 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010237

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	2.96	FLUORIDE	6978.074	17112	153173	1	-1.88
2	4.17	CHLORIDE NITRITE-N BROMIDE	44881.475	66806	659856	1	-3.02
3	7.04	NITRATE-N PHOSPHATE-P	578634.531	1177617	21312612	1	-6.18
4	11.28	SULFATE	61567.672	24214	647200	1	-5.02
			---total(s)---				
0.00			692061.752	22772840			

292498 DF10



Sample Name : 292499 DF10

Dilution Factor : 10.00

Injection Number : 19

Data File Name : c:\peaknet\data\070131\070131\_019.DXD

Method File Name : c:\peaknet\method\anions061121.met

Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 12:40:36 AM

System Name : Dx-500

Detector Name : Conductivity Detector

Column Type : AS14-SN#018097 AG14-#019940

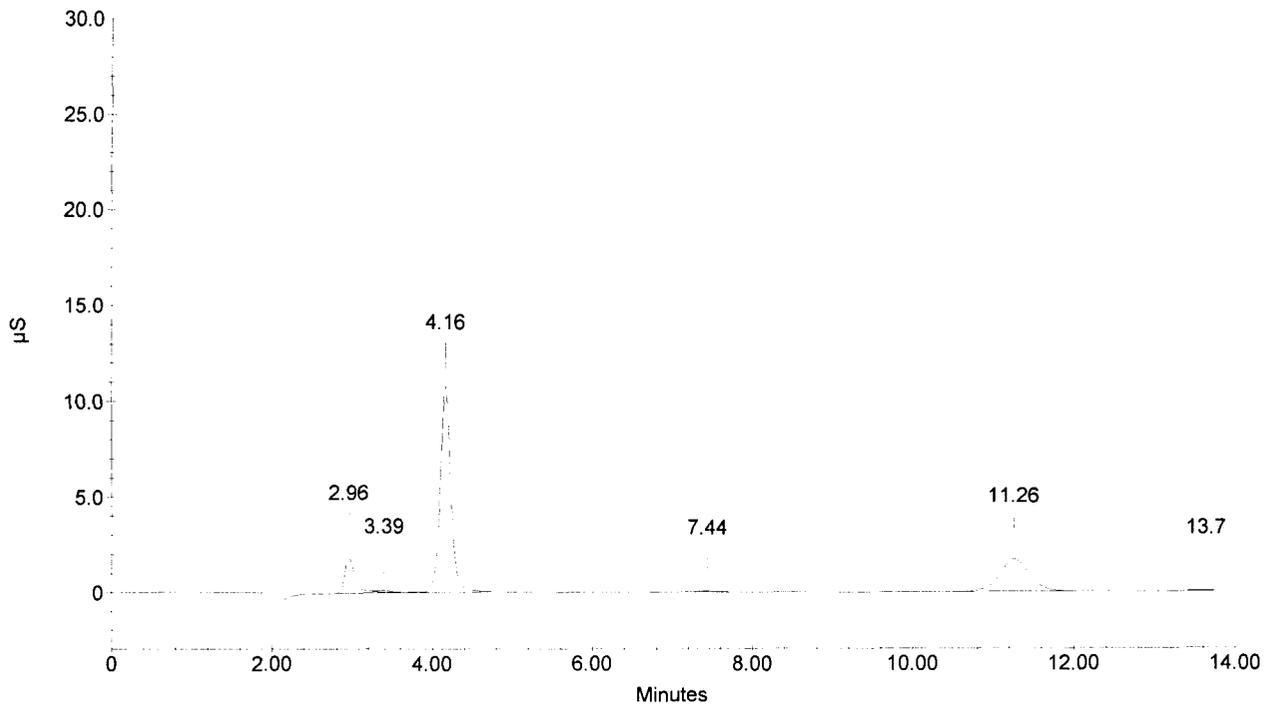
System Operator : RSPIES

010238

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.96	FLUORIDE	7886.414	19184	174141	3	-2.10
3	4.16	CHLORIDE NITRITE-N BROMIDE	66539.413	107769	1015474	2	-3.33
4	7.44	NITRATE-N PHOSPHATE-P	518.544	452	6639	1	-0.84
5	11.26	SULFATE	42608.426	17002	443219	1	-5.25
---total(s)---			117552.797		1639474		
0.00							

292499 DF10



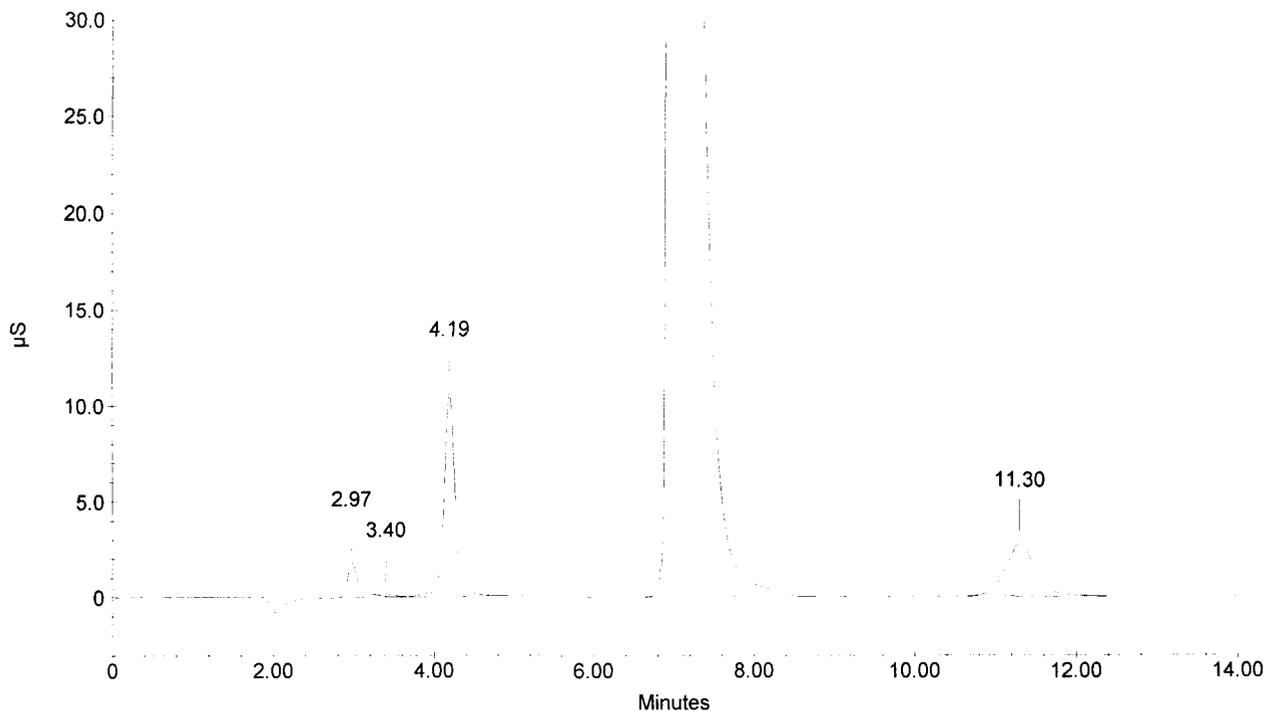
Sample Name : 292500 DF10  
 Dilution Factor : 10.00  
 Injection Number : 20  
 Data File Name : ...070131\_020.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 12:57:19 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010239**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.97	FLUORIDE	8232.142	17866	182136	3	-1.66
3	4.19	CHLORIDE NITRITE-N BROMIDE	68823.337	106060	1054399	2	-2.56
4	7.00	NITRATE-N PHOSPHATE-P	1570689.601	1770341	32948938	1	-6.71
5	11.30	SULFATE	69230.211	27644	730530	1	-4.91
			---total(s)---				
0.00			1716975.291	34916003			

**292500 DF10**



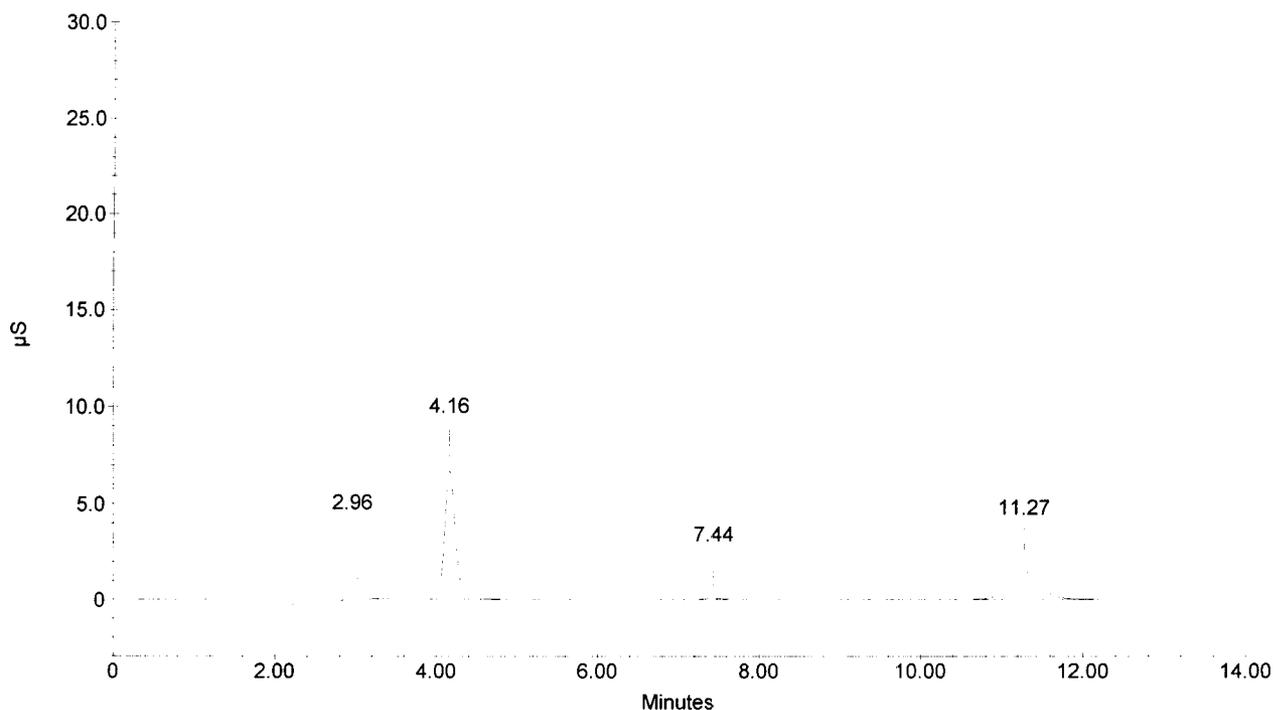
Sample Name : 292501 DF10  
 Dilution Factor : 10.00  
 Injection Number : 21  
 Data File Name : c:\peaknet\data\070131\070131\_021.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 1:14:03 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010240**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	2.96	FLUORIDE	6703.320	17406	146840	1	-2.10
2	4.16	CHLORIDE NITRITE-N BROMIDE	43479.715	66713	637676	1	-3.33
3	7.44	NITRATE-N PHOSPHATE-P	670.696	803	12079	1	-0.84
4	11.27	SULFATE	36764.688	14500	380963	1	-5.13
			---total(s)---				
0.00			87618.419			1177560	

**292501 DF10**



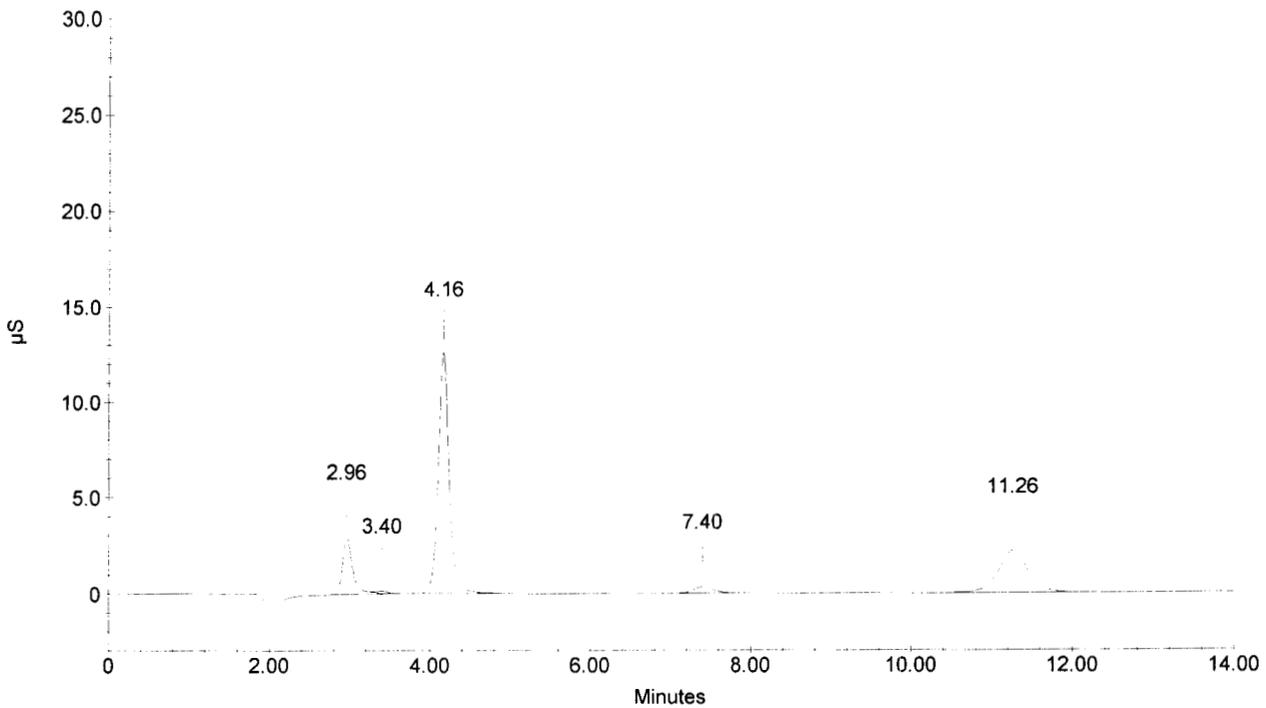
Sample Name : 292502 DF10  
 Dilution Factor : 10.00  
 Injection Number : 22  
 Data File Name : c:\peaknet\data\070131\070131\_022.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 1:30:46 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010241**

Peak Information : All Components								
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta	
1	2.96	FLUORIDE	11744.706	29902	263795	3	-2.10	
3	4.16	CHLORIDE NITRITE-N BROMIDE	75359.074	125647	1167276	1	-3.18	
4	7.40	NITRATE-N PHOSPHATE-P	1890.761	3382	55794	1	-1.38	
5	11.26	SULFATE	53832.780	21742	563607	1	-5.25	
			---total(s)---					
0.00			142827.321	2050472				

**292502 DF10**



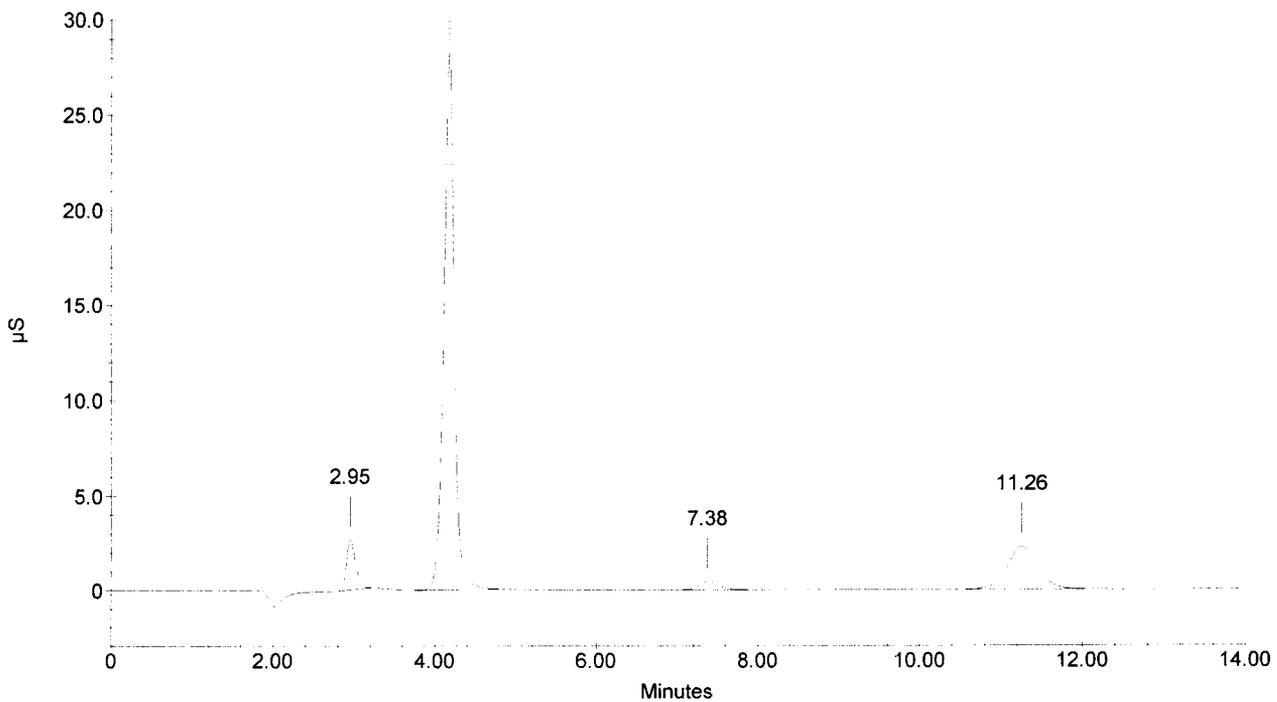
Sample Name : 292503 DF10  
 Dilution Factor : 10.00  
 Injection Number : 23  
 Data File Name : c:\peaknet\data\070131\070131\_023.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 1:47:30 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010242

Peak Information : All Components								
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta	
1	2.95	FLUORIDE	9397.554	26499	209142	1	-2.32	
2	4.17	CHLORIDE NITRITE-N BROMIDE	148632.740	282164	2557494	1	-3.02	
3	7.38	NITRATE-N PHOSPHATE-P	2488.889	4577	77286	1	-1.64	
4	11.26	SULFATE	56712.559	22957	594668	1	-5.25	
			---total(s)---					
0.00			217231.742		3438590			

**292503 DF10**



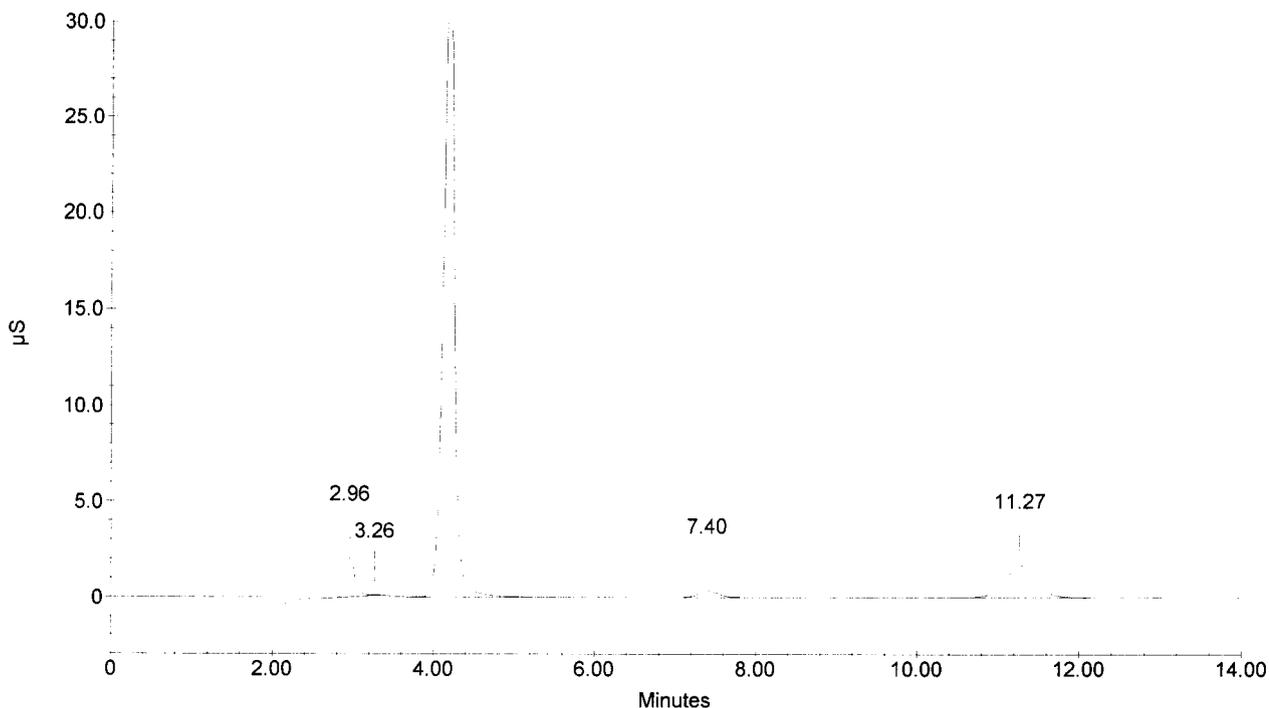
Sample Name : 292504 DF10  
 Dilution Factor : 10.00  
 Injection Number : 24  
 Data File Name : c:\peaknet\data\070131\070131\_024.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 2:04:11 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010243**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.96	FLUORIDE	7541.451	20538	166172	2	-2.10
3	4.18	CHLORIDE NITRITE-N BROMIDE	181507.510	352074	3210457	1	-2.87
4	7.40	NITRATE-N PHOSPHATE-P	2008.458	3615	60020	1	-1.38
5	11.27	SULFATE	41476.180	16675	431135	1	-5.13
			---total(s)---				
0.00			232533.598	3867783			

**292504 DF10**



Sample Name : CCV  
 Dilution Factor : 20.00  
 Injection Number : 25  
 Data File Name : c:\peaknet\data\070131\070131\_025.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 2:20:55 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

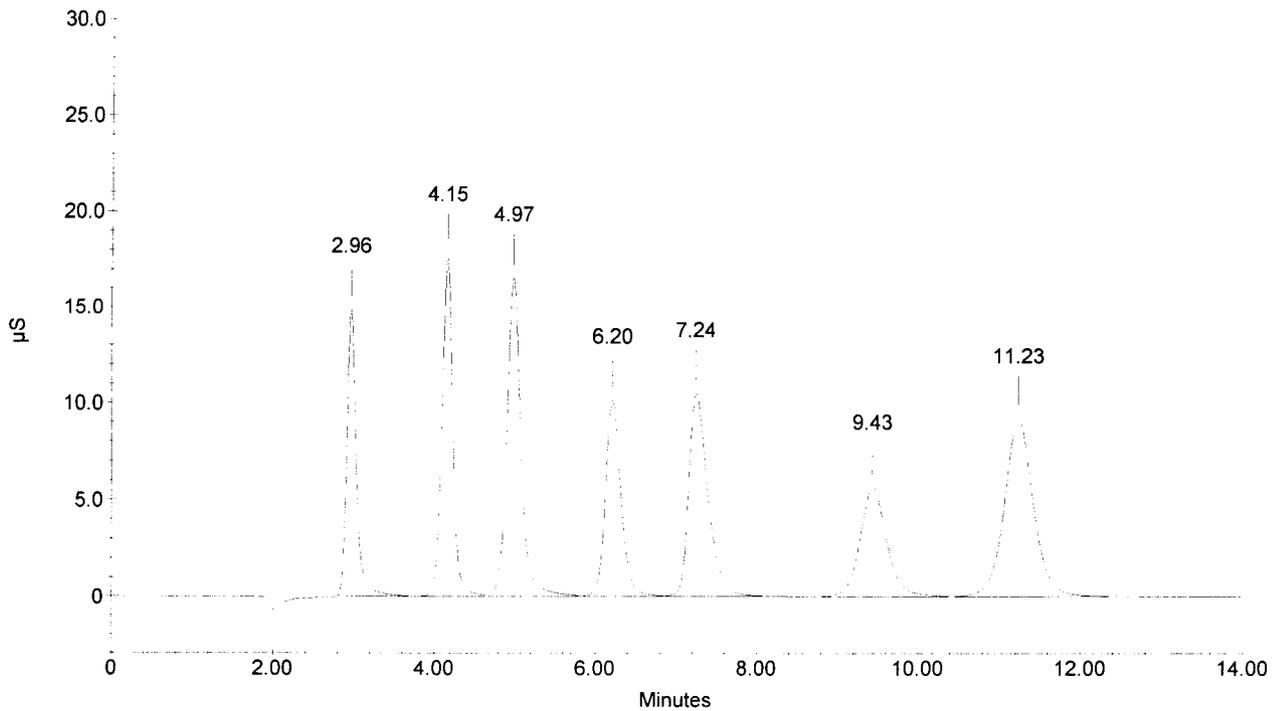
**010244**

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.96	FLUORIDE	100259.288	148247	1206589	1	-2.10
2	4.15	CHLORIDE	203597.239	175437	1645535	2	-3.49
3	4.97	NITRITE-N	118363.946	165017	2017663	2	-4.42
4	6.20	BROMIDE	402873.099	101010	1370223	2	-4.86
5	7.24	NITRATE-N	91305.576	104335	1739253	2	-3.51
6	9.43	PHOSPHATE-P	196769.802	56630	1322693	2	-4.94
7	11.23	SULFATE	410080.812	91052	2305682	2	-5.47

0.00 ---total(s)---  
 1523249.762 11607640

**CCV**



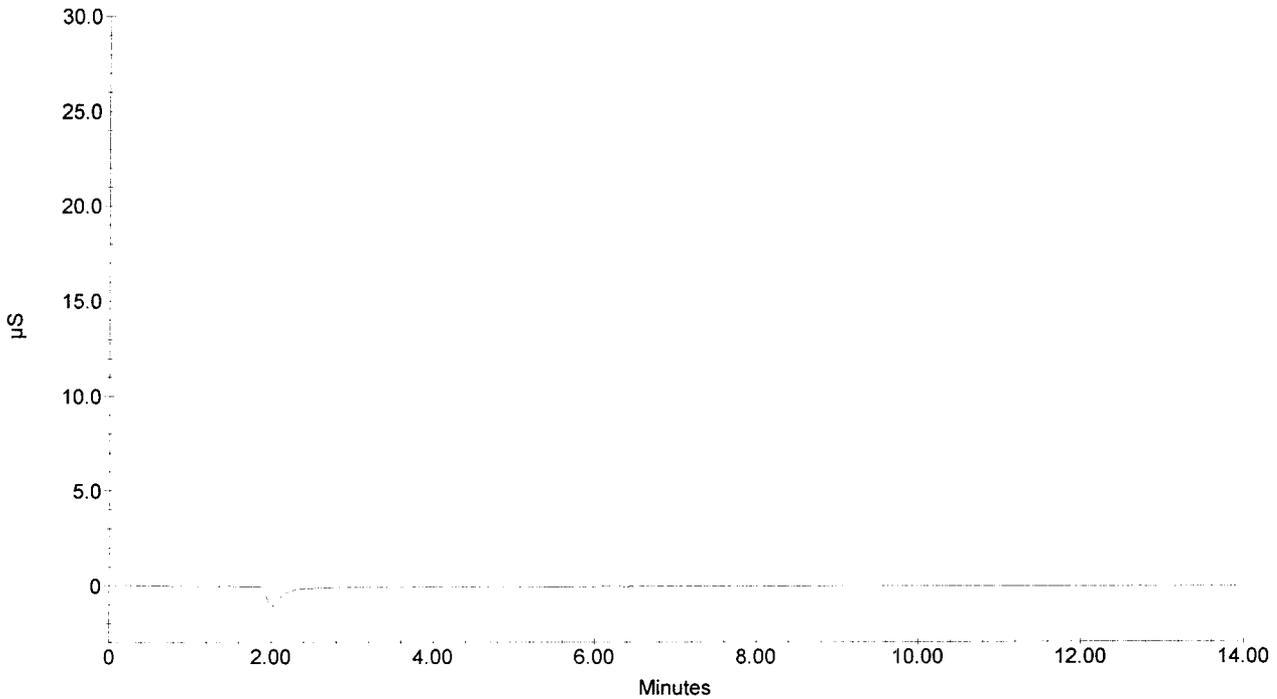
Sample Name : CCB  
 Dilution Factor : 1.00  
 Injection Number : 26  
 Data File Name : c:\peaknet\data\070131\070131\_026.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 2:37:39 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010245

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
0	0.00	(null)	0.000	0	0 0		0.00
		CHLORIDE					
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
		PHOSPHATE-P					
		SULFATE					
			---total(s)---				
	0.00		0.000		0		

CCB



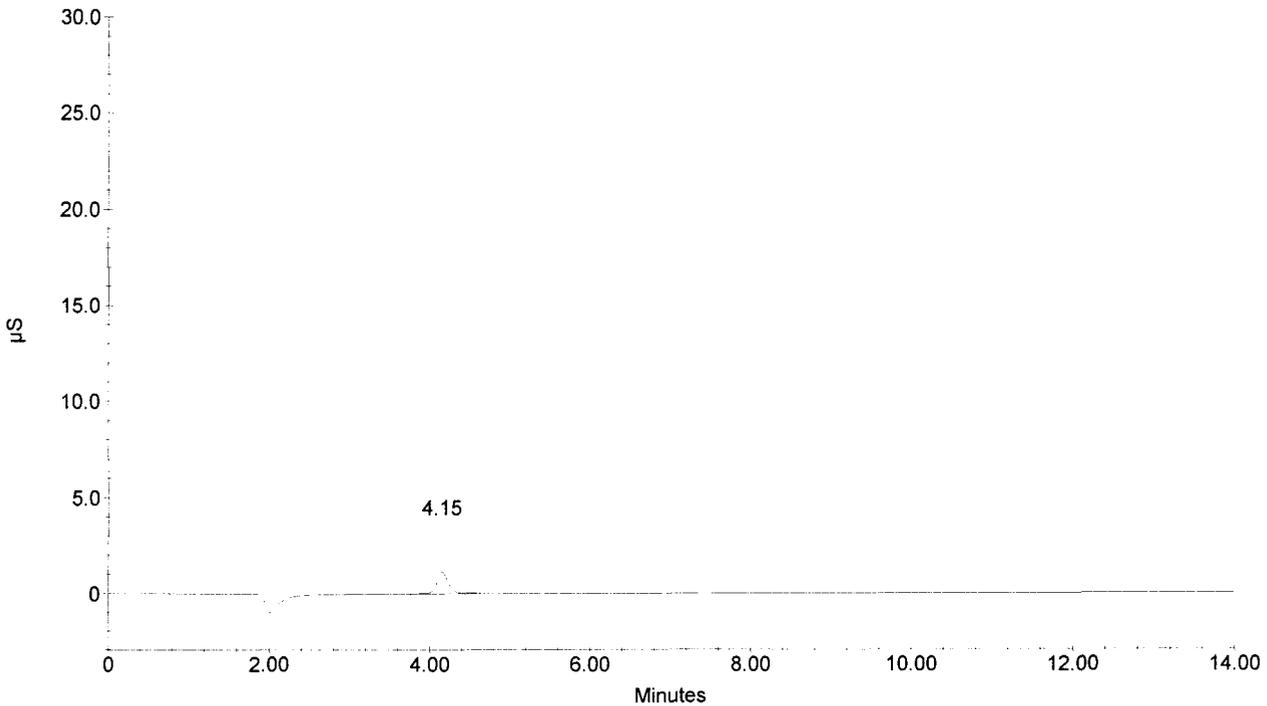
Sample Name : 290146 DF10  
 Dilution Factor : 10.00  
 Injection Number : 27  
 Data File Name : c:\peaknet\data\070131\070131\_027.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 2:54:21 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010246**

Peak Information : All Components								
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta	
1	4.15	CHLORIDE	8309.823	11162	113196	1	-3.49	
1	4.15	CHLORIDE	8309.823	11162	113196	1	-3.49	
		NITRITE-N						
		BROMIDE						
		NITRATE-N						
		PHOSPHATE-P						
		SULFATE						
			---total(s)---					
0.00			16619.645			226391		

**290146 DF10**



Sample Name : 290148 DF10

Dilution Factor : 10.00

Injection Number : 28

Data File Name : c:\peaknet\data\070131\070131\_028.DXD

Method File Name : c:\peaknet\method\anions061121.met

Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 3:11:03 AM

System Name : Dx-500

Detector Name : Conductivity Detector

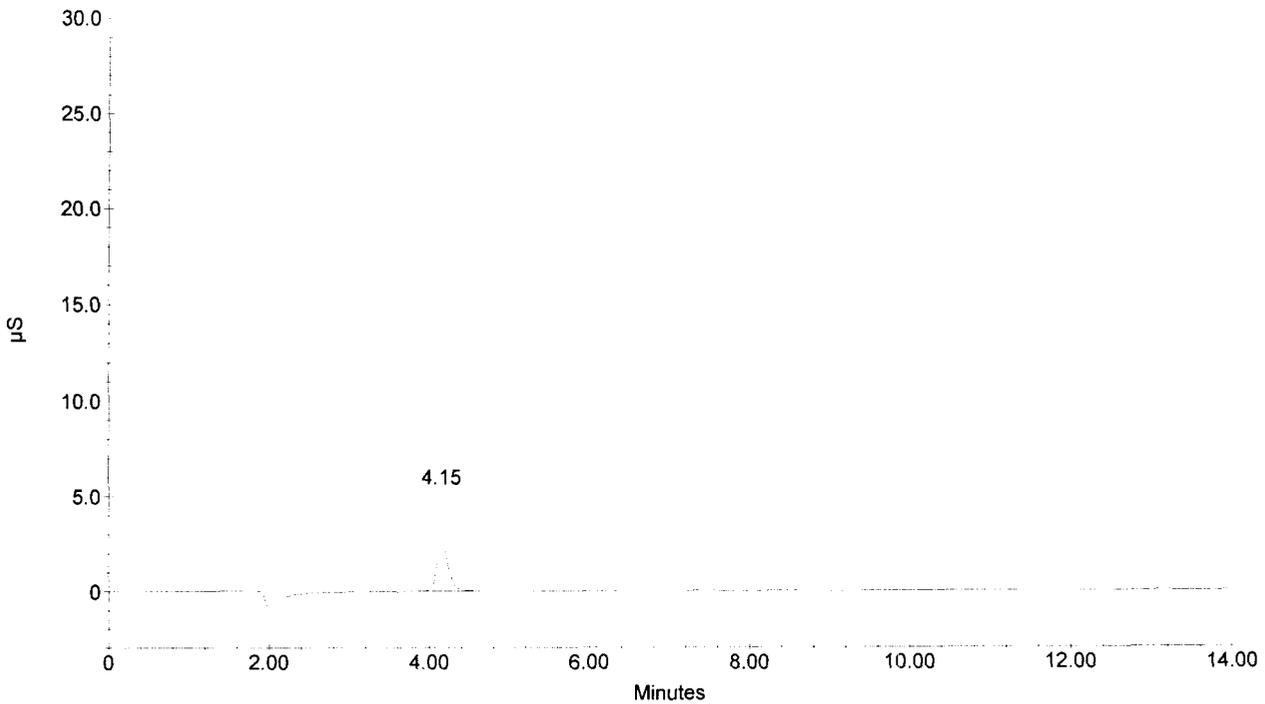
Column Type : AS14-SN#018097 AG14-#019940

System Operator : RSPIES

010247

Peak Information : All Components								
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta	
1	4.15	CHLORIDE	18482.736	26301	258751	1	-3.49	
1	4.15	CHLORIDE	18482.736	26301	258751	1	-3.49	
		NITRITE-N						
		BROMIDE						
		NITRATE-N						
		PHOSPHATE-P						
		SULFATE						
			---total(s)---					
0.00			36965.473			517501		

290148 DF10



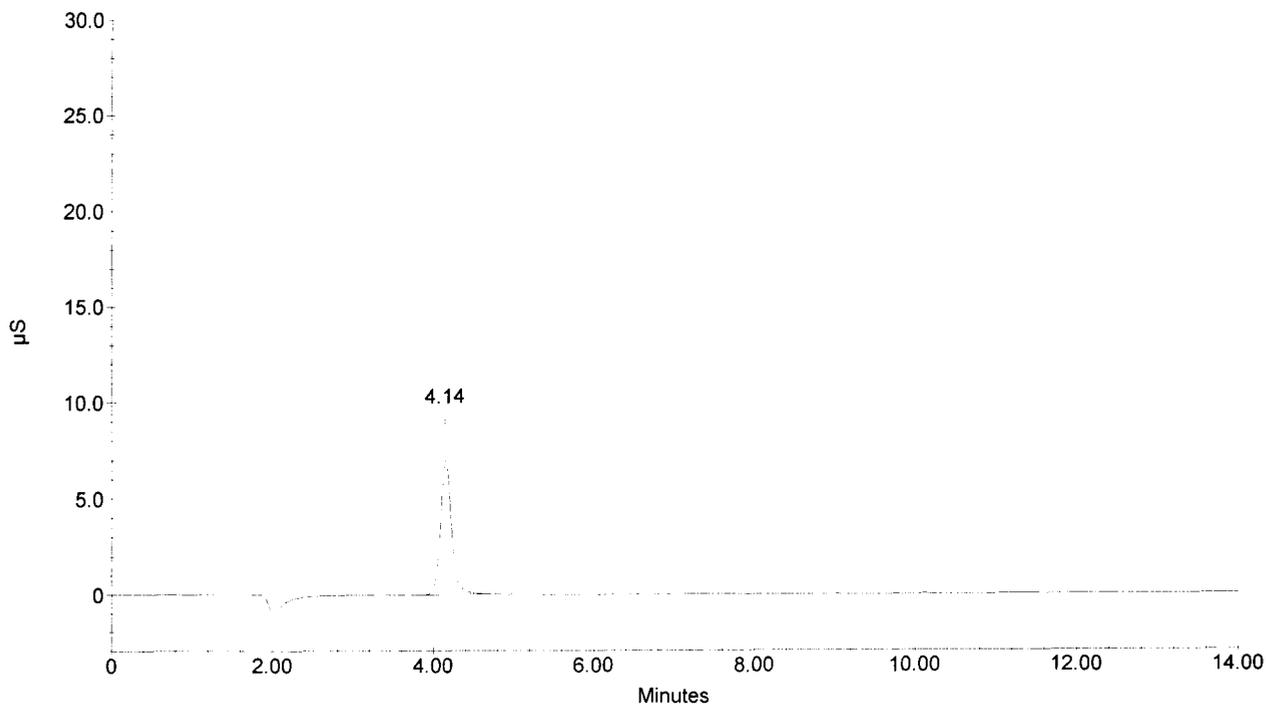
Sample Name : 290150 DF10  
 Dilution Factor : 10.00  
 Injection Number : 29  
 Data File Name : c:\peaknet\data\070131\070131\_029.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 3:27:46 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010248

Peak Information : All Components								
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta	
1	4.14	CHLORIDE	45524.155	69617	670058	1	-3.64	
1	4.14	CHLORIDE	45524.155	69617	670058	1	-3.64	
		NITRITE-N						
		BROMIDE						
		NITRATE-N						
		PHOSPHATE-P						
		SULFATE						
			---total(s)---					
0.00			91048.310			1340116		

290150 DF10



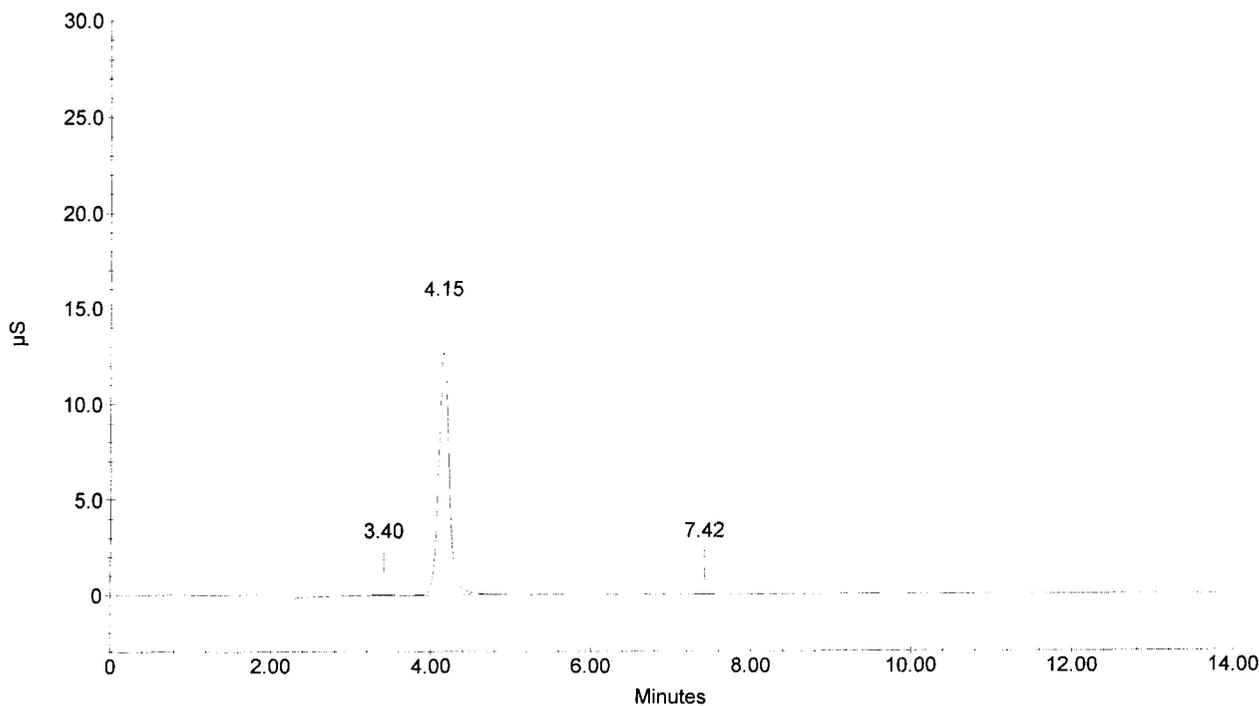
Sample Name : 290153 DF10  
 Dilution Factor : 10.00  
 Injection Number : 30  
 Data File Name : c:\peaknet\data\070131\070131\_030.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 3:44:29 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010249**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	3.40		0.000	458	5728	1	
2	4.15	CHLORIDE NITRITE-N BROMIDE	77125.913	126590	1198168	1	-3.49
3	7.42	NITRATE-N PHOSPHATE-P SULFATE	438.486	287	3778	1	-1.02
			---total(s)---				
0.00			77564.399		1207674		

**290153 DF10**



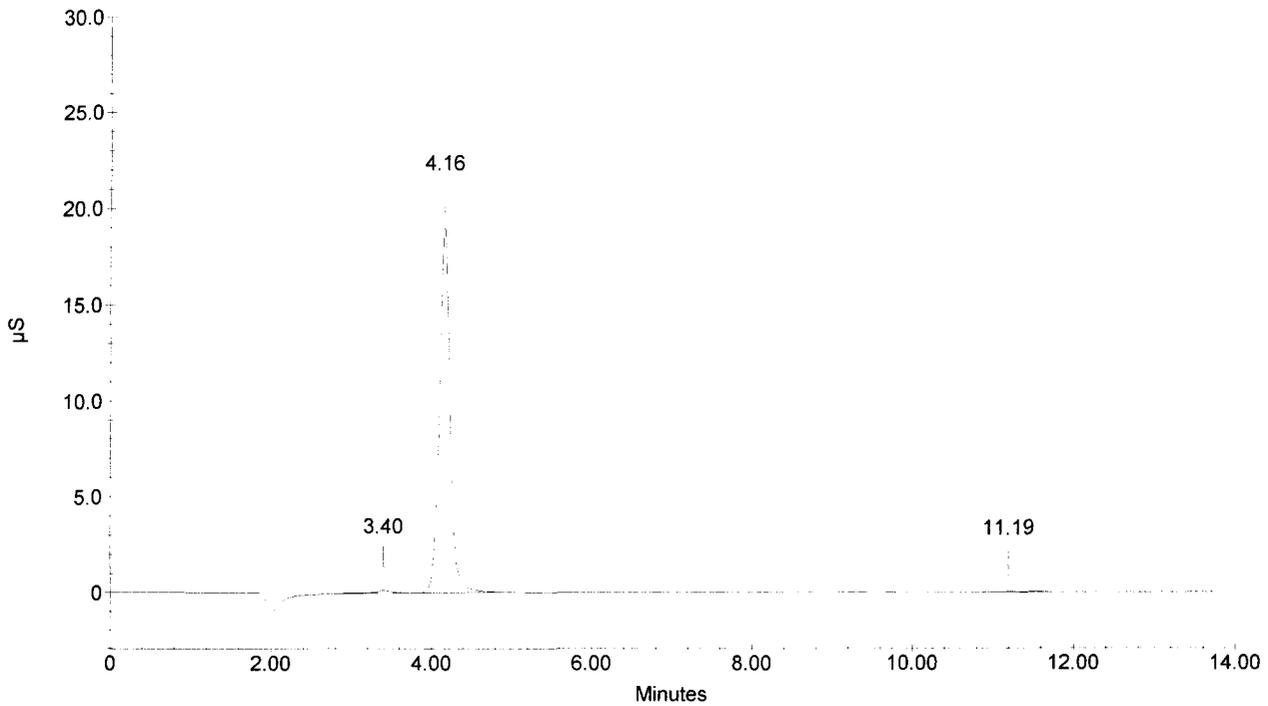
Sample Name : 290154 DF10  
 Dilution Factor : 10.00  
 Injection Number : 31  
 Data File Name : c:\peaknet\data\070131\070131\_031.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 4:01:13 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010250

Peak Information : All Components						
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code %Delta
1	3.40		0.000	1564	23379	2
2	4.16	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	108251.255	190060	1767094	2 -3.33
3	11.19	SULFATE	841.704	184	4348	1 -5.81
			---total(s)---			
0.00			109092.960		1794821	

290154 DF10



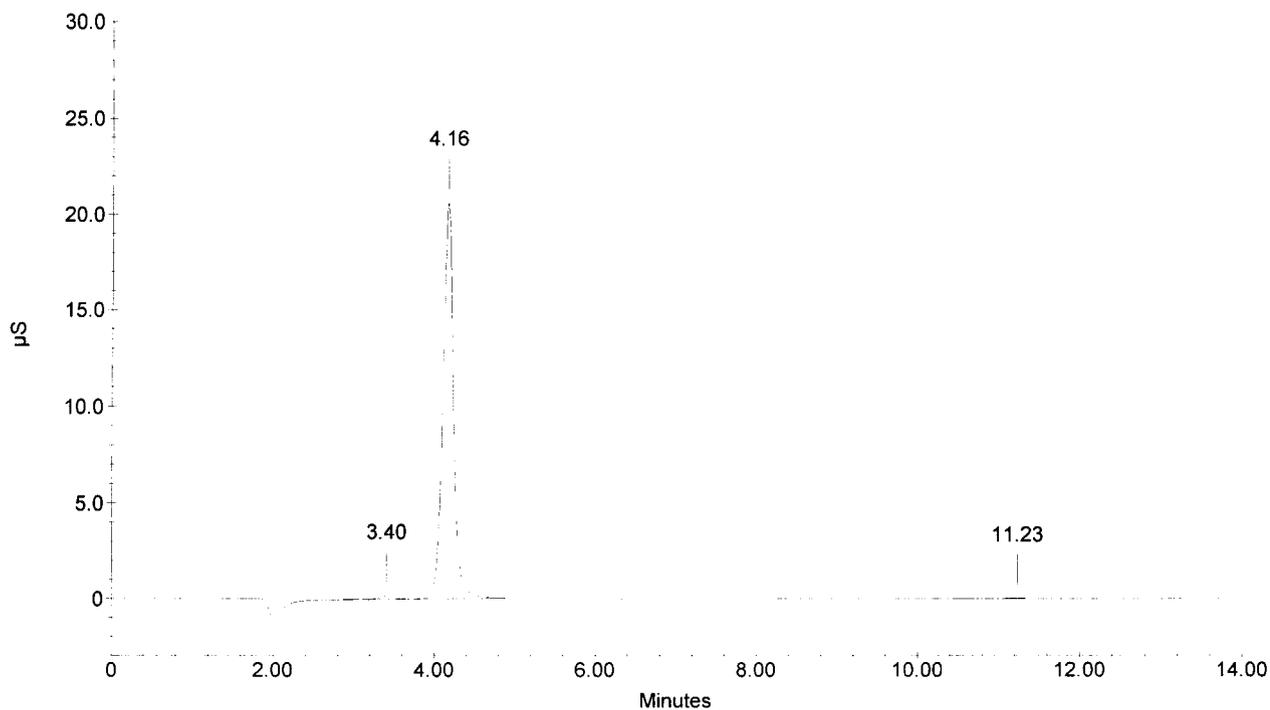
Sample Name : 290156 DF10  
 Dilution Factor : 10.00  
 Injection Number : 32  
 Data File Name : c:\peaknet\data\070131\070131\_032.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 4:17:56 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010251**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	3.40		0.000	1918	25676	1	
2	4.16	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	115747.980	206056	1910378	1	-3.18
3	11.23	SULFATE	545.350	99	1283	1	-5.47
			---total(s)---				
0.00			116293.329		1937337		

**290156 DF10**



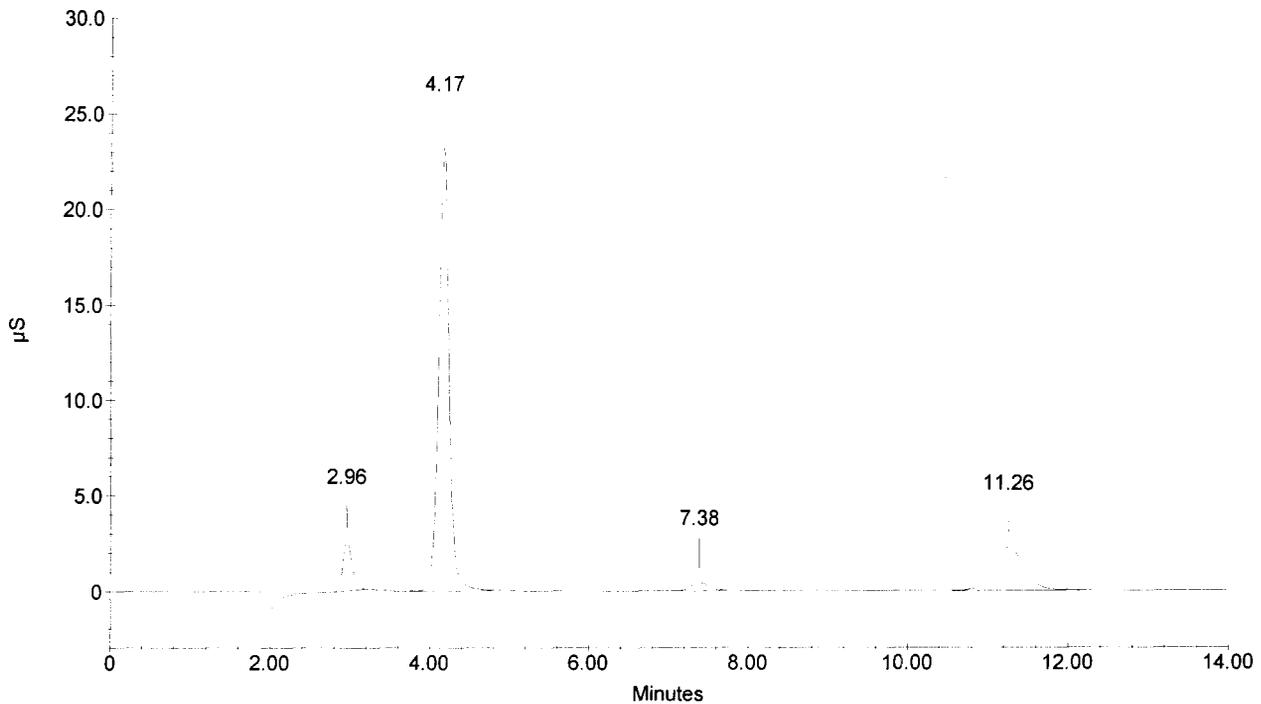
Sample Name : 290158 DF10  
 Dilution Factor : 10.00  
 Injection Number : 33  
 Data File Name : c:\peaknet\data\070131\070131\_033.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 4:34:38 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010252**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.96	FLUORIDE	9174.819	25933	203974	1	-2.10
2	4.17	CHLORIDE NITRITE-N BROMIDE	125371.792	231775	2097136	1	-3.02
3	7.38	NITRATE-N PHOSPHATE-P	2352.685	4385	72388	1	-1.56
4	11.26	SULFATE	55596.674	22419	582624	1	-5.25
			---total(s)---				
0.00			192495.969	2956121			

**290158 DF10**



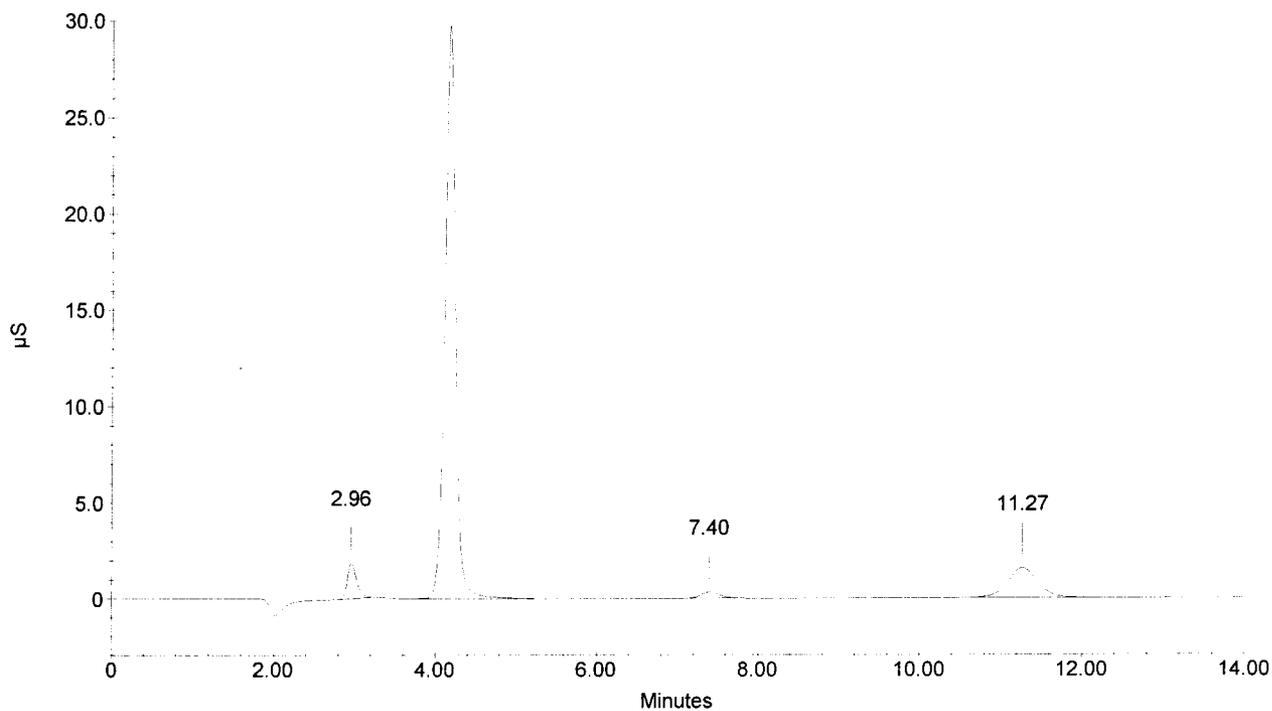
Sample Name : 290160 DF10  
 Dilution Factor : 10.00  
 Injection Number : 34  
 Data File Name : c:\peaknet\data\070131\070131\_034.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 4:51:20 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010253**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.96	FLUORIDE	6773.141	18698	148449	1	-2.10
2	4.18	CHLORIDE NITRITE-N BROMIDE	156162.715	297101	2707789	1	-2.87
3	7.40	NITRATE-N PHOSPHATE-P	1829.590	3274	53599	1	-1.38
4	11.27	SULFATE	39299.685	15695	407935	1	-5.13
			---total(s)---				
0.00			204065.131			3317772	

**290160 DF10**



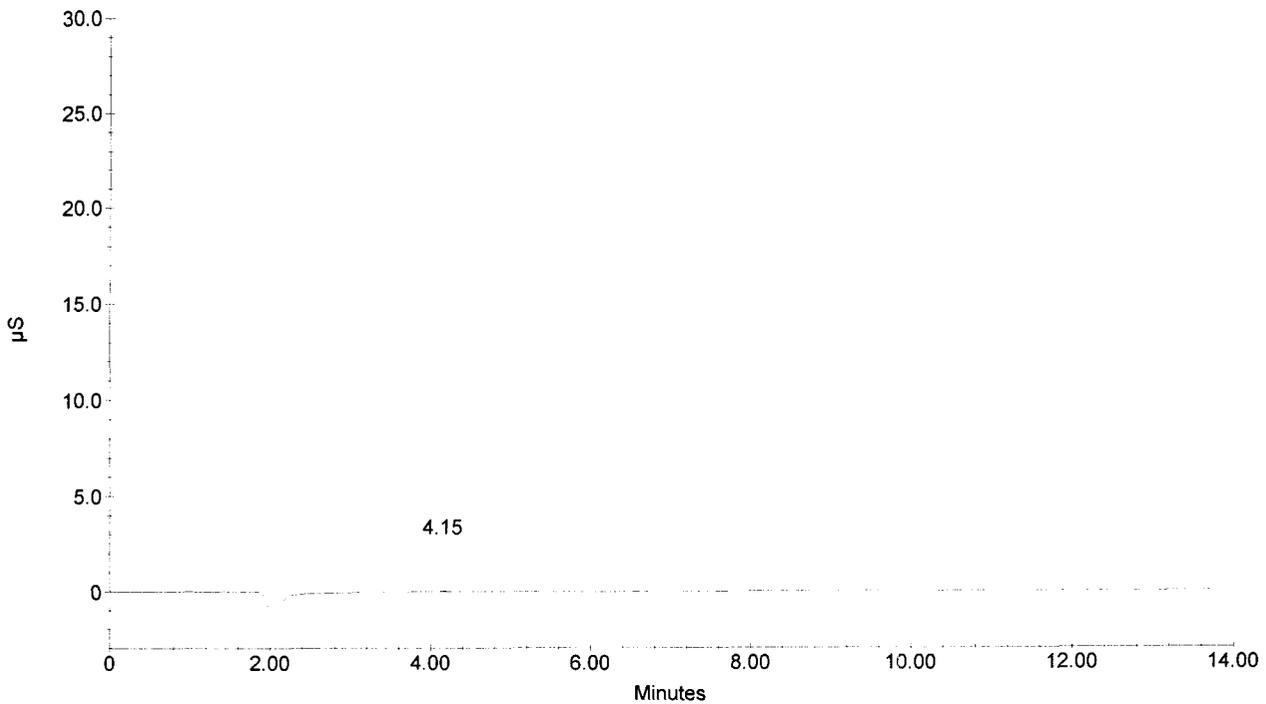
Sample Name : FILTER BLK - RSS  
 Dilution Factor : 10.00  
 Injection Number : 35  
 Data File Name : c:\peaknet\data\070131\070131\_035.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 5:08:03 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010254

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	4.15	CHLORIDE	261.433	181	1397	1	-3.49
1	4.15	CHLORIDE	261.433	181	1397	1	-3.49
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
		PHOSPHATE-P					
		SULFATE					
			---total(s)---				
0.00			522.866		2794		

**FILTER BLK - RSS**



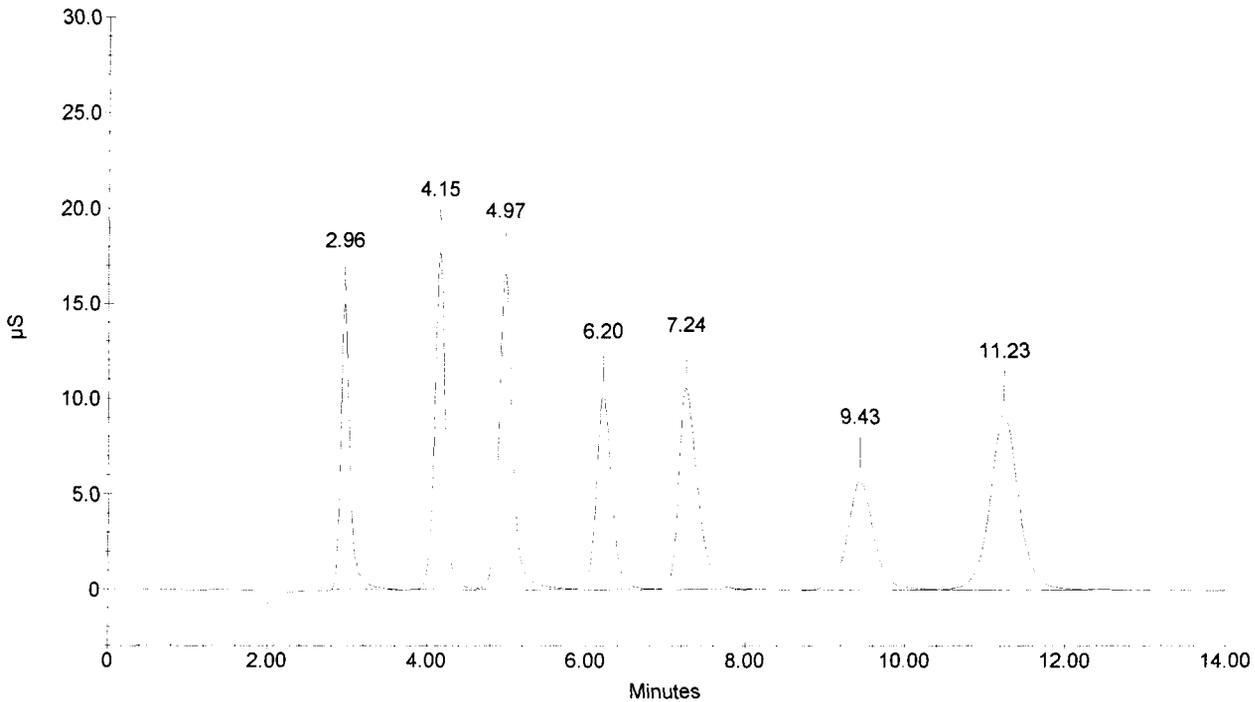
Sample Name : CCV  
 Dilution Factor : 20.00  
 Injection Number : 36  
 Data File Name : c:\peaknet\data\070131\070131\_036.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 5:24:44 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010255**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.96	FLUORIDE	100661.925	149468	1211768	1	-2.10
2	4.15	CHLORIDE	204389.724	176778	1652950	2	-3.49
3	4.97	NITRITE-N	118482.210	165486	2019825	2	-4.42
4	6.20	BROMIDE	404627.041	101738	1376911	2	-4.86
5	7.24	NITRATE-N	91661.606	105024	1746584	2	-3.42
6	9.43	PHOSPHATE-P	197966.473	57105	1331268	2	-4.94
7	11.23	SULFATE	410967.398	91629	2311172	2	-5.47
			---total(s)---				
0.00			1528756.377	11650477			

**CCV**



Sample Name : CCB

Dilution Factor : 1.00

Injection Number : 37

Data File Name : c:\peaknet\data\070131\070131\_037.DXD

Method File Name : c:\peaknet\method\anions061121.met

Schedule File Name : c:\peaknet\schedule\31jan06.sch

Date Time Collected : 2/1/07 5:41:27 AM

System Name : Dx-500

Detector Name : Conductivity Detector

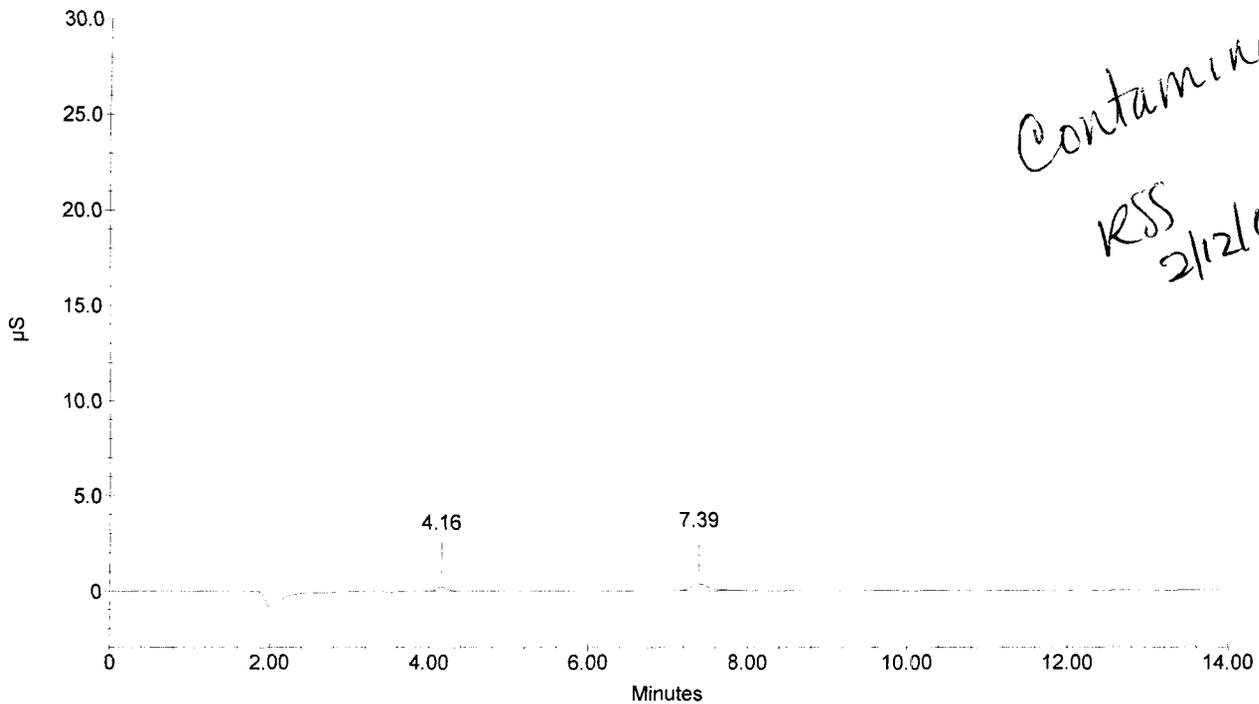
Column Type : AS14-SN#018097 AG14-#019940

System Operator : RSPIES

010256

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	4.16	CHLORIDE	176.897	2334	22117	1	-3.33
1	4.16	CHLORIDE	176.897	2334	22117	1	-3.33
		NITRITE-N					
		BROMIDE					
2	7.39	NITRATE-N	196.492	3496	58457	1	-1.47
		PHOSPHATE-P					
		SULFATE					
			---total(s)---				
0.00			550.285		102692		

CCB



Line	Sample	Sample Type	Level	Method	Data File	Dilution
1	ICV	Sample		anions061121.met	070131_001.dxd	20
2	ICB	Sample		anions061121.met	070131_002.dxd	1
3	FILTER BLK - DH	Sample		anions061121.met	070131_003.dxd	10
4	292486 DF10	Sample		anions061121.met	070201_004.dxd	10
5	⊗ 292487 DF10	Sample		anions061121.met	070201_005.dxd	10
6	292488 DF10	Sample		anions061121.met	070201_006.dxd	10
7	⊗ 292489 DF20	Sample		anions061121.met	070201_007.dxd	20
8	292490 DF10	Sample		anions061121.met	070201_008.dxd	10
9	⊗ 292491 DF10	Sample		anions061121.met	070201_009.dxd	10
10	292492 DF10	Sample		anions061121.met	070201_010.dxd	10
11	⊗ 292493 DF20	Sample		anions061121.met	070201_011.dxd	20
12	292494 DF10	Sample		anions061121.met	070201_012.dxd	10
13	CCV	Sample		anions061121.met	070201_013.dxd	20
14	CCB	Sample		anions061121.met	070201_014.dxd	1
15	290146 DF10	Sample		anions061121.met	070201_015.dxd	10
16	290148 DF10	Sample		anions061121.met	070201_016.dxd	10
17	290150 DF10	Sample		anions061121.met	070201_017.dxd	10
18	290153 DF10	Sample		anions061121.met	070201_018.dxd	10
19	290154 DF10	Sample		anions061121.met	070201_019.dxd	10
20	290156 DF10	Sample		anions061121.met	070201_020.dxd	10
21	290158 DF10	Sample		anions061121.met	070201_021.dxd	10
22	290160 DF10	Sample		anions061121.met	070201_022.dxd	10
23	FILTER BLK - RSS	Sample		anions061121.met	070201_023.dxd	10
24	CCV	Sample		anions061121.met	070201_024.dxd	20
25	CCB	Sample		anions061121.met	070201_025.dxd	1
26	292487 DF100	Sample		anions061121.met	070201_026.dxd	100
27	292489 DF100	Sample		anions061121.met	070201_027.dxd	100
28	292491 DF100	Sample		anions061121.met	070201_028.dxd	100
29	292493 DF100	Sample		anions061121.met	070201_029.dxd	100
30	292495 DF100	Sample		anions061121.met	070201_030.dxd	100
31	292498 DF100	Sample		anions061121.met	070201_031.dxd	100
32	292500 DF100	Sample		anions061121.met	070201_032.dxd	100
33	CCV	Sample		anions061121.met	070201_033.dxd	20
34	CCB	Sample		anions061121.met	070201_034.dxd	1

010257

Default Method Path: C:\PEAKNET\METHOD  
 Default Data Path: C:\PEAKNET\DATA\070201  
 Comment:  
 DIV 20 06002.01.222 TO#061129-7, 070125-1

ICV Sources:

- 1) SPEX LOT#33-13AS (INORG#6254)
  - F = 100 mg/L
  - Cl = 200 mg/L
  - Br = 400 mg/L
  - NO3N = 90.4 mg/L
  - PO4P = 196 mg/L
  - SO4 = 400 mg/L
- 2) 54-01-IC6
  - NO2N 118 mg/L

*RSprint  
2/12/07*

⊗ Cannot report SO<sub>4</sub> from this due to pH.

Sample Name : ICV  
 Dilution Factor : 20.00  
 Injection Number : 1  
 Data File Name : c:\peaknet\data\070201\070131\_001.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

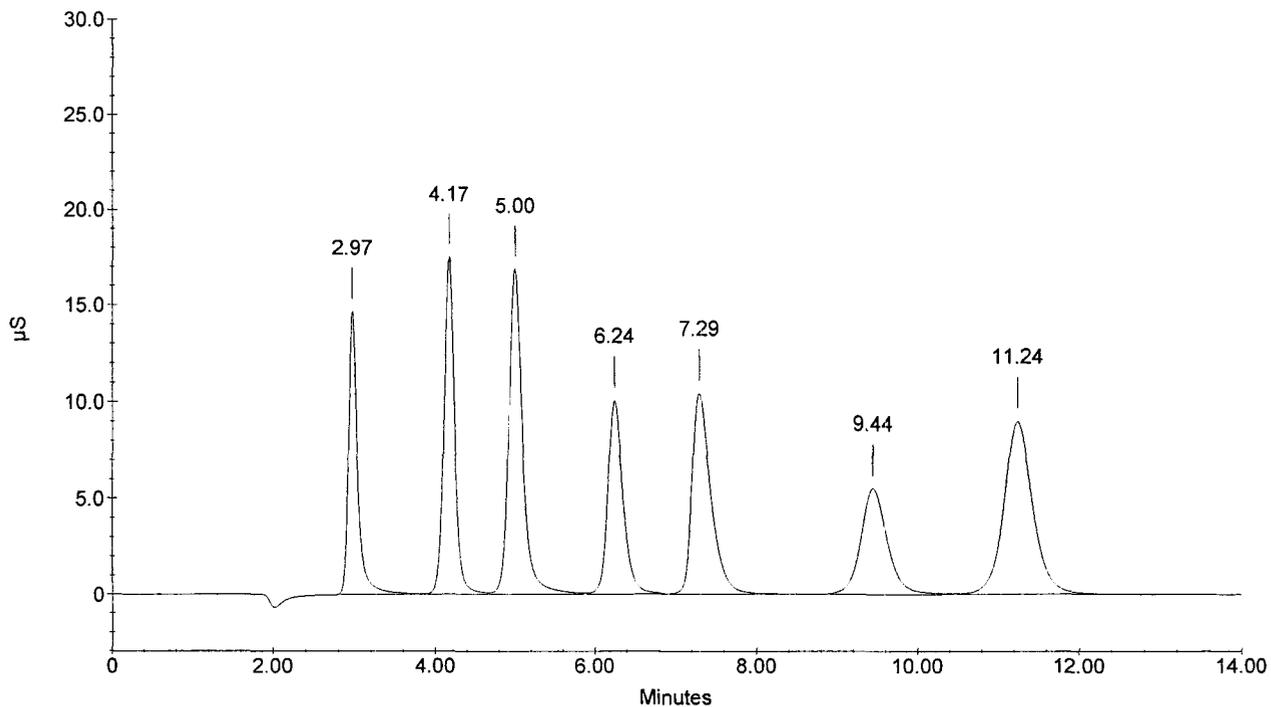
Date Time Collected : 2/1/07 9:19:23 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010258

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.97	FLUORIDE	98802.989	146131	1187879	2	-1.66
2	4.17	CHLORIDE	200306.369	174393	1614819	2	-3.02
3	5.00	NITRITE-N	119556.894	168392	2039474	2	-3.91
4	6.24	BROMIDE	396274.770	100210	1345129	2	-4.24
5	7.29	NITRATE-N	89903.960	103964	1710431	2	-2.80
6	9.44	PHOSPHATE-P	190611.571	55129	1278683	2	-4.81
7	11.24	SULFATE	400722.975	89674	2247900	2	-5.36
			---total(s)---				
0.00			1496179.530		11424316		

ICV



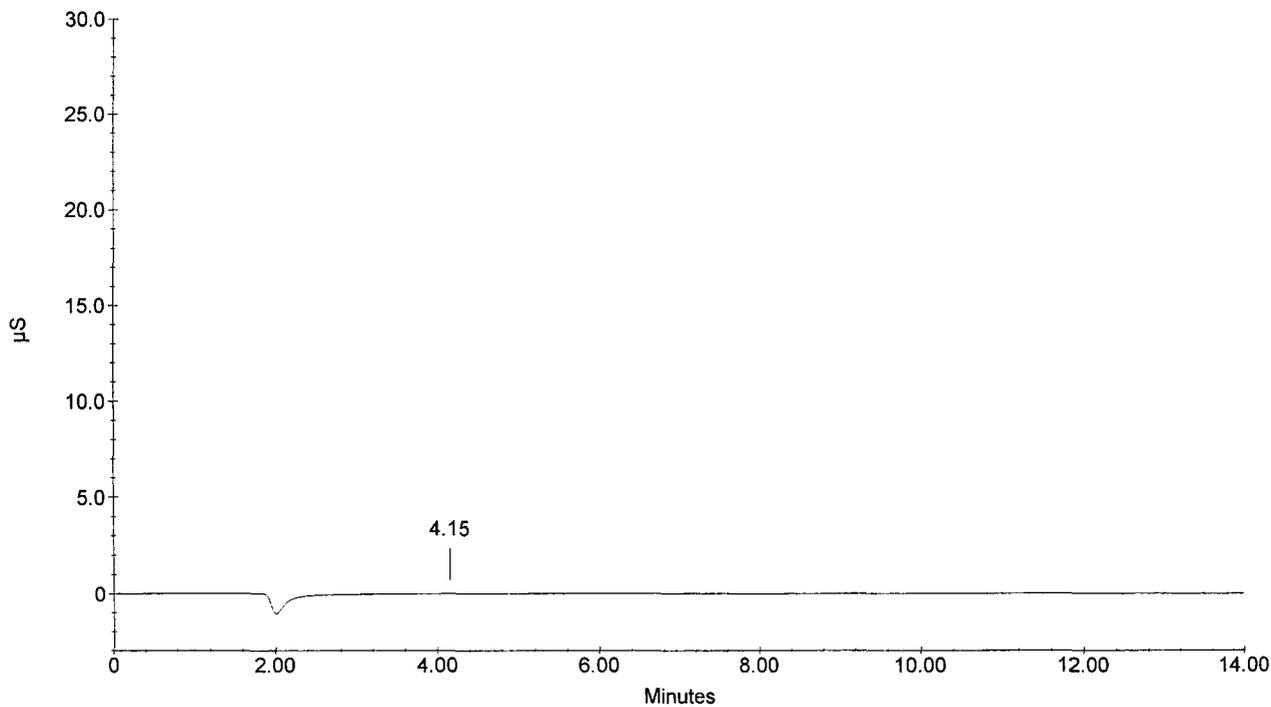
Sample Name : ICB  
 Dilution Factor : 1.00  
 Injection Number : 2  
 Data File Name : c:\peaknet\data\070201\070131\_002.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 9:36:02 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010259

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	4.15	CHLORIDE	22.478	145	894	1	-3.49
1	4.15	CHLORIDE	22.478	145	894	1	-3.49
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
		PHOSPHATE-P					
		SULFATE					
		---total(s)---					
0.00		44.955		1789			

ICB



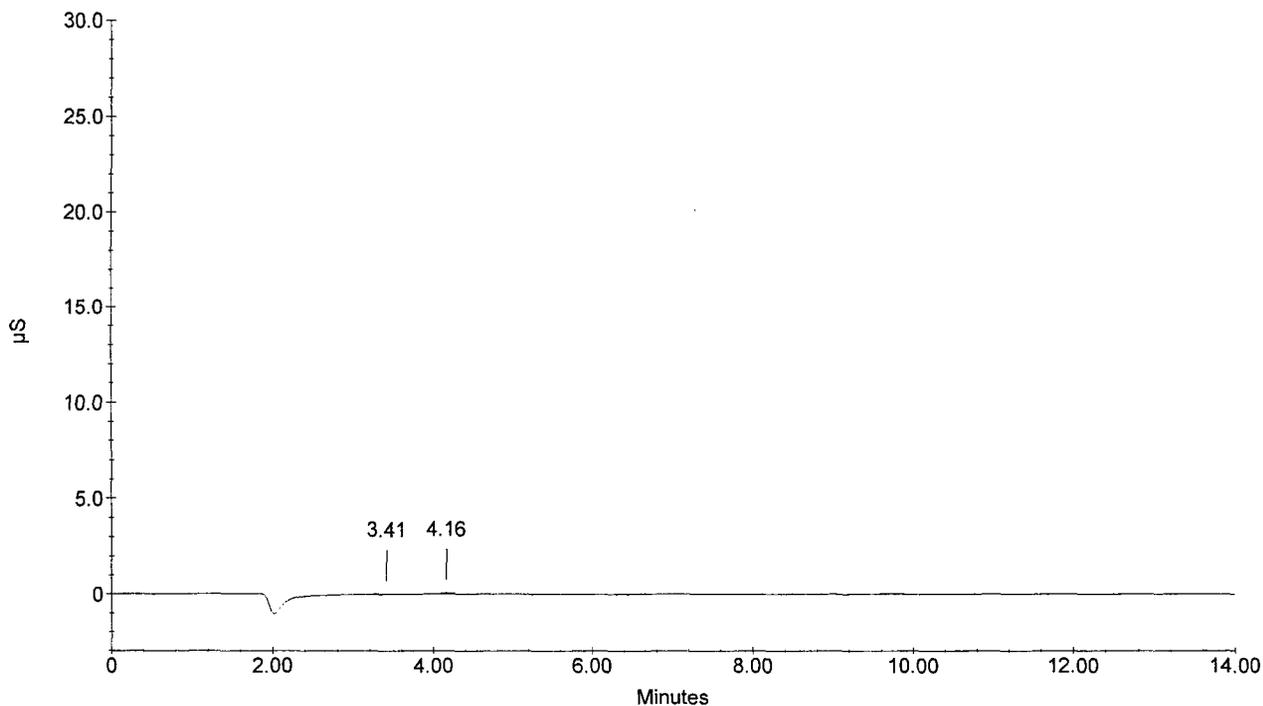
Sample Name : FILTER BLK - DH  
 Dilution Factor : 10.00  
 Injection Number : 3  
 Data File Name : c:\peaknet\data\070201\070131\_003.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 9:52:40 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010260

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	3.41		0.000	304	3483	1	
2	4.16	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P SULFATE	557.123	638	5453	1	-3.33
			---total(s)---				
0.00			557.123		8936		

**FILTER BLK - DH**



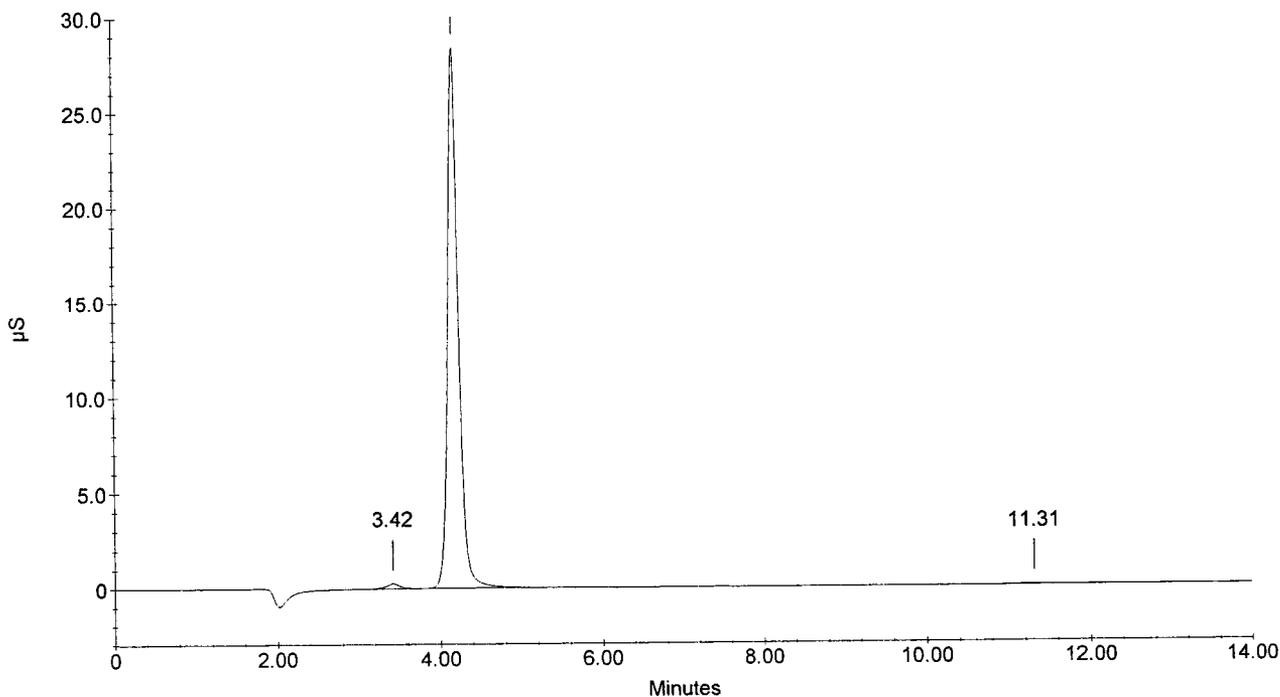
Sample Name : 292486 DF10  
 Dilution Factor : 10.00  
 Injection Number : 4  
 Data File Name : c:\peaknet\data\070201\070201\_004.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 10:09:18 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010261**

Peak Information : All Components							
PK. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	3.42		0.000	2756	32046	1	
2	4.18	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	149907.821	283634	2582933	1	-2.71
3	11.31	SULFATE	1192.656	336	7978	1	-4.80
			---total(s)---				
0.00			151100.477		2622958		

**292486 DF10**



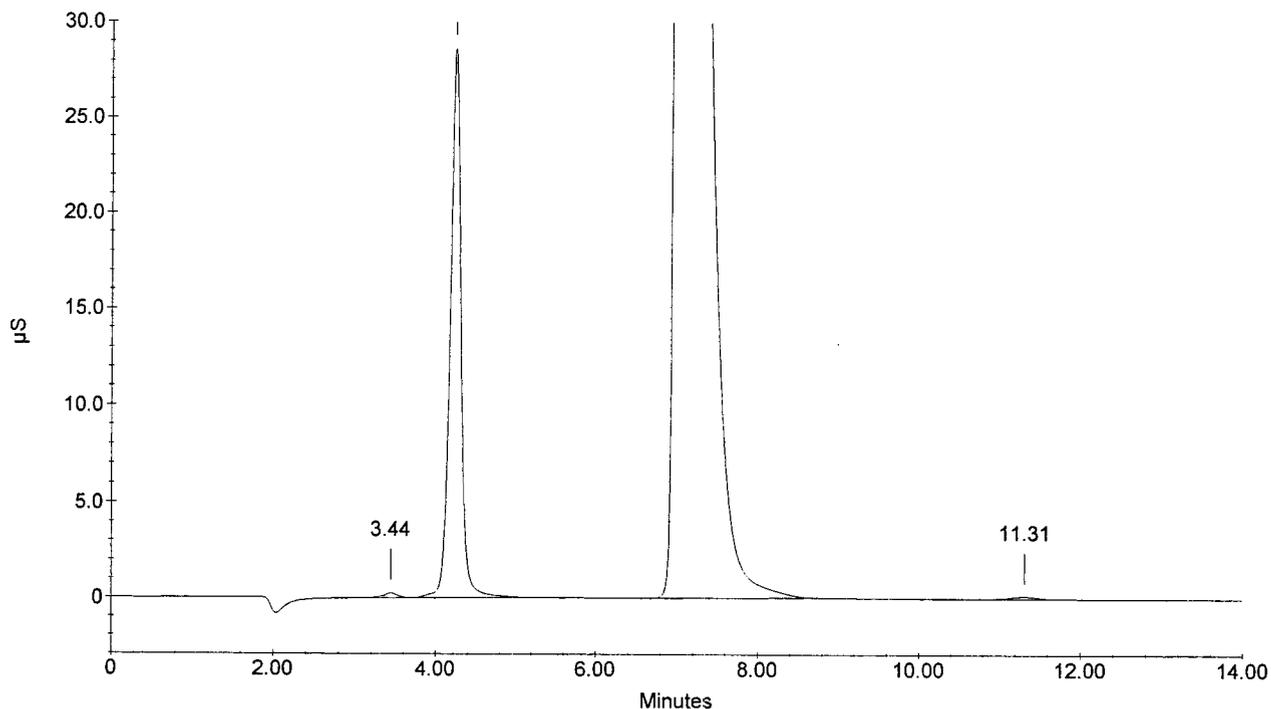
010262

Sample Name : 292487 DF10  
Dilution Factor : 10.00  
Injection Number : 5  
Data File Name : ...070201\_005.DXD  
Method File Name : c:\peaknet\method\anions061121.met  
Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 10:25:58 AM  
System Name : Dx-500  
Detector Name : Conductivity Detector  
Column Type : AS14-SN#018097 AG14-#019940  
System Operator : RSPIES

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	3.44		0.000	2720	36408	2	
2	4.24	CHLORIDE NITRITE-N BROMIDE	153546.934	286258	2655569	2	-1.32
3	7.04	NITRATE-N PHOSPHATE-P	1551500.539	1770999	32796809	1	-6.09
4	11.31	SULFATE	3547.407	1333	32361	1	-4.80
			---total(s)---				
	0.00		1708594.880		35521146		

292487 DF10



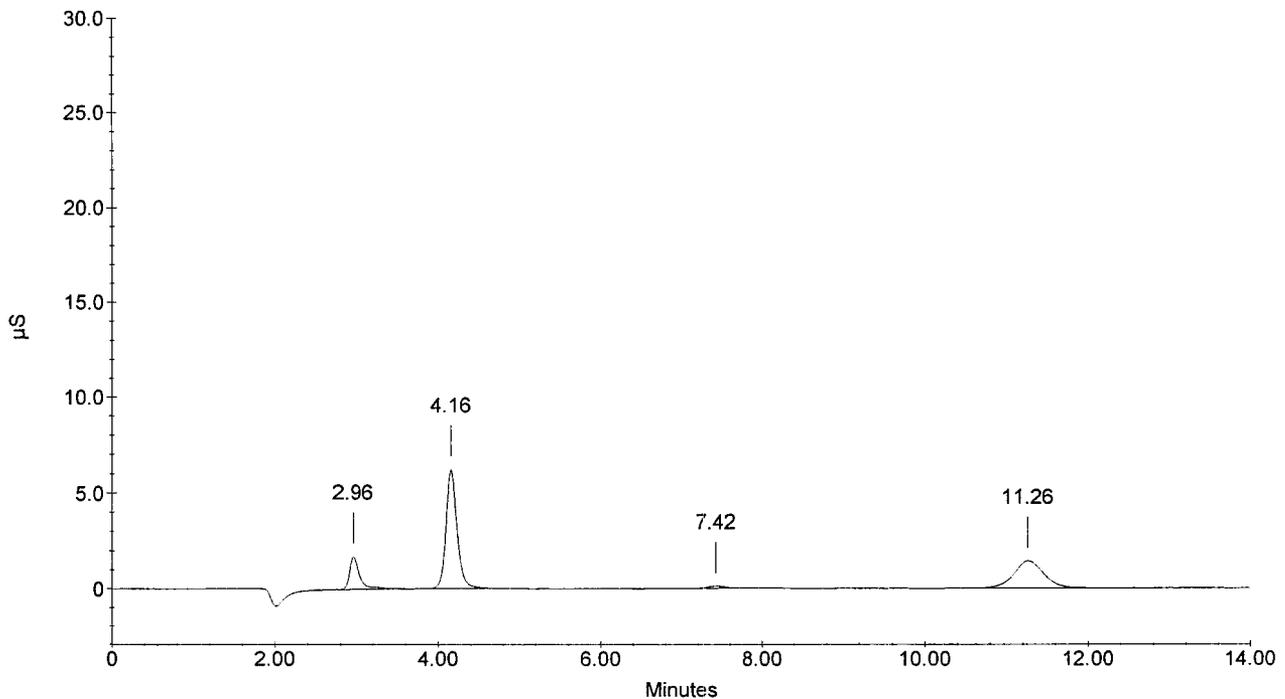
Sample Name : 292488 DF10  
 Dilution Factor : 10.00  
 Injection Number : 6  
 Data File Name : c:\peaknet\data\070201\070201\_006.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 10:42:36 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010263**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.96	FLUORIDE	7175.517	17083	157726	1	-2.10
2	4.16	CHLORIDE NITRITE-N BROMIDE	39733.038	61868	578889	1	-3.33
3	7.42	NITRATE-N PHOSPHATE-P	821.038	1138	17457	1	-1.02
4	11.26	SULFATE	35314.743	14264	365561	1	-5.25
			---total(s)---				
0.00			83044.336			1119633	

**292488 DF10**



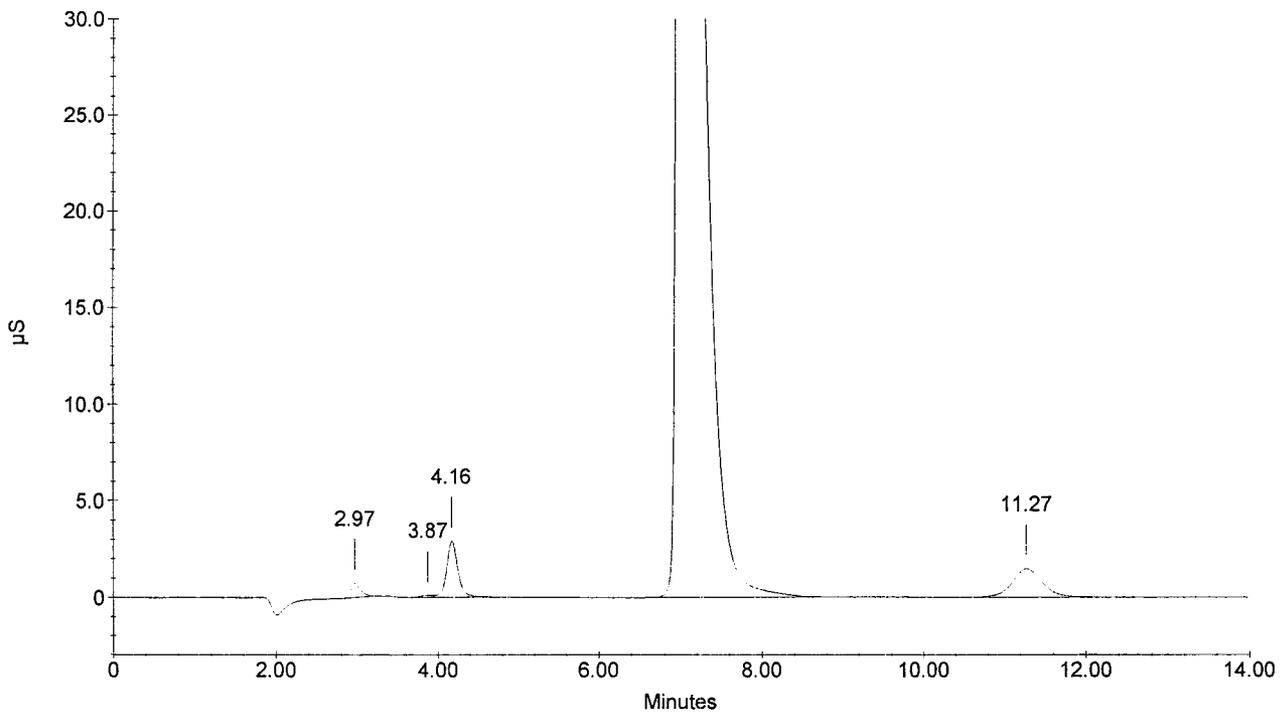
Sample Name : 292489 DF20  
 Dilution Factor : 20.00  
 Injection Number : 7  
 Data File Name : ...070201\_007.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 10:59:14 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010264**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	2.97	FLUORIDE	6041.399	7324	62432	1	-1.66
3	4.16	CHLORIDE NITRITE-N BROMIDE	40549.968	29009	284899	2	-3.18
4	7.04	NITRATE-N PHOSPHATE-P	905150.095	1047407	18522131	1	-6.09
5	11.27	SULFATE	73065.868	14680	378500	1	-5.13
			---total(s)---				
0.00			1024807.330			19247963	

**292489 DF20**



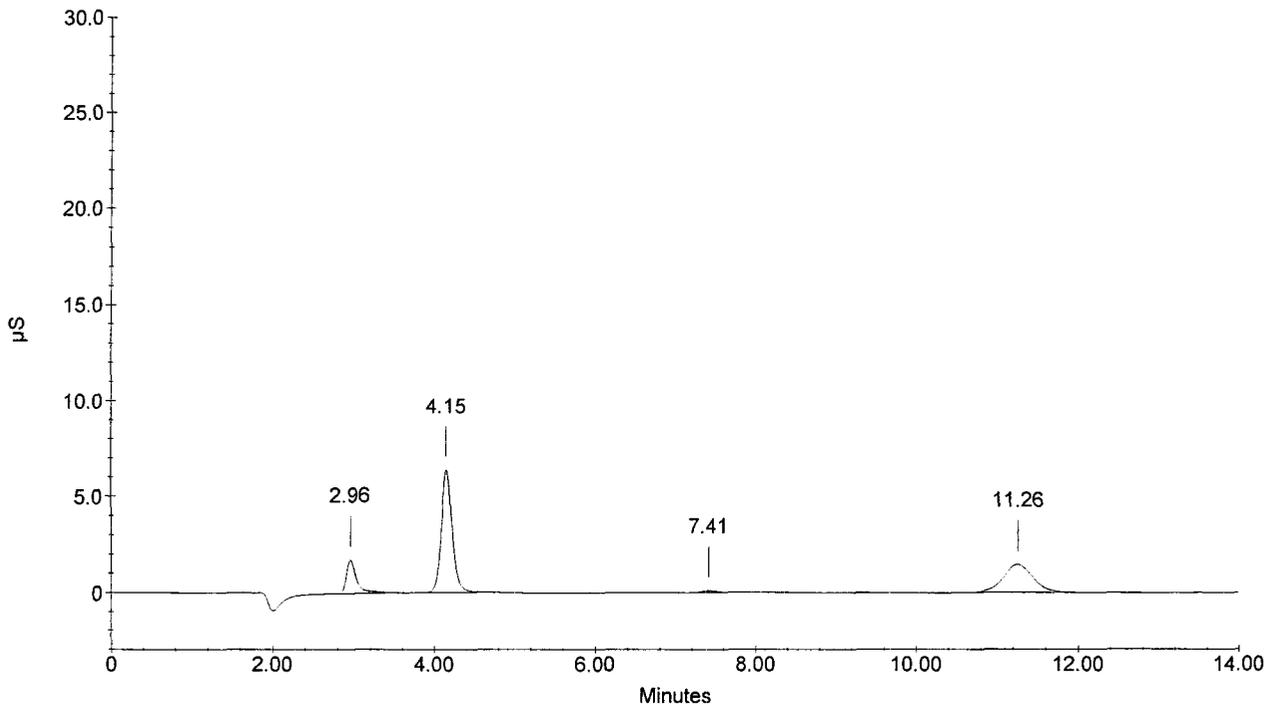
Sample Name : 292490 DF10  
 Dilution Factor : 10.00  
 Injection Number : 8  
 Data File Name : c:\peaknet\data\070201\070201\_008.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 11:15:53 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010265**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.96	FLUORIDE	7225.093	17426	158870	1	-2.10
2	4.15	CHLORIDE NITRITE-N BROMIDE	40668.890	63582	593506	1	-3.49
3	7.41	NITRATE-N PHOSPHATE-P	729.665	946	14188	1	-1.20
4	11.26	SULFATE	35947.542	14403	372281	1	-5.25
			---total(s)---				
0.00			84571.191	1138845			

**292490 DF10**



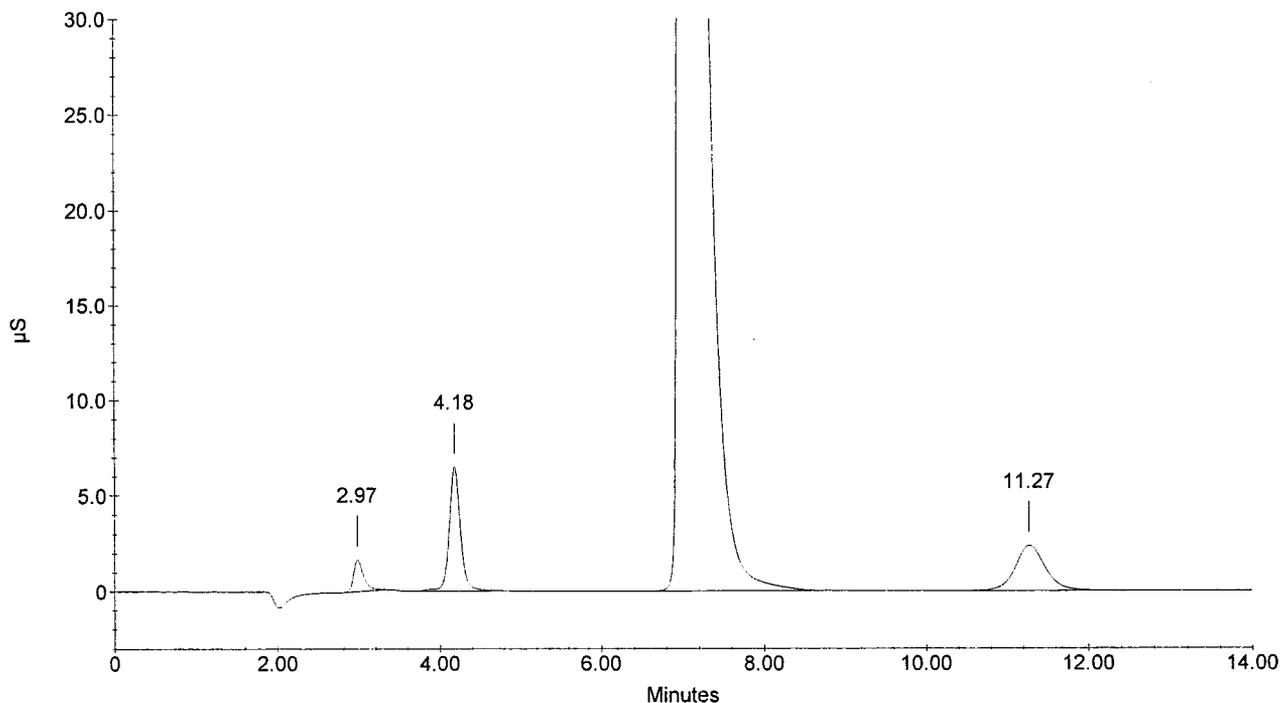
Sample Name : 292491 DF10  
 Dilution Factor : 10.00  
 Injection Number : 9  
 Data File Name : ...070201\_009.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 11:32:32 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010266

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.97	FLUORIDE	6726.004	16560	147363	1	-1.66
2	4.18	CHLORIDE NITRITE-N BROMIDE	43103.450	64933	631740	1	-2.87
3	7.04	NITRATE-N PHOSPHATE-P	599972.009	1212142	21722177	1	-6.18
4	11.27	SULFATE	58891.339	23581	618217	1	-5.13
			---total(s)---				
0.00			708692.801	23119497			

292491 DF10



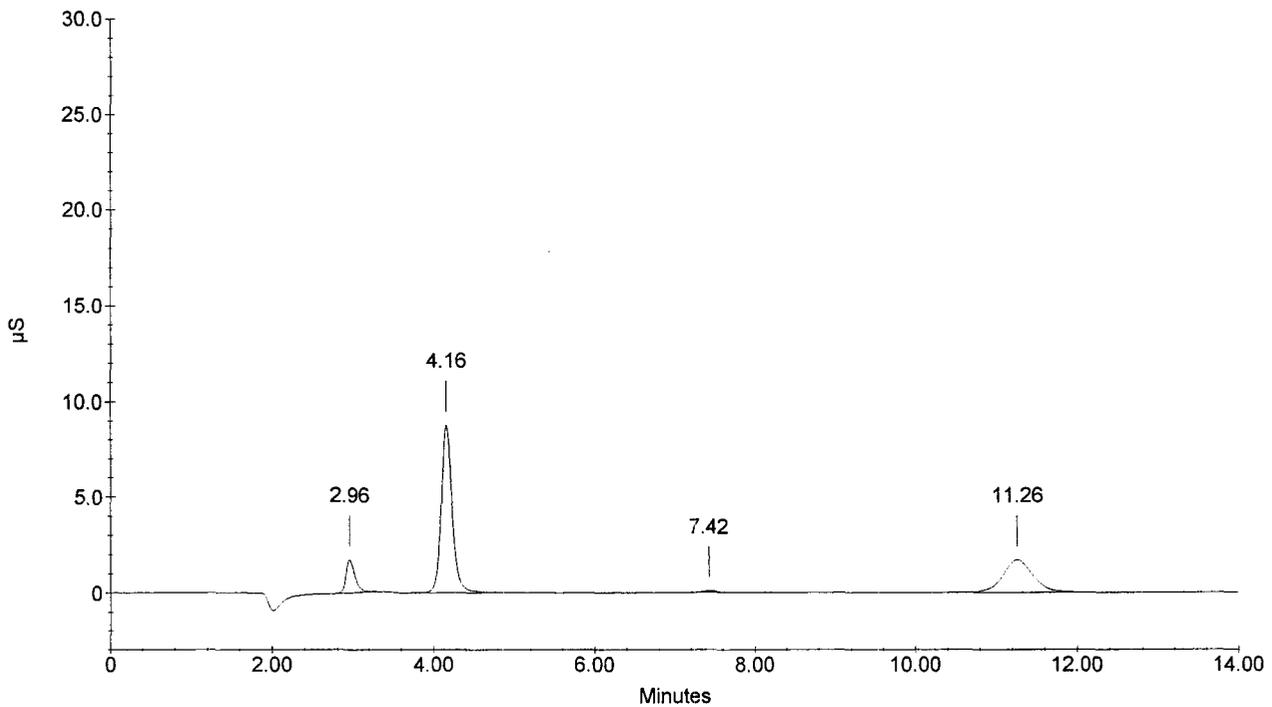
Sample Name : 292492 DF10  
 Dilution Factor : 10.00  
 Injection Number : 10  
 Data File Name : c:\peaknet\data\070201\070201\_010.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 11:49:12 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010267**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.96	FLUORIDE	6334.111	17316	138339	1	-2.10
2	4.16	CHLORIDE NITRITE-N BROMIDE	54891.222	87650	821181	1	-3.33
3	7.42	NITRATE-N PHOSPHATE-P	683.720	831	12545	1	-1.02
4	11.26	SULFATE	42169.218	16944	438530	1	-5.25
			---total(s)---				
0.00			104078.272	1410595			

**292492 DF10**



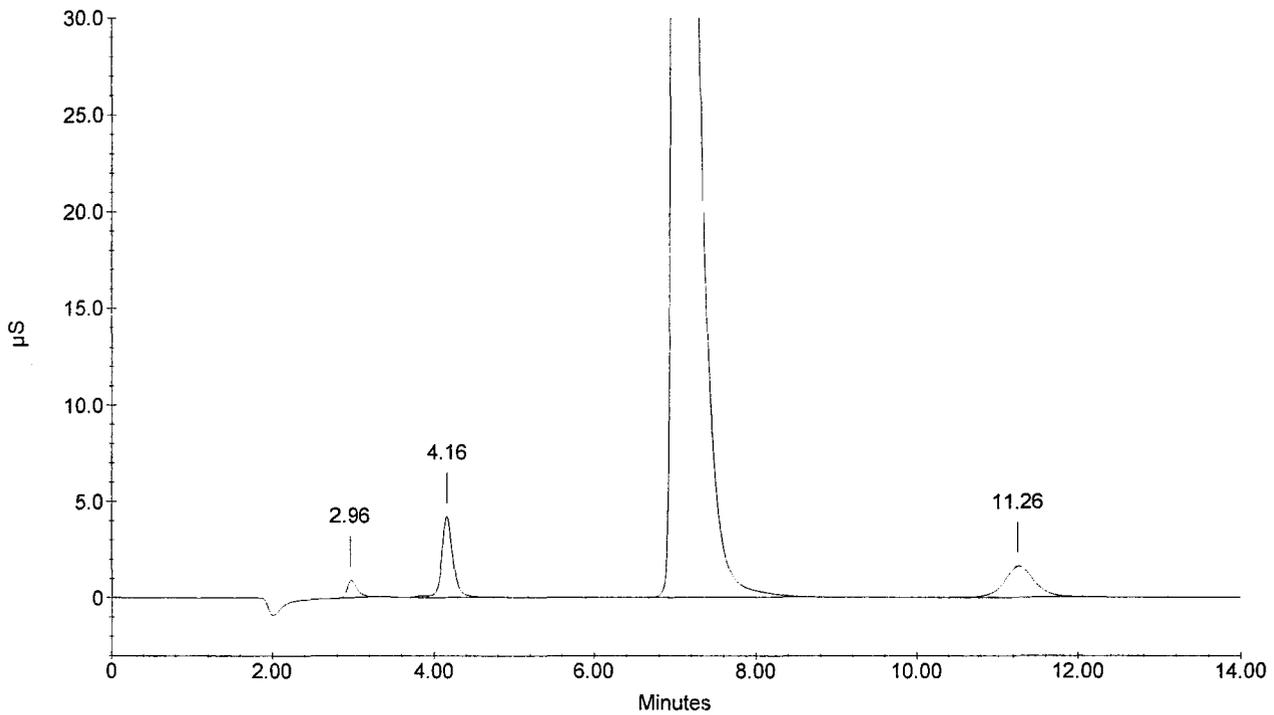
Sample Name : 292493 DF20  
 Dilution Factor : 20.00  
 Injection Number : 11  
 Data File Name : ...070201\_011.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 12:05:49 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010268**

Peak Information : All Components								
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta	
1	2.96	FLUORIDE	7896.633	9211	83612	1	-1.88	
2	4.16	CHLORIDE NITRITE-N BROMIDE	58567.809	41958	418686	1	-3.18	
3	7.05	NITRATE-N PHOSPHATE-P	762981.272	940437	16560480	1	-6.00	
4	11.26	SULFATE	81621.912	16129	424040	1	-5.25	
			---total(s)---					
0.00			911067.626			17486819		

**292493 DF20**



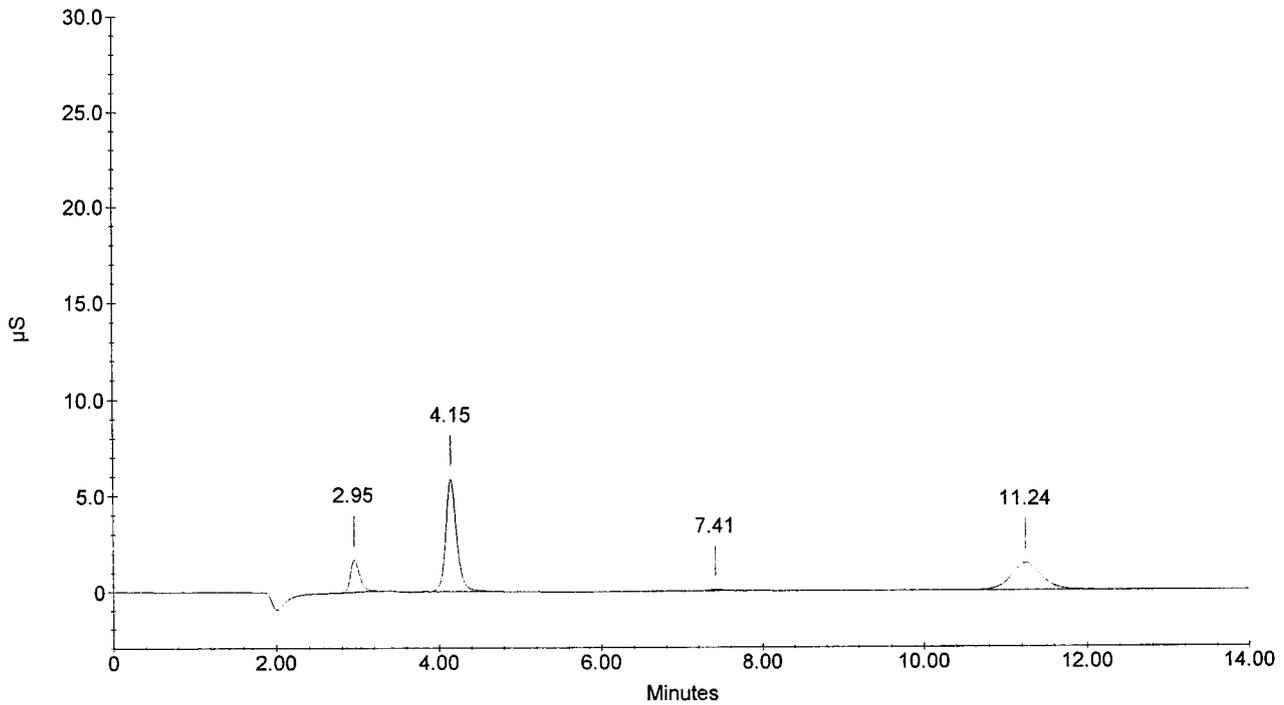
Sample Name : 292494 DF10  
 Dilution Factor : 10.00  
 Injection Number : 12  
 Data File Name : c:\peaknet\data\070201\070201\_012.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 12:22:23 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010269

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	2.95	FLUORIDE	6240.588	16935	136187	1	-2.32
2	4.15	CHLORIDE NITRITE-N BROMIDE	37873.475	58435	549977	1	-3.49
3	7.41	NITRATE-N PHOSPHATE-P	645.023	725	11161	1	-1.20
4	11.24	SULFATE	36091.609	14321	373811	1	-5.36
			---total(s)---				
0.00			80850.695		1071136		

292494 DF10



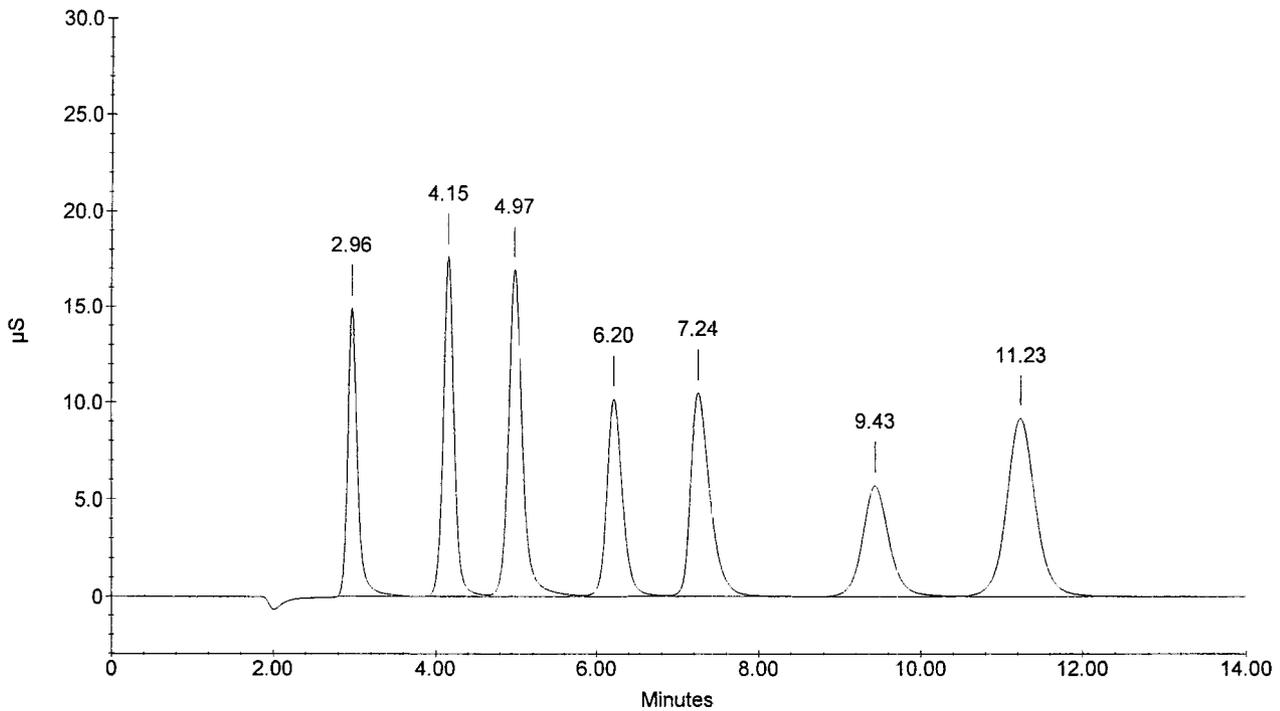
Sample Name : CCV  
 Dilution Factor : 20.00  
 Injection Number : 13  
 Data File Name : c:\peaknet\data\070201\070201\_013.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 12:39:02 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010270

Peak Information : All Components								
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta	
1	2.96	FLUORIDE	100773.510	148701	1213203	1	-2.10	
2	4.15	CHLORIDE	203253.268	175773	1642319	2	-3.49	
3	4.97	NITRITE-N	120793.477	168986	2062108	2	-4.42	
4	6.20	BROMIDE	404912.509	101572	1378001	2	-4.86	
5	7.24	NITRATE-N	91811.651	104833	1749675	2	-3.42	
6	9.43	PHOSPHATE-P	196995.569	56844	1324310	2	-4.94	
7	11.23	SULFATE	409914.264	91566	2304651	2	-5.47	
			---total(s)---					
0.00			1528454.247	11674268				

CCV



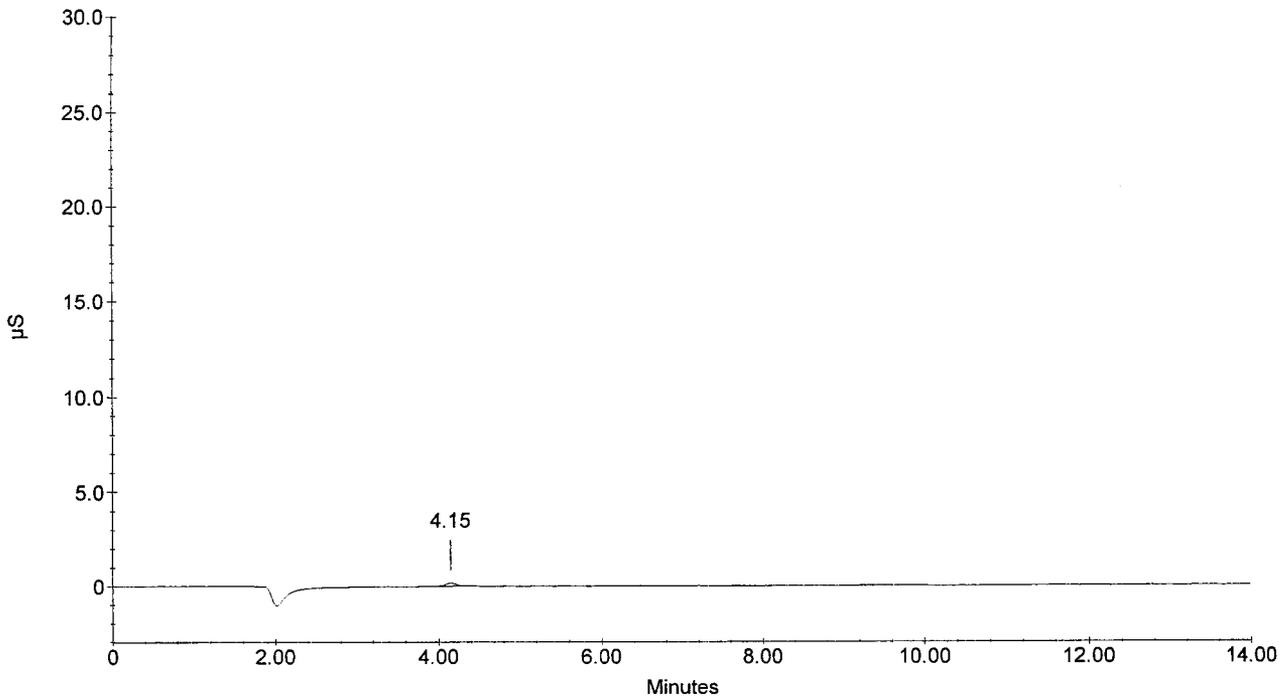
Sample Name : CCB  
 Dilution Factor : 1.00  
 Injection Number : 14  
 Data File Name : c:\peaknet\data\070201\070201\_014.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 12:55:41 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010271

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	4.15	CHLORIDE	129.862	1733	15642	1	-3.49
1	4.15	CHLORIDE	129.862	1733	15642	1	-3.49
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
		PHOSPHATE-P					
		SULFATE					
0.00		---total(s)---		259.724		31284	

CCB



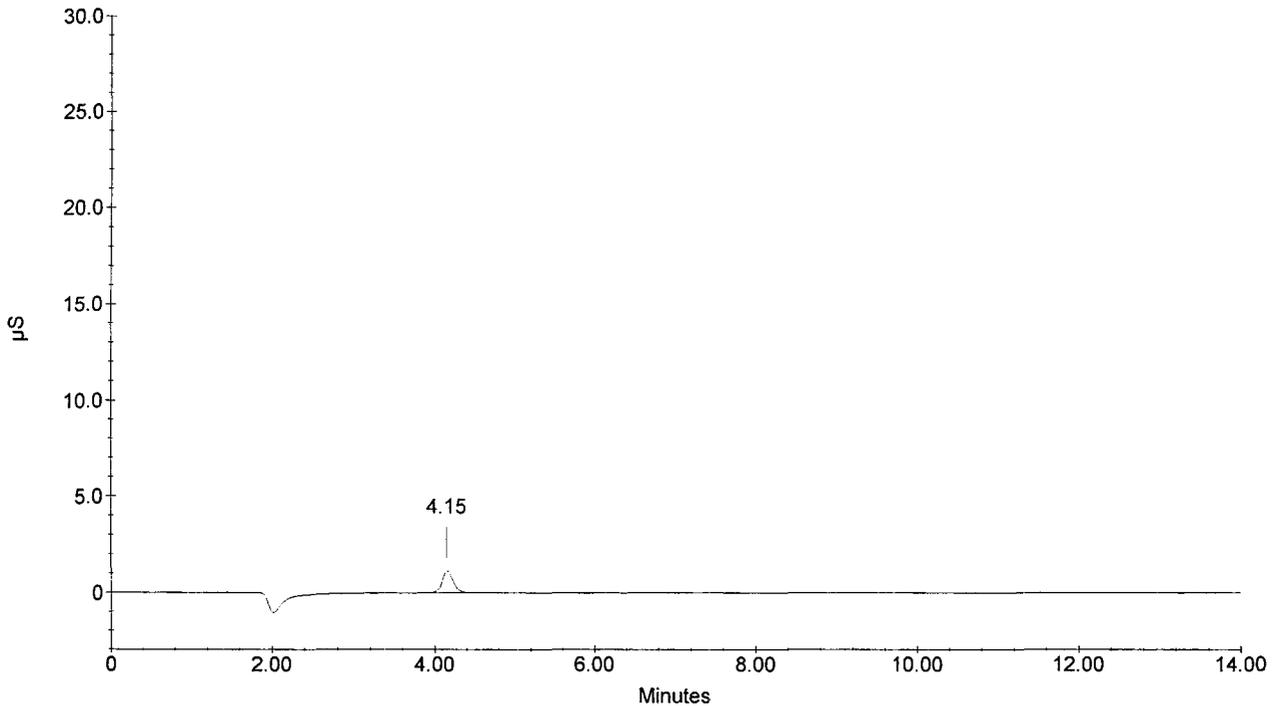
Sample Name : 290146 DF10  
 Dilution Factor : 10.00  
 Injection Number : 15  
 Data File Name : c:\peaknet\data\070201\070201\_015.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 1:12:20 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010272**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	4.15	CHLORIDE	7949.413	11158	108127	1	-3.49
1	4.15	CHLORIDE	7949.413	11158	108127	1	-3.49
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
		PHOSPHATE-P					
		SULFATE					
			---total(s)---				
0.00			15898.825		216253		

**290146 DF10**



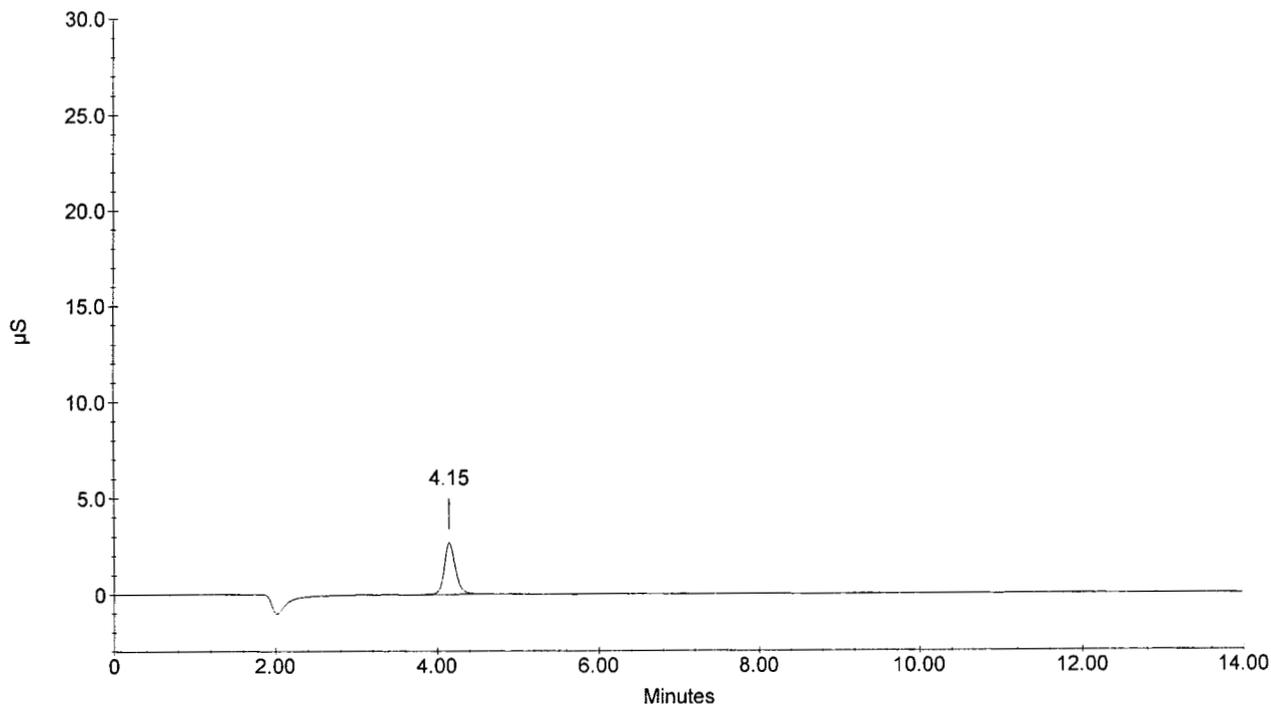
010273

Sample Name : 290148 DF10  
Dilution Factor : 10.00  
Injection Number : 16  
Data File Name : c:\peaknet\data\070201\070201\_016.DXD  
Method File Name : c:\peaknet\method\anions061121.met  
Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 1:28:59 PM  
System Name : Dx-500  
Detector Name : Conductivity Detector  
Column Type : AS14-SN#018097 AG14-#019940  
System Operator : RSPIES

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	4.15	CHLORIDE	18886.480	27033	264628	1	-3.49
1	4.15	CHLORIDE	18886.480	27033	264628	1	-3.49
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
		PHOSPHATE-P					
		SULFATE					
			---total(s)---				
0.00			37772.960		529255		

290148 DF10



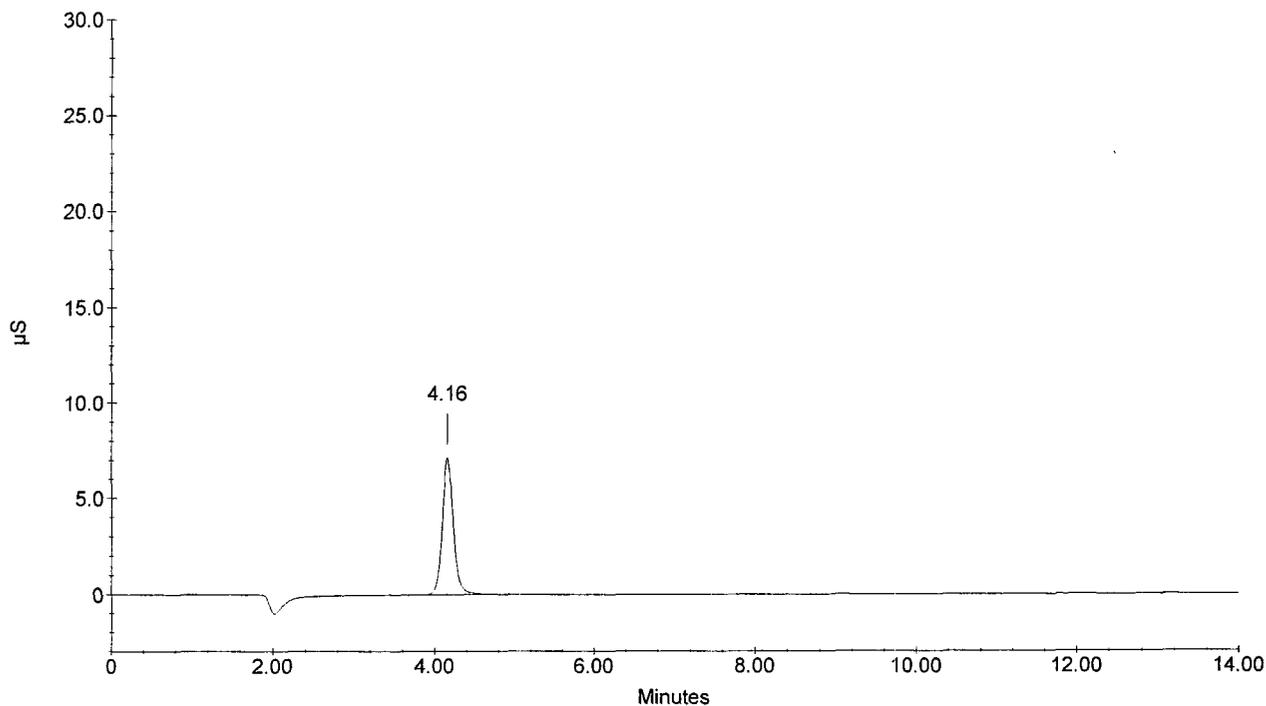
010274

Sample Name : 290150 DF10  
Dilution Factor : 10.00  
Injection Number : 17  
Data File Name : c:\peaknet\data\070201\070201\_017.DXD  
Method File Name : c:\peaknet\method\anions061121.met  
Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 1:45:38 PM  
System Name : Dx-500  
Detector Name : Conductivity Detector  
Column Type : AS14-SN#018097 AG14-#019940  
System Operator : RSPIES

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	4.16	CHLORIDE	46235.449	71351	681374	1	-3.33
1	4.16	CHLORIDE	46235.449	71351	681374	1	-3.33
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
		PHOSPHATE-P					
		SULFATE					
			---total(s)---				
0.00			92470.897		1362749		

290150 DF10



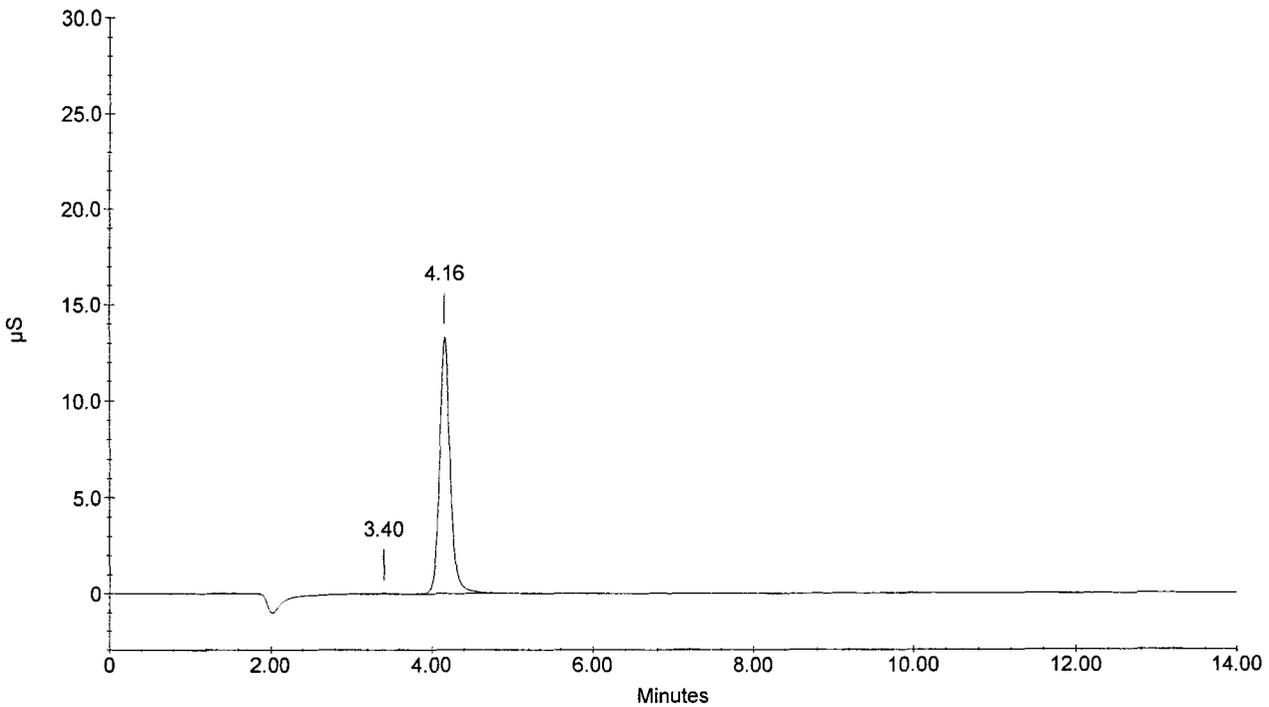
Sample Name : 290153 DF10  
 Dilution Factor : 10.00  
 Injection Number : 18  
 Data File Name : c:\peaknet\data\070201\070201\_018.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 2:02:16 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010275

Peak Information : All Components						
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code %Delta
1	3.40		0.000	500	6396	1
2	4.16	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P SULFATE	79959.704	133167	1248044	1 -3.33
			---total(s)---			
0.00			79959.704		1254440	

290153 DF10



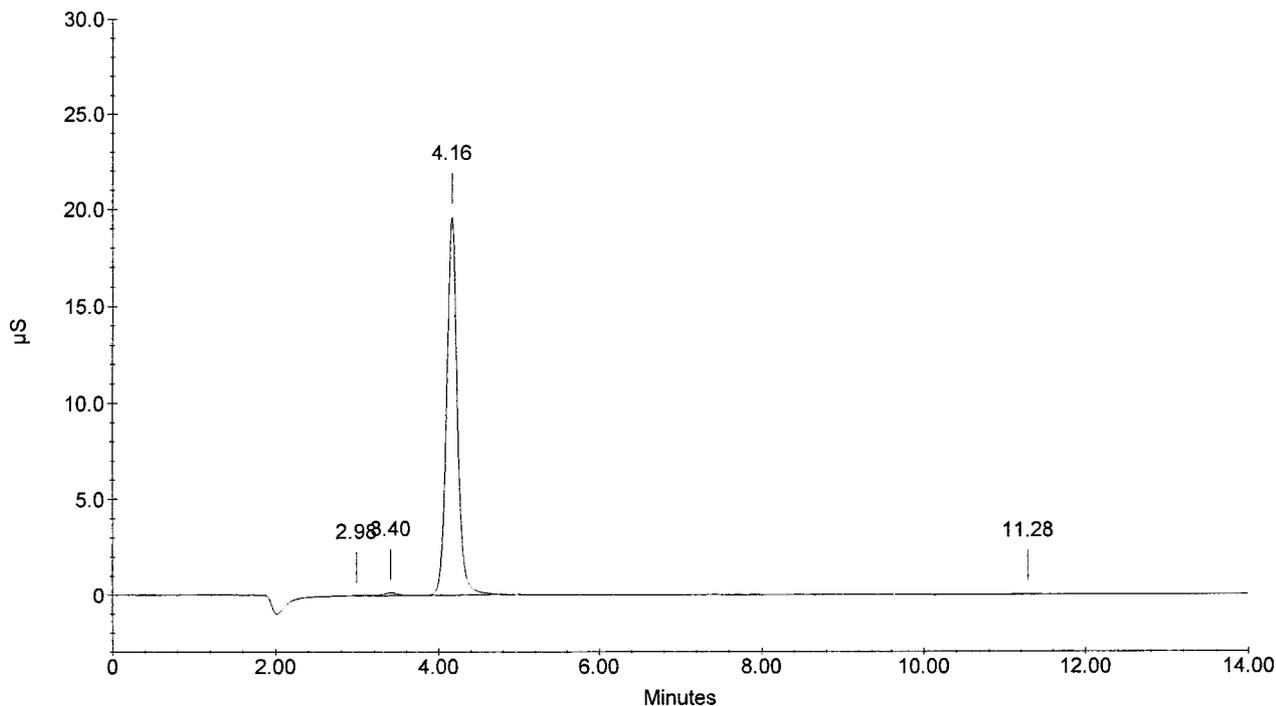
Sample Name : 290154 DF10  
 Dilution Factor : 10.00  
 Injection Number : 19  
 Data File Name : c:\peaknet\data\070201\070201\_019.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 2:18:55 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010276**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.98	FLUORIDE	339.398	186	1519	2	-1.21
3	4.16	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	110369.639	196056	1807368	1	-3.18
4	11.28	SULFATE	777.194	201	3681	1	-5.02
			---total(s)---				
0.00			111486.231			1812568	

**290154 DF10**



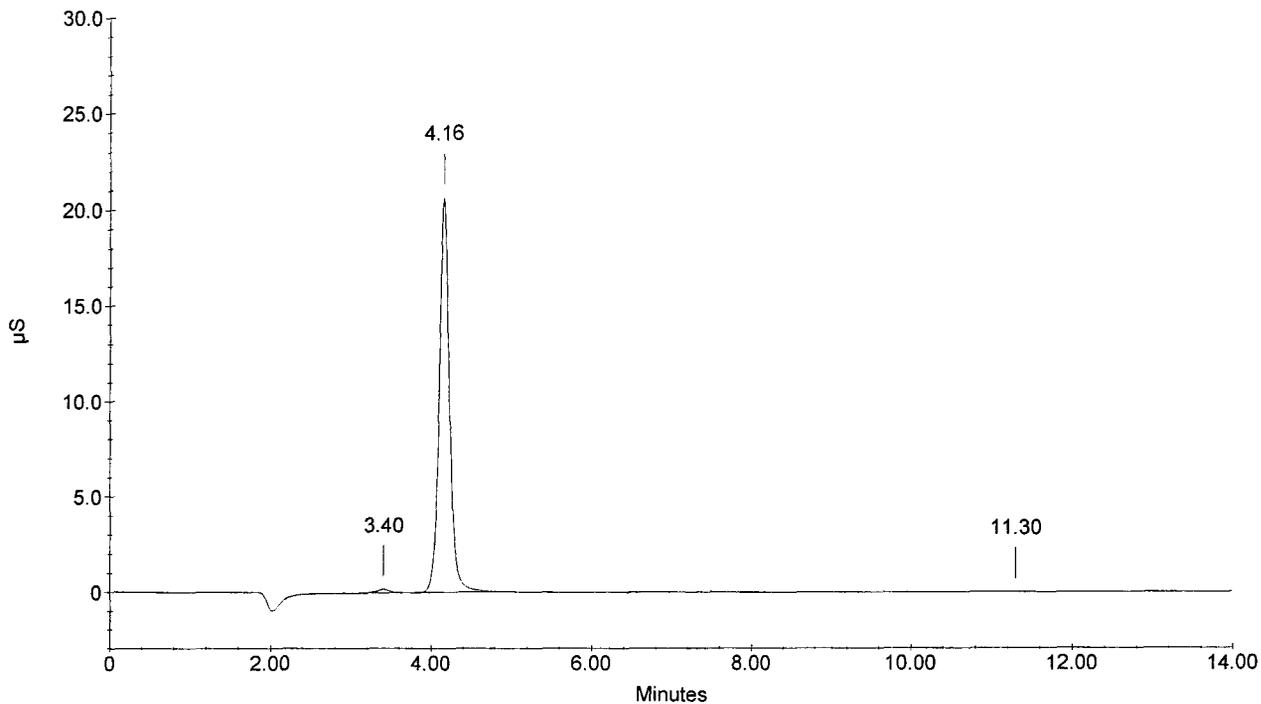
Sample Name : 290156 DF10  
 Dilution Factor : 10.00  
 Injection Number : 20  
 Data File Name : c:\peaknet\data\070201\070201\_020.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 2:35:36 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010277**

Peak Information : All Components						
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code %Delta
1	3.40		0.000	1930	25859	2
2	4.16	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	115398.696	206513	1903656	2 -3.18
3	11.30	SULFATE	781.458	186	3725	1 -4.91
			---total(s)---			
0.00			116180.154		1933241	

**290156 DF10**

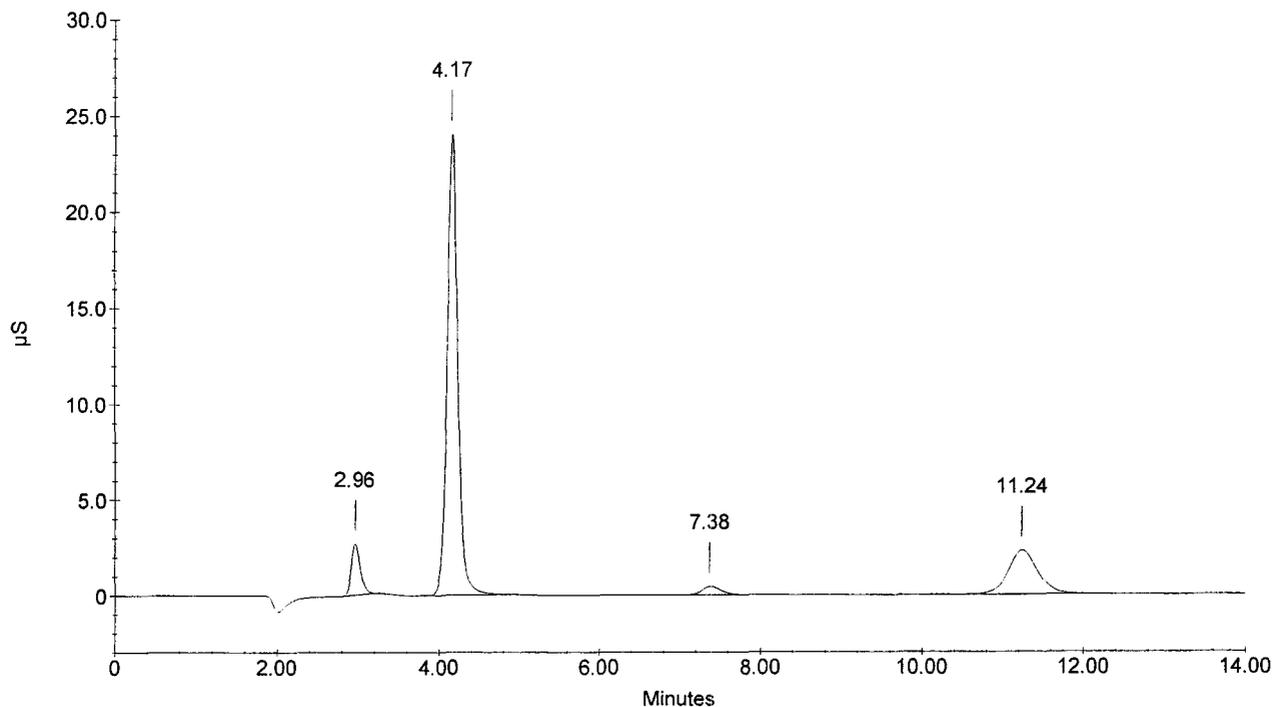


Sample Name : 290158 DF10  
 Dilution Factor : 10.00  
 Injection Number : 21  
 Data File Name : c:\peaknet\data\070201\070201\_021.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 2:52:13 PM **010278**  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.96	FLUORIDE	9415.438	26783	209557	1	-2.10
2	4.17	CHLORIDE NITRITE-N BROMIDE	128570.590	240234	2159810	1	-3.02
3	7.38	NITRATE-N PHOSPHATE-P	2382.907	4490	73475	1	-1.64
4	11.24	SULFATE	56427.249	23131	591587	1	-5.36
			---total(s)---				
0.00			196796.185	3034429			

**290158 DF10**



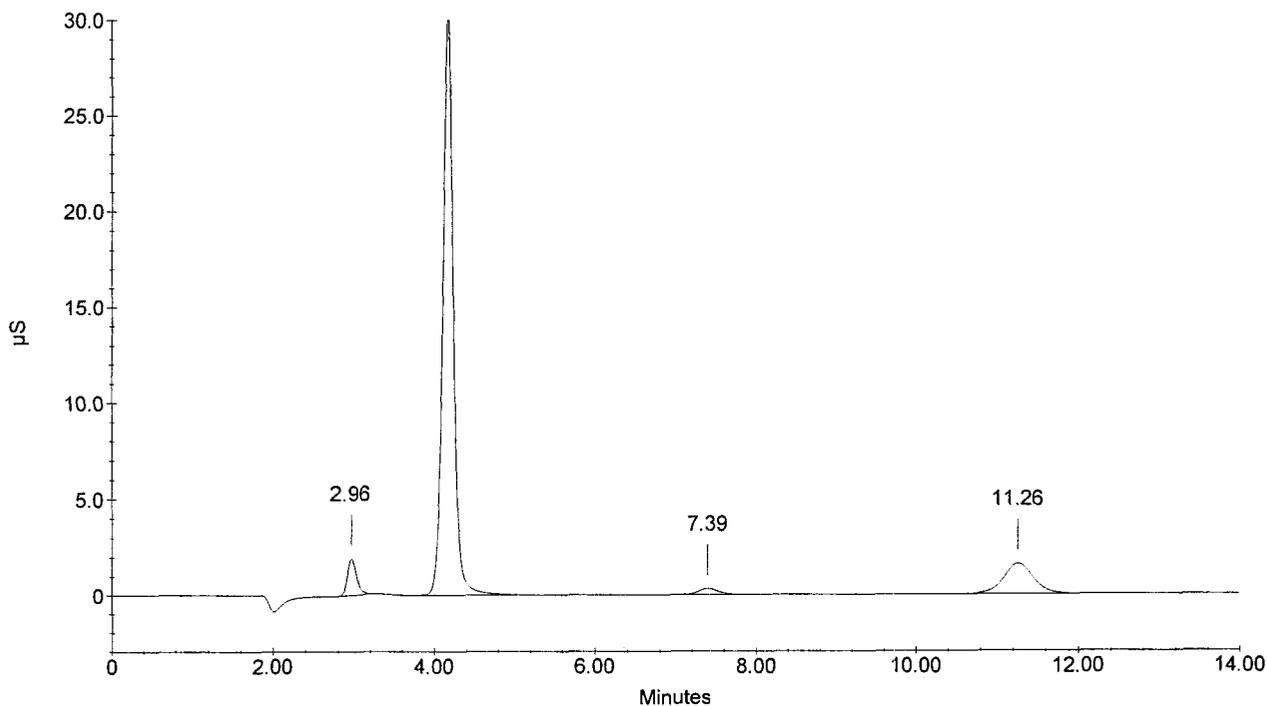
Sample Name : 290160 DF10  
 Dilution Factor : 10.00  
 Injection Number : 22  
 Data File Name : c:\peaknet\data\070201\070201\_022.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 3:08:52 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010279**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.96	FLUORIDE	6942.103	19186	152343	1	-2.10
2	4.18	CHLORIDE NITRITE-N BROMIDE	158549.968	304230	2755437	1	-2.87
3	7.39	NITRATE-N PHOSPHATE-P	1816.313	3300	53122	1	-1.47
4	11.26	SULFATE	39627.873	15989	411430	1	-5.25
			---total(s)---				
0.00			206936.257			3372333	

**290160 DF10**



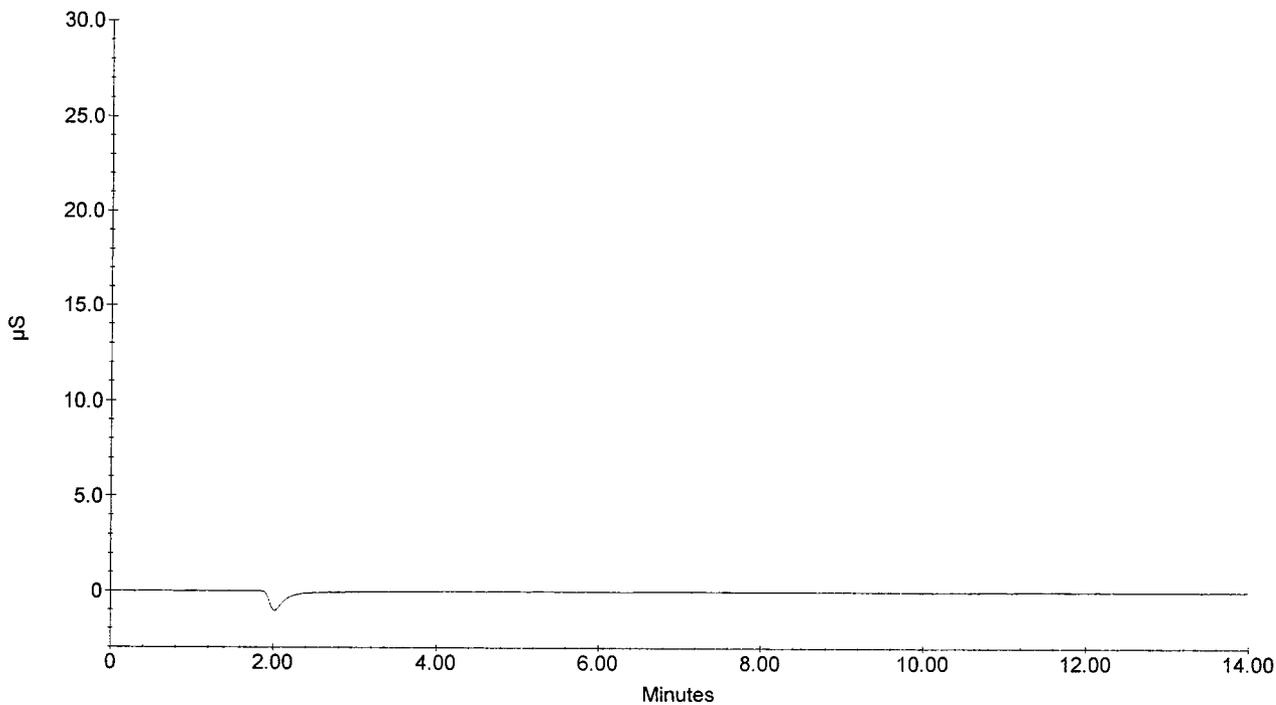
Sample Name : FILTER BLK - RSS  
 Dilution Factor : 10.00  
 Injection Number : 23  
 Data File Name : c:\peaknet\data\070201\070201\_023.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 3:25:31 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010280

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
0	0.00	(null)	0.000	0	0 0		0.00
		CHLORIDE					
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
		PHOSPHATE-P					
		SULFATE					
	0.00	--- <td>0.000</td> <td></td> <td>0</td> <td></td> <td></td>	0.000		0		

**FILTER BLK - RSS**



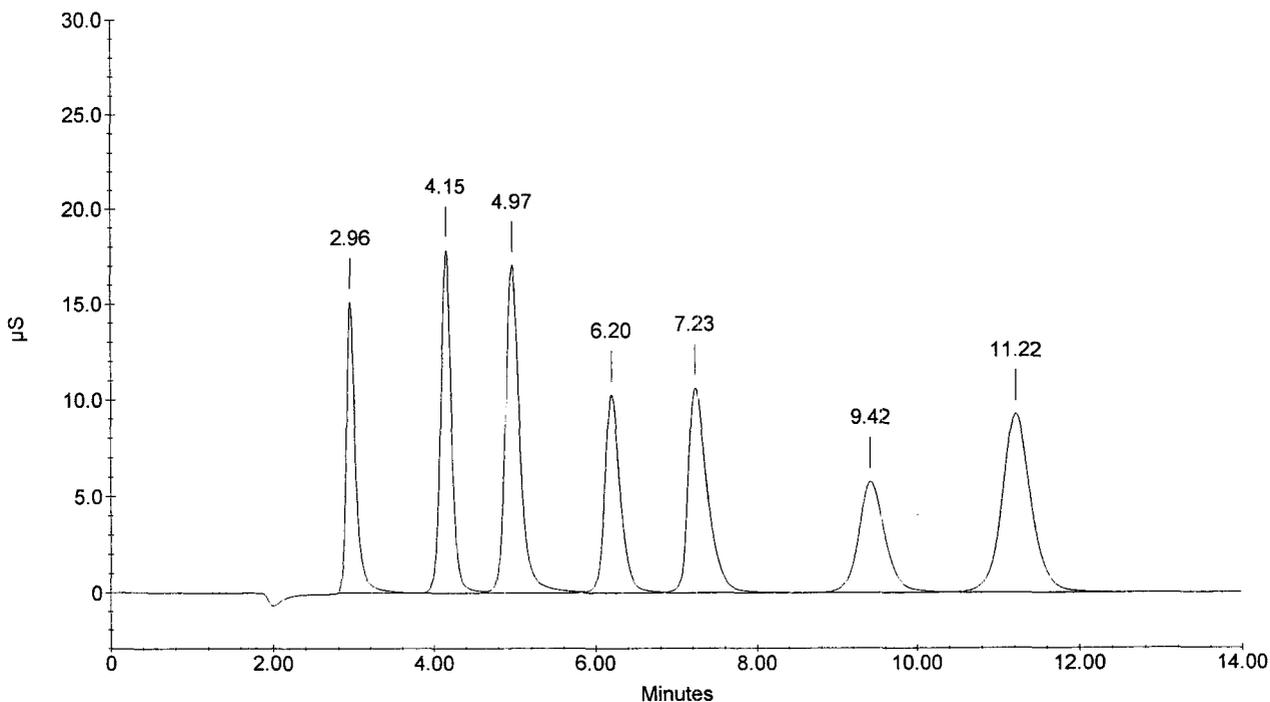
Sample Name : CCV  
 Dilution Factor : 20.00  
 Injection Number : 24  
 Data File Name : c:\peaknet\data\070201\070201\_024.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 3:42:09 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010281**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	2.96	FLUORIDE	101661.877	151173	1224638	1	-2.10
2	4.15	CHLORIDE	205187.402	178597	1660420	2	-3.49
3	4.97	NITRITE-N	121533.320	170609	2075663	2	-4.42
4	6.20	BROMIDE	408884.858	102862	1393180	2	-4.96
5	7.23	NITRATE-N	93299.694	106254	1780367	2	-3.60
6	9.42	PHOSPHATE-P	198896.915	57588	1337940	2	-5.07
7	11.22	SULFATE	413059.471	92545	2324135	2	-5.58
			---total(s)---				
0.00			1542523.537			11796341	

**CCV**



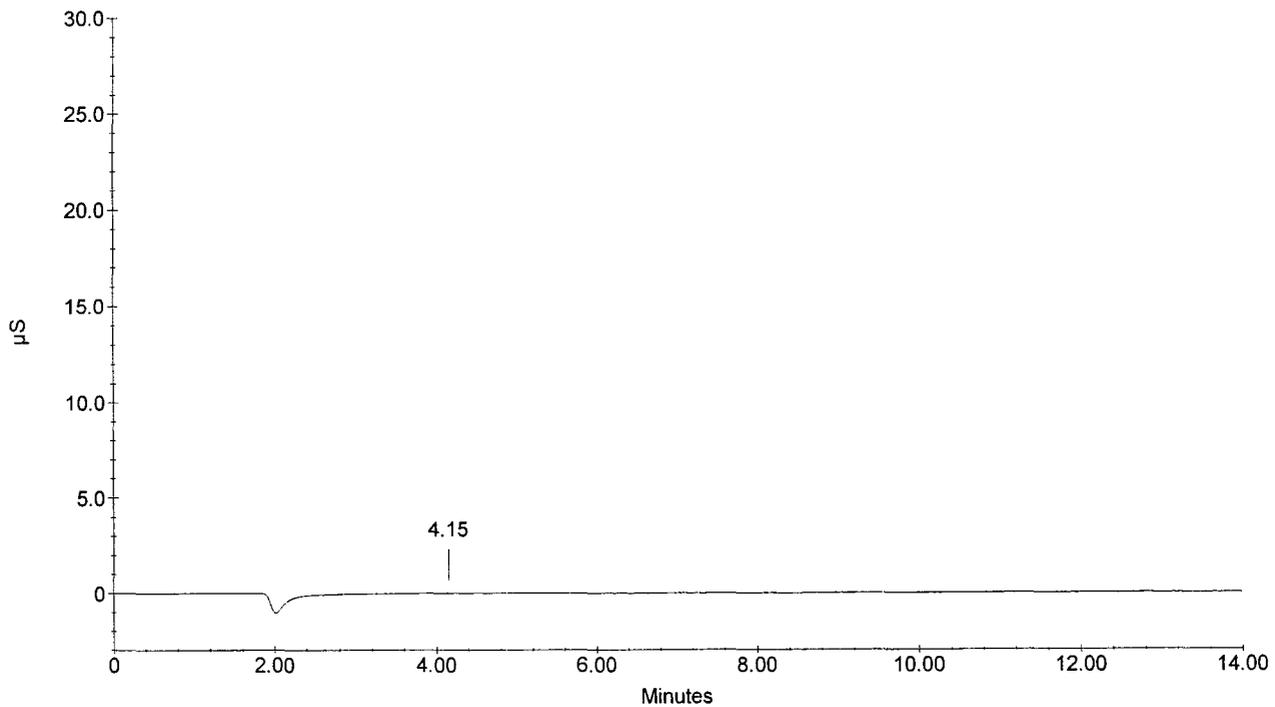
010282

Sample Name : CCB  
Dilution Factor : 1.00  
Injection Number : 25  
Data File Name : c:\peaknet\data\070201\070201\_025.DXD  
Method File Name : c:\peaknet\method\anions061121.met  
Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 3:58:47 PM  
System Name : Dx-500  
Detector Name : Conductivity Detector  
Column Type : AS14-SN#018097 AG14-#019940  
System Operator : RSPIES

Peak Information : All Components								
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta	
1	4.15	CHLORIDE	26.397	165	1432	1	-3.49	
1	4.15	CHLORIDE	26.397	165	1432	1	-3.49	
		NITRITE-N						
		BROMIDE						
		NITRATE-N						
		PHOSPHATE-P						
		SULFATE						
			---total(s)---					
0.00			52.794			2864		

CCB



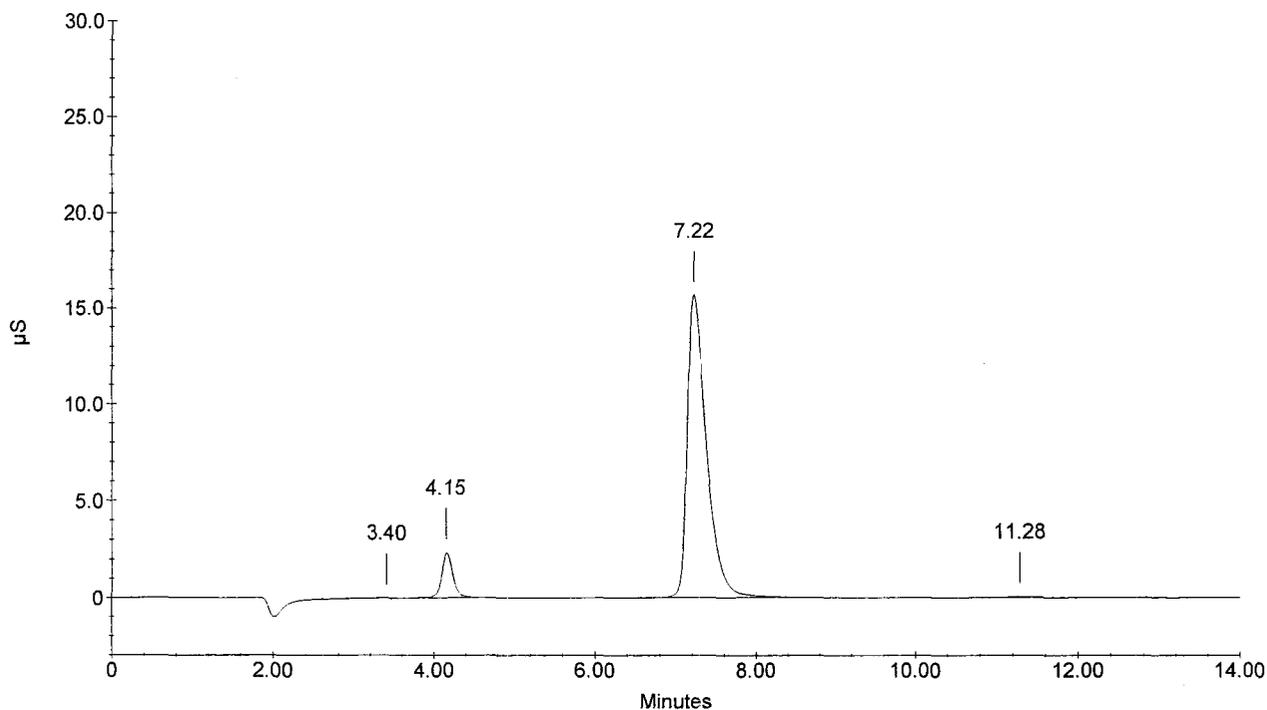
Sample Name : 292487 DF100  
 Dilution Factor : 100.00  
 Injection Number : 26  
 Data File Name : c:\peaknet\data\070201\070201\_026.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 4:15:26 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010283**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	3.40		0.000	281	3258	1	
2	4.15	CHLORIDE NITRITE-N BROMIDE	164037.078	23168	228610	1	-3.49
3	7.22	NITRATE-N PHOSPHATE-P	663855.925	156821	2620787	1	-3.69
4	11.28	SULFATE	13155.255	449	9250	1	-5.02
			---total(s)---				
0.00			841048.258	2861904			

**292487 DF100**



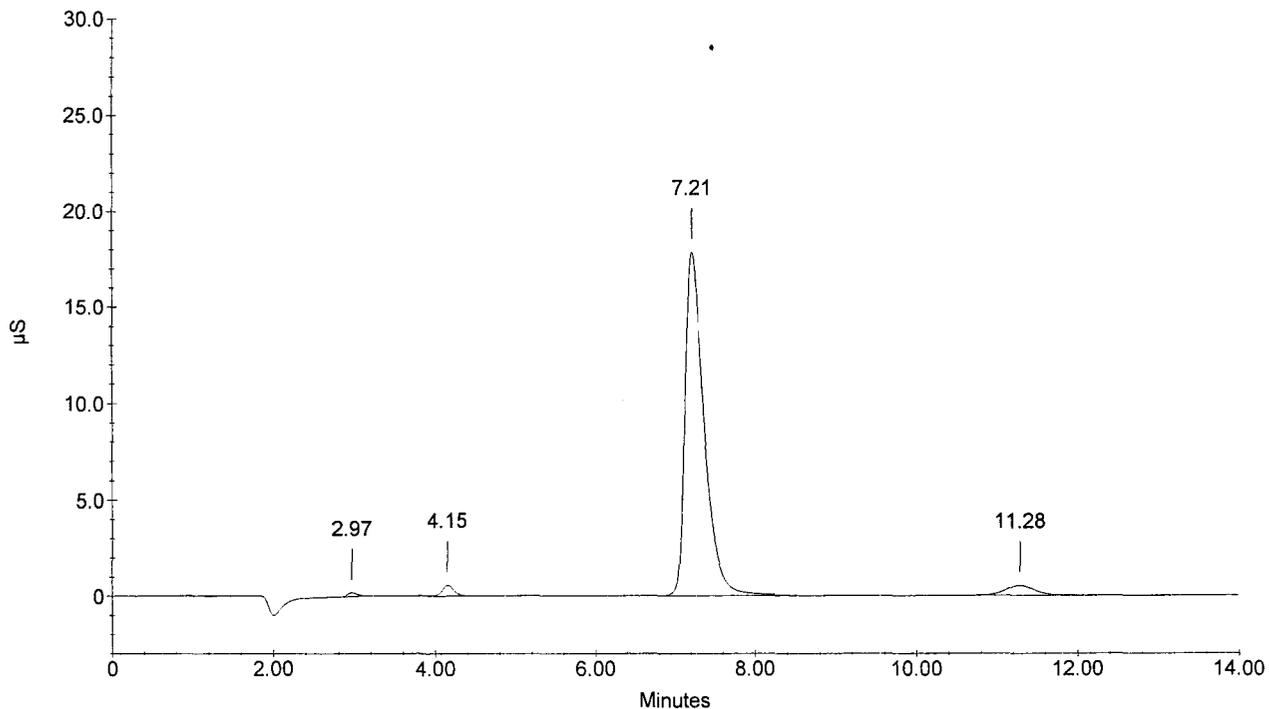
Sample Name : 292489 DF100  
 Dilution Factor : 100.00  
 Injection Number : 27  
 Data File Name : c:\peaknet\data\070201\070201\_027.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 4:32:06 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010284**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.97	FLUORIDE	10359.022	2026	17298	1	-1.66
2	4.15	CHLORIDE NITRITE-N BROMIDE	45827.245	5788	61062	1	-3.49
3	7.21	NITRATE-N PHOSPHATE-P	744821.422	178443	2980320	1	-3.87
4	11.28	SULFATE	135432.279	5279	136340	1	-5.02
			---total(s)---				
0.00			936439.968	3195020			

**292489 DF100**



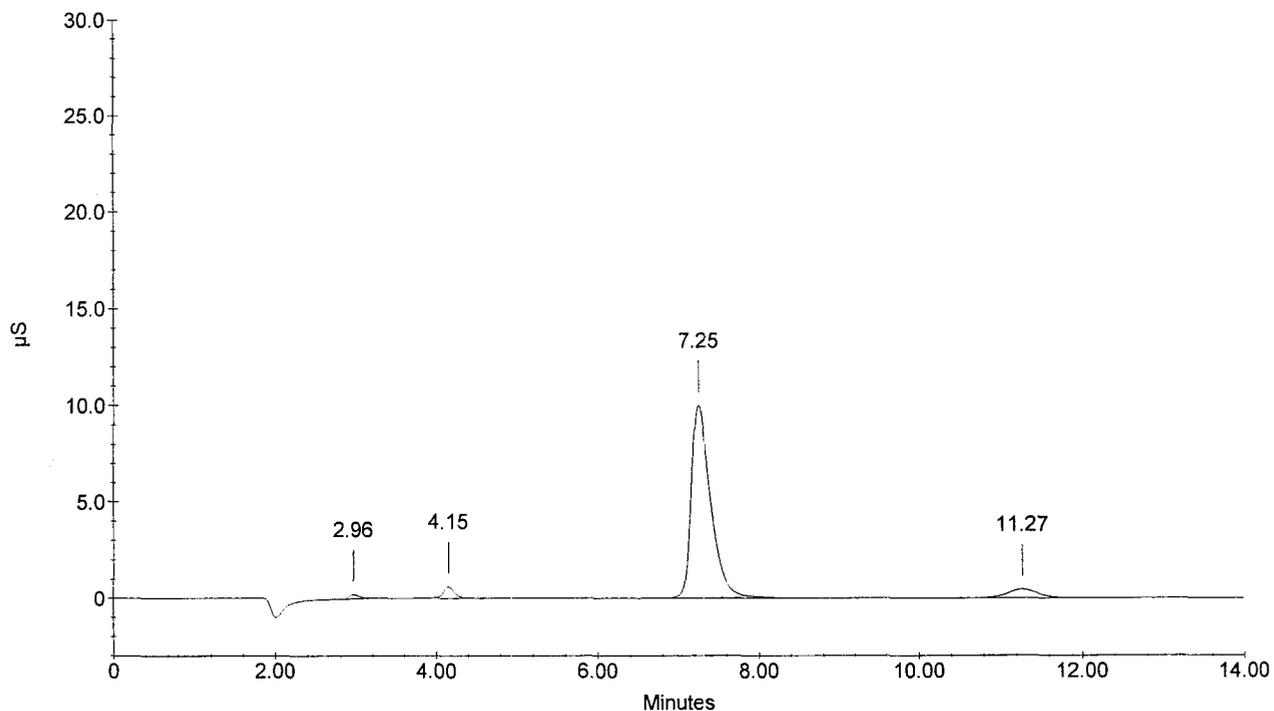
Sample Name : 292491 DF100  
 Dilution Factor : 100.00  
 Injection Number : 28  
 Data File Name : c:\peaknet\data\070201\070201\_028.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 4:48:45 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010285**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.96	FLUORIDE	11542.052	2332	19981	1	-1.88
2	4.15	CHLORIDE NITRITE-N BROMIDE	42911.235	6044	57009	1	-3.49
3	7.25	NITRATE-N PHOSPHATE-P	441832.944	99717	1678891	1	-3.33
4	11.27	SULFATE	118687.197	4531	118867	1	-5.13
			---total(s)---				
0.00			614973.427			1874748	

**292491 DF100**



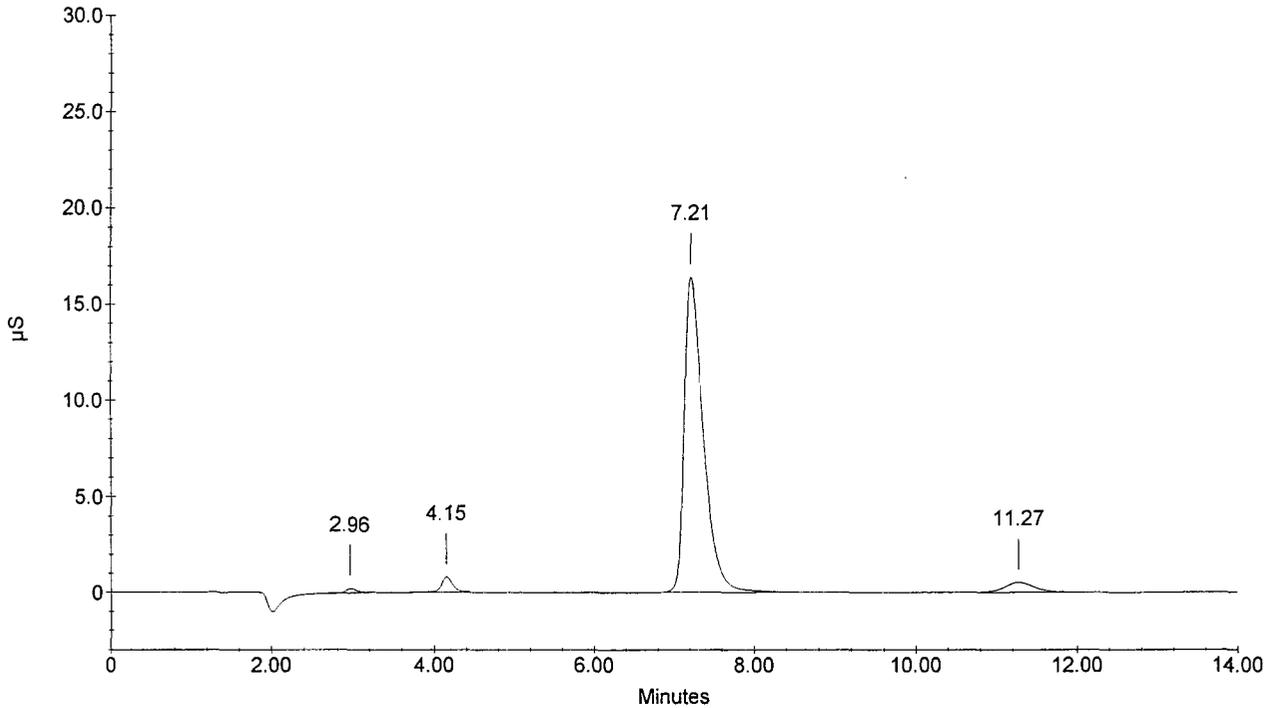
Sample Name : 292493 DF100  
 Dilution Factor : 100.00  
 Injection Number : 29  
 Data File Name : c:\peaknet\data\070201\070201\_029.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 5:05:23 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010286**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	2.96	FLUORIDE	12165.022	2484	21394	1	-1.88
2	4.15	CHLORIDE NITRITE-N BROMIDE	61944.983	8146	83530	1	-3.49
3	7.21	NITRATE-N PHOSPHATE-P	689327.454	163938	2732969	1	-3.87
4	11.27	SULFATE	139196.393	5461	140271	1	-5.13
			---total(s)---				
0.00			902633.852	2978165			

**292493 DF100**



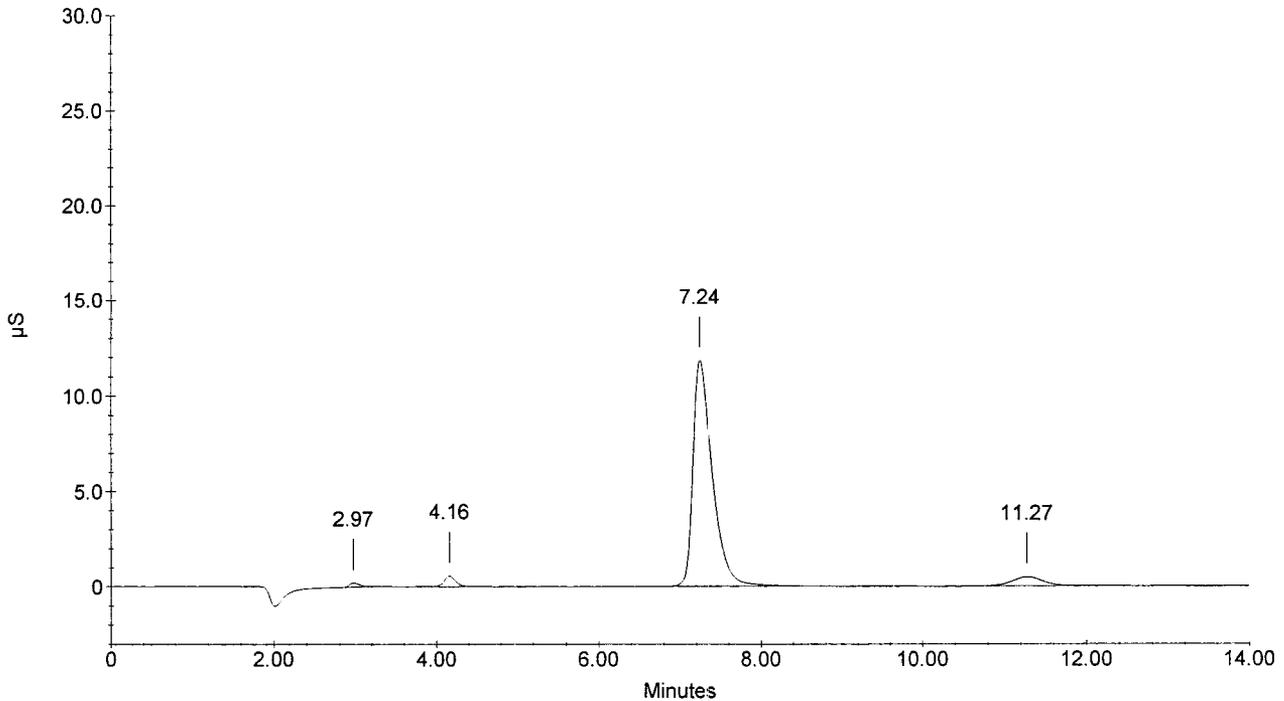
Sample Name : 292495 DF100  
 Dilution Factor : 100.00  
 Injection Number : 30  
 Data File Name : c:\peaknet\data\070201\070201\_030.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 5:22:02 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010287

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	2.97	FLUORIDE	11741.037	2349	20432	1	-1.66
2	4.16	CHLORIDE NITRITE-N BROMIDE	45678.000	5851	60854	1	-3.33
3	7.24	NITRATE-N PHOSPHATE-P	516084.419	118172	1986744	1	-3.42
4	11.27	SULFATE	127088.203	4940	127631	1	-5.13
			---total(s)---				
0.00			700591.659			2195662	

292495 DF100



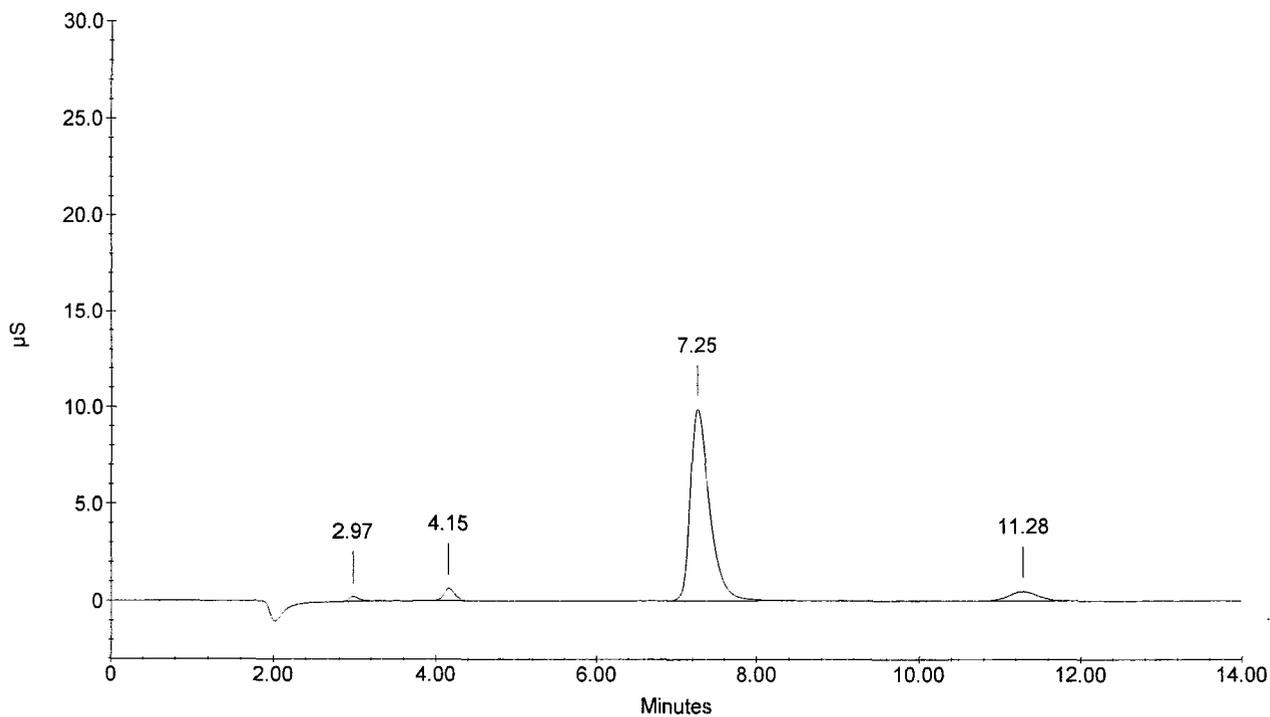
Sample Name : 292498 DF100  
 Dilution Factor : 100.00  
 Injection Number : 31  
 Data File Name : c:\peaknet\data\070201\070201\_031.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 5:38:41 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010288**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.97	FLUORIDE	12135.051	2486	21326	1	-1.66
2	4.15	CHLORIDE NITRITE-N BROMIDE	44519.971	6285	59244	1	-3.49
3	7.25	NITRATE-N PHOSPHATE-P	437714.707	98883	1662024	1	-3.33
4	11.28	SULFATE	123433.577	4804	123818	1	-5.02
			---total(s)---				
0.00			617803.305			1866413	

**292498 DF100**



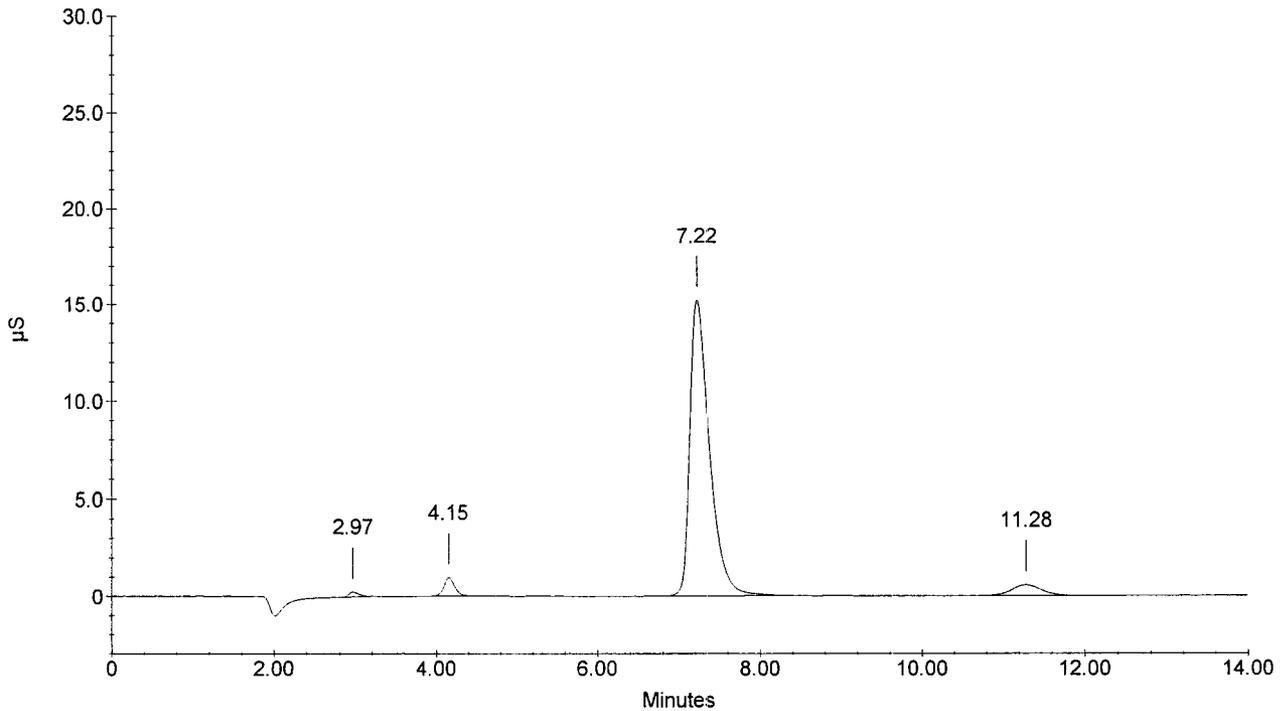
Sample Name : 292500 DF100  
 Dilution Factor : 100.00  
 Injection Number : 32  
 Data File Name : c:\peaknet\data\070201\070201\_032.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 5:55:19 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010289**

Peak Information : All Components								
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta	
1	2.97	FLUORIDE	12647.217	2621	22489	1	-1.66	
2	4.15	CHLORIDE NITRITE-N BROMIDE	67508.032	9522	91312	1	-3.49	
3	7.22	NITRATE-N PHOSPHATE-P	647116.124	152012	2547524	1	-3.69	
4	11.28	SULFATE	142600.681	5641	143827	1	-5.02	
			---total(s)---					
0.00			869872.054			2805151		

**292500 DF100**



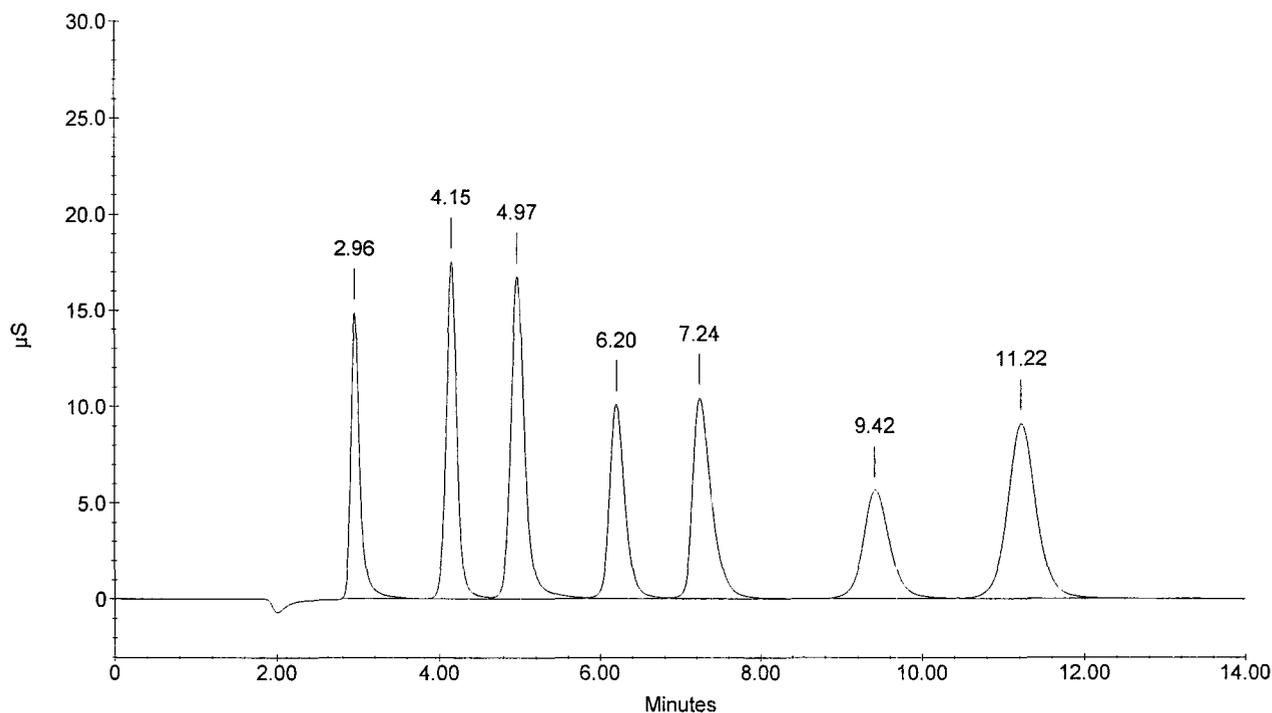
010290

Sample Name : CCV  
Dilution Factor : 20.00  
Injection Number : 33  
Data File Name : c:\peaknet\data\070201\070201\_033.DXD  
Method File Name : c:\peaknet\method\anions061121.met  
Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 6:11:58 PM  
System Name : Dx-500  
Detector Name : Conductivity Detector  
Column Type : AS14-SN#018097 AG14-#019940  
System Operator : RSPIES

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	2.96	FLUORIDE	99949.174	148284	1202603	1	-2.10
2	4.15	CHLORIDE	201864.249	174991	1629345	2	-3.49
3	4.97	NITRITE-N	119264.379	167313	2034124	2	-4.42
4	6.20	BROMIDE	401633.840	100639	1365502	2	-4.86
5	7.24	NITRATE-N	91299.700	103933	1739132	2	-3.51
6	9.42	PHOSPHATE-P	195281.067	56446	1312036	2	-5.07
7	11.22	SULFATE	406412.776	90868	2282999	2	-5.58
			---total(s)---				
0.00			1515705.186			11565741	

CCV



Line	Sample	Sample Type	Level	Method	Data File	Dilution
1	ICV	Sample		anions061121.met	070220_001.dxd	20
2	ICB	Sample		anions061121.met	070220_002.dxd	1
3	292487 DF20	Sample		anions061121.met	070220_003.dxd	20
4	292491 DF20	Sample		anions061121.met	070220_004.dxd	20
5	292493 DF20	Sample		anions061121.met	070220_005.dxd	20
6	292495 DF20	Sample		anions061121.met	070220_006.dxd	20
7	292498 DF20	Sample		anions061121.met	070220_007.dxd	20
8	292500 DF20	Sample		anions061121.met	070220_008.dxd	20
9	ZZZZZZZ	Sample		anions061121.met	070220_009.dxd	1
10	CCV	Sample		anions061121.met	070220_010.dxd	20
11	CCB	Sample		anions061121.met	070220_011.dxd	1

**010292**

Default Method Path: C:\PEAKNET\METHOD

Default Data Path: C:\PEAKNET\DATA\070220

Comment:

DIV 20 06002.01.222 TO#070125-1

ICV Sources:

1) SPEX LOT#33-13AS (INORG#6254)

- F = 100 mg/L
- Cl = 200 mg/L
- Br = 400 mg/L
- NO3N = 90.4 mg/L
- PO4P = 196 mg/L
- SO4 = 400 mg/L

2) 55-01-IC6

NO2N 101 mg/L

*PH adjusted  
for Sulfate.  
RSS*

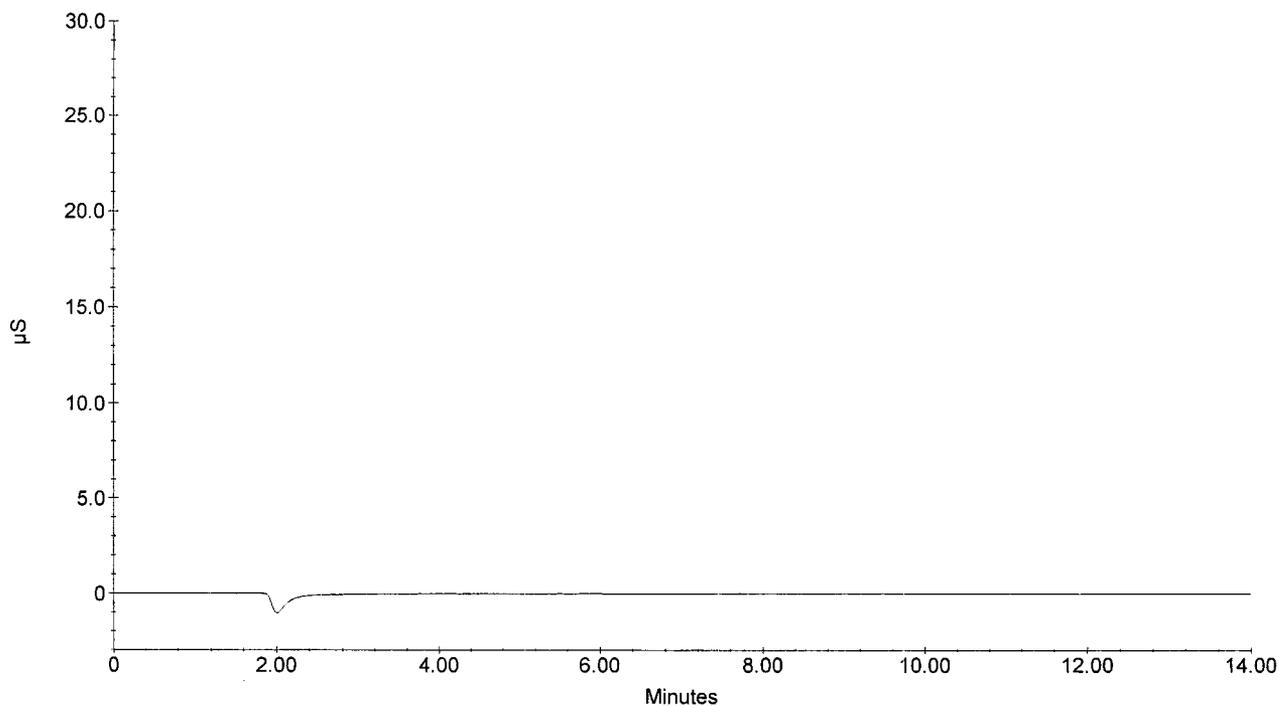
*RSS  
2/20/07*

Sample Name : CCB  
Dilution Factor : 1.00  
Injection Number : 34  
Data File Name : c:\peaknet\data\070201\070201\_034.DXD  
Method File Name : c:\peaknet\method\anions061121.met  
Schedule File Name : c:\peaknet\schedule\01feb07.sch

Date Time Collected : 2/1/07 6:28:38 PM  
System Name : Dx-500  
Detector Name : Conductivity Detector  
Column Type : AS14-SN#018097 AG14-#019940  
System Operator : RSPIES

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
0	0.00	(null) CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P SULFATE	0.000	0	0 0		0.00
			---total(s)---				
	0.00		0.000			0	

## CCB



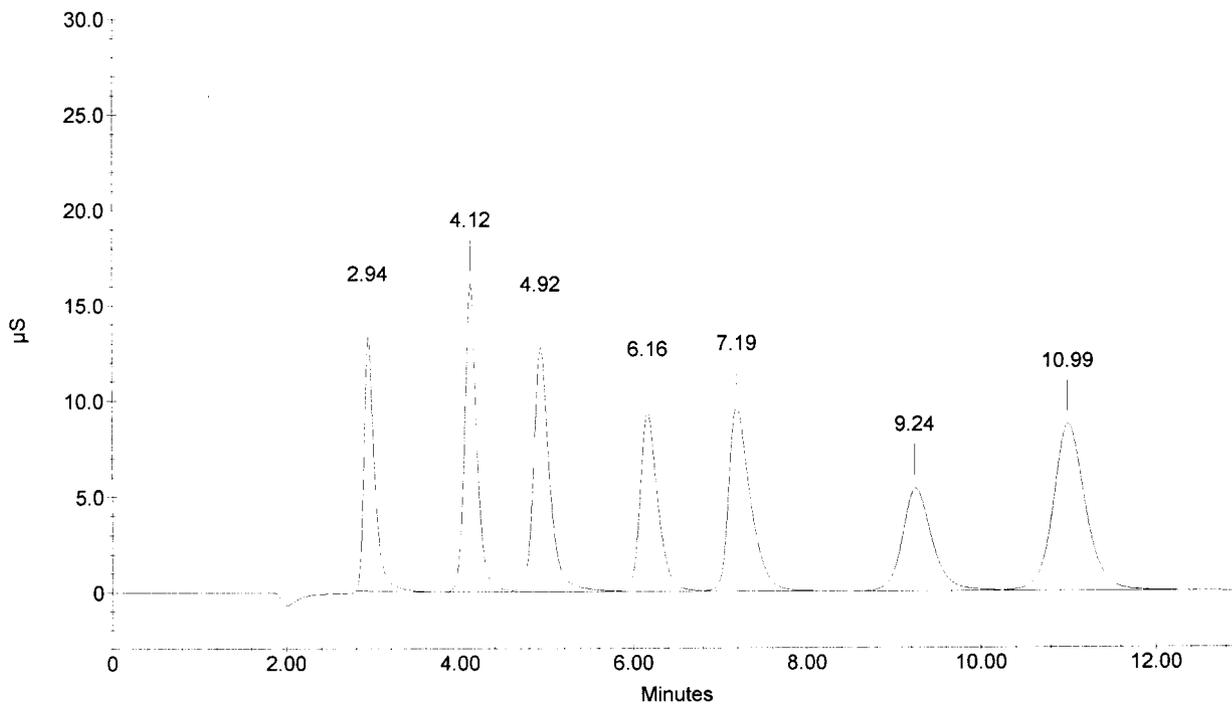
Sample Name : ICV  
 Dilution Factor : 20.00  
 Injection Number : 1  
 Data File Name : c:\peaknet\data\070220\070220\_001.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\20feb07.sch

Date Time Collected : 2/20/07 11:02:28 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010293

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.94	FLUORIDE	94584.247	132172	1133847	1	-2.76
2	4.12	CHLORIDE	196786.341	161270	1582095	2	-4.26
3	4.92	NITRITE-N	97466.924	127368	1639654	2	-5.32
4	6.16	BROMIDE	392049.191	93179	1329115	2	-5.47
5	7.19	NITRATE-N	88261.889	96043	1676746	2	-4.13
6	9.24	PHOSPHATE-P	191857.307	53569	1287570	2	-6.82
7	10.99	SULFATE	399645.080	86662	2241263	2	-7.49
			---total(s)---				
0.00			1460650.978	10890290			

ICV



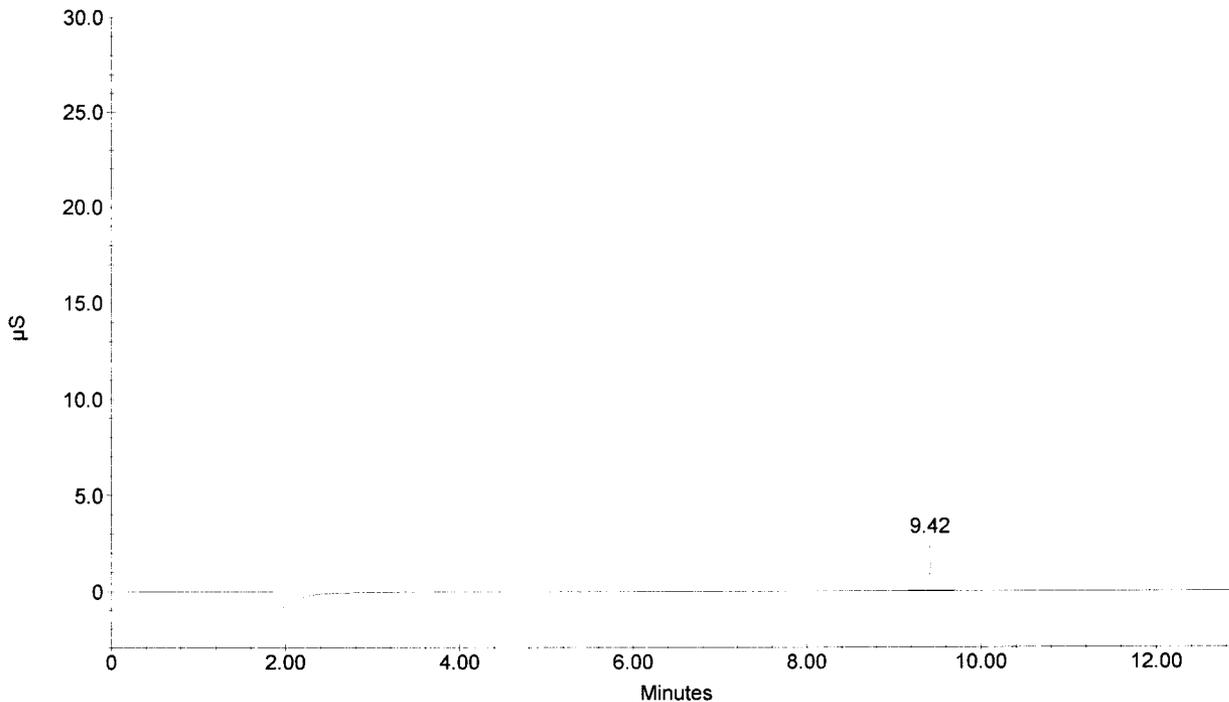
Sample Name : ICB  
 Dilution Factor : 1.00  
 Injection Number : 2  
 Data File Name : c:\peaknet\data\070220\070220\_002.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\20feb07.sch

Date Time Collected : 2/20/07 11:18:04 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010294**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	9.42	PHOSPHATE-P CHLORIDE NITRITE-N BROMIDE NITRATE-N	24.094	177	3872	1	-5.07
1	9.42	PHOSPHATE-P SULFATE	24.094	177	3872	1	-5.07
			---total(s)---				
0.00			48.189		7745		

**ICB**



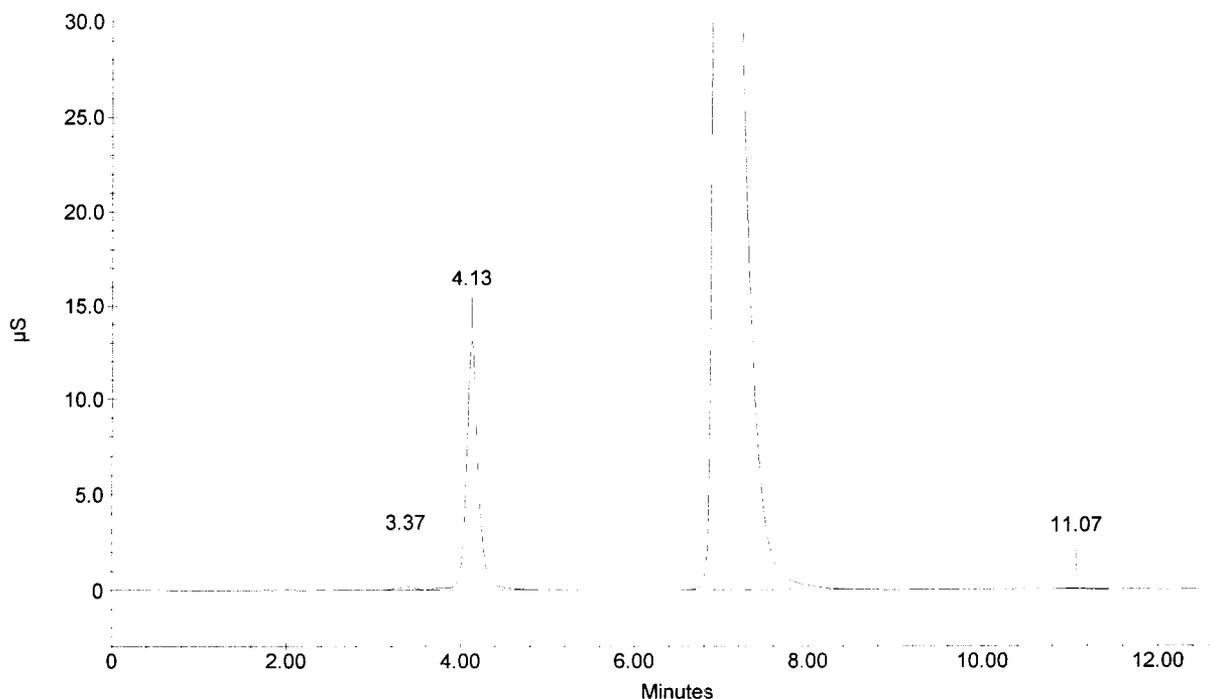
Sample Name : 292487 DF20  
 Dilution Factor : 20.00  
 Injection Number : 3  
 Data File Name : c:\peaknet\data\070220\070220\_003.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\20feb07.sch

Date Time Collected : 2/20/07 11:33:38 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010295**

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	3.37		0.000	1885	26032	2	
2	4.13	CHLORIDE NITRITE-N	159198.892	130979	1241681	2	-3.95
3	7.00	BROMIDE NITRATE-N PHOSPHATE-P	-268693.813	826837	15244973	1	7.31
4	11.07	SULFATE	2781.534	437	10028	1	-6.82
			---total(s)---				
0.00			-106713.388		16522714		

**292487 DF20**

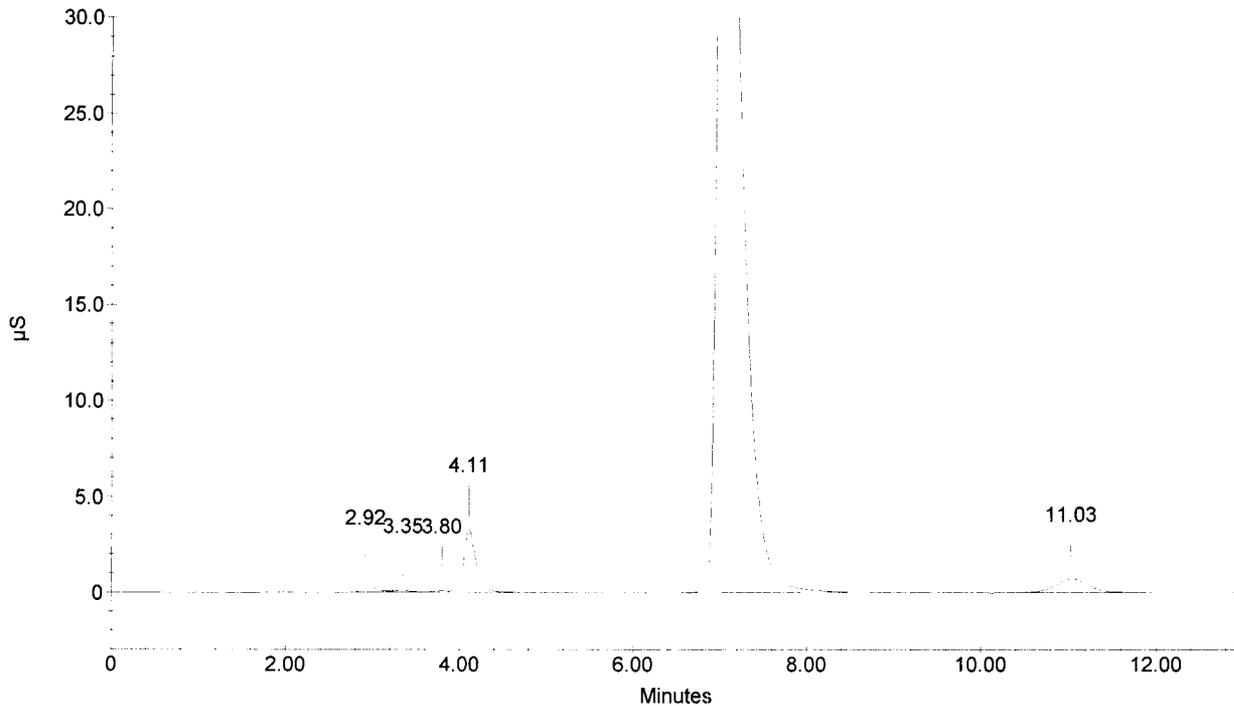


Sample Name : 292491 DF20  
 Dilution Factor : 20.00  
 Injection Number : 4  
 Data File Name : c:\peaknet\data\070220\070220\_004.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\20feb07.sch

Date Time Collected : 2/20/07 11:49:11 AM **010296**  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.92	FLUORIDE	5003.739	5211	50610	3	-3.42
4	4.11	CHLORIDE NITRITE-N	45694.730	32532	322698	2	-4.42
5	7.04	BROMIDE NITRATE-N PHOSPHATE-P	1020763.582	547601	9819266	1	7.92
6	11.03	SULFATE	36946.641	7208	187913	1	-7.15
			---total(s)---				
0.00			1108408.692	10380487			

**292491 DF20**



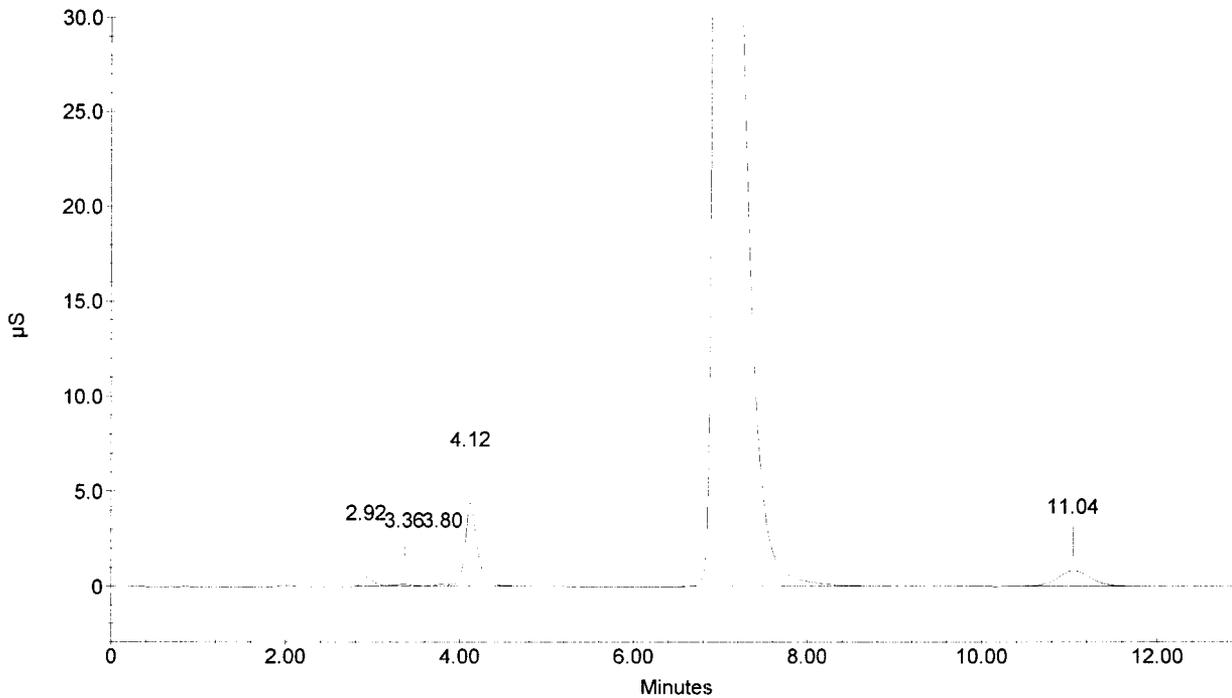
Sample Name : 292493 DF20  
 Dilution Factor : 20.00  
 Injection Number : 5  
 Data File Name : c:\peaknet\data\070220\070220\_005.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\20feb07.sch

Date Time Collected : 2/20/07 12:04:45 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010297

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.92	FLUORIDE	4565.698	4923	45624	2	-3.20
4	4.12	CHLORIDE NITRITE-N	59627.308	43491	426677	2	-4.11
5	7.00	BROMIDE NITRATE-N PHOSPHATE-P	-626654.664	869713	16186293	1	7.31
6	11.04	SULFATE	43018.481	8346	219767	1	-7.04
			---total(s)---				
0.00			-519443.177		16878362		

292493 DF20



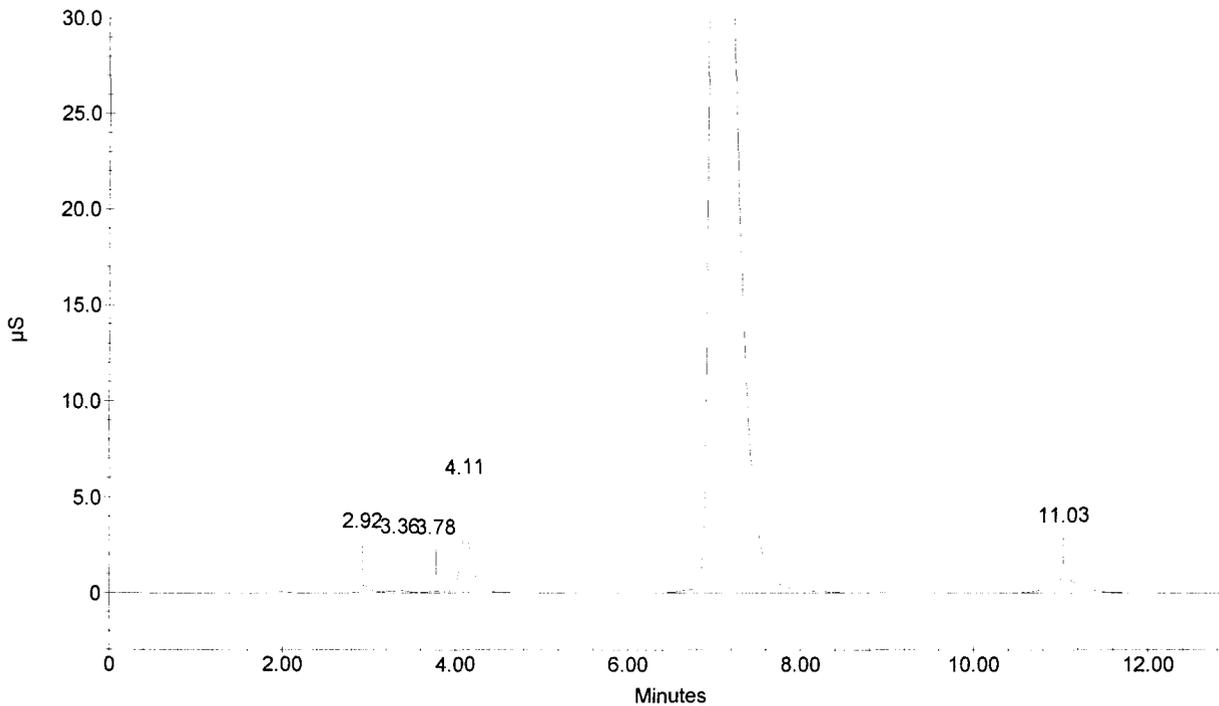
Sample Name : 292495 DF20  
 Dilution Factor : 20.00  
 Injection Number : 6  
 Data File Name : c:\peaknet\data\070220\070220\_006.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\20feb07.sch

Date Time Collected : 2/20/07 12:20:19 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010298

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.92	FLUORIDE	3841.176	4066	37385	2	-3.20
4	4.11	CHLORIDE NITRITE-N	44711.591	31813	315450	2	-4.42
5	7.02	BROMIDE NITRATE-N PHOSPHATE-P	692289.210	651212	11851377	1	7.72
6	11.03	SULFATE	37537.528	7288	191010	1	-7.15
			---total(s)---				
0.00			778379.505	12395222			

292495 DF20

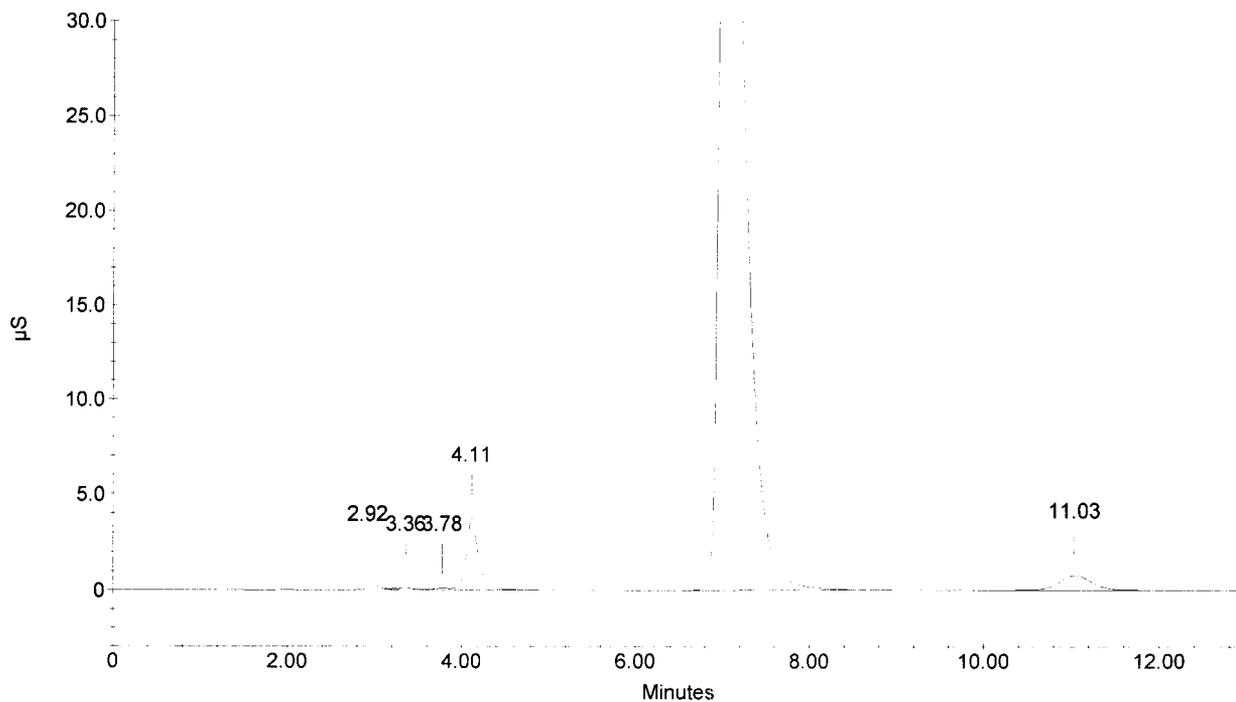


Sample Name : 292498 DF20  
 Dilution Factor : 20.00  
 Injection Number : 7  
 Data File Name : c:\peaknet\data\070220\070220\_007.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\20feb07.sch

Date Time Collected : 2/20/07 12:35:53 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	2.92	FLUORIDE	5580.303	5944	57177	3	-3.42
4	4.11	CHLORIDE NITRITE-N	51690.781	36991	367156	2	-4.42
5	7.04	BROMIDE NITRATE-N PHOSPHATE-P	913926.232	587816	10616651	1	7.92
6	11.03	SULFATE	40062.741	7773	204252	1	-7.15
			---total(s)---				
0.00			1011260.057	11245236			

292498 DF20



Sample Name : 292500 DF20

Dilution Factor : 20.00

Injection Number : 8

Data File Name : c:\peaknet\data\070220\070220\_008.DXD

Method File Name : c:\peaknet\method\anions061121.met

Schedule File Name : c:\peaknet\schedule\20feb07.sch

Date Time Collected : 2/20/07 12:51:27 PM

System Name : Dx-500

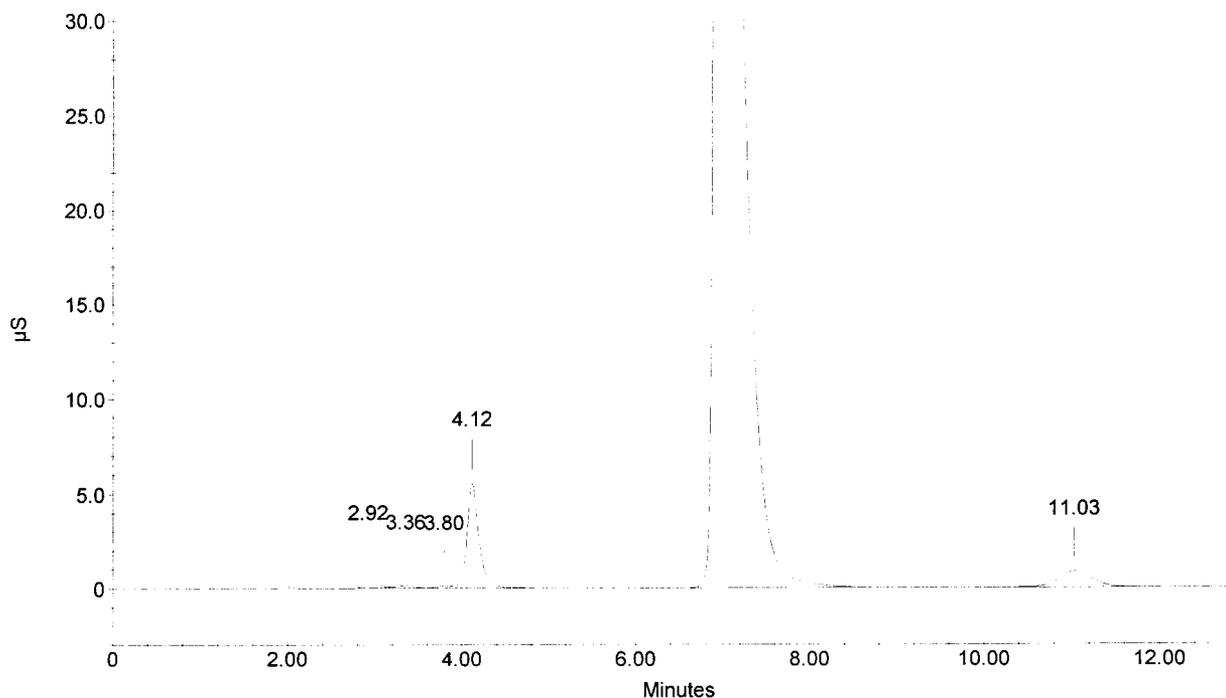
Detector Name : Conductivity Detector

Column Type : AS14-SN#018097 AG14-#019940

System Operator : RSPIES

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.92	FLUORIDE	5712.736	6460	58686	2	-3.20
4	4.12	CHLORIDE	73932.549	55466	535936	2	-4.26
		NITRITE-N					
5	6.99	BROMIDE	-546340.188	858964	15983901	1	7.21
		NITRATE-N					
		PHOSPHATE-P					
6	11.03	SULFATE	44803.318	8685	229145	1	-7.15
			---total(s)---				
0.00			-421891.584		16807668		

292500 DF20



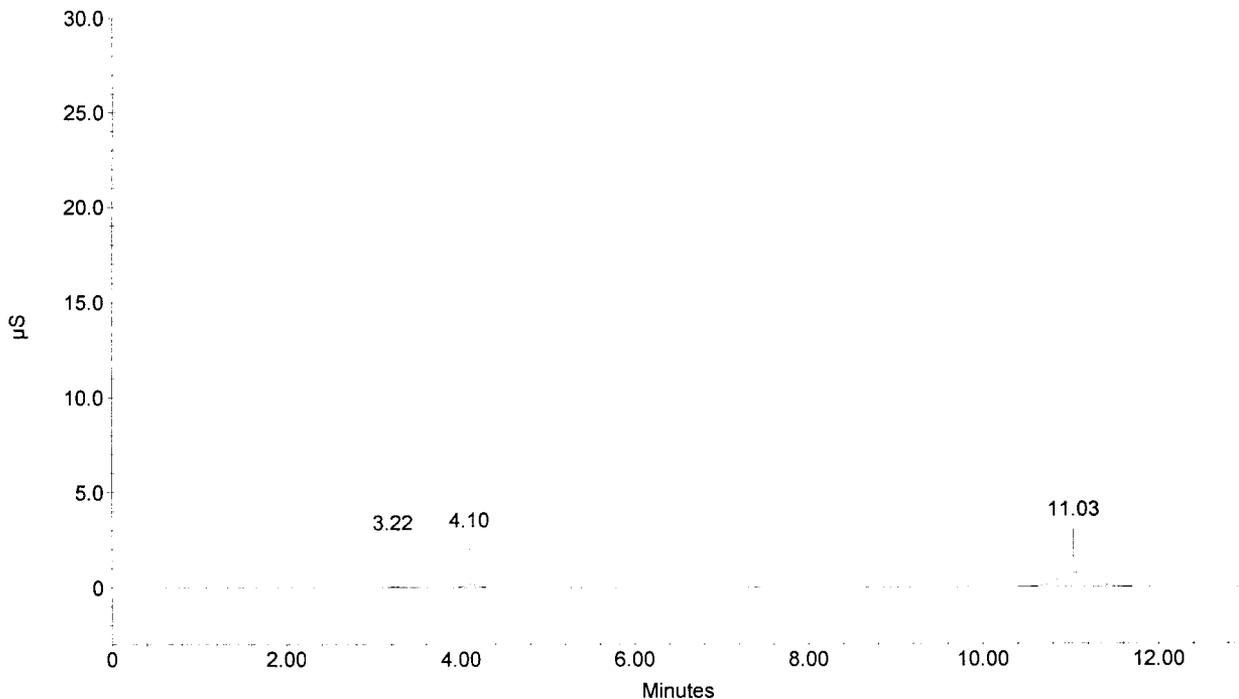
Sample Name : ZZZZZZZ  
 Dilution Factor : 1.00  
 Injection Number : 9  
 Data File Name : ...070220\_009.DXD  
 Method File Name : ...ANIONS061121.met  
 Schedule File Name : c:\peaknet\schedule\20feb07.sch

Date Time Collected : 2/20/07 1:07:01 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010301

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	3.22	FLUORIDE	37.450	277	2313	1	6.51
2	4.10	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	138.204	1767	16790	1	-4.73
3	11.03	SULFATE	1891.981	7338	192593	1	-7.15
			---total(s)---				
0.00			2067.635	211696			

ZZZZZZZ



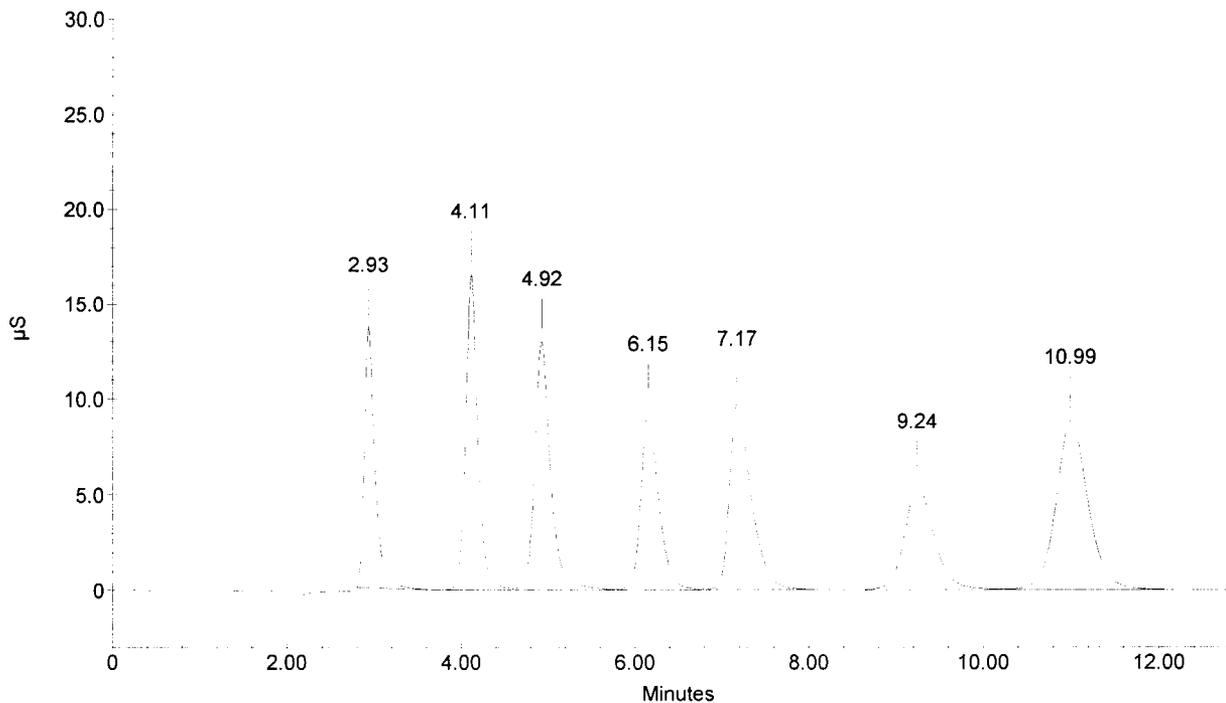
Sample Name : CCV  
 Dilution Factor : 20.00  
 Injection Number : 10  
 Data File Name : ...070220\_010.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\20feb07.sch

Date Time Collected : 2/20/07 1:22:35 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

010302

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	BI. Code	%Delta
1	2.93	FLUORIDE	95616.334	135724	1147042	1	-2.98
2	4.11	CHLORIDE	200295.076	165091	1614714	2	-4.42
3	4.92	NITRITE-N	98131.299	129473	1651550	2	-5.32
4	6.15	BROMIDE	395590.317	94836	1342532	2	-5.67
5	7.17	NITRATE-N	89829.530	97544	1708903	2	-4.40
6	9.24	PHOSPHATE-P	193817.761	54462	1301572	2	-6.82
7	10.99	SULFATE	402903.017	88013	2261336	2	-7.49
			---total(s)---				
0.00			1476183.334			11027649	

CCV

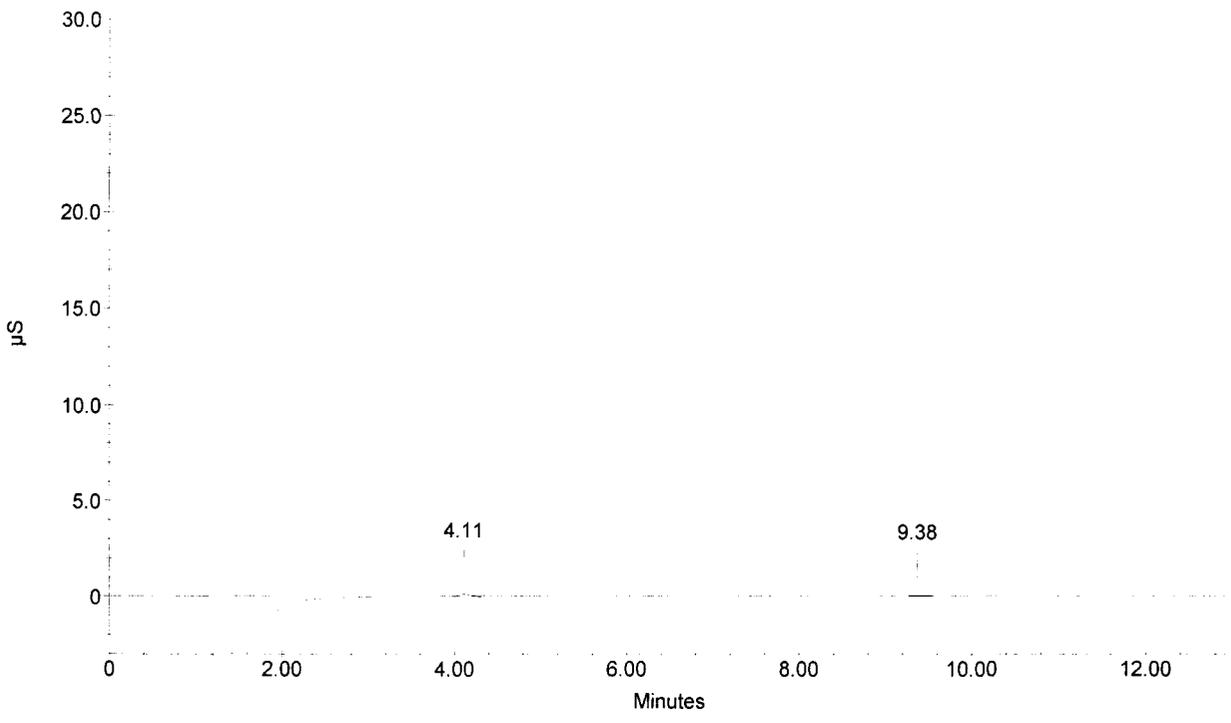


Sample Name : CCB  
Dilution Factor : 1.00  
Injection Number : 11  
Data File Name : ...070220\_011.DXD  
Method File Name : c:\peaknet\method\anions061121.met  
Schedule File Name : c:\peaknet\schedule\20feb07.sch

Date Time Collected : 2/20/07 1:38:15 PM  
System Name : Dx-500  
Detector Name : Conductivity Detector  
Column Type : AS14-SN#018097 AG14-#019940  
System Operator : RSPIES

Peak Information : All Components							
Pk. Num	Ret Time	Component Name	Concentration (PPB)	Height	Area	Bl. Code	%Delta
1	4.11	CHLORIDE	103.515	1212	12019	1	-4.42
1	4.11	CHLORIDE	103.515	1212	12019	1	-4.42
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
2	9.38	PHOSPHATE-P	12.338	136	2385	1	-5.48
		SULFATE					
			---total(s)---				
0.00			219.367		26422		

CCB



Line	Sample	Sample Type	Level	Method	Data File	Dilution
1	BLK	Sample		anions061121.met	061121_001.dxd	1
2	0ppb 36-08-IC6	Calibration St	1	anions061121.met	061121_002.dxd	1
3	100ppb 36-07-IC6	Calibration St	2	anions061121.met	061121_003.dxd	1
4	500ppb 36-06-IC6	Calibration St	3	anions061121.met	061121_004.dxd	1
5	1000ppb 36-05-IC6	Calibration St	4	anions061121.met	061121_005.dxd	1
6	5000ppb 36-04-IC6	Calibration St	5	anions061121.met	061121_006.dxd	1
7	10000ppb 36-03-IC6	Calibration St	6	anions061121.met	061121_007.dxd	1
8	15000ppb 36-02-IC6	Calibration St	7	anions061121.met	061121_008.dxd	1
9	20000ppb 36-01-IC6	Calibration St	8	anions061121.met	061121_009.dxd	1
10	ICV	Sample		anions061121.met	061121_010.dxd	20
11	ICB	Sample		anions061121.met	061121_011.dxd	1

**010304**

Default Method Path: C:\PEAKNET\METHOD  
 Default Data Path: C:\PEAKNET\DATA\061121  
 Comment:  
 METHODS: EPA 300.0 & SW 846 9056

ICV Sources:

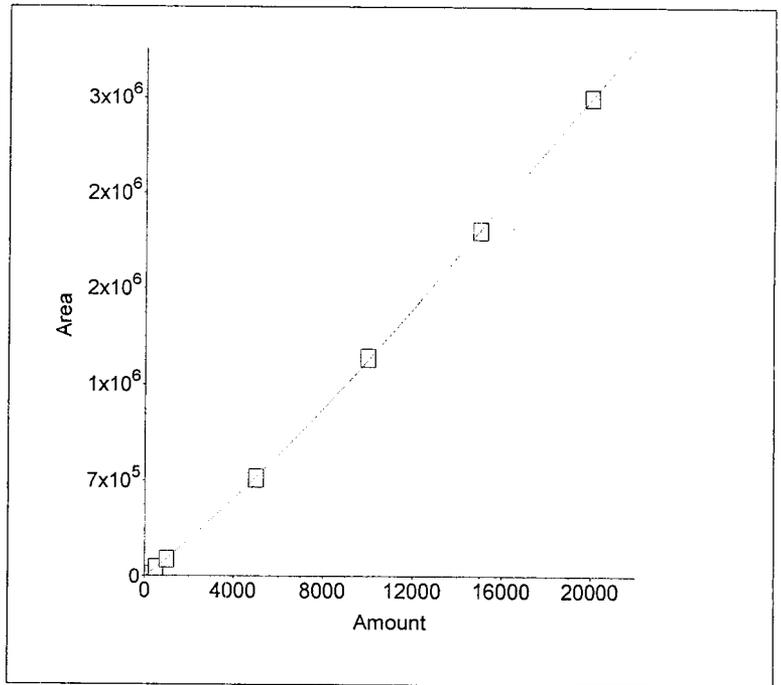
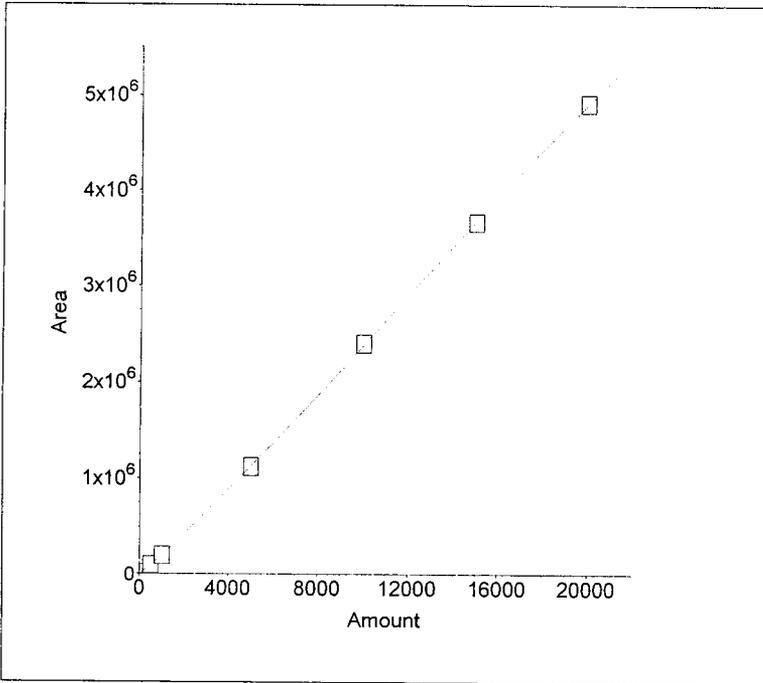
- 1) SPEX LOT#33-13AS (INORG#6118)
  - F = 100 mg/L
  - Cl = 200 mg/L
  - Br = 400 mg/L
  - NO3N = 90.4 mg/L
  - PO4P = 196 mg/L
  - SO4 = 400 mg/L
- 2) 35-01-IC6
  - NO2N 111 mg/L

*R Spies*  
 11/29/06

**010305**

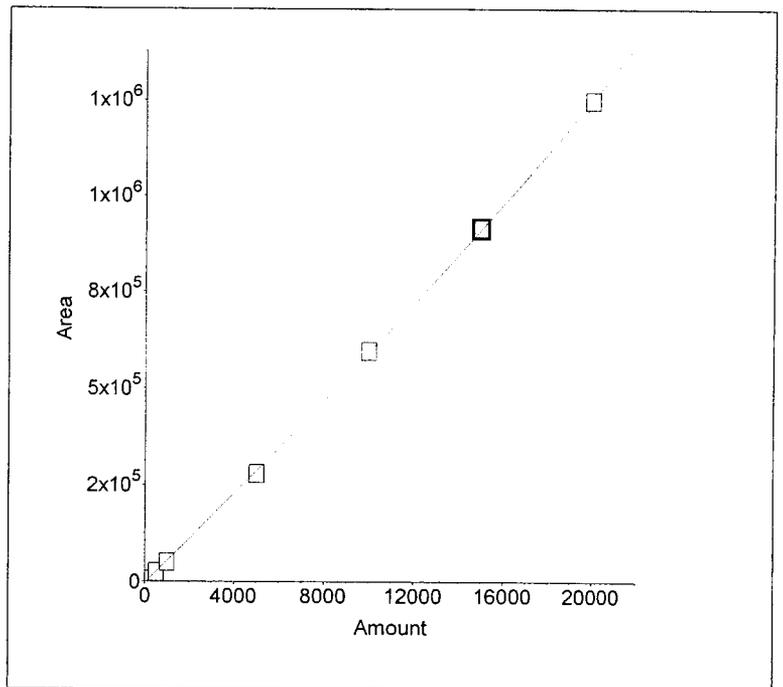
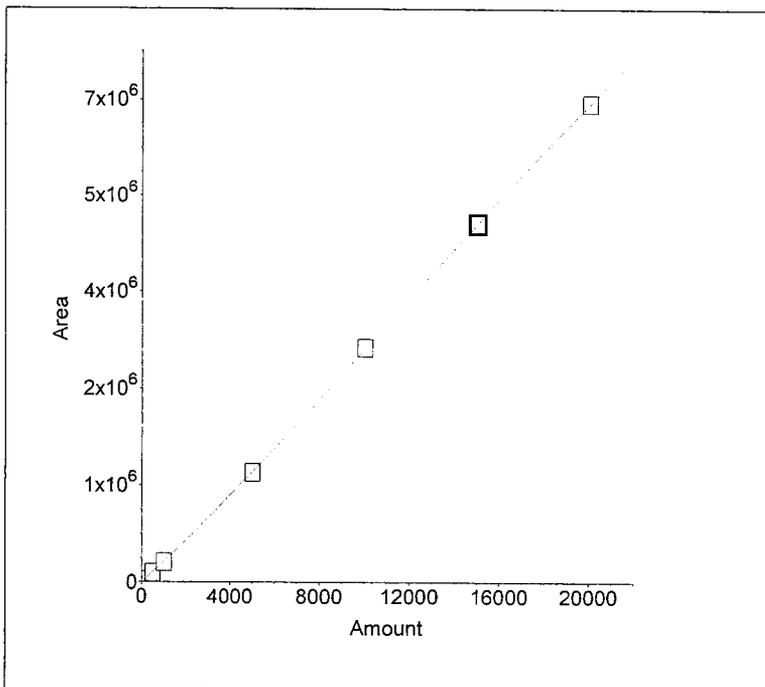
1. Component:FLUORIDE  
 Standard:External Fit Type:Cubic  
 Origin:Include Calibration:Area  
 $r^2=0.999983$   
 $Amt=2.996716e-017*Resp^3+$   
 $-2.741223e-010*Resp^2+$   
 $4.419215e-003*Resp+27.23$

2. Component:CHLORIDE  
 Standard:External Fit Type:Cubic  
 Origin:Include Calibration:Area  
 $r^2=0.999965$   
 $Amt=1.067262e-016*Resp^3+$   
 $-8.556534e-010*Resp^2+$   
 $7.295674e-003*Resp+15.95$



3. Component:NITRITE-N  
 Standard:External Fit Type:Cubic  
 Origin:Include Calibration:Area  
 $r^2=0.999979$   
 $Amt=9.968819e-018*Resp^3+$   
 $-1.301414e-010*Resp^2+$   
 $3.139690e-003*Resp+31.28$

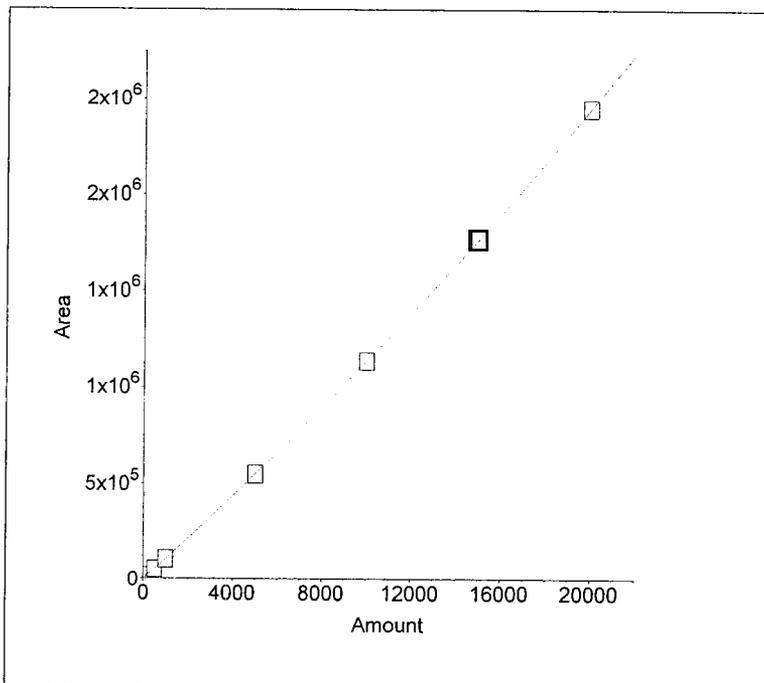
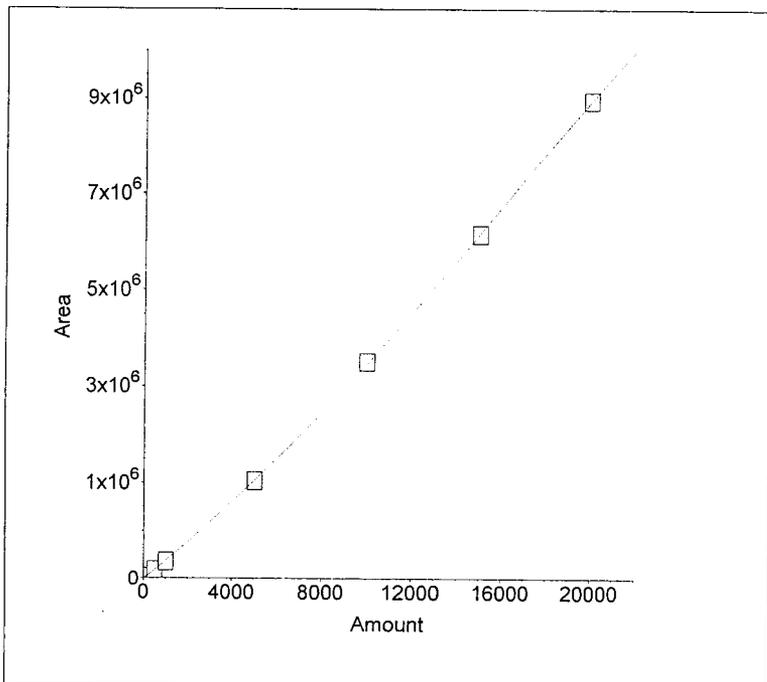
4. Component:BROMIDE  
 Standard:External Fit Type:Quadratic  
 Origin:Include Calibration:Area  
 $r^2=0.999913$   
 $Amt=-1.119978e-009*Resp^2+$   
 $1.618856e-002*Resp+64.5$



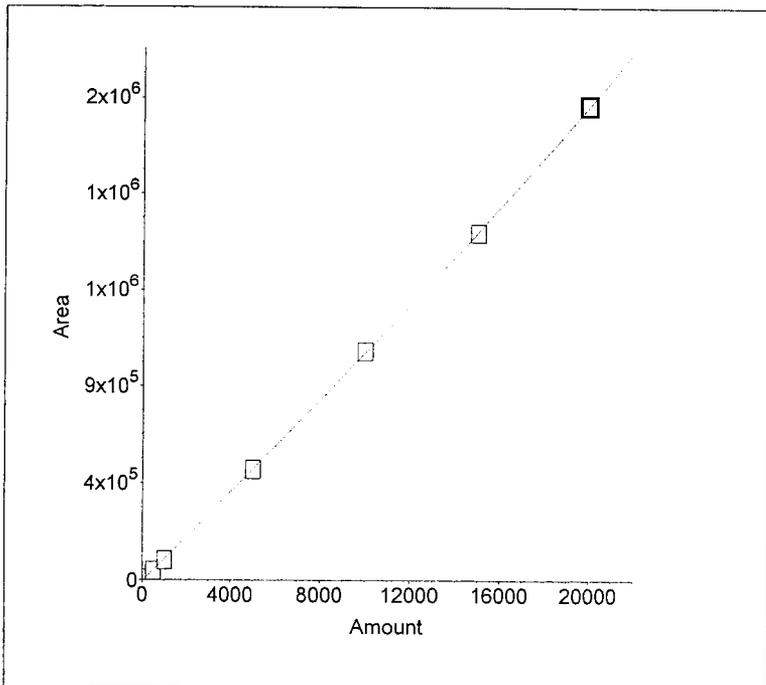
010306

5. Component:NITRATE-N  
Standard:External Fit Type:Cubic  
Origin:Include Calibration:Area  
 $r^2=0.999972$   
 $Amt=5.475663e-018*Resp^3+$   
 $-1.207215e-010*Resp^2+$   
 $2.799120e-003*Resp+33.28$

6. Component:PHOSPHATE-P  
Standard:External Fit Type:Quadratic  
Origin:Include Calibration:Area  
 $r^2=0.999996$   
 $Amt=-3.493784e-010*Resp^2+$   
 $7.905269e-003*Resp+-6.513$



7. Component:SULFATE  
Standard:External Fit Type:Quadratic  
Origin:Include Calibration:Area  
 $r^2=0.999969$   
 $Amt=-3.456706e-010*Resp^2+$   
 $9.671567e-003*Resp+42.12$



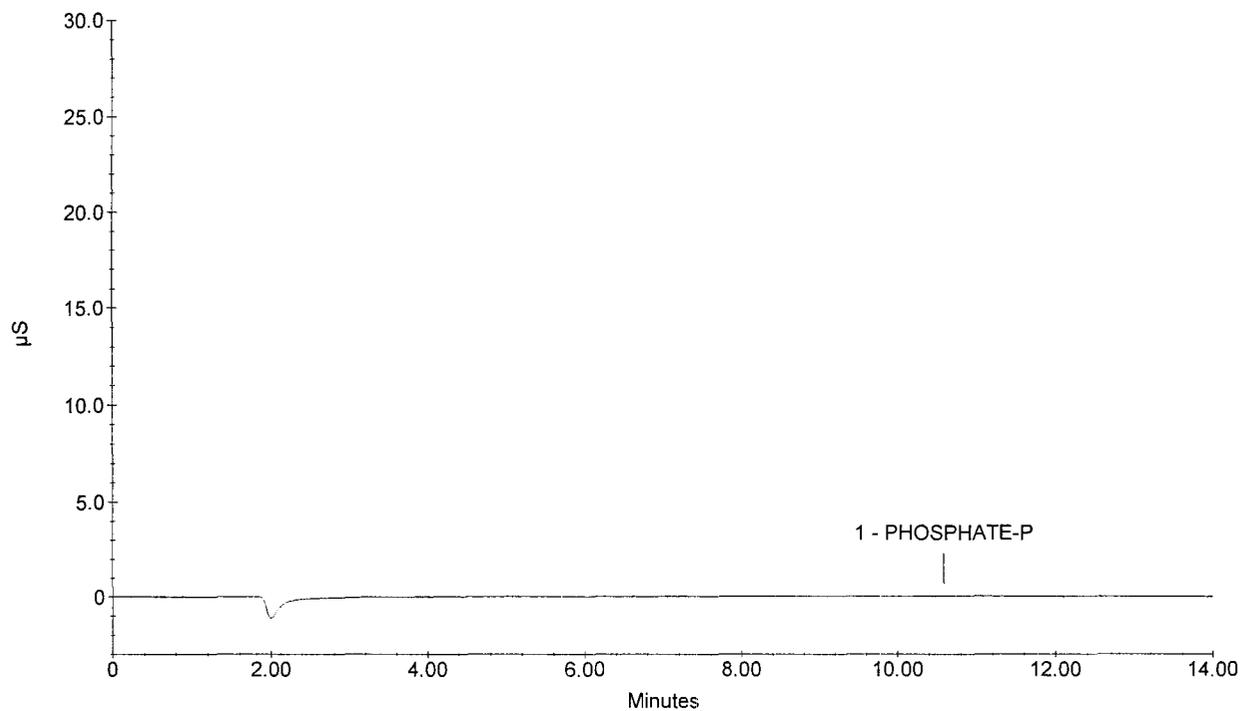
Sample Name : Oppb 36-08-IC6  
Dilution Factor : 1.00  
Injection Number : 2  
Data File Name : c:\peaknet\data\061121\061121\_002.DXD  
Method File Name : c:\peaknet\method\anions061121.met  
Schedule File Name : c:\peaknet\schedule\061121.sch

Date Time Collected : 11/21/06 9:50:23 AM  
Date Time Updated : 11/21/06 10:06:55 AM  
System Name : Dx-500  
Detector Name : Conductivity Detector  
Column Type : AS14-SN#018097 AG14-#019940  
System Operator : RSPIES

010307

Peak Information : All Components					
Peak Number	Peak Retention Time	Component Name	Concentration, ppm (PPB)	Peak Area	Peak Height
1	10.58	PHOSPHATE-P CHLORIDE NITRITE-N BROMIDE NITRATE-N	0.00	1020	40
1	10.58	PHOSPHATE-P SULFATE	0.00	1020	40

Oppb 36-08-IC6

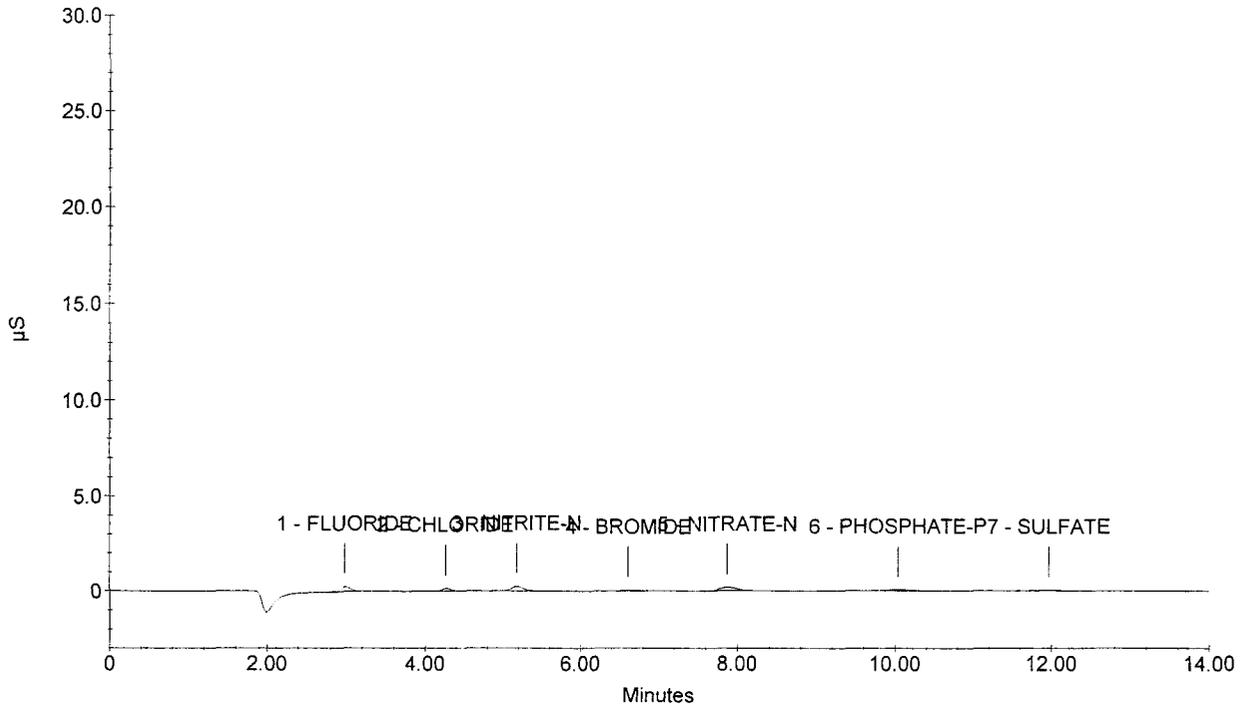


Sample Name : 100ppb 36-07-IC6  
Dilution Factor : 1.00  
Injection Number : 3  
Data File Name : c:\peaknet\data\061121\061121\_003.DXD  
Method File Name : c:\peaknet\method\anions061121.met  
Schedule File Name : c:\peaknet\schedule\061121.sch

Date Time Collected : 11/21/06 10:07:00 AM  
Date Time Updated : 11/21/06 10:23:31 AM  
System Name : Dx-500  
Detector Name : Conductivity Detector  
Column Type : AS14-SN#018097 AG14-#019940  
System Operator : RSPIES

Peak Information : All Components					
Peak Number	Peak Retention Time	Component Name	Concentration, ppm (PPB)	Peak Area	Peak Height
1	2.98	FLUORIDE	100.00	18168	2533
2	4.27	CHLORIDE	100.00	15692	1516
3	5.18	NITRITE-N	100.00	26374	2385
4	6.62	BROMIDE	100.00	4906	402
5	7.88	NITRATE-N	100.00	29909	1810
6	10.04	PHOSPHATE-P	100.00	17240	651
7	11.97	SULFATE	100.00	9218	398

100ppb 36-07-IC6



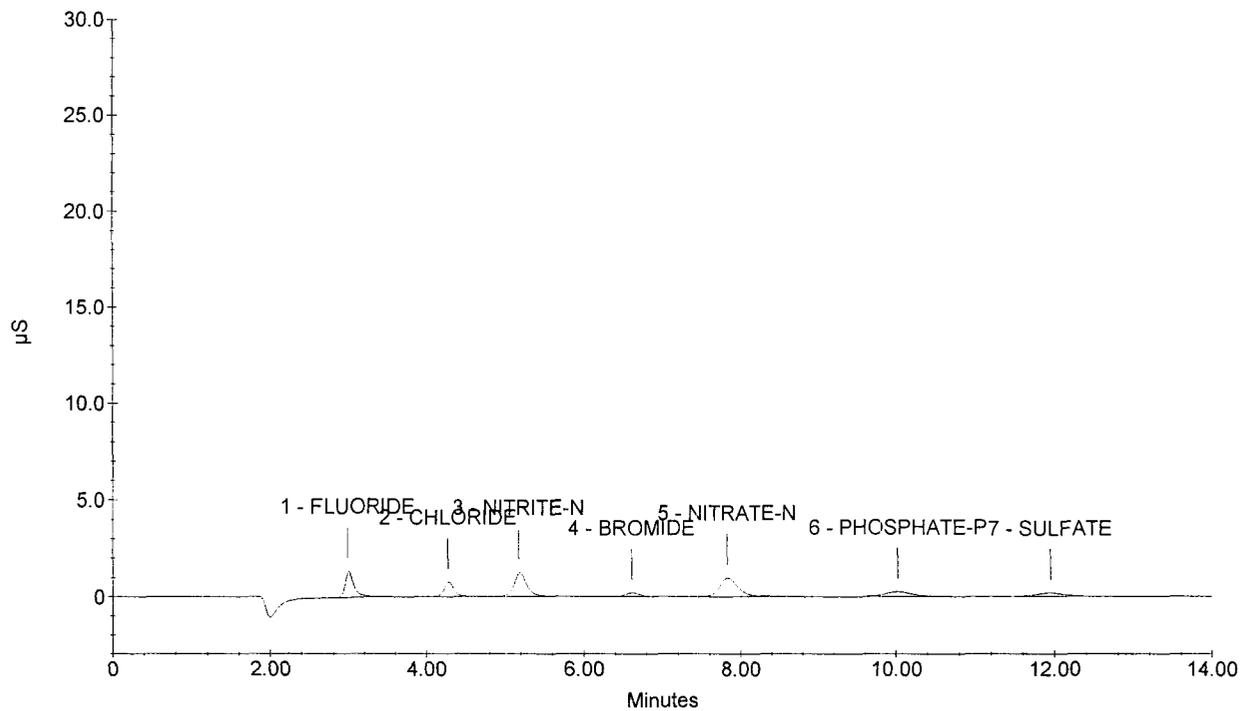
Sample Name : 500ppb 36-06-IC6  
Dilution Factor : 1.00  
Injection Number : 4  
Data File Name : c:\peaknet\data\061121\061121\_004.DXD  
Method File Name : c:\peaknet\method\anions061121.met  
Schedule File Name : c:\peaknet\schedule\061121.sch

Date Time Collected : 11/21/06 10:23:35 AM  
Date Time Updated : 11/21/06 10:40:08 AM  
System Name : Dx-500  
Detector Name : Conductivity Detector  
Column Type : AS14-SN#018097 AG14-#019940  
System Operator : RSPIES

010309

Peak Information : All Components					
Peak Number	Peak Retention Time	Component Name	Concentration, ppm (PPB)	Peak Area	Peak Height
1	2.98	FLUORIDE	500.00	105570	13386
2	4.27	CHLORIDE	500.00	65978	7499
3	5.17	NITRITE-N	500.00	146554	12339
4	6.60	BROMIDE	500.00	26546	2038
5	7.82	NITRATE-N	500.00	165885	9805
6	10.02	PHOSPHATE-P	500.00	63449	2525
7	11.94	SULFATE	500.00	45764	1852

500ppb 36-06-IC6



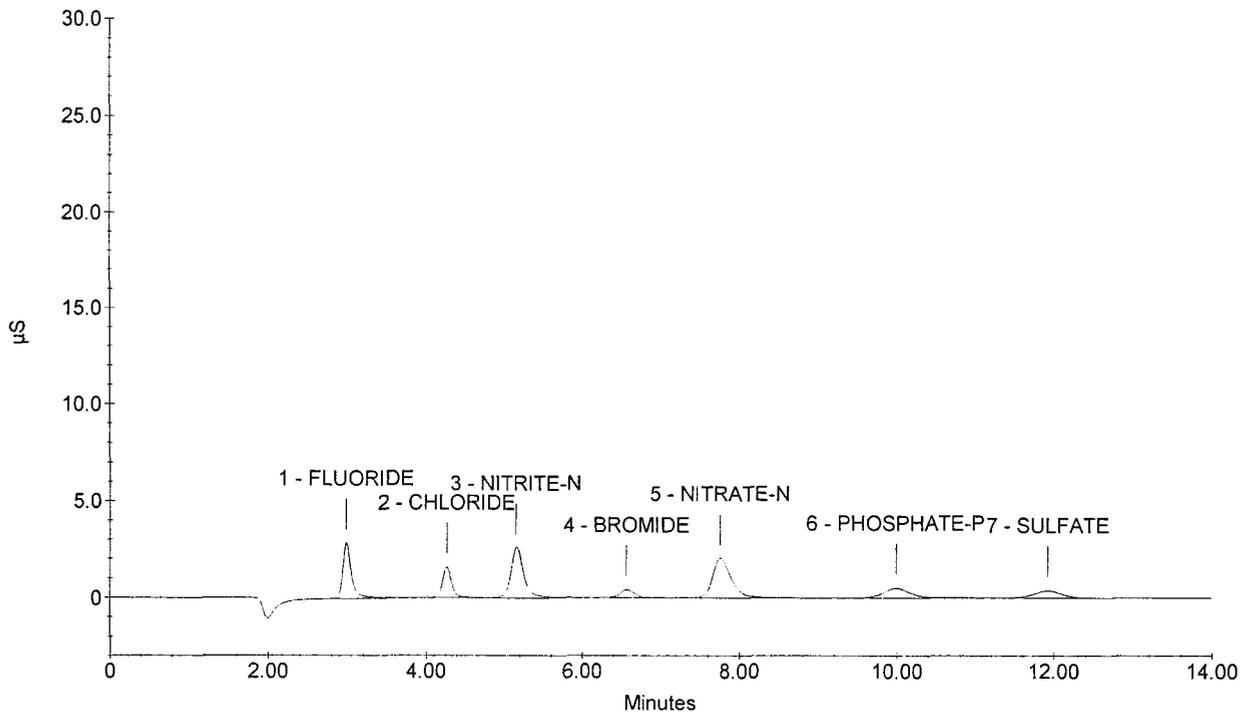
Sample Name : 1000ppb 36-05-IC6  
Dilution Factor : 1.00  
Injection Number : 5  
Data File Name : c:\peaknet\data\061121\061121\_005.DXD  
Method File Name : c:\peaknet\method\anions061121.met  
Schedule File Name : c:\peaknet\schedule\061121.sch

Date Time Collected : 11/21/06 10:40:12 AM  
Date Time Updated : 11/21/06 10:56:45 AM  
System Name : Dx-500  
Detector Name : Conductivity Detector  
Column Type : AS14-SN#018097 AG14-#019940  
System Operator : RSPIES

010310

Peak Information : All Components					
Peak Number	Peak Retention Time	Component Name	Concentration, ppm (PPB)	Peak Area	Peak Height
1	2.98	FLUORIDE	1000.00	218414	28563
2	4.27	CHLORIDE	1000.00	133332	15552
3	5.15	NITRITE-N	1000.00	302442	25591
4	6.57	BROMIDE	1000.00	55490	4128
5	7.76	NITRATE-N	1000.00	337227	20285
6	9.99	PHOSPHATE-P	1000.00	126725	4994
7	11.92	SULFATE	1000.00	93736	3746

1000ppb 36-05-IC6

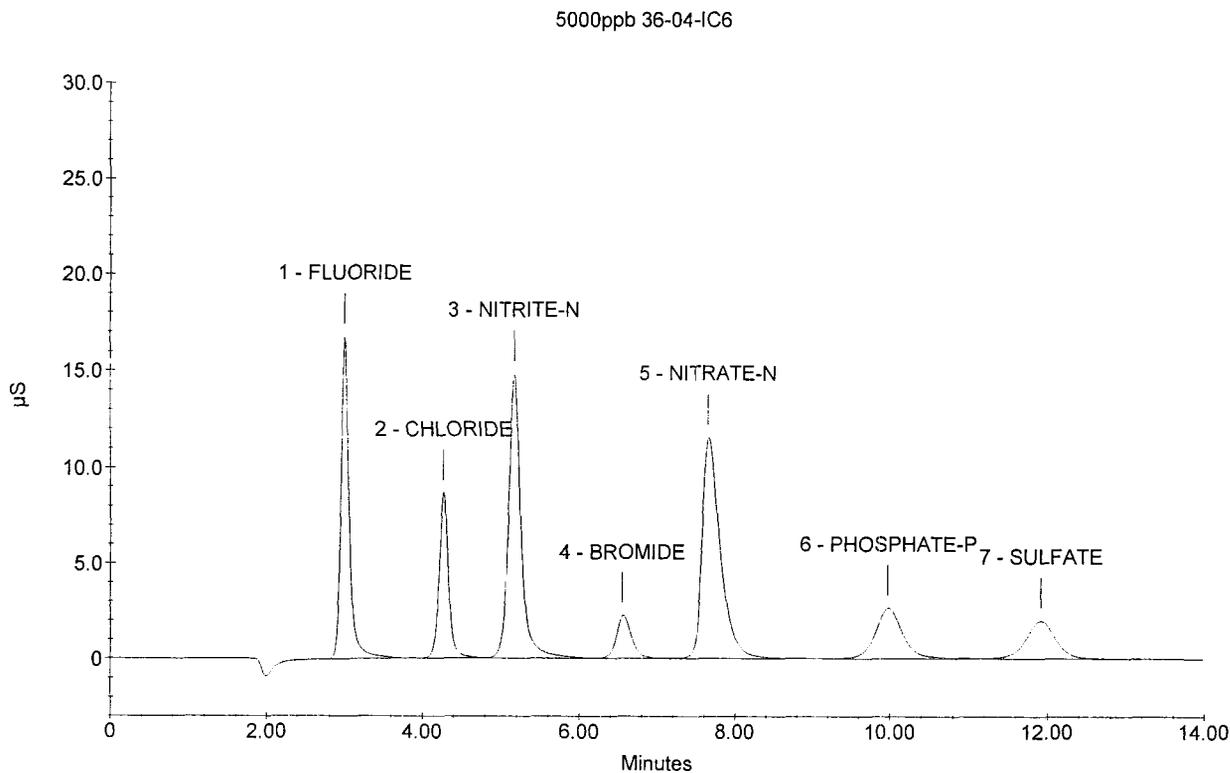


Sample Name : 5000ppb 36-04-IC6  
 Dilution Factor : 1.00  
 Injection Number : 6  
 Data File Name : c:\peaknet\data\061121\061121\_006.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\061121.sch

Date Time Collected : 11/21/06 10:56:49 AM  
 Date Time Updated : 11/21/06 11:13:21 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010311**

Peak Information : All Components					
Peak Number	Peak Retention Time	Component Name	Concentration, ppm (PPB)	Peak Area	Peak Height
1	3.00	FLUORIDE	5000.00	1194951	167245
2	4.27	CHLORIDE	5000.00	732576	85884
3	5.17	NITRITE-N	5000.00	1673560	147535
4	6.55	BROMIDE	5000.00	302366	22265
5	7.65	NITRATE-N	5000.00	1900543	114863
6	9.98	PHOSPHATE-P	5000.00	649628	26414
7	11.92	SULFATE	5000.00	518253	19812



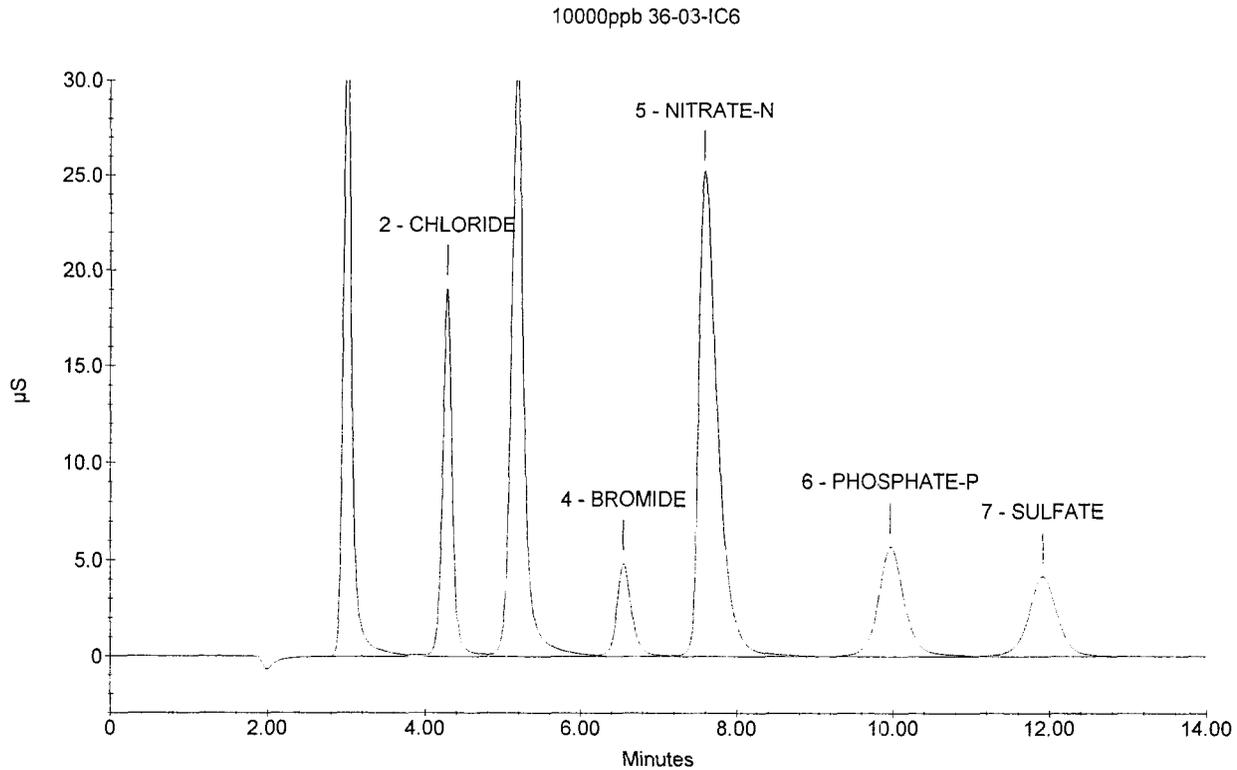
Sample Name : 10000ppb 36-03-IC6  
Dilution Factor : 1.00  
Injection Number : 7  
Data File Name : c:\peaknet\data\061121\061121\_007.DXD  
Method File Name : c:\peaknet\method\anions061121.met  
Schedule File Name : c:\peaknet\schedule\061121.sch

Date Time Collected : 11/21/06 11:13:27 AM  
Date Time Updated : 11/21/06 11:29:58 AM  
System Name : Dx-500  
Detector Name : Conductivity Detector  
Column Type : AS14-SN#018097 AG14-#019940  
System Operator : RSPIES

010312

Peak Information : All Components

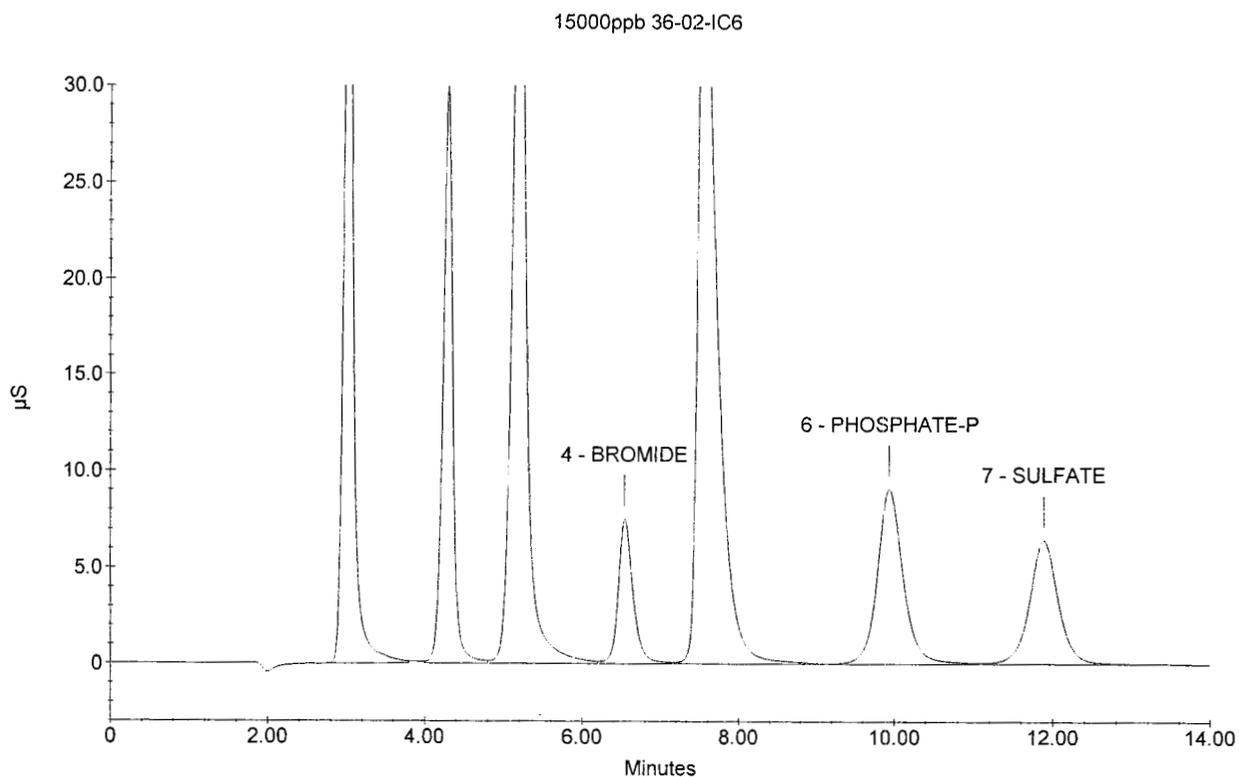
Peak Number	Peak Retention Time	Component Name	Concentration, ppm (PPB)	Peak Area	Peak Height
1	3.00	FLUORIDE	10000.00	2562619	333959
2	4.28	CHLORIDE	10000.00	1627259	190309
3	5.18	NITRITE-N	10000.00	3579861	308441
4	6.55	BROMIDE	10000.00	646876	47950
5	7.58	NITRATE-N	10000.00	4202641	250659
6	9.96	PHOSPHATE-P	10000.00	1346525	56771
7	11.91	SULFATE	10000.00	1077771	41538



Sample Name : 15000ppb 36-02-IC6  
 Dilution Factor : 1.00  
 Injection Number : 8  
 Data File Name : c:\peaknet\data\061121\061121\_008.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\061121.sch

Date Time Collected : 11/21/06 11:30:03 AM **010313**  
 Date Time Updated : 11/21/06 11:46:36 AM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

Peak Information : All Components					
Peak Number	Peak Retention Time	Component Name	Concentration, ppm (PPB)	Peak Area	Peak Height
1	3.02	FLUORIDE	15000.00	3924796	508739
2	4.28	CHLORIDE	15000.00	2574669	293457
3	5.18	NITRITE-N	15000.00	5475503	453490
4	6.53	BROMIDE	15000.00	993907	74896
5	7.53	NITRATE-N	15000.00	6669133	393455
6	9.93	PHOSPHATE-P	15000.00	2093534	90624
7	11.88	SULFATE	15000.00	1638986	64372



Sample Name : 20000ppb 36-01-IC6  
 Dilution Factor : 1.00  
 Injection Number : 9  
 Data File Name : c:\peaknet\data\061121\061121\_009.DXD  
 Method File Name : c:\peaknet\method\anions061121.met  
 Schedule File Name : c:\peaknet\schedule\061121.sch

Date Time Collected : 11/21/06 11:46:43 AM  
 Date Time Updated : 11/21/06 12:03:16 PM  
 System Name : Dx-500  
 Detector Name : Conductivity Detector  
 Column Type : AS14-SN#018097 AG14-#019940  
 System Operator : RSPIES

**010314**

Peak Information : All Components					
Peak Number	Peak Retention Time	Component Name	Concentration, ppm (PPB)	Peak Area	Peak Height
1	3.02	FLUORIDE	20000.00	5250308	636965
2	4.30	CHLORIDE	20000.00	3569897	408450
3	5.20	NITRITE-N	20000.00	7341323	594634
4	6.52	BROMIDE	20000.00	1356694	102757
5	7.50	NITRATE-N	20000.00	9290814	538827
6	9.92	PHOSPHATE-P	20000.00	2902233	127550
7	11.88	SULFATE	20000.00	2244177	88802

