

Atmospheric Analysis & Consulting, Inc.

Client : SWAPE.
Client Project Name : Bridgeton Sanitary Landfill Air Quality Assessment
Client Project No. : NA
AAC Project No. : 130650
Reporting Date : 06/07/2013

On May 30, 2013, Atmospheric Analysis & Consulting, Inc. received seven (7) Silica Gel Tubes for HCL analysis by NIOSH Method 7903. Upon receipt each sample was assigned a unique Laboratory ID number as follows:

Client Sample ID	AAC Sample ID
BZ-1-HCL	130650-63203
BZ-2-HCL	130650-63212
U1-HCL	130650-63221
U2-HCL	130650-63230
D1-HCL	130650-63239
D2-HCL	130650-63248
Trip Blank-HCL	130650-63256


NIOSH 7903 Analysis – Up to a 5mL aliquot of the sample was injected into the DIONEX IC for analysis following NIOSH 7903 as specified in the SOW.

All sample values were blank corrected using the Trip Blank value for HCL. The Trip Blank value was calculated using a sample volume of 100 Liters.

No other problems were encountered during receiving, preparation, and/or analysis of these samples. The test results included in this report meet all requirements of the NELAC Standards and/or AAC SOP# N.7903.02.

I certify that this data is technically accurate, complete and in compliance with the terms and conditions of the contract. The Laboratory Director or his designee, as verified by the following signature, has authorized the release of the data contained in this hardcopy data package.

If you have any questions or require further explanation of data results, please contact the undersigned.


Marcus Hueppe
Laboratory Director

This report consists of 44 pages.



100000
ARCH 132467

CHAIN OF CUSTODY RECORD / ANALYTICAL REQUEST FORM

Bridgeton Sanitary Landfill Air Quality Assessment

Client Name: SOIL / WATER AIR PROTECTION ENTERPRISE
 Project Manager: PAUL ROSENFELD, PH.D.
 Address: 1640 FIFTH STREET, SUITE 204, SANTA MONICA, CA 90401
 Project Name and Location: BRIDGETON SANITARY LANDFILL AIR QUALITY ASSESSMENT

Telephone No. / Fax No.: (310) 434-0110 / (310) 434-0011

REQUESTED TESTS / ANALYSES

Date: 5/29/13 Page 1 of 1

Special Instructions / Conditions of Receipt

LAB ID	SAMPLE ID NUMBER	Type	Date	Time	VOCS - EPA TO-15	Reduced Sulfur Compounds - ASTM D5504	Aldehydes - EPA TO-11A	Carboxylic Acids - Tube GC-MS	HCL - NIOSH 7903	Ammonia - OSHA ID-188	SO2 - OSHA ID-200	HCN - NIOSH 6010	Amines - NIOSH 2010M	Fixed Gases - EPA 3C	PAHs / Dioxins EPA TO-13A / 9A	Mercury - NIOSH 6009	Odor Evaluation
632200	BZ-1-Caulister	Can	5/21/13	12:09	X									X			
632201	-DNPH	Tube		11:57			X										
632202	-Acids			12:08			X										
632203	-HCL			11:59				X									
632204	-AMMONIA			12:02					X								
632205	-SO2			12:05						X							
632206	-HCN			12:01							X						
632207	-AMINES			12:04								X					
632208	-MERCURY			12:07											X		

Requested Turnaround Time: Standard turn-around for all analyses. If possible deliver report within 2 weeks.
 QC Requirements: Provide Level IV QC Package for all Analyses.

Relinquished By: *Paul Rosenfeld* Date: 5/29/13 Time: 10:30
 Relinquished By: *Paul Rosenfeld* Date: Date: Time: Time:
 Relinquished By: Date: Date: Time: Time:
 Received By: *W. J. J.* Date: 5/30/13 Time: 14:15

ACC # 130650

CHAIN OF CUSTODY RECORD / ANALYTICAL REQUEST FORM

Bridgeton Sanitary Landfill Air Quality Assessment

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 Project Manager: PAUL ROSENFELD, PH.D.
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Date: 5/29/13 Page 1 of 1

REQUESTED TESTS / ANALYSES

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603209	BE-2-CANISTER	CAN	5/29/13	16:23	X	X								X			
603210	-DNR4	TUE		16:16													
603211	-ACIDS			16:19			X										
603212	-HCL			16:14				X									
603213	-AMMONIA			16:21				X									
603214	-SO2			16:22					X								
603215	-HEN			16:17						X							
603216	-AMINES			16:18							X						
603217	-MERCURY			16:21								X					

Requested Turnaround Time: Standard turn-around for all analyses. If possible deliver report within 2 weeks.

QC Requirements: Provide Level IV QC Package for all Analyses.

Relinquished By: <i>[Signature]</i>	Date: 5/29/13	Time: 18:30	Received By: <i>[Signature]</i>	Date: 5/29/13	Time: 14:15
Relinquished By: <i>[Signature]</i>	Date:	Time:	Received By: <i>[Signature]</i>	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Special Instructions / Conditions of Receipt

SOIL / WATER / AIR PROTECTION ENTERPRISE

AAE # 130650

CHAIN OF CUSTODY RECORD / ANALYTICAL REQUEST FORM

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Date: 5/29/13 Page 1 of 1

REQUESTED TESTS / ANALYSES

Special Instructions /
Conditions of Receipt

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63218	U-1 - Davis	Can	5/29/13	12:46	X	X								X			
63219	- Davis	Tube		12:42			X										
63220	- Davis			12:47				X									
63221	- Davis			12:49					X								
63222	- Davis			12:50						X							
63223	- Davis			12:46							X						
63224	- Davis			12:51								X					
63225	- Davis			12:45									X				
63226	- Davis			12:48											X		

Requested Turnaround Time: Standard turn-around for all analyses. If possible deliver report within 2 weeks.

QC Requirements: Provide Level IV QC Package for all Analyses.

Relinquished By: <i>Paul Rosenfeld</i>	Date: 5/29/13	Time: 18:30	Received By: <i>WJF</i>	Date: 5/30/13	Time: 14:15
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Samples received 07.0.12

SOIL / WATER / AIR PROTECTION ENTERPRISE

File # 132650

CHAIN OF CUSTODY RECORD / ANALYTICAL REQUEST FORM

Bridgeton Sanitary Landfill Air Quality Assessment

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 Project Name and Location: BRIDGETON SANITARY LANDFILL AIR QUALITY ASSESSMENT

Telephone No. / Fax No.: (310) 434-0110 / (310) 434-0011

Sampled By: Paul Rosenfeld
 Sample Signature: Paul Rosenfeld

REQUESTED TESTS / ANALYSES

LAB ID	SAMPLE ID NUMBER	Type	Date	Time	VOCS - EPA TO-15	Reduced Sulfur Compounds - ASTM D5504	Aldehydes - EPA TO-11A	Carboxylic Acids - Tube GC-MS	HCL - NIOSH 7903	Ammonia - OSHA ID-188	SO2 - OSHA ID-200	HCN - NIOSH 6010	Amines - NIOSH 2010M	Fixed Gases - EPA 3C	PAHs / Dioxins EPA TO-13A / 9A	Mercury - NIOSH 6009	Odor Evaluation
63227	0-2 - CHASSER	CAV	5/21/13	16:46	X	X								X			
63228	- DIRT	DIE		16:43			X										
63229	- ACIDS			16:41			X										
63230	- HEL			16:40				X									
63231	- AMMONIA			16:44				X									
63232	- SO2			16:45					X								
63233	- HCN			16:42						X							
63234	- AMINES			16:42							X						
63235	- MERCURY			16:39								X					

Requested Turnaround Time: Standard turn-around for all analyses. If possible deliver report within 2 weeks.

QC Requirements: Provide Level IV QC Package for all Analyses.

Relinquished By: <i>Paul Rosenfeld</i>	Date: 5/21/13	Time: 18:30	Received By: <i>Paul Rosenfeld</i>	Date: 5/21/13	Time: 17:15
Relinquished By: <i>Paul Rosenfeld</i>	Date: 5/21/13	Time: 18:30	Received By: <i>Paul Rosenfeld</i>	Date: 5/21/13	Time: 17:15
Relinquished By: <i>Paul Rosenfeld</i>	Date: 5/21/13	Time: 18:30	Received By: <i>Paul Rosenfeld</i>	Date: 5/21/13	Time: 17:15

SOIL / WATER / AIR PROTECTION ENTERPRISE

Special Instructions / Conditions of Receipt

Date: 5/21/13 Page 1 of 1

AAE #130650

CHAIN OF CUSTODY RECORD / ANALYTICAL REQUEST FORM

Bridgeton Sanitary Landfill Air Quality Assessment

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 Project Manager: PAUL ROSENFELD, PH.D.

Telephone No. / Fax No.: (310) 434-0110 / (310) 434-0011

Address: 1640 FIFTH STREET, SUITE 204, SANTA MONICA, CA 90401

REQUESTED TESTS / ANALYSES

Date: 5/29/13 Page 1 of 1

Project Name and Location: BRIDGETON SANITARY LANDFILL AIR QUALITY ASSESSMENT

Sampled By: Paul Rosenfeld
 Sample Signature: Paul Rosenfeld

LAB ID	SAMPLE ID NUMBER	Type	Date	Time	VOCS - EPA TO-15	Reduced Sulfur Compounds - ASTM D5504	Aldehydes - EPA TO-11A	Carboxylic Acids - Tube GC-MS	HCL - NIOSH 7903	Ammonia - OSHA ID-188	SO2 - OSHA ID-200	HCN - NIOSH 6010	Amines - NIOSH 2010M	Fixed Gases - EPA 3C	PAHs / Dioxins EPA TO-13A / 9A	Mercury - NIOSH 6009	Odor Evaluation
63237	D-1 - CANISTER	CAN	5/29/13	13:28	X	X	X							X			
63238	- DNPH	TUBE		13:24													
63239	- ACID			13:26			X										
63240	- HCL			13:28				X									
63241	- AMMONIA			13:18					X								
63242	- SO2			13:20						X							
63243	- HCN			13:22							X						
63244	- AMINES			13:25								X					
63244	- MERCURY			13:21											X		

Special Instructions / Conditions of Receipt

Requested Turnaround Time: Standard turn-around for all analyses. If possible deliver report within 2 weeks.

QC Requirements: Provide Level IV QC Package for all Analyses.

Relinquished By: Paul Hesse	Date: 5/29/13	Time: 18:30	Received By: [Signature]	Date: 5/29/13	Time: 14:15
Relinquished By: [Signature]	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

SOIL / WATER / AIR PROTECTION ENTERPRISE

ARC# 130650

CHAIN OF CUSTODY RECORD / ANALYTICAL REQUEST FORM

Bridgeton Sanitary Landfill Air Quality Assessment

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Telephone No. / Fax No.: (310) 434-0110 / (310) 434-0011

Sampled By: Paul Rosenfeld
 Sample Signature: Paul Rosenfeld

REQUESTED TESTS / ANALYSES

LAB ID	SAMPLE ID NUMBER	Type	Date	Time	VOCS - EPA TO-15	Reduced Sulfur Compounds - ASTM D5504	Aldehydes - EPA TO-11A	Carboxylic Acids - Tube GC-MS	HCL - NIOSH 7903	Ammonia - OSHA ID-188	SO2 - OSHA ID-200	HCN - NIOSH 6010	Amines - NIOSH 2010M	Fixed Gases - EPA 3C	PAHs / Dioxins EPA TO-13A / 9A	Mercury - NIOSH 6009	Odor Evaluation
63245	D-2 - CANISTER	Can	5/29/13	17:20	X									X			
63246	- DNPH	TOBE		17:20		X											
63247	- ACID5			17:27			X										
63248	- HEL			17:24				X									
63249	- AMMONIA			17:25					X								
63250	- SO2			17:22						X							
63251	- HCN			17:26							X						
63252	- AMINES			17:27								X					
63253	- MERCURY	Y	9	17:23												X	

Special Instructions / Conditions of Receipt

Requested Turnaround Time: Standard turn-around for all analyses. If possible deliver report within 2 weeks.

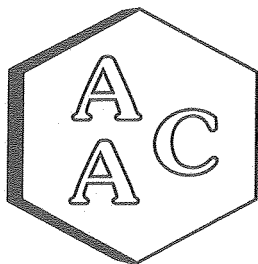
QC Requirements: Provide Level IV QC Package for all Analyses.

Relinquished By: <i>Kob Helle</i>	Date: 5/29/13	Time: 10:30	Received By: <i>[Signature]</i>	Date: 5/29/13	Time: 14:15
Relinquished By: <i>[Signature]</i>	Date:	Time:	Received By: <i>[Signature]</i>	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

SOIL / WATER / AIR PROTECTION ENTERPRISE

Sample Name	Date	Parameter	Tube	Description	Location	Volume (Liters)
D-1-DNPH Total	5/29/2013	Aldehydes	226-120	Off-site Ambient	Downwind; Virbac Front Lawn, North Corner	397
D-2-DNPH	5/29/2013	Aldehydes	226-120	Off-site Ambient	Downwind; Northwest Auto Body; NW Corner	161
U-1-DNPH	5/29/2013	Aldehydes	226-120	Off-site Ambient	Upwind; FR Service Co., Front Lawn NW Corner	278
U-2-DNPH	5/29/2013	Aldehydes	226-120	Off-site Ambient	Upwind; FR Service Co., Front Lawn NW Corner	238
BZ-1-DNPH	5/29/2013	Aldehydes	226-120	ONSITE Ambient	North of Flares; West of Parking Lot; Downwind	259
BZ-2-DNPH	5/29/2013	Aldehydes	226-120	ONSITE Ambient	Adjacent to Flares; Downwind of RCP Removal	249
D-1-Ammonia	5/29/2013	Ammonia	226-29	Off-site Ambient	Downwind; Virbac Front Lawn, North Corner	28.2
D-2-Ammonia	5/29/2013	Ammonia	226-29	Off-site Ambient	Downwind; Northwest Auto Body; NW Corner	23.3
U-1-Ammonia	5/29/2013	Ammonia	226-29	Off-site Ambient	Upwind; FR Service Co., Front Lawn NW Corner	29.2
U-2-Ammonia	5/29/2013	Ammonia	226-29	Off-site Ambient	Upwind; FR Service Co., Front Lawn NW Corner	24.1
BZ-1-Ammonia	5/29/2013	Ammonia	226-29	ONSITE Ambient	North of Flares; West of Parking Lot; Downwind	25.5
BZ-2-Ammonia	5/29/2013	Ammonia	226-29	ONSITE Ambient	Adjacent to Flares; Downwind of RCP Removal	23.7
D-1-HCL	5/29/2013	Hydrogen Chloride	226-10-03	Off-site Ambient	Downwind; Virbac Front Lawn, North Corner	100
D-2-HCL	5/29/2013	Hydrogen Chloride	226-10-03	Off-site Ambient	Downwind; Northwest Auto Body; NW Corner	78.8
U-1-HCL	5/29/2013	Hydrogen Chloride	226-10-03	Off-site Ambient	Upwind; FR Service Co., Front Lawn NW Corner	103
U-2-HCL	5/29/2013	Hydrogen Chloride	226-10-03	Off-site Ambient	Upwind; FR Service Co., Front Lawn NW Corner	81.8
BZ-1-HCL	5/29/2013	Hydrogen Chloride	226-10-03	ONSITE Ambient	North of Flares; West of Parking Lot; Downwind	96.7
BZ-2-HCL	5/29/2013	Hydrogen Chloride	226-10-03	ONSITE Ambient	Adjacent to Flares; Downwind of RCP Removal	91.4
D-1-SO2	5/29/2013	Sulfur Dioxide	226-80	Off-site Ambient	Downwind; Virbac Front Lawn, North Corner	15.3
D-2-SO2	5/29/2013	Sulfur Dioxide	226-80	Off-site Ambient	Downwind; Northwest Auto Body; NW Corner	11.9
U-1-SO2	5/29/2013	Sulfur Dioxide	226-80	Off-site Ambient	Upwind; FR Service Co., Front Lawn NW Corner	14.9
U-2-SO2	5/29/2013	Sulfur Dioxide	226-80	Off-site Ambient	Upwind; FR Service Co., Front Lawn NW Corner	12.6
BZ-1-SO2	5/29/2013	Sulfur Dioxide	226-80	ONSITE Ambient	North of Flares; West of Parking Lot; Downwind	13.2
BZ-2-SO2	5/29/2013	Sulfur Dioxide	226-80	ONSITE Ambient	Adjacent to Flares; Downwind of RCP Removal	13.0

Results



Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

Anion Analysis by IC

Client: : Swape
Client Project Name : Bridgeton Sanitary Landfill Air Quality Assessment
AAC Project No. : 130650
Analyst : EG/HP
Units : ppbv

Sampling Date : 05/29/2013
Receiving Date : 05/30/2013
Analysis Date : 06/05/2013
Reporting Date : 06/07/2013


Hydrochloric Acid by NIOSH Method 7903

Client Sample ID	AAC Sample ID	Sample Volume (mL)	Analysis DF	Hydrochloric Acid Concentration (ppbv)	Sample Reporting Limit (ppbv)
BZ-1-HCL	130650-63203	10	1	<SRL	7.13
BZ-2-HCL	130650-63212	10	1	<SRL	7.55
U1-HCL	130650-63221	10	1	<SRL	6.70
U2-HCL	130650-63230	10	1	<SRL	8.43
D1-HCL	130650-63239	10	1	<SRL	6.90
D2-HCL	130650-63248	10	1	<SRL	8.75
Trip Blank-HCL	130650-63256	10	1	<SRL	6.90

<SRL-compound was analyzed for but not detected at or above the SRL (Sample Reporting Limit)

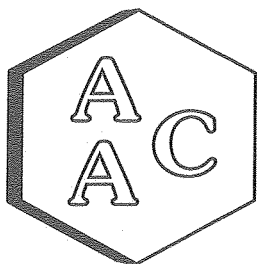
All sample values were blank corrected using the Trip Blank value for HCL

The Trip Blank value was calculated using a sample volume of 100 Liters



Marcus Hueppe
Laboratory Director





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

Anion Analysis by IC

Client: : Swape
Client Project Name: : Bridgeton Sanitary Landfill Air Quality Assessment
AAC Project No.: : 130650
Analyst : EG/HP
Units : ug/sample and ug/m³

Sampling Date : 05/29/2013
Receiving Date : 05/30/2013
Analysis Date : 06/05/2013
Reporting Date : 06/07/2013

Hydrochloric Acid by NIOSH Method 7903

Client Sample ID	AAC Sample ID	Sample Volume (mL)	Analysis DF	Hydrochloric Acid Concentration (ug/sample)	Sample Reporting Limit (ug/sample)	Hydrochloric Acid Concentration (ug/m ³)	Sample Reporting Limit (ug/m ³)
BZ-1-HCL	130650-63203	10	1	<SRL	1.03	<SRL	10.6
BZ-2-HCL	130650-63212	10	1	<SRL	1.03	<SRL	11.2
U1-HCL	130650-63221	10	1	<SRL	1.03	<SRL	9.98
U2-HCL	130650-63230	10	1	<SRL	1.03	<SRL	12.6
D1-HCL	130650-63239	10	1	<SRL	1.03	<SRL	10.3
D2-HCL	130650-63248	10	1	<SRL	1.03	<SRL	13.0
Trip Blank-HCL	130650-63256	10	1	<SRL	1.03	<SRL	10.3

<SRL-compound was analyzed for but not detected at or above the SRL (Sample Reporting Limit)

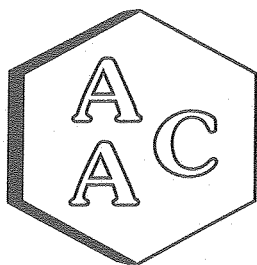
All sample values were blank corrected using the Trip Blank value for HCL

The Trip Blank value was calculated using a sample volume of 100 Liters

Marcus Hueppe
Laboratory Director



QA/QC Summary



Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report NIOSH Method 7903

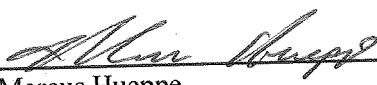
Analysis Date : 06/05/2013
Analyst : EG/HP

Instrument ID : DIONEX IC # 1

Calibration Verification of the 04/25/2013 Calibration

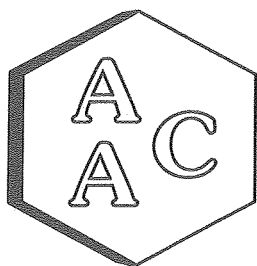
Sample ID	Analyte	Theoretical Concentration (ug/mL)	Practical Concentration (ug/mL)	Percent Recovery (%)*
Opening CV	Chloride	25.0	24.5	98.0
Continuing CV	Chloride	25.0	24.5	97.8
Continuing CV	Chloride	25.0	24.3	97.2
Closing CV	Chloride	25.0	24.4	97.8
Second Source	Chloride	25.0	25.6	103

* Must be 85-115%



Marcus Hueppe
Laboratory Director





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL/ASSURANCE REPORT

NIOSH Method 7903

Instrument ID : DIONEX IC # 1

Analysis Date : 06/05/2013
 Analyst : EG/HP

Method Blank Analysis

Analyte	Concentration (ug/mL)	Reporting Limit (ug/mL)
Method Blank 1		
Chloride	<SRL	0.100

Laboratory Control Spike Analysis

Analyte	Theoretical Sample Concentration (ug/mL)	Theoretical Spike Concentration (ug/mL)	Lab Spike Concentration (ug/mL)	Duplicate Lab Spike Concentration (ug/mL)	Spike Recovery (%)**	Duplicate Spike Recovery (%)**	% RPD****
Laboratory Control Spike 1							
Chloride	0.000	12.5	11.6	11.5	92.7	91.9	0.9

Matrix Spike Analysis

Analyte	Theoretical Sample Concentration (ug/mL)	Theoretical Spike Concentration (ug/mL)	Matrix Spike Concentration (ug/mL)	Duplicate Matrix Spike Concentration (ug/mL)	Spike Recovery (%)***	Duplicate Spike Recovery (%)***	% RPD****
Matrix Spike Analysis [Sample 130650-63256]							
Chloride	0.073	12.5	11.5	11.5	91.3	91.5	0.2

Duplicate Sample Analysis

Sample ID	Analyte	Result (ug/mL)	Duplicate Result (ug/mL)	%RPD *	DF
130650-63256	Chloride	0.150	0.140	6.9	1
130650-63230	Chloride	0.210	0.210	0.0	1
130650-63258	Chloride	<SRL	<SRL	NA	1

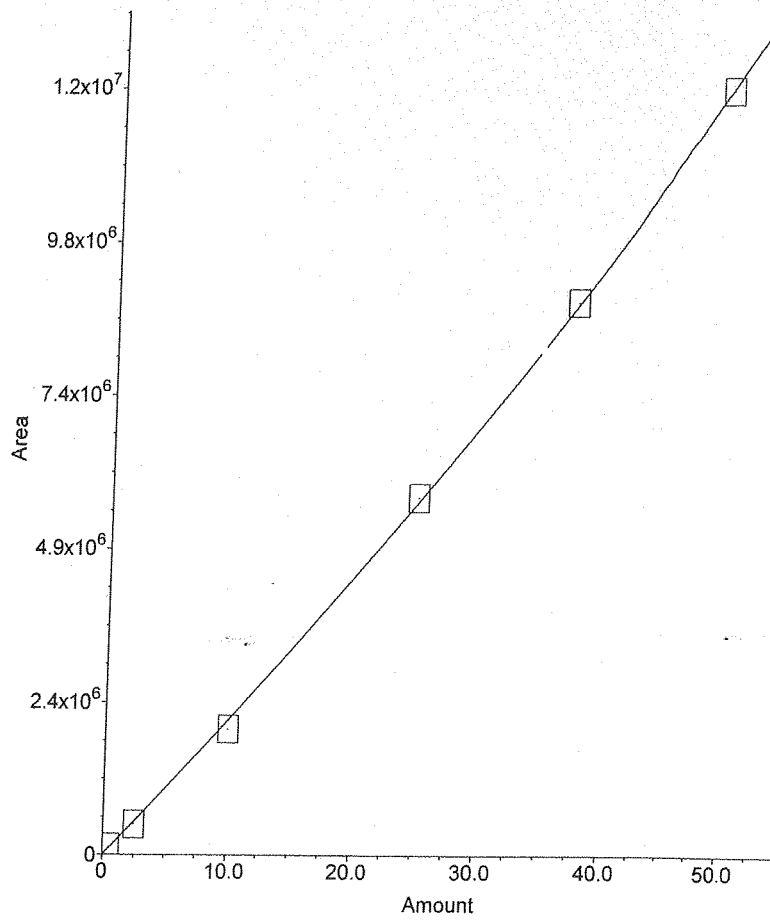
- * Must be <10%
- ** Must be 85-115%
- *** Must be 75-125%
- **** Must be < 25%

 Marcus Hueppe
 Laboratory Director



Calibration Summary

2. Component: Chloride
Standard: External Fit Type: Quadratic
Origin: Force Calibration: Area
 $r^2=0.999743$
 $Amt=-5.263305e-014*Resp^2+$
 $4.683164e-006*Resp+0$



Raw Data

Sample Analysis Report

Sample Name : DI Water Blank

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_001.DXD

Method File Name : c:\peaknet\method\2013\anions-042513.met

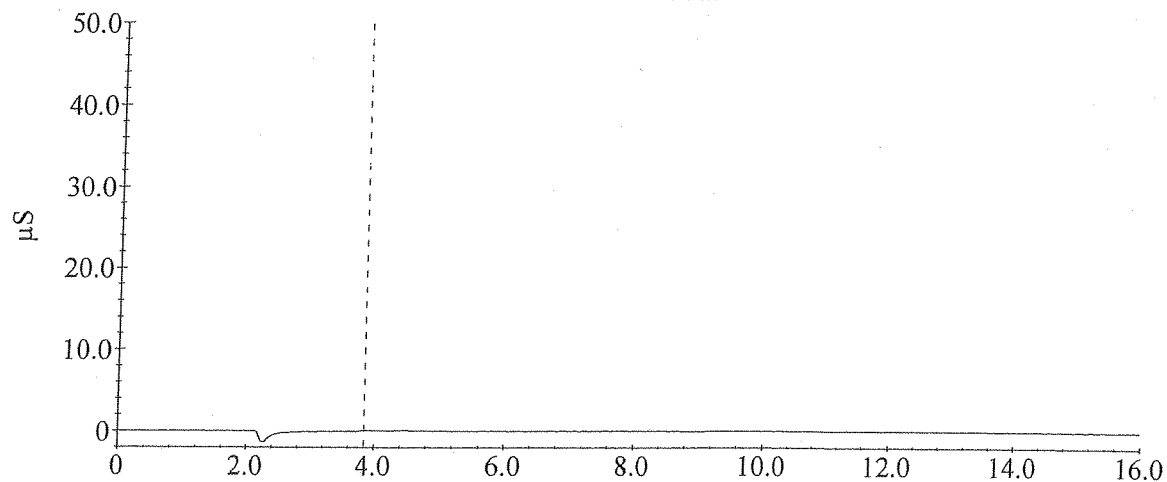
Date Time Collected : 6/5/2013 11:14:18 AM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
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DI Water Blank



HP
06/05/13

Sample Analysis Report

Sample Name : CCV 25ug/mL SS0746x4

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_002.DXD

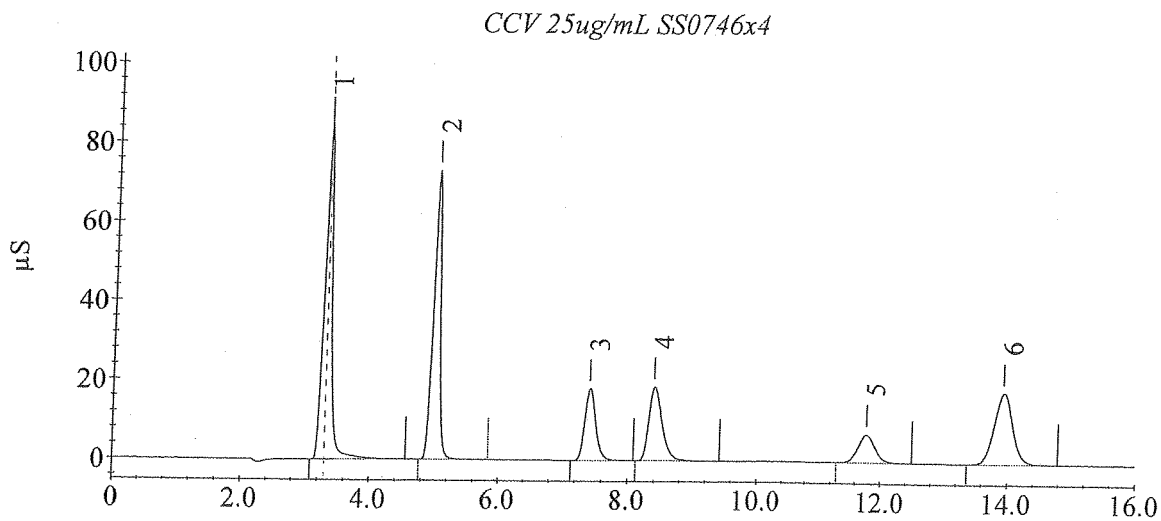
Method File Name : c:\peaknet\method\2013\anions-042513.met

Date Time Collected : 6/5/2013 11:30:39 AM

System Operator : EG

Peak Information . All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Fluoride	3.30	24.39	6855956	839072
2	Chloride	5.00	24.51	5584217	728561
3	Bromide	7.40	24.66	2087016	179281
4	Nitrate	8.38	24.91	2665145	184964
5	Phosphate	11.77	24.84	1335299	71197
6	Sulfate	13.92	24.66	3548124	178962



Sample Analysis Report

Sample Name : SS 25ug/ml SS0664x4

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONSIA_003.DXD

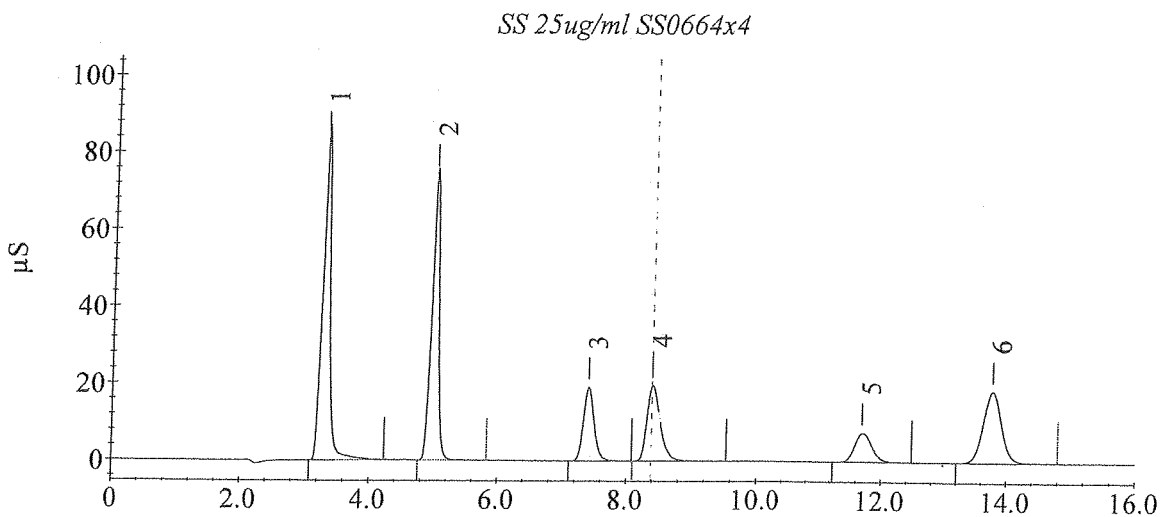
Method File Name : c:\peaknet\method\2013\anions-042513.met

Date Time Collected : 6/5/2013 11:46:56 AM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Fluoride	3.28	25.34	7110938	828125
2	Chloride	4.98	25.63	5859433	742704
3	Bromide	7.40	25.97	2206719	190856
4	Nitrate	8.38	26.04	2796217	194310
5	Phosphate	11.70	25.86	1394580	74964
6	Sulfate	13.77	25.78	3723073	185584



Sample Analysis Report

Sample Name : Method Blank

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_004.DXD

Method File Name : c:\peaknet\method\2013\anions-042513.met

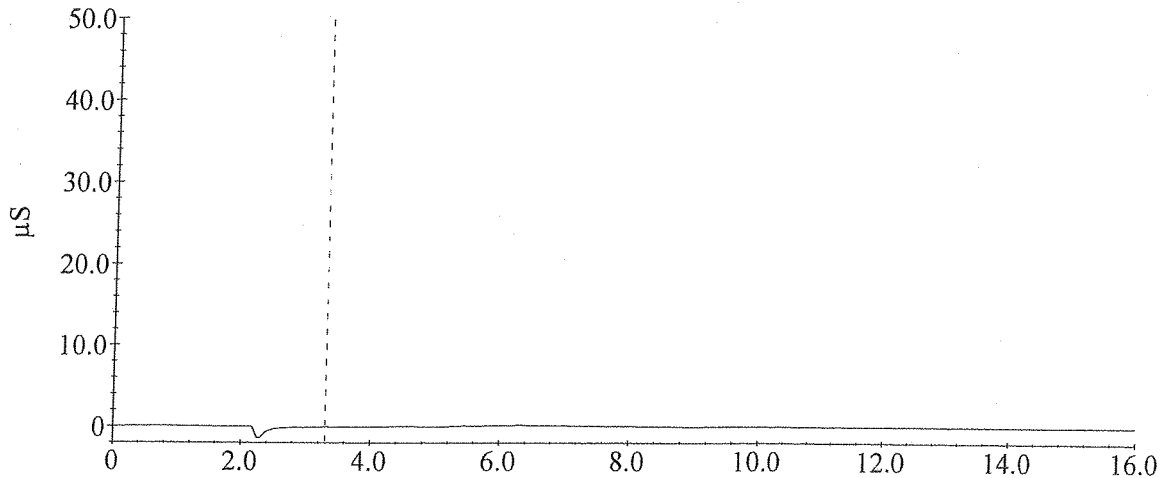
Date Time Collected : 6/5/2013 12:03:13 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
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Method Blank



HP
06/05/13

Sample Analysis Report

Sample Name : LCS 12.5ug/ml SS0746x8

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_005.DXD

Method File Name : c:\peaknet\method\2013\anions-042513.met

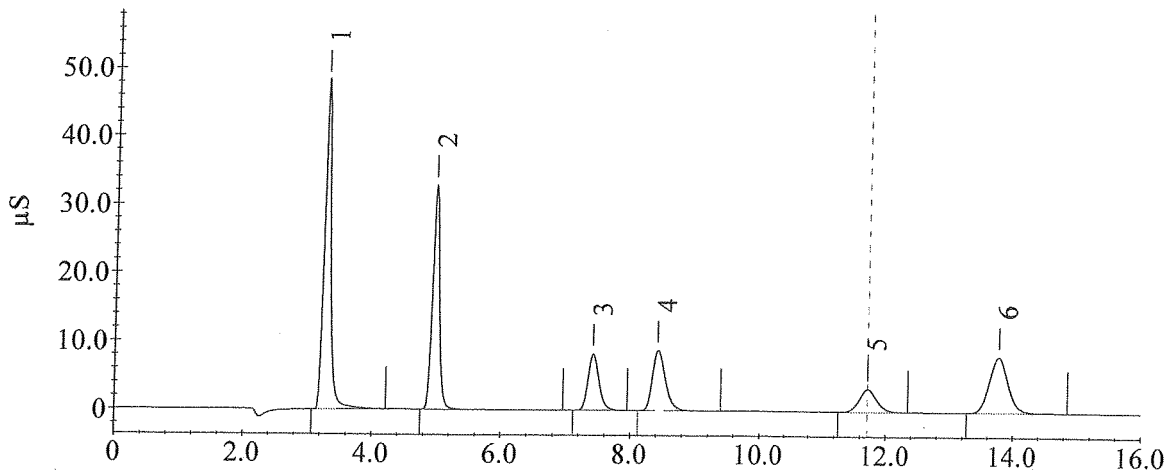
Date Time Collected : 6/5/2013 12:19:31 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Fluoride	3.27	12.07	3474869	481689
2	Chloride	4.97	11.59	2547090	326904
3	Bromide	7.42	11.91	969865	82208
4	Nitrate	8.42	12.02	1237948	87466
5	Phosphate	11.72	12.25	634614	33437
6	Sulfate	13.77	12.05	1666189	81335

LCS 12.5ug/ml SS0746x8



Sample Analysis Report

Sample Name : LCSD 12.5ug/ml SS0746x8

Data File Name : C:\PEAKNET\DATA\2013\060513\ANIONS\A_006.DXD

Method File Name : c:\peaknet\method\2013\anions-042513.met

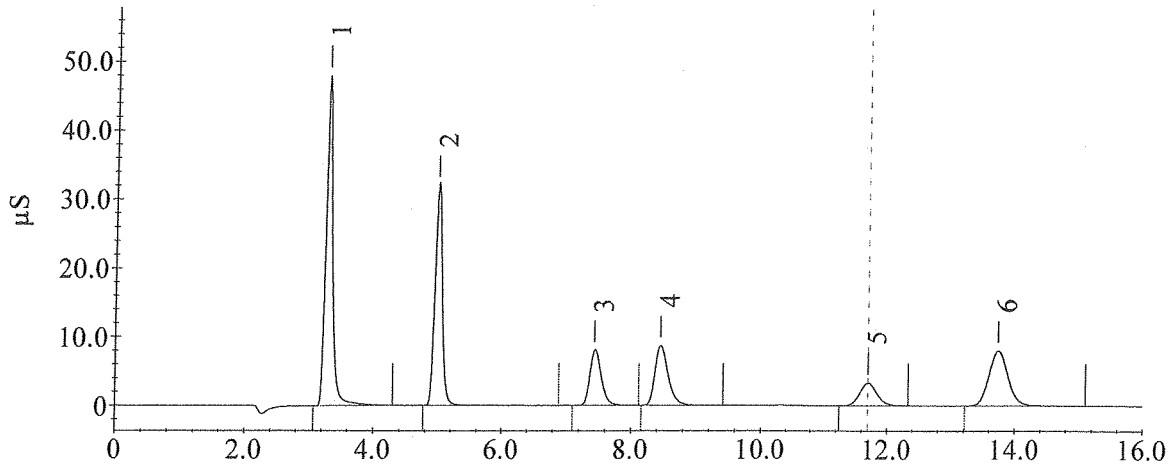
Date Time Collected : 6/5/2013 12:35:48 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Fluoride	3.28	12.00	3455729	478107
2	Chloride	4.98	11.49	2526203	318347
3	Bromide	7.43	11.88	966910	79524
4	Nitrate	8.45	11.88	1222717	85981
5	Phosphate	11.70	12.07	625180	32922
6	Sulfate	13.73	11.82	1634207	79585

LCSD 12.5ug/ml SS0746x8



Sample Analysis Report

Sample Name : MS 12.5 ug/ml (130650-63256)

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_007.DXD

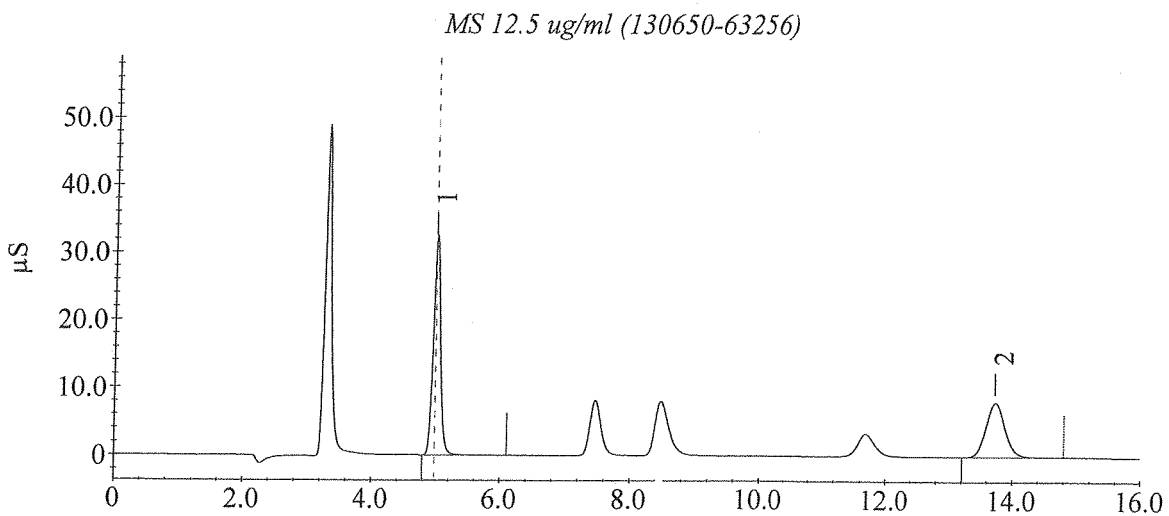
Method File Name : c:\peaknet\method\2013\anions-042513.met

Date Time Collected : 6/5/2013 12:52:06 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Chloride	4.98	11.49	2525268	314047
2	Sulfate	13.72	11.91	1645885	80152



Sample Analysis Report

Sample Name : MSD 12.5 ug/ml (130650-63256)

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_008.DXD

Method File Name : c:\peaknet\method\2013\anions-042513.met

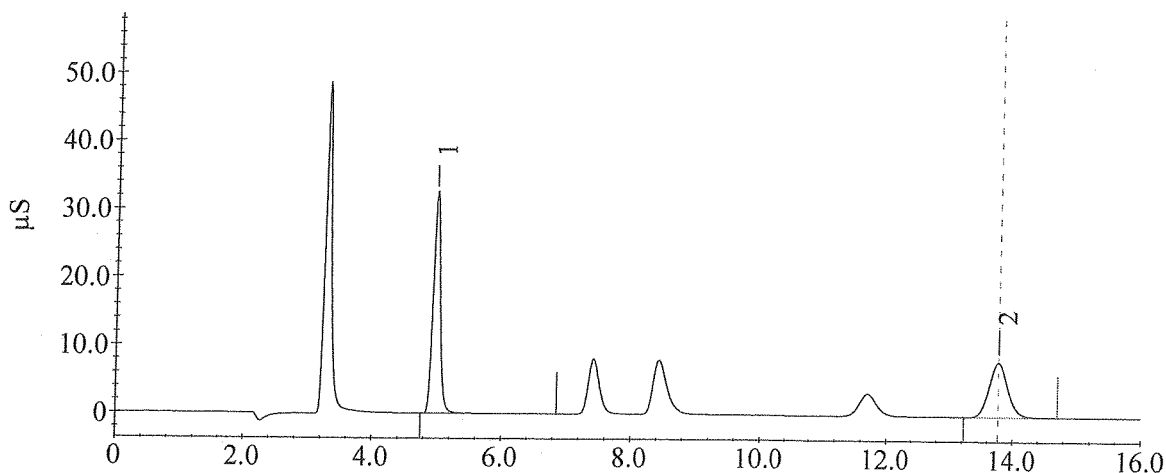
Date Time Collected : 6/5/2013 1:08:23 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Chloride	4.97	11.51	2529867	321168
2	Sulfate	13.77	11.95	1651946	80758

MSD 12.5 ug/ml (130650-63256)



HP
06/05/13

Sample Analysis Report

Sample Name : 130650-63256

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_009.DXD

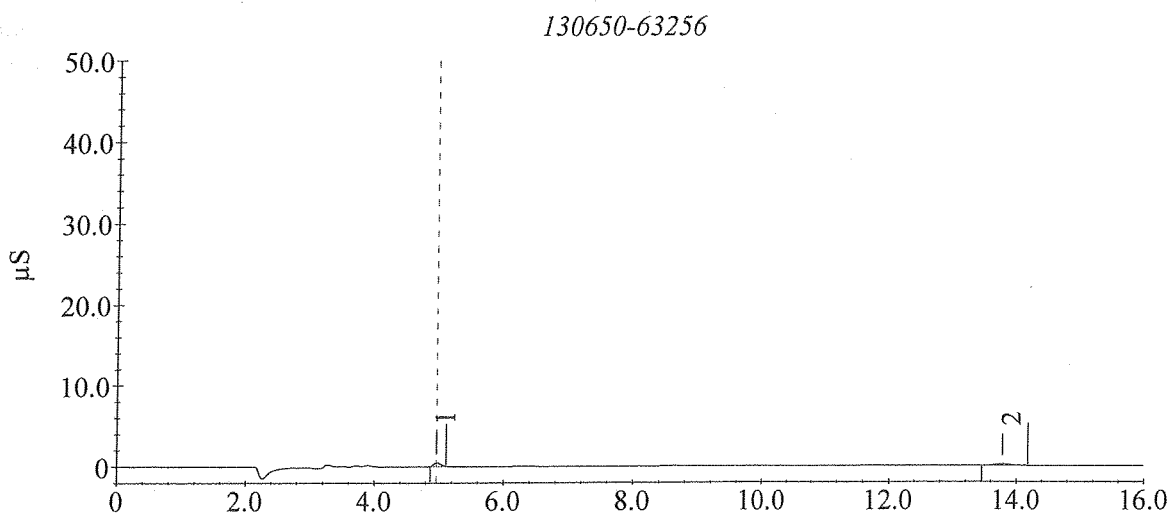
Method File Name : c:\peaknet\method\2013\anions-042513.met

Date Time Collected : 6/5/2013 1:24:41 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Chloride	4.97	0.15	32925	4434
2	Sulfate	13.78	0.25	33756	1723



HP
08/05/13

Sample Analysis Report

Sample Name : 130650-63256 dup

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_010.DXD

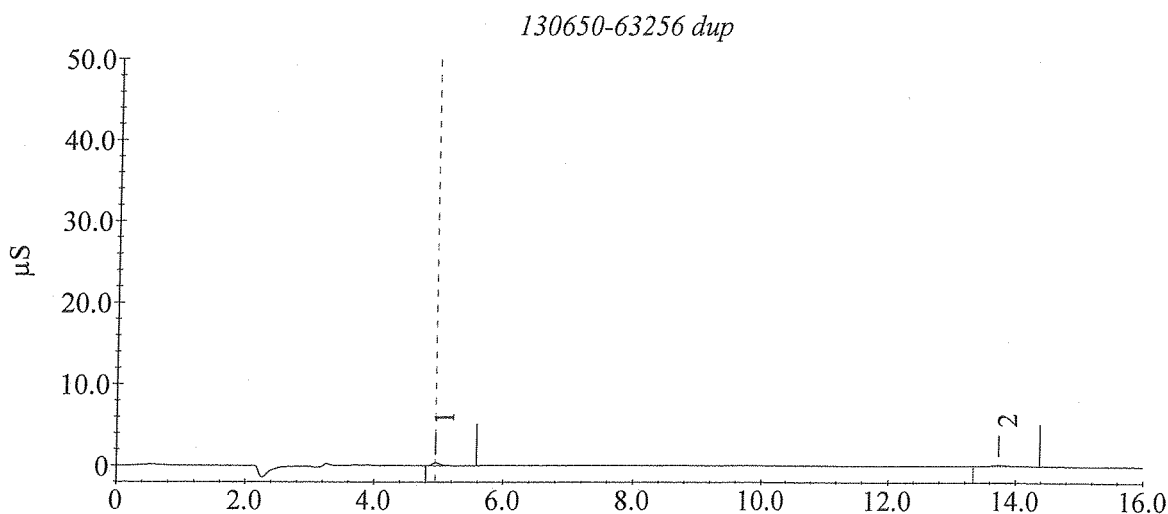
Method File Name : c:\peaknet\method\2013\anions-042513.met

Date Time Collected : 6/5/2013 1:40:58 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Chloride	4.95	0.14	30387	3479
2	Sulfate	13.73	0.24	32664	1541



HP
06/05/13

Sample Analysis Report

Sample Name : 130650-63221

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONSIA_011.DXD

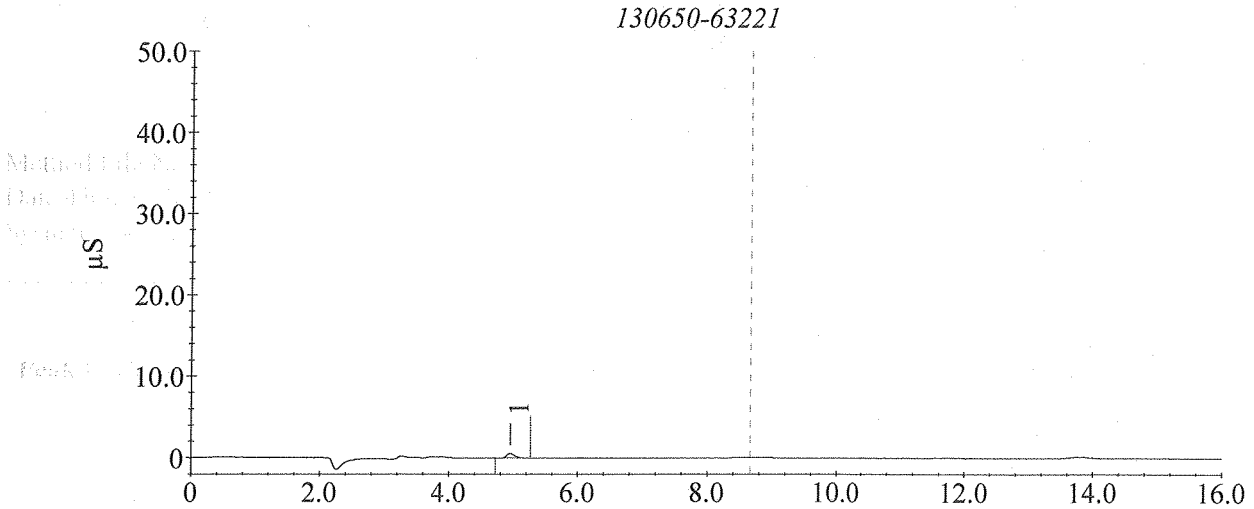
Method File Name : c:\peaknet\method\2013\anions-042513.met

Date Time Collected : 6/5/2013 1:57:15 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Chloride	4.95	0.22	46363	5488



Sample Analysis Report

Sample Name : DI Water Blank

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_012.DXD

Method File Name : c:\peaknet\method\2013\anions-042513.met

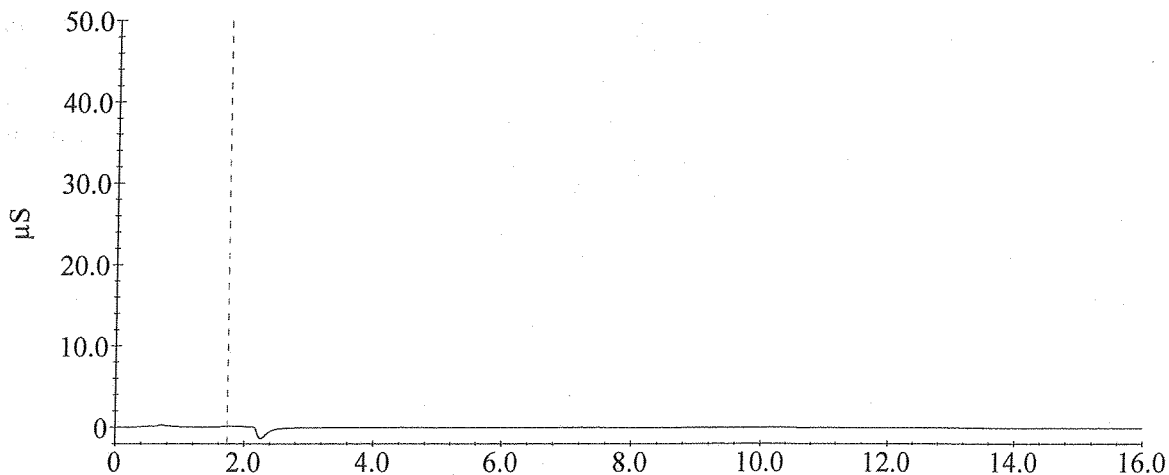
Date Time Collected : 6/5/2013 2:13:33 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
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DI Water Blank



HP
06/05/13

Sample Analysis Report

Sample Name : CCV 25ug/mL SS0746x4

Data File Name : C:\PEAKNET\DATA\2013\060513ANION\SA_013.DXD

Method File Name : c:\peaknet\method\2013\anions-042513.met

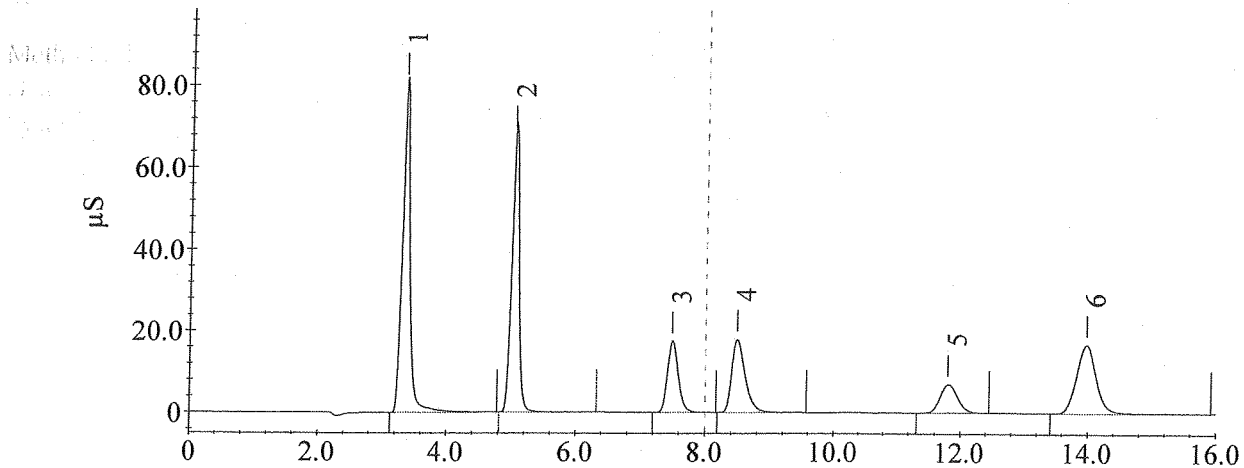
Date Time Collected : 6/5/2013 2:29:50 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Fluoride	3.33	24.25	6820124	806207
2	Chloride	5.03	24.45	5568783	676346
3	Bromide	7.48	24.28	2052065	173883
4	Nitrate	8.48	24.44	2611058	178249
5	Phosphate	11.80	24.42	1311332	68906
6	Sulfate	13.97	24.67	3549638	167225

CCV 25ug/mL SS0746x4



EG
06/05/13

Sample Analysis Report

Sample Name : 130650-63230

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_014.DXD

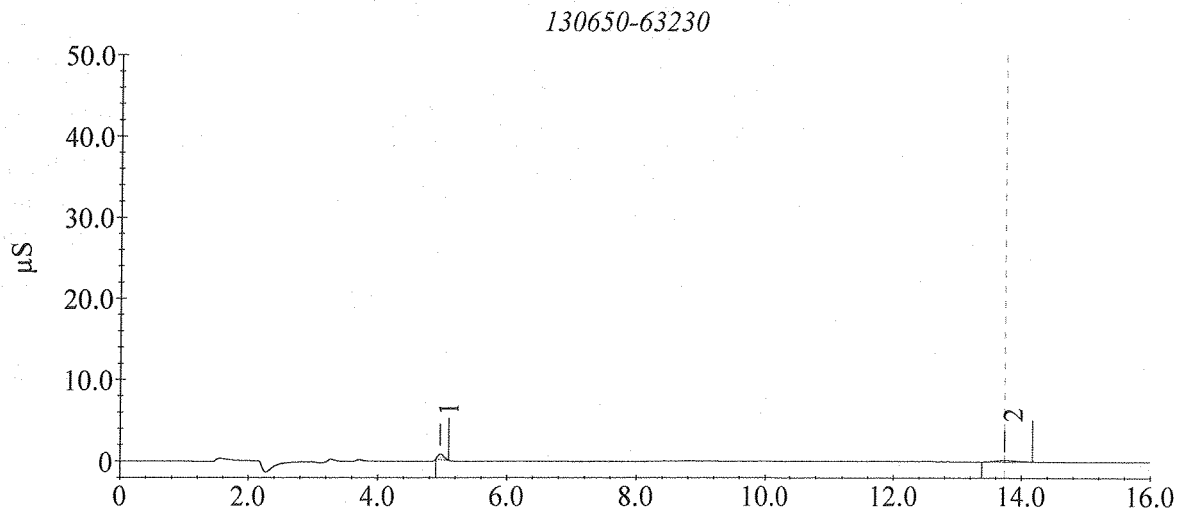
Method File Name : c:\peaknet\method\2013\anions-042513.met

Date Time Collected : 6/5/2013 2:46:08 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Chloride	4.97	0.21	44971	6813
2	Sulfate	13.73	0.28	37077	1853



Sample Analysis Report

Sample Name : 130650-63230 dup

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_015.DXD

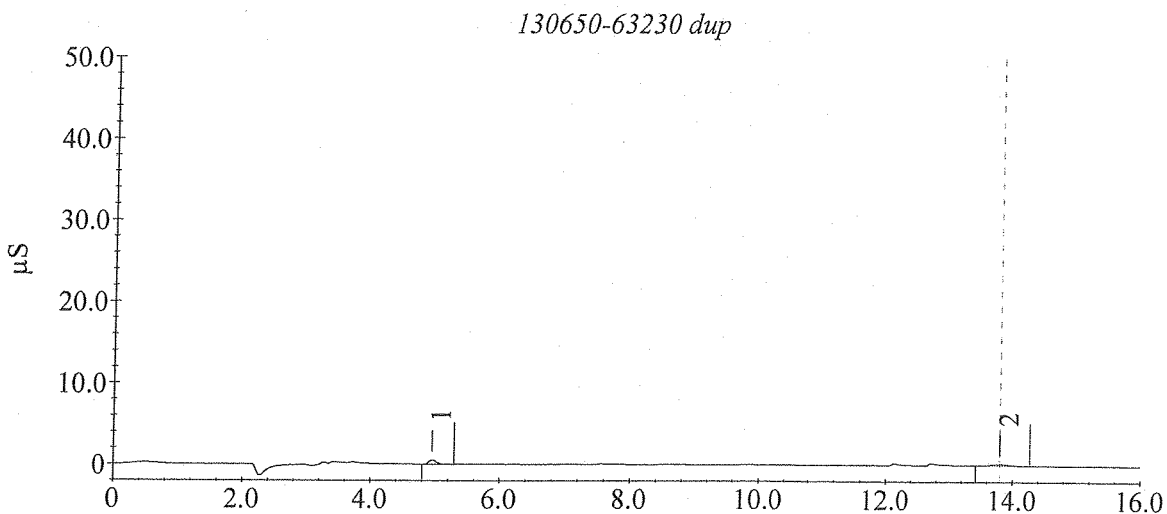
Method File Name : c:\peaknet\method\2013\anions-042513.met

Date Time Collected : 6/5/2013 3:02:25 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Chloride	4.95	0.21	44629	5291
2	Sulfate	13.80	0.27	36139	1702



MP
06/07/13

Sample Analysis Report

Sample Name : 130650-63239

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_016.DXD

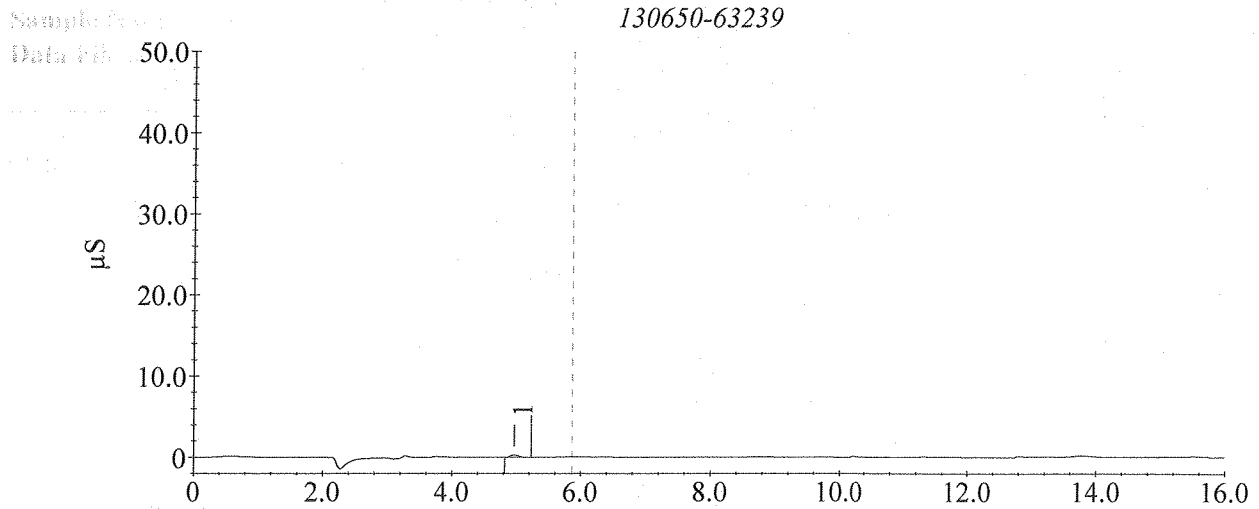
Method File Name : c:\peaknet\method\2013\anions-042513.met

Date Time Collected : 6/5/2013 3:18:43 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Chloride	4.97	0.12	24564	2950



HP
06/07/13

Sample Analysis Report

Sample Name : 130650-63248

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_017.DXD

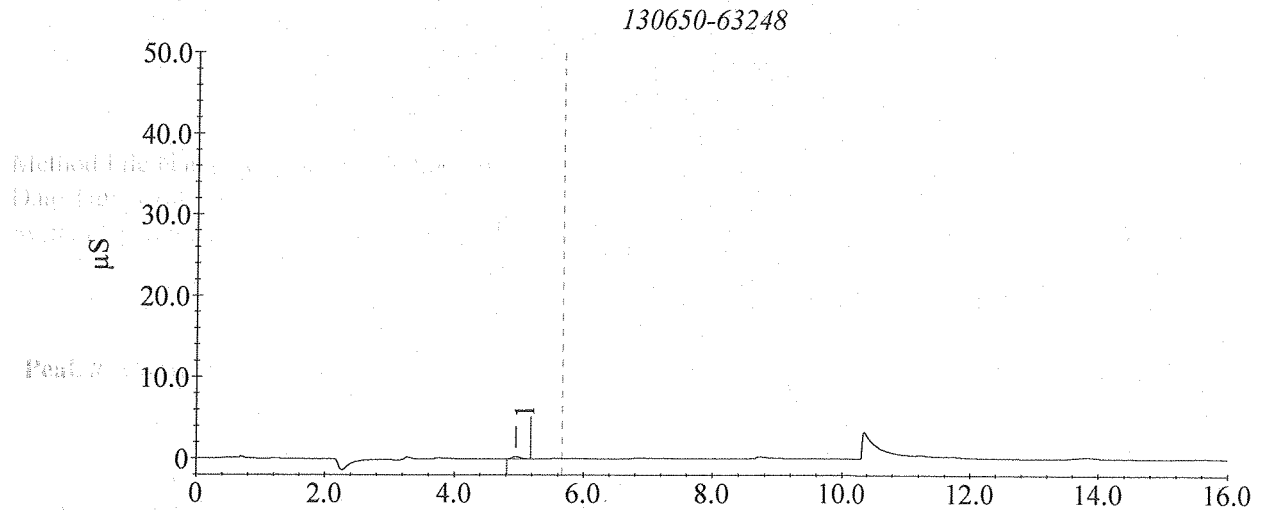
Method File Name : c:\peaknet\method\2013\anions-042513.met

Date Time Collected : 6/5/2013 3:35:00 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Chloride	4.95	0.12	25890	3218



HP
06/07/13

Sample Analysis Report

Sample Name : 130650-63203

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_018.DXD

Method File Name : c:\peaknet\method\2013\anions-042513.met

Date Time Collected : 6/5/2013 3:51:17 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Chloride	4.95	0.19	39834	4657

Sample Name : 130650-63203

Data File : A_018.DXD

Method File : c:\peaknet\method\2013\anions-042513.met

Date Time : 6/5/2013 3:51:17 PM

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4.0

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8.0

10.0

12.0

14.0

16.0

130650-63203



Sample Analysis Report

Sample Name : 130650-63212

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_019.DXD

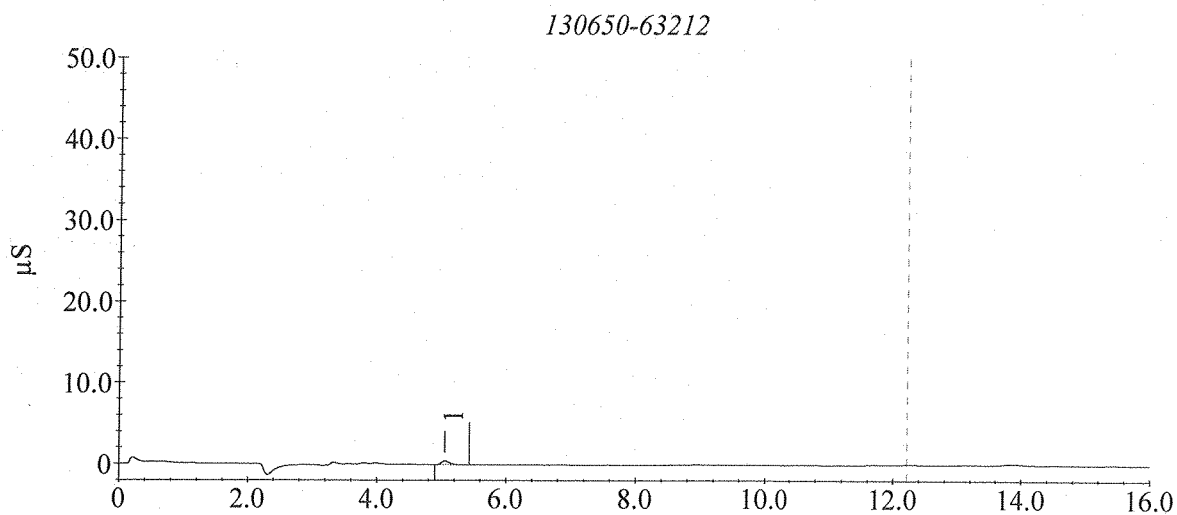
Method File Name : c:\peaknet\method\2013\anions-042513.met

Date Time Collected : 6/5/2013 4:07:35 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Chloride	5.05	0.18	38922	4545



HP
06/07/13

Sample Analysis Report

Sample Name : DI Water Blank

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_022.DXD

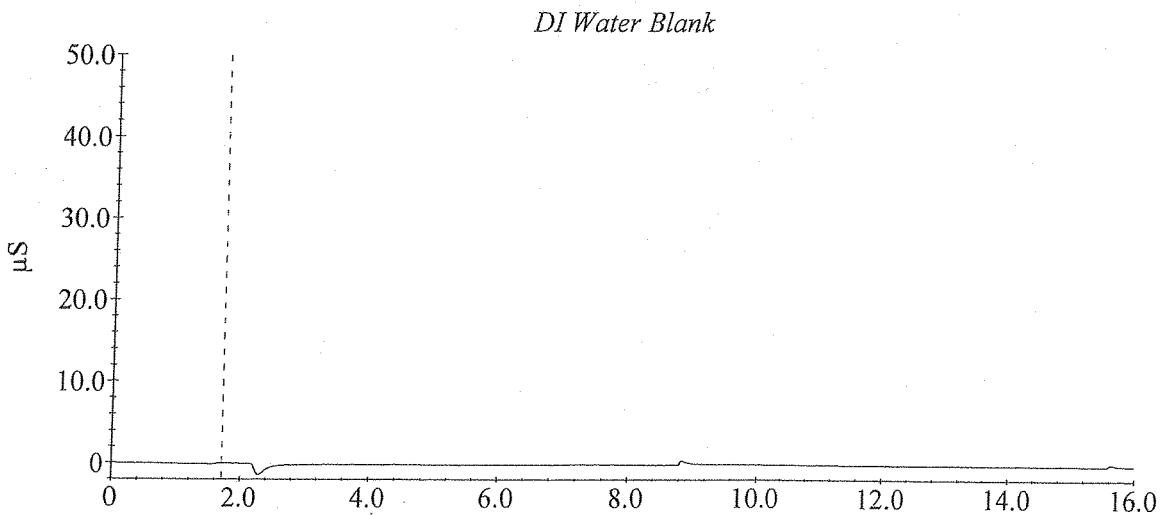
Method File Name : c:\peaknet\method\2013\anions-042513.met

Date Time Collected : 6/5/2013 4:56:27 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
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HP
06/07/13

Sample Analysis Report

Sample Name : CCV 25ug/mL SS0746x4

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_023.DXD

Method File Name : c:\peaknet\method\2013\anions-042513.met

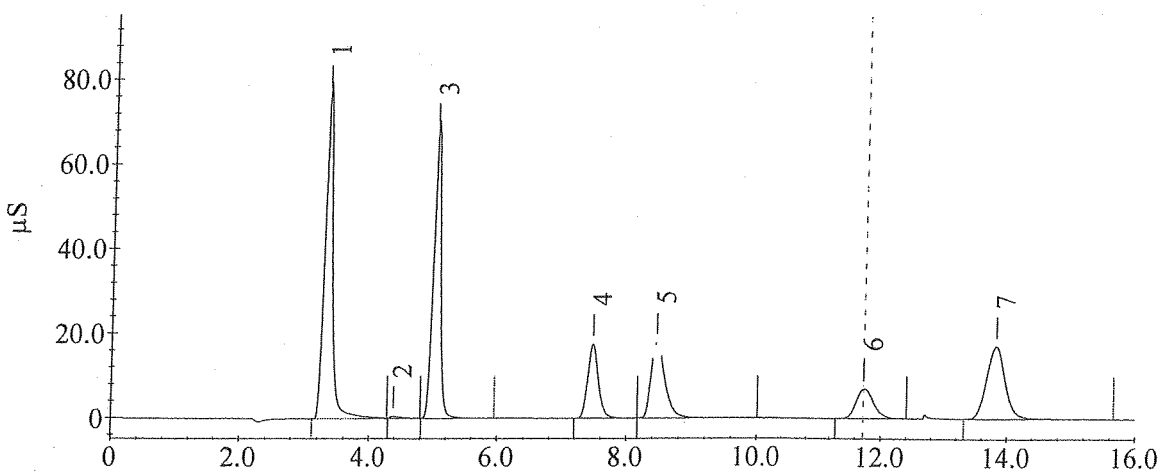
Date Time Collected : 6/5/2013 5:12:44 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Fluoride	3.32	23.68	6666811	763503
2	Unknown 1	4.38	0.00	76150	5274
3	Chloride	5.02	24.29	5530541	672118
4	Bromide	7.47	24.33	2056779	174525
5	Nitrate	8.45	24.59	2628309	177668
6	Phosphate	11.73	24.39	1309513	69253
7	Sulfate	13.82	24.36	3501540	171137

CCV 25ug/mL SS0746x4



HP
06/07/13

Sample Analysis Report

Sample Name : 130650-63258

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_024.DXD

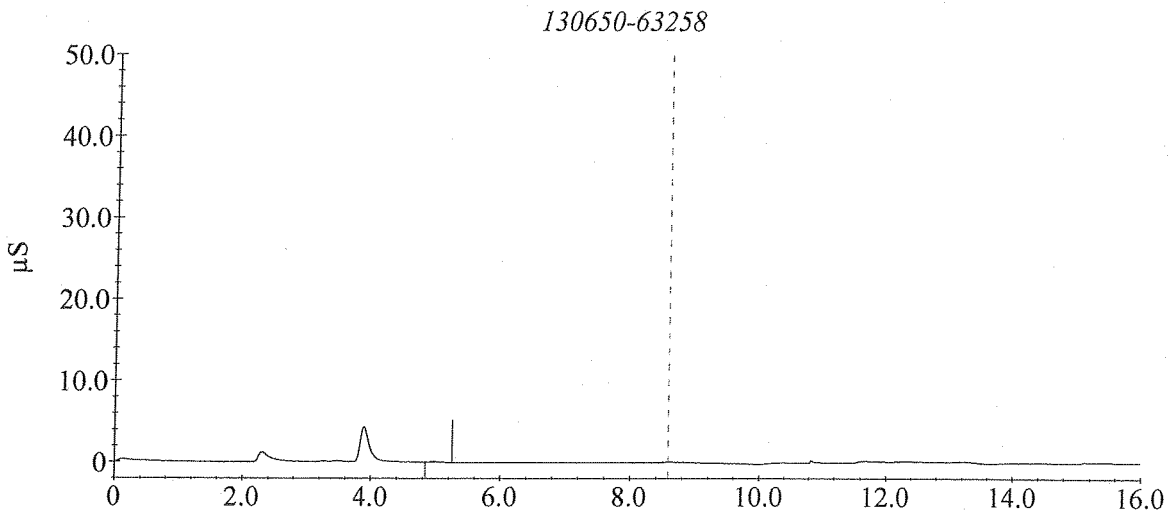
Method File Name : c:\peaknet\method\2013\anions-042513.met

Date Time Collected : 6/5/2013 5:29:02 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Chloride	4.97	0.04	8732	1040



HP
06/07/13

Sample Analysis Report

Sample Name : 130650-63258 dup

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_025.DXD

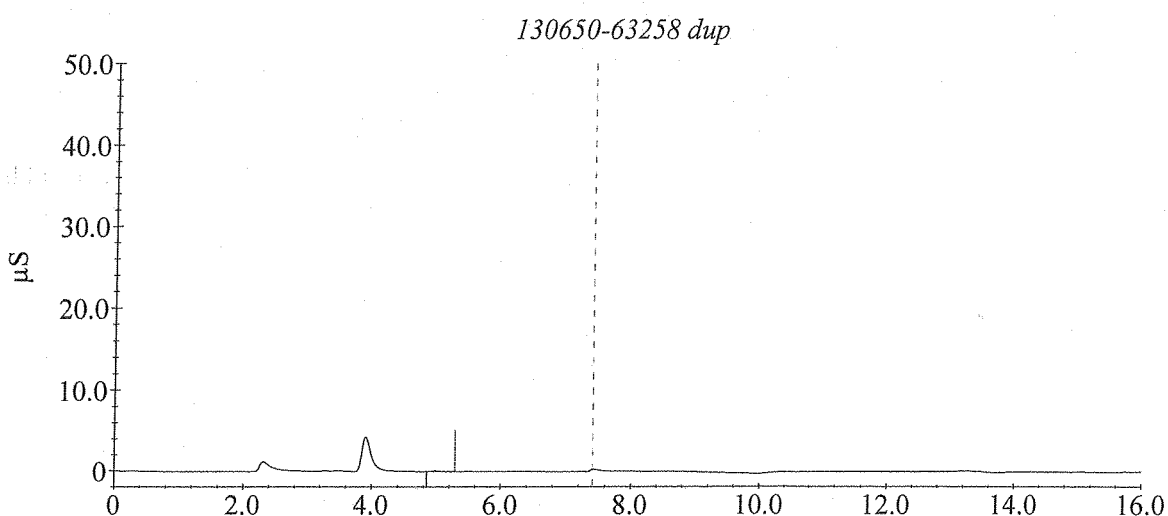
Method File Name : c:\peaknet\method\2013\anions-042513.met

Date Time Collected : 6/5/2013 5:45:19 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Chloride	4.98	0.05	10518	1142



Sample Analysis Report

Sample Name : DI Water Blank

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_032.DXD

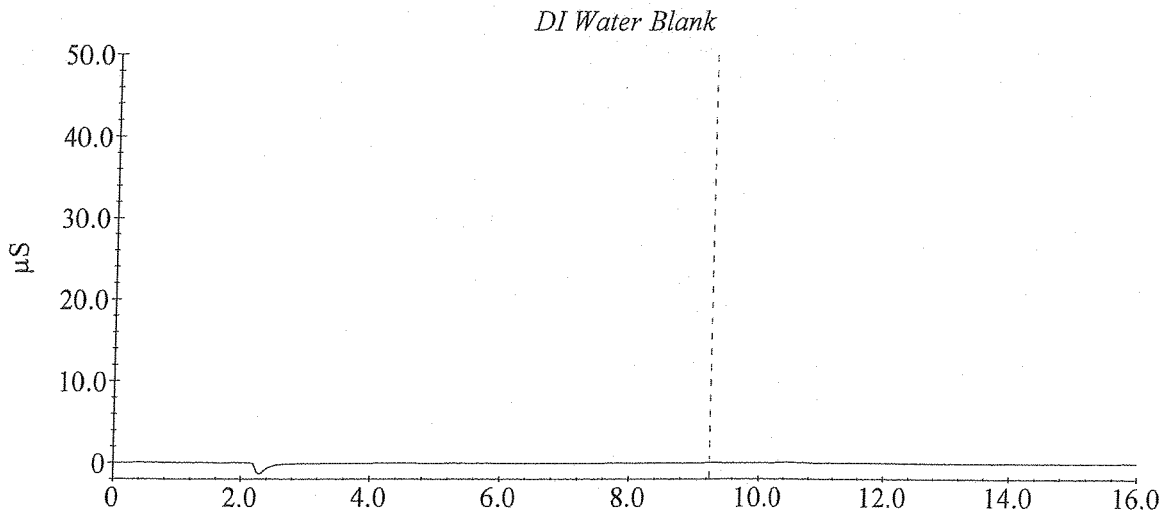
Method File Name : c:\peaknet\method\2013\anions-042513.met

Date Time Collected : 6/5/2013 7:39:18 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
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Sample Analysis Report

Sample Name : CCV 25ug/mL SS0746x4

Data File Name : C:\PEAKNET\DATA\2013\060513ANIONS\A_033.DXD

Method File Name : c:\peaknet\method\2013\anions-042513.met

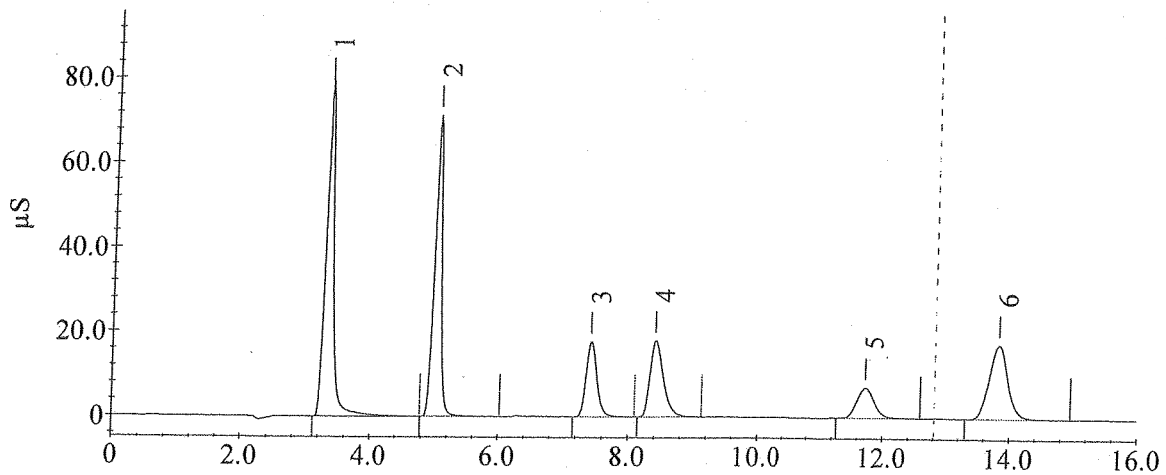
Date Time Collected : 6/5/2013 7:55:35 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Fluoride	3.32	23.89	6721627	776429
2	Chloride	5.02	24.44	5565874	711979
3	Bromide	7.42	24.30	2053518	176576
4	Nitrate	8.40	24.47	2614888	179427
5	Phosphate	11.72	24.71	1327983	70980
6	Sulfate	13.82	24.40	3507897	174324

CCV 25ug/mL SS0746x4



Line	Sample	Sample Type	Level	Method	Data File	Dilution
1	DI Water Blank	Sample		anions-042513.met	a	1
2	CCV 25ug/mL SS0746x4	Sample		anions-042513.met	a	1
3	SS 25ug/ml SS0664x4	Sample		anions-042513.met	a	1
4	Method Blank	Sample		anions-042513.met	a	1
5	LCS 12.5ug/ml SS0746x8	Sample		anions-042513.met	a	1
6	LCSD 12.5ug/ml SS0746x8	Sample		anions-042513.met	a	1
7	MS 12.5 ug/ml (130650-63256)	Sample		anions-042513.met	a	1
8	MSD 12.5 ug/ml (130650-63256)	Sample		anions-042513.met	a	1
9	130650-63256	Sample		anions-042513.met	a	1
10	130650-63256 dup	Sample		anions-042513.met	a	1
11	130650-63221	Sample		anions-042513.met	a	1
12	DI Water Blank	Sample		anions-042513.met	a	1
13	CCV 25ug/mL SS0746x4	Sample		anions-042513.met	a	1
14	130650-63230	Sample		anions-042513.met	a	1
15	130650-63230 dup	Sample		anions-042513.met	a	1
16	130650-63239	Sample		anions-042513.met	a	1
17	130650-63248	Sample		anions-042513.met	a	1
18	130650-63203	Sample		anions-042513.met	a	1
19	130650-63212	Sample		anions-042513.met	a	1
20	MS 12.5 ug/ml (130650-63258)	Sample		anions-042513.met	a	1
21	MSD 12.5 ug/ml (130650-63258)	Sample		anions-042513.met	a	1
22	DI Water Blank	Sample		anions-042513.met	a	1
23	CCV 25ug/mL SS0746x4	Sample		anions-042513.met	a	1
24	130650-63258	Sample		anions-042513.met	a	1
25	130650-63258 dup	Sample		anions-042513.met	a	1
26	130650-63205	Sample		anions-042513.met	a	1
27	130650-63214	Sample		anions-042513.met	a	1
28	130650-63223	Sample		anions-042513.met	a	1
29	130650-63232	Sample		anions-042513.met	a	1
30	130650-63241	Sample		anions-042513.met	a	1
31	130650-63250	Sample		anions-042513.met	a	1
32	DI Water Blank	Sample		anions-042513.met	a	1
33	CCV 25ug/mL SS0746x4	Sample		anions-042513.met	a	1
34	End	Sample		stopgp40.met	a	1

Default Method Path: C:\PEAKNET\METHOD\2013

Default Data Path: C:\PEAKNET\DATA

Comment: