T.O # 060801-13

WETCHEM

010001

SOUTHWEST RESEARCH INSTITUTE
NUCLEAR PROJECT
CLIENT: Division 20
TASK ORDER: 060801-13
SRR: 29582
SDG: 284143
CASE: B. Werling
VTSR: August 01, 2006
PROJECT#: 06002.01.242

FINAL REPORT

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010002

Sample ID
22CW2-12A

Lab Name: Southwest Research Institute

Lab Code: SwRI

Matrix: Water

Lab System ID: 284143

Client: Division 20

Date Received: 08/01/06

Project No.: 06002.01.242

SRR: 29582

Task Order: 060801-13

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	1.75	0.1
Fluoride	0.374	0.1
Nitrate-N	0.541	0.1
Nitrite-N	<0.1	0.1
Phosphate-P	<0.1	0.1
Sulfate	7.07	0.1

This report may not be reproduced except in its entirety without the written approval of SwRI.

SOUTHWEST RESEARCH INSTITUTE

DUPLICATE SUMMARY

010003

Sample ID
22CW2-12A

Lab Name: Southwest Research Institute

Lab Code: SwRI

Matrix: Water

Lab System ID: 284143

Client: Division 20

Date Received: 08/01/06

Project No.: 06002.01.242

SRR: 295282

Task Order: 060801-13

Method: IC - EPA 300			
Analysis	Orig. Sample Result (mg/L)	Duplicate Result (mg/L)	RPD
Bromide	<0.1	<0.1	0.00%
Chloride	1.75	1.73	1.15%
Fluoride	0.374	0.382	2.12%
Nitrate-N	0.541	0.556	2.73%
Nitrite-N	<0.1	<0.1	0.00%
Phosphate-P	<0.1	<0.1	0.00%
Sulfate	7.07	7.03	0.57%

This report may not be reproduced except in its entirety without the written approval of SwRI.

SOUTHWEST RESEARCH INSTITUTE

MATRIX SPIKE SUMMARY

010004

Sample ID
22CW2-12A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 08/01/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 284143

SRR: 29582

Task Order: 060801-13

Method: IC - EPA 300				
Analysis	Orig. Sample Result (mg/L)	Spike Result (mg/L)	Spike Added (mg/L)	Recovery
Bromide	<0.1	4.14	4.00	104%
Chloride	1.75	3.76	2.00	101%
Fluoride	0.374	1.26	1.00	88.6%
Nitrate-N	0.541	1.42	0.904	97.2%
Nitrite-N	<0.1	1.05	1.09	96.3%
Phosphate-P	<0.1	2.02	1.96	103%
Sulfate	7.07	11.2	4.00	103%

This report may not be reproduced except in its entirety without the written approval of SwRI.

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010005

Sample ID
22CW2-1A

Lab Name: Southwest Research Institute

Lab Code: SwRI

Matrix: Water

Lab System ID: 284144

Client: Division 20

Date Received: 08/01/06

Project No.: 06002.01.242

SRR: 29582

Task Order: 060801-13

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	1.71	0.1
Fluoride	0.412	0.1
Nitrate-N	10.2	0.1
Nitrite-N	<0.1	0.1
Phosphate-P	0.364	0.1
Sulfate	7.01	0.1

This report may not be reproduced except in its entirety without the written approval of SwRI.

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010006

Sample ID
22CW2-2A

Lab Name: Southwest Research Institute

Lab Code: SwRI

Matrix: Water

Lab System ID: 284145

Client: Division 20

Date Received: 08/01/06

Project No.: 06002.01.242

SRR: 29582

Task Order: 060801-13

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	1.71	0.1
Fluoride	0.389	0.1
Nitrate-N	9.94	0.1
Nitrite-N	<0.1	0.1
Phosphate-P	0.236	0.1
Sulfate	6.89	0.1

This report may not be reproduced except in its entirety without the written approval of SwRI.

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010007

Sample ID
22CW2-3A

Lab Name: Southwest Research Institute

Lab Code: SwRI

Matrix: Water

Lab System ID: 284146

Client: Division 20

Date Received: 08/01/06

Project No.: 06002.01.242

SRR: 29582

Task Order: 060801-13

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	1.67	0.1
Fluoride	0.374	0.1
Nitrate-N	9.47	0.1
Nitrite-N	<0.1	0.1
Phosphate-P	0.189	0.1
Sulfate	6.78	0.1

This report may not be reproduced except in its entirety without the written approval of SwRI.

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010008

Sample ID
22CW2-4A

Lab Name: Southwest Research Institute

Lab Code: SwRI

Matrix: Water

Lab System ID: 284147

Client: Division 20

Date Received: 08/01/06

Project No.: 06002.01.242

SRR: 29582

Task Order: 060801-13

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	1.71	0.1
Fluoride	0.375	0.1
Nitrate-N	9.57	0.1
Nitrite-N	<0.1	0.1
Phosphate-P	0.162	0.1
Sulfate	6.92	0.1

This report may not be reproduced except in its entirety without the written approval of SwRI.

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010009

Sample ID
22CW2-5A

Lab Name: Southwest Research Institute

Lab Code: SwRI

Matrix: Water

Lab System ID: 284148

Client: Division 20

Date Received: 08/01/06

Project No.: 06002.01.242

SRR: 29582

Task Order: 060801-13

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	1.70	0.1
Fluoride	0.386	0.1
Nitrate-N	9.45	0.1
Nitrite-N	<0.1	0.1
Phosphate-P	0.175	0.1
Sulfate	6.94	0.1

This report may not be reproduced except in its entirety without the written approval of SwRI.

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010010

Sample ID
22CW2-6A

Lab Name: Southwest Research Institute

Lab Code: SwRI

Matrix: Water

Lab System ID: 284149

Client: Division 20

Date Received: 08/01/06

Project No.: 06002.01.242

SRR: 29582

Task Order: 060801-13

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	1.73	0.1
Fluoride	0.381	0.1
Nitrate-N	8.95	0.1
Nitrite-N	<0.1	0.1
Phosphate-P	0.123	0.1
Sulfate	6.88	0.1

This report may not be reproduced except in its entirety without the written approval of SwRI.

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010011

Sample ID
22CW2-7A

Lab Name: Southwest Research Institute

Lab Code: SwRI

Matrix: Water

Lab System ID: 284150

Client: Division 20

Date Received: 08/01/06

Project No.: 06002.01.242

SRR: 29582

Task Order: 060801-13

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	1.79	0.1
Fluoride	0.363	0.1
Nitrate-N	8.87	0.1
Nitrite-N	<0.1	0.1
Phosphate-P	0.105	0.1
Sulfate	7.13	0.1

This report may not be reproduced except in its entirety without the written approval of SwRI.

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010012

Sample ID
22CW2-8A

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 08/01/06

Matrix: Water

Project No.: 06002.01.242

Lab System ID: 284151

SRR: 29582

Task Order: 060801-13

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	1.71	0.1
Fluoride	0.362	0.1
Nitrate-N	7.67	0.1
Nitrite-N	<0.1	0.1
Phosphate-P	<0.1	0.1
Sulfate	6.85	0.1

This report may not be reproduced except in its entirety without the written approval of SwRI.

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010013

Sample ID
22CW2-9A

Lab Name: Southwest Research Institute

Lab Code: SwRI

Matrix: Water

Lab System ID: 284152

Client: Division 20

Date Received: 08/01/06

Project No.: 06002.01.242

SRR: 29582

Task Order: 060801-13

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	1.71	0.1
Fluoride	0.384	0.1
Nitrate-N	6.94	0.1
Nitrite-N	<0.1	0.1
Phosphate-P	<0.1	0.1
Sulfate	6.89	0.1

This report may not be reproduced except in its entirety without the written approval of SwRI.

SOUTHWEST RESEARCH INSTITUTE

LABORATORY CONTROL SAMPLE

010014

Sample ID
LCS

Lab Name: Southwest Research Institute

Lab Code: SwRI

Matrix: Water

Lab System ID: NA

Client: Division 20

Date Received: NA

Project No.: 06002.01.242

SRR: 29582

Task Order: 060801-13

Method: IC - EPA 300			
Analysis	Sample Result (mg/L)	True Value (mg/L)	Recovery
Bromide	414	400	104%
Chloride	205	200	103%
Fluoride	97.5	100	97.5%
Nitrate-N	89.6	90.4	99.1%
Nitrite-N	106	109	97.2%
Phosphate-P	198	196	101%
Sulfate	401	400	100%

NA- Not Applicable.

This report may not be reproduced except in its entirety without the written approval of SwRI.

SOUTHWEST RESEARCH INSTITUTE

BLANK SUMMARY

010015

Sample ID
PB

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Water

Project No.: 06002.01.242

Lab System ID: NA

SRR: 29582

Task Order: 060801-13

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	<0.1	0.1
Fluoride	<0.1	0.1
Nitrate-N	<0.1	0.1
Nitrite-N	<0.1	0.1
Phosphate-P	<0.1	0.1
Sulfate	<0.1	0.1

NA- Not Applicable.

This report may not be reproduced except in its entirety without the written approval of SwRI.

010016

SOUTHWEST RESEARCH INSTITUTE
NUCLEAR PROJECT
CLIENT: Division 20
TASK ORDER: 060801-13
SRR: 29582
SDG: 284143
CASE: B. Werling
VTSR: August 01, 2006
PROJECT#: 06002.01.242

Task Orders/01-QPP-015

Southwest Research Institute

Laboratory Task Order

TO #: 060801-13 Revision: 1

SDG: 284143
VTSR: 08/01/06
CASE: CNWRA

SRR #'s: 29582
Client(s): Div. 20

Project(s): 06002.01.242
Manager(s): DAMMANN, MIKE
To PM: 10/11/06
To QA: 10/11/06
To Client: 10/12/06

010017

Instructions

DIVISION 20 - CNWRA. 4-WEEK TAT. Using 27-day TAT for PM/preliminary, DRG/QAU; 28-day TAT hardcopy; subject to change.
FIFTY samples received on 08/01/06 for ANIONS by IC. Out of the FIFTY, 10 samples are located in this task order. Point of Contact is BRADLEY WERLING (x6565).
SEE also Task Order # 060801-11, 060801-12.
Send forms only to Werling.
SCAN ALL DATA/ARCHIVE.
REVISION 1, 10/10/06: Per email from Jo Ann Boyd, removed Work is 10 CFR 50 Appendix B, 10 CFR Part 21 requirements from task order and updated due dates. (dramirez)

Documents Related to this task order: 24770[COC 29582]

Deliverables --> Hard Copy: -YES- EDD: no PDF: no

Test: IC-SWRI
Section: WETCHEM

Holding: 28 days from CED

Anions by Ion Chromatography Cnt: 10

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
284143		1	Water	22CW2-12A	28 Jul 06	25 Aug 06
284144		1	Water	22CW2-1A	28 Jul 06	25 Aug 06
284145		1	Water	22CW2-2A	28 Jul 06	25 Aug 06
284146		1	Water	22CW2-3A	28 Jul 06	25 Aug 06
284147		1	Water	22CW2-4A	28 Jul 06	25 Aug 06
284148		1	Water	22CW2-5A	28 Jul 06	25 Aug 06
284149		1	Water	22CW2-6A	28 Jul 06	25 Aug 06
284150		1	Water	22CW2-7A	28 Jul 06	25 Aug 06
284151		1	Water	22CW2-8A	28 Jul 06	25 Aug 06
284152		1	Water	22CW2-9A	28 Jul 06	25 Aug 06

CONTROLLED COPY

01-QPP-015
Division 01
Revision 5
June 2004

010018

Document No._____

Division 01

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

010019

QUALITY PROJECT PLAN FOR PERFORMANCE OF CHEMICAL ANALYSES FOR COMMERCIAL NUCLEAR POWER PLANTS WITHIN THE DEPARTMENT OF ANALYTICAL AND ENVIONMENTAL 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 Quality Assurance Manager	(210) 522-2169	6/4/04 **DATE**
REZA KARIMI Director, Department of Analytical and Environmental Chemistry	(210) 522-2412	6/4/04 **DATE**
MICHAEL G. MACNAUGHTON Vice President, Chemistry and Chemical Engineering Division	(210) 522-5162	6/4/04 **DATE**
CHRISTOPHER HOBSON Quality Assurance Engineer	(210) 522-5838	6/4/2004 **DATE**

010020

TABLE OF CONTENTS

1.0 INTRODUCTION

2.0 SCOPE

3.0 REFERENCES

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

4.1 Indoctrination and Training
4.2 Qualification of Personnel
4.3 Design Control
4.4 Right of Access
4.5 Control of Supplier-Generated Documents
4.6 Acceptance of Services Only
4.7 Commercial Grade Items
4.8 Inspection
4.9 Inspection and Testing
4.10 Handling, Storage, Packaging, Preservation, and Delivery
4.11 Quality Assurance Records
4.12 10 CFR, Part 21
4.13 Certified Test Report
4.14 Valid Documents List

5.0 HISTORY OF REVISIONS

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 [illegible] activities as specified in **SOP-01-6.2.1**, *Qualification and Training*.

4.2.2 During the performance of each testing process, testing personnel [illegible] access to the necessary documented procedures, i.e., QPP, QAP, Task [illegible] Division Quality System Standard Operating Procedures (SOPs), and [illegible] test/analytical procedures (TAPs) available for ready reference.

4.2.3 Any person who has not performed testing activities associated with any [illegible] method being used for nuclear utilities projects for a period of one year [illegible] reevaluated prior to the conduct of the test.

4.2.4 Quality Assurance personnel witnessing the testing process for nuclear [illegible] shall have documented evidence of qualifications maintained by Institute [illegible] 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 then 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 or 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 chain of 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 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 and Institute Quality Assurance Manager 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.

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

010028

SOUTHWEST RESEARCH INSTITUTE
NUCLEAR PROJECT
CLIENT: Division 20
TASK ORDER: 060801-13
SRR: 29582
SDG: 284143
CASE: B. Werling
VTSR: August 01, 2006
PROJECT#: 06002.01.242

Chain of Custody/Login Paperwork

24770

SAMPLE LIST/CHAIN OF CUSTODY

Southwest Research Institute®
Chemistry and Chemical Engineering Division
6220 Culebra Road
San Antonio, Texas 78238-5166

Requested Turnaround:
- ☐ 2 Weeks
- ☐ 3 Weeks
- X Other: 4 WKS

Shipper Name/Address: Bradley Werling B-57

Client: Div 20

Client Purchase Order/Other ID:

Site/Zone ID:

SwRI Contact: Mike Dammann

Analyses Requested

Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers	ANIONS BY IC										REMARKS
✓ 19C2-9A	7/28/06		W		1	✓										
✓ 19C2-10A						✓										PQP-15 APPLIES
✓ 19C2-11A						✓										
✓ 19C2-12A						✓										
✓ 19C2-13A						✓										
22CW2-1A	✓					✓										
22CW2-2A	✓					✓										
22CW2-3A	✓					✓										POC - B. WERLING
22CW2-4A	✓					✓										6565
22CW2-5A	✓					✓										

EXACT COPY ORIGINAL LOCATED:
T.O.s - 060801-11, 12

Preservation
- **a** = HCl to pH <2
- **b** = HNO_3 to pH <2
- **c** = H_2SO_4 to pH <2
- **d** = NaOH to pH >12
- **e** = Cool (4°C±2°C)
- **f** = Other (specify) NONE

Matrix Types:
- **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

Sample Types:
- **D** - Duplicate
- **ER** – Equipment Rinsate
- **ES** – Environmental Sample
- **FB** – Field Blank
- **FD** – Field Duplicate
- **MS** – Matrix Spike
- **MSD** – Matrix Spike Dup
- **TB** – Trip Blank

Temp: 22.0°C

Therm #: 027

Comments: RADIOACTIVE
N_p 237 @ 8.5×10^{-7} M or 1.4×10^{-4} µCi/mL
SN 811/34

Relinquished by (Print/Signature)	Date	Time
Sandra Watson / Sandra Watson	8/1/06	0920
Received by (Print/Signature)	Date	Time
Relinquished by (Print/Signature)	Date	Time
Received by (Print/Signature)	Date	Time
Relinquished by (Print/Signature)	Date	Time

SwRI Project#: 20.06002.01.242

Received by SwRI Lab: (Signature)

Date: 8/1/06 Time: 0920

Samples Disposed: Date: Time:

Samples Disposed by:

010029

SWL # 29582

24770

SAMPLE LIST/CHAIN OF CUSTODY

Southwest Research Institute®
Chemistry and Chemical Engineering Division
6220 Culebra Road
San Antonio, Texas 78238-5166

Shipper Name/Address: Bradley Werling B-57

Client: Div. 2C

Client Purchase Order/Other ID:

Site/Zone ID:

Requested Turnaround:
- ☐ 2 Weeks
- ☐ 3 Weeks
- ☒ Other: 4 wks

SwRI Contact: Mike Dammann

Analyses Requested

Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers	Anions by IC
✓ 22CW2-6A	7/28/06		W		1	✓
✓ 22CW2-7A						✓
✓ 22CW2-8A						✓
✓ 22CW2-9A						✓
22CW2-10A ✓						✓
22CW2-11A ✓						✓
✓ 22CW2-12A						✓
22C2-1A ✓						✓
22C2-2A ✓						✓
22C2-3A ✓						✓

EXACT COPY ORIGINAL LOCATED:
T-05-060801-11,12

REMARKS
Preservation
- a = HCl to pH <2
- b = HNO_3 to pH <2
- c = H_2SO_4 to pH <2
- d = NaOH to pH >12
- e = Cool (4°C±2°C)
- f = Other (specify) NONE

PQP-15 APPLIES

POC - B WERLING 6565

Matrix Types:
- 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

Sample Types:
- D - Duplicate
- ER – Equipment Rinsate
- ES – Environmental Sample
- FB – Field Blank
- FD – Field Duplicate
- MS – Matrix Spike
- MSD – Matrix Spike Dup
- TB – Trip Blank

Temp: 22.0°C

Therm #: 027

Comments: RADIOACTIVE
Np 237 @ 8.5×10^{-7} M or 1.4×10^{-4} µCi/mL
SN 811/34

Relinquished by (Print/Signature)	Date	Time
Sandra Watson / Sandra Watson	8/1/06	0920
Received by (Print/Signature)	Date	Time
Relinquished by (Print/Signature)	Date	Time
Received by (Print/Signature)	Date	Time
Relinquished by (Print/Signature)	Date	Time

SwRI Project#: 20.06002.01.242

Received by SwRI Lab: (Signature)

Date: 8/1/06 Time: 0920

Samples Disposed: Date: Time:

Samples Disposed by:

SwRI # 242 29582 8/1/06

Div 01 COC Form 01-01-001, Rev 8/02

010031

SAMPLE LOG-IN SHEET

EXACT COPY ORIGINAL LOCATED.

Lab Name: Southwest Research Institute	Page 2 of 3
Received By (Print Name): DINO ROMAN	Log-in Date: 08/01/2006
Received By (Signature):	
Case Number: B. Werling	Sample Delivery Group No.:
SAS Number: N/A	

Remarks: 06002.01.242

1.	Custody Seal(s)	Present/Absent* Intact/Broken
2.	Custody Seal Nos.	N/A
3.	Chain-of Custody Records	Present/Absent*
4.	Traffic Reports or Packing Lists	Present/Absent*
5.	Airbill	Airbill/Sticker Present/Absent*
6.	Airbill No.	HAND DELIVERED
7.	Sample Tags	Present/Absent*
	Sample Tag Numbers	Listed/Not listed on Chain of Custody
8.	Sample Condition	Intact/Broken*/ Leaking
9.	Cooler Temperature	22.0C
10.	Does Information on custody records, traffic reports, and sample tags agree?	Yes/No*
11.	Date Received at Lab	08/01/2006
12.	Time Received	09:20:00

EPA Sample #	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc	
19CW2-8A	None	284126	Intact	✓
19CW2-9A	None	284127	Intact	✓
22C2-10A	None	284128	Intact	✓
22C2-11A	None	284129	Intact	✓
22C2-12A	None	284130	Intact	✓
22C2-13A	None	284131	Intact	✓
22C2-1A	None	284132	Intact	✓
22C2-2A	None	284133	Intact	✓
22C2-3A	None	284134	Intact	✓
22C2-4A	None	284135	Intact	✓
22C2-5A	None	284136	Intact	✓
22C2-6A	None	284137	Intact	✓
22C2-7A	None	284138	Intact	✓
22C2-8A	None	284139	Intact	✓
22C2-9A	None	284140	Intact	✓
22CW2-10A	None	284141	Intact	✓
22CW2-11A	None	284142	Intact	✓
22CW2-12A	None	284143	Intact	✓
22CW2-1A	None	284144	Intact	✓
22CW2-2A	None	284145	Intact	✓
22CW2-3A	None	284146	Intact	✓
22CW2-4A	None	284147	Intact	✓
22CW2-5A	None	284148	Intact	✓

Sample Transfer

Fraction: RAD	Fraction:
Area #: R12	Area #:
By: DINO ROMAN	By:
On: 08/01/2006	On:

* Contact SMO and attach record of resolution

Reviewed By:	Logbook No.: Sample Receipt (29582)
Date:	Logbook Page No.: 5881 SEC 3, 4, 5 of 7

FORM DC-1

OLMO4.2

SAMPLE LOG-IN SHEET

010032

Lab Name: Southwest Research Institute	Page 3 of 3
Received By (Print Name): DINO ROMAN	Log-in Date: 08/01/2006
Received By (Signature):	
Case Number: B. Werling	Sample Delivery Group No. / SAS Number: N/A

Remarks: 06002.01.242

1.	Custody Seal(s)	Present/Absent* Intact/Broken
2.	Custody Seal Nos.	N/A
3.	Chain-of Custody Records	Present/Absent*
4.	Traffic Reports or Packing Lists	Present/Absent
5.	Airbill	Airbill/Sticker Present/Absent*
6.	Airbill No.	HAND DELIVERED
7.	Sample Tags	Present/Absent
	Sample Tag Numbers	Listed/Not listed on Chain of Custody
8.	Sample Condition	Intact/Broken*/Leaking
9.	Cooler Temperature	22.0C
10.	Does Information on custody records, traffic reports, and sample tags agree?	Yes/No*
11.	Date Received at Lab	08/01/2006
12.	Time Received	09:20:00

EPA Sample #	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc
22CW2-6A	None	284149	Intact
22CW2-7A	None	284150	Intact
22CW2-8A	None	284151	Intact
22CW2-9A	None	284152	Intact

Sample Transfer

Fraction: RAD	Fraction
Area #: R12	Area #
By: DINO ROMAN	By
On: 08/01/2006	On

* Contact SMO and attach record of resolution

Reviewed By:	Logbook No.: Sample Receipt (29582)
Date: 08.06.06	Logbook Page No.: 5881 SEC 3,4,5 of 7

FORM DC-1

OLMO4.2

010033

SOUTHWEST RESEARCH INSTITUTE
NUCLEAR PROJECT
CLIENT: Division 20
TASK ORDER: 060801-13
SRR: 29582
SDG: 284143
CASE: B. Werling
VTSR: August 01, 2006
PROJECT#: 06002.01.242

Copies of Login Book

Sample Login Book

Aug 01, 2006

SwRI Login Area
Division 1

Sample Receipt: 29579 | Project: 12434.04.00X | Client: Paducah Remediat
VTSR Date: Aug 01, 2006 | VTSR Time: 08:15:00 | Manager: DAMMANN, MIKE

System ID	Customer Sample ID	Matrix
284091	D4EMP06-RF	Tissue
284092	D5EMP06-AF	Tissue
284093	D5EMP06-L	Tissue
284094	D5EMP06-RF	Tissue
284095	DDUPEMP06-AF	Tissue
284096	DDUPEMP06-L	Tissue
284097	DEMP06-RI1	Water
284098	DEMP06-RI2	Water
284099	DEMP06-RI3	Water

Sample Receipt: 29580 | Project: 12248.01.00X | Client: Exponent, Inc.
VTSR Date: Aug 01, 2006 | VTSR Time: 09:30:00 | Manager: SCHATTENBERG, HERB

System ID	Customer Sample ID	Matrix
284100	DHRH3-03	Oil

Sample Receipt: 29581 | Project: 11789.02.00X | Client: Columbia Univers
VTSR Date: Aug 01, 2006 | VTSR Time: 09:30:00 | Manager: CAMANN, DAVID

System ID	Customer Sample ID	Matrix
284101	M11272	PUF
284102	M11283	PUF

Sample Receipt: 29582 | Project: 06002.01.242 | Client: Div. 20
VTSR Date: Aug 01, 2006 | VTSR Time: 09:20:00 | Manager: DAMMANN, MIKE

System ID	Customer Sample ID	Matrix
284103	19C2-10A	Water
284104	19C2-11A	Water
284105	19C2-12A	Water

Sample Login Book

Aug 01, 2006

SwRI Login Area
Division 1

Sample Receipt: 29582	Project: 06002.01.242	Client: Div. 20
VTSR Date: Aug 01, 2006	VTSR Time: 09:20:00	Manager: DAMMANN, MIKE

System ID	Customer Sample ID	Matrix
284106	19C2-13A	Water
284107	19C2-1A	Water
284108	19C2-2A	Water
284109	19C2-3A	Water
284110	19C2-4A	Water
284111	19C2-5A	Water
284112	19C2-6A	Water
284113	19C2-7A	Water
284114	19C2-8A	Water
284115	19C2-9A	Water
284116	19CW2-10A	Water
284117	19CW2-11A	Water
284118	19CW2-12A	Water
284119	19CW2-1A	Water
284120	19CW2-2A	Water
284121	19CW2-3A	Water
284122	19CW2-4A	Water
284123	19CW2-5A	Water
284124	19CW2-6A	Water
284125	19CW2-7A	Water
284126	19CW2-8A	Water
284127	19CW2-9A	Water
284128	22C2-10A	Water
284129	22C2-11A	Water
284130	22C2-12A	Water
284131	22C2-13A	Water
284132	22C2-1A	Water
284133	22C2-2A	Water
284134	22C2-3A	Water
284135	22C2-4A	Water
284136	22C2-5A	Water
284137	22C2-6A	Water
284138	22C2-7A	Water

Sample Login Book

Aug 01, 2006

010036

SwRI Login Area
Division 1

Sample Receipt: 29582 | Project: 06002.01.242 | Client: Div. 20
VTSR Date: Aug 01, 2006 | VTSR Time: 09:20:00 | Manager: DAMMANN, MIKE

System ID	Customer Sample ID	Matrix
284139	22C2-8A	Water
284140	22C2-9A	Water
284141	22CW2-10A	Water
284142	22CW2-11A	Water
284143	22CW2-12A	Water
284144	22CW2-1A	Water
284145	22CW2-2A	Water
284146	22CW2-3A	Water
284147	22CW2-4A	Water
284148	22CW2-5A	Water
284149	22CW2-6A	Water
284150	22CW2-7A	Water
284151	22CW2-8A	Water
284152	22CW2-9A	Water

Sample Receipt: 29583 | Project: 06002.01.242 | Client: Div. 20
VTSR Date: Aug 01, 2006 | VTSR Time: 09:20:00 | Manager: DAMMANN, MIKE

System ID	Customer Sample ID	Matrix
284153	19C2-10C	Water
284154	19C2-11C	Water
284155	19C2-12C	Water
284156	19C2-13C	Water
284157	19C2-1C	Water
284158	19C2-2C	Water
284159	19C2-3C	Water
284160	19C2-4C	Water
284161	19C2-5C	Water
284162	19C2-6C	Water
284163	19C2-7C	Water
284164	19C2-8C	Water
284165	19C2-9C	Water

010037

SOUTHWEST RESEARCH INSTITUTE
NUCLEAR PROJECT
CLIENT: Division 20
TASK ORDER: 060801-13
SRR: 29582
SDG: 284143
CASE: B. Werling
VTSR: August 01, 2006
PROJECT#: 06002.01.242

RAW DATA

DIV 20 242 10/09/06 Warren A. Nagel 10/09/06
06002.01 ~~222~~
TO# 060801-11,12,13

Analyst: RSS RSS
Method: 300
Sig Fig: 3

010038

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
08/28/06	284103	Fluoride	0.385	0.385		0.1		
08/28/06	284103	Chloride	1.765	1.77		0.1		
08/28/06	284103	Nitrite-N	0.094	0.1	U	0.1		
08/28/06	284103	Bromide	0.000	0.1	U	0.1		
08/28/06	284103	Nitrate-N	4.640	4.64		0.1		
08/28/06	284103	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284103	Sulfate	6.750	6.75		0.1		
08/28/06	284103D	Fluoride	0.390	0.390		0.1		1.29%
08/28/06	284103D	Chloride	1.759	1.76		0.1		0.57%
08/28/06	284103D	Nitrite-N	0.093	0.1	U	0.1		0.00%
08/28/06	284103D	Bromide	0.000	0.1	U	0.1		0.00%
08/28/06	284103D	Nitrate-N	4.615	4.62		0.1		0.43%
08/28/06	284103D	Phosphate-P	0.000	0.1	U	0.1		0.00%
08/28/06	284103D	Sulfate	6.817	6.82		0.1		1.03%
08/28/06	284103S	Fluoride	1.290	1.29		0.1	1	90.5%
08/28/06	284103S	Chloride	3.706	3.71		0.1	2	97.0%
08/28/06	284103S	Nitrite-N	1.038	1.04		0.1	1.09	95.4%
08/28/06	284103S	Bromide	3.981	3.98		0.1	4	99.5%
08/28/06	284103S	Nitrate-N	5.464	5.46		0.1	0.904	90.7%
08/28/06	284103S	Phosphate-P	1.844	1.84		0.1	1.96	93.9%
08/28/06	284103S	Sulfate	10.828	10.8		0.1	4	101%
08/28/06	284104	Fluoride	0.401	0.401		0.1		
08/28/06	284104	Chloride	1.690	1.69		0.1		
08/28/06	284104	Nitrite-N	0.082	0.1	U	0.1		
08/28/06	284104	Bromide	0.000	0.1	U	0.1		
08/28/06	284104	Nitrate-N	0.682	0.682		0.1		
08/28/06	284104	Phosphate-P	0.045	0.1	U	0.1		
08/28/06	284104	Sulfate	6.863	6.86		0.1		
08/28/06	284105	Fluoride	0.380	0.380		0.1		
08/28/06	284105	Chloride	1.728	1.73		0.1		
08/28/06	284105	Nitrite-N	0.087	0.1	U	0.1		
08/28/06	284105	Bromide	0.000	0.1	U	0.1		
08/28/06	284105	Nitrate-N	0.297	0.297		0.1		
08/28/06	284105	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284105	Sulfate	6.671	6.67		0.1		
08/28/06	284106	Fluoride	1.833	1.83		0.1		
08/28/06	284106	Chloride	3.913	3.91		0.1		
08/28/06	284106	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284106	Bromide	8.062	8.06		0.1		
08/28/06	284106	Nitrate-N	1.698	1.70		0.1		
08/28/06	284106	Phosphate-P	3.842	3.84		0.1		
08/28/06	284106	Sulfate	8.047	8.05		0.1		
08/28/06	284107	Fluoride	0.350	0.350		0.1		
08/28/06	284107	Chloride	1.786	1.79		0.1		
08/28/06	284107	Nitrite-N	0.083	0.1	U	0.1		
08/28/06	284107	Bromide	0.000	0.1	U	0.1		
08/28/06	284107	Nitrate-N	9.627	9.63		0.1		
08/28/06	284107	Phosphate-P	0.067	0.1	U	0.1		
08/28/06	284107	Sulfate	6.789	6.79		0.1		
08/28/06	284108	Fluoride	0.362	0.362		0.1		
08/28/06	284108	Chloride	1.718	1.72		0.1		

U = Undetected

DIV 20
06002.01.~~222~~ 242 WRW 10/09/06
TO# 060801-11,12,13

Analyst: RSS
Method: 300
Sig Fig: 3

010039

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
08/28/06	284108	Nitrite-N	0.090	0.1	U	0.1		
08/28/06	284108	Bromide	0.000	0.1	U	0.1		
08/28/06	284108	Nitrate-N	9.361	9.36		0.1		
08/28/06	284108	Phosphate-P	0.059	0.1	U	0.1		
08/28/06	284108	Sulfate	6.814	6.81		0.1		
08/28/06	284109	Fluoride	0.371	0.371		0.1		
08/28/06	284109	Chloride	1.668	1.67		0.1		
08/28/06	284109	Nitrite-N	0.084	0.1	U	0.1		
08/28/06	284109	Bromide	0.000	0.1	U	0.1		
08/28/06	284109	Nitrate-N	9.109	9.11		0.1		
08/28/06	284109	Phosphate-P	0.080	0.1	U	0.1		
08/28/06	284109	Sulfate	6.810	6.81		0.1		
08/28/06	284110	Fluoride	0.390	0.390		0.1		
08/28/06	284110	Chloride	1.716	1.72		0.1		
08/28/06	284110	Nitrite-N	0.083	0.1	U	0.1		
08/28/06	284110	Bromide	0.000	0.1	U	0.1		
08/28/06	284110	Nitrate-N	8.907	8.91		0.1		
08/28/06	284110	Phosphate-P	0.046	0.1	U	0.1		
08/28/06	284110	Sulfate	6.800	6.80		0.1		
08/28/06	284111	Fluoride	0.379	0.379		0.1		
08/28/06	284111	Chloride	1.767	1.77		0.1		
08/28/06	284111	Nitrite-N	0.085	0.1	U	0.1		
08/28/06	284111	Bromide	0.000	0.1	U	0.1		
08/28/06	284111	Nitrate-N	8.778	8.78		0.1		
08/28/06	284111	Phosphate-P	0.064	0.1	U	0.1		
08/28/06	284111	Sulfate	6.755	6.76		0.1		
08/28/06	284112	Fluoride	0.379	0.379		0.1		
08/28/06	284112	Chloride	1.773	1.77		0.1		
08/28/06	284112	Nitrite-N	0.083	0.1	U	0.1		
08/28/06	284112	Bromide	0.000	0.1	U	0.1		
08/28/06	284112	Nitrate-N	8.441	8.44		0.1		
08/28/06	284112	Phosphate-P	0.052	0.1	U	0.1		
08/28/06	284112	Sulfate	6.755	6.76		0.1		
08/28/06	284113	Fluoride	0.392	0.392		0.1		
08/28/06	284113	Chloride	1.695	1.70		0.1		
08/28/06	284113	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284113	Bromide	0.000	0.1	U	0.1		
08/28/06	284113	Nitrate-N	8.180	8.18		0.1		
08/28/06	284113	Phosphate-P	0.052	0.1	U	0.1		
08/28/06	284113	Sulfate	6.761	6.76		0.1		
08/28/06	284114	Fluoride	0.416	0.416		0.1		
08/28/06	284114	Chloride	1.700	1.70		0.1		
08/28/06	284114	Nitrite-N	0.100	0.1		0.1		
08/28/06	284114	Bromide	0.000	0.1	U	0.1		
08/28/06	284114	Nitrate-N	6.954	6.95		0.1		
08/28/06	284114	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284114	Sulfate	6.764	6.76		0.1		
08/28/06	284115	Fluoride	0.415	0.415		0.1		
08/28/06	284115	Chloride	1.721	1.72		0.1		
08/28/06	284115	Nitrite-N	0.084	0.1	U	0.1		
08/28/06	284115	Bromide	0.000	0.1	U	0.1		

U = Undetected

DIV 20 242 WMN 10/09/06
06002.01.~~222~~
TO# 060801-11,12,13

Analyst: RSS
Method: 300
Sig Fig: 3

010040

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
08/28/06	284115	Nitrate-N	6.363	6.36		0.1		
08/28/06	284115	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284115	Sulfate	6.790	6.79		0.1		
08/28/06	284116	Fluoride	0.355	0.355		0.1		
08/28/06	284116	Chloride	1.744	1.74		0.1		
08/28/06	284116	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284116	Bromide	0.000	0.1	U	0.1		
08/28/06	284116	Nitrate-N	5.177	5.18		0.1		
08/28/06	284116	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284116	Sulfate	6.849	6.85		0.1		
08/28/06	284117	Fluoride	0.362	0.362		0.1		
08/28/06	284117	Chloride	1.796	1.80		0.1		
08/28/06	284117	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284117	Bromide	0.000	0.1	U	0.1		
08/28/06	284117	Nitrate-N	0.966	0.966		0.1		
08/28/06	284117	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284117	Sulfate	6.930	6.93		0.1		
08/28/06	284118	Fluoride	0.357	0.357		0.1		
08/28/06	284118	Chloride	1.819	1.82		0.1		
08/28/06	284118	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284118	Bromide	0.000	0.1	U	0.1		
08/28/06	284118	Nitrate-N	0.509	0.509		0.1		
08/28/06	284118	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284118	Sulfate	6.824	6.82		0.1		
08/28/06	284119	Fluoride	0.341	0.341		0.1		
08/28/06	284119	Chloride	1.791	1.79		0.1		
08/28/06	284119	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284119	Bromide	0.000	0.1	U	0.1		
08/28/06	284119	Nitrate-N	10.092	10.1		0.1		
08/28/06	284119	Phosphate-P	0.133	0.133		0.1		
08/28/06	284119	Sulfate	6.835	6.84		0.1		
08/28/06	284120	Fluoride	0.334	0.334		0.1		
08/28/06	284120	Chloride	1.747	1.75		0.1		
08/28/06	284120	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284120	Bromide	0.000	0.1	U	0.1		
08/28/06	284120	Nitrate-N	9.726	9.73		0.1		
08/28/06	284120	Phosphate-P	0.107	0.107		0.1		
08/28/06	284120	Sulfate	6.793	6.79		0.1		
08/28/06	284121	Fluoride	0.336	0.336		0.1		
08/28/06	284121	Chloride	1.679	1.68		0.1		
08/28/06	284121	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284121	Bromide	0.000	0.1	U	0.1		
08/28/06	284121	Nitrate-N	9.622	9.62		0.1		
08/28/06	284121	Phosphate-P	0.118	0.118		0.1		
08/28/06	284121	Sulfate	6.894	6.89		0.1		
08/28/06	284122	Fluoride	0.321	0.321		0.1		
08/28/06	284122	Chloride	1.729	1.73		0.1		
08/28/06	284122	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284122	Bromide	0.000	0.1	U	0.1		
08/28/06	284122	Nitrate-N	9.366	9.37		0.1		
08/28/06	284122	Phosphate-P	0.087	0.1	U	0.1		

U = Undetected

DIV 20
06002.01.~~222~~ 242 WMN 10/09/06
TO# 060801-11,12,13

Analyst: RSS
Method: 300
Sig Fig: 3

010041

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
08/28/06	284122	Sulfate	6.909	6.91		0.1		
08/28/06	284123	Fluoride	0.317	0.317		0.1		
08/28/06	284123	Chloride	1.741	1.74		0.1		
08/28/06	284123	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284123	Bromide	0.000	0.1	U	0.1		
08/28/06	284123	Nitrate-N	9.141	9.14		0.1		
08/28/06	284123	Phosphate-P	0.083	0.1	U	0.1		
08/28/06	284123	Sulfate	6.833	6.83		0.1		
08/28/06	284123D	Fluoride	0.311	0.311		0.1		1.91%
08/28/06	284123D	Chloride	1.791	1.79		0.1		2.83%
08/28/06	284123D	Nitrite-N	0.000	0.1	U	0.1		0.00%
08/28/06	284123D	Bromide	0.000	0.1	U	0.1		0.00%
08/28/06	284123D	Nitrate-N	9.158	9.16		0.1		0.22%
08/28/06	284123D	Phosphate-P	0.081	0.1	U	0.1		0.00%
08/28/06	284123D	Sulfate	6.830	6.83		0.1		0.00%
08/28/06	284123S	Fluoride	1.187	1.19		0.1	1	87.3%
08/28/06	284123S	Chloride	3.746	3.75		0.1	2	101%
08/28/06	284123S	Nitrite-N	1.037	1.04		0.1	1.09	95.4%
08/28/06	284123S	Bromide	4.050	4.05		0.1	4	101%
08/28/06	284123S	Nitrate-N	9.930	9.93		0.1	0.904	87.4%
08/28/06	284123S	Phosphate-P	2.077	2.08		0.1	1.96	106%
08/28/06	284123S	Sulfate	10.738	10.7		0.1	4	96.7%
08/28/06	284124	Fluoride	0.313	0.313		0.1		
08/28/06	284124	Chloride	1.819	1.82		0.1		
08/28/06	284124	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284124	Bromide	0.000	0.1	U	0.1		
08/28/06	284124	Nitrate-N	8.946	8.95		0.1		
08/28/06	284124	Phosphate-P	0.078	0.1	U	0.1		
08/28/06	284124	Sulfate	7.028	7.03		0.1		
08/28/06	284125	Fluoride	0.310	0.310		0.1		
08/28/06	284125	Chloride	1.792	1.79		0.1		
08/28/06	284125	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284125	Bromide	0.000	0.1	U	0.1		
08/28/06	284125	Nitrate-N	8.503	8.50		0.1		
08/28/06	284125	Phosphate-P	0.049	0.1	U	0.1		
08/28/06	284125	Sulfate	6.848	6.85		0.1		
08/28/06	284126	Fluoride	0.380	0.38		0.1		
08/28/06	284126	Chloride	1.730	1.73		0.1		
08/28/06	284126	Nitrite-N	0.084	0.1	U	0.1		
08/28/06	284126	Bromide	0.000	0.1	U	0.1		
08/28/06	284126	Nitrate-N	7.586	7.59		0.1		
08/28/06	284126	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284126	Sulfate	6.897	6.90		0.1		
08/28/06	284127	Fluoride	0.357	0.357		0.1		
08/28/06	284127	Chloride	1.674	1.67		0.1		
08/28/06	284127	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284127	Bromide	0.000	0.1	U	0.1		
08/28/06	284127	Nitrate-N	6.865	6.87		0.1		
08/28/06	284127	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284127	Sulfate	6.722	6.72		0.1		
08/28/06	284128	Fluoride	0.411	0.411		0.1		

U = Undetected

DIV 20 242 WAN 10/09/06
06002.01.~~222~~
TO# 060801-11,12,13

Analyst: RSS
Method: 300
Sig Fig: 3

010042

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
08/28/06	284128	Chloride	1.835	1.84		0.1		
08/28/06	284128	Nitrite-N	0.091	0.1	U	0.1		
08/28/06	284128	Bromide	0.000	0.1	U	0.1		
08/28/06	284128	Nitrate-N	4.743	4.74		0.1		
08/28/06	284128	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284128	Sulfate	6.863	6.86		0.1		
08/28/06	284129	Fluoride	0.409	0.409		0.1		
08/28/06	284129	Chloride	1.954	1.95		0.1		
08/28/06	284129	Nitrite-N	0.084	0.1	U	0.1		
08/28/06	284129	Bromide	0.000	0.1	U	0.1		
08/28/06	284129	Nitrate-N	0.732	0.732		0.1		
08/28/06	284129	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284129	Sulfate	6.894	6.89		0.1		
08/28/06	284130	Fluoride	0.385	0.385		0.1		
08/28/06	284130	Chloride	2.304	2.30		0.1		
08/28/06	284130	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284130	Bromide	0.000	0.1	U	0.1		
08/28/06	284130	Nitrate-N	0.321	0.321		0.1		
08/28/06	284130	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284130	Sulfate	6.778	6.78		0.1		
08/28/06	284131	Fluoride	1.837	1.84		0.1		
08/28/06	284131	Chloride	3.918	3.92		0.1		
08/28/06	284131	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284131	Bromide	8.093	8.09		0.1		
08/28/06	284131	Nitrate-N	1.724	1.72		0.1		
08/28/06	284131	Phosphate-P	3.974	3.97		0.1		
08/28/06	284131	Sulfate	8.089	8.09		0.1		
08/28/06	284132	Fluoride	0.436	0.436		0.1		
08/28/06	284132	Chloride	1.946	1.95		0.1		
08/28/06	284132	Nitrite-N	0.089	0.1	U	0.1		
08/28/06	284132	Bromide	0.000	0.1	U	0.1		
08/28/06	284132	Nitrate-N	9.326	9.33		0.1		
08/28/06	284132	Phosphate-P	0.102	0.102		0.1		
08/28/06	284132	Sulfate	7.079	7.08		0.1		
08/28/06	284133	Fluoride	0.412	0.412		0.1		
08/28/06	284133	Chloride	1.898	1.90		0.1		
08/28/06	284133	Nitrite-N	0.105	0.105		0.1		
08/28/06	284133	Bromide	0.000	0.1	U	0.1		
08/28/06	284133	Nitrate-N	8.916	8.92		0.1		
08/28/06	284133	Phosphate-P	0.091	0.1	U	0.1		
08/28/06	284133	Sulfate	6.910	6.91		0.1		
08/28/06	284134	Fluoride	0.430	0.430		0.1		
08/28/06	284134	Chloride	1.980	1.98		0.1		
08/28/06	284134	Nitrite-N	0.113	0.113		0.1		
08/28/06	284134	Bromide	0.000	0.1	U	0.1		
08/28/06	284134	Nitrate-N	8.519	8.52		0.1		
08/28/06	284134	Phosphate-P	0.053	0.1	U	0.1		
08/28/06	284134	Sulfate	6.952	6.95		0.1		
08/28/06	284135	Fluoride	0.428	0.428		0.1		
08/28/06	284135	Chloride	1.882	1.88		0.1		
08/28/06	284135	Nitrite-N	0.098	0.1	U	0.1		

U = Undetected

DIV 20
06002.01.~~222~~ 242 10/09/06
TO# 060801-11,12,13

Analyst: RSS
Method: 300
Sig Fig: 3

010043

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
08/28/06	284135	Bromide	0.000	0.1	U	0.1		
08/28/06	284135	Nitrate-N	8.155	8.16		0.1		
08/28/06	284135	Phosphate-P	0.052	0.1	U	0.1		
08/28/06	284135	Sulfate	6.901	6.90		0.1		
08/28/06	284136	Fluoride	0.406	0.406		0.1		
08/28/06	284136	Chloride	1.980	1.98		0.1		
08/28/06	284136	Nitrite-N	0.089	0.1	U	0.1		
08/28/06	284136	Bromide	0.000	0.1	U	0.1		
08/28/06	284136	Nitrate-N	7.901	7.90		0.1		
08/28/06	284136	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284136	Sulfate	6.794	6.79		0.1		
08/28/06	284137	Fluoride	0.414	0.414		0.1		
08/28/06	284137	Chloride	1.920	1.92		0.1		
08/28/06	284137	Nitrite-N	0.092	0.1	U	0.1		
08/28/06	284137	Bromide	0.000	0.1	U	0.1		
08/28/06	284137	Nitrate-N	7.768	7.77		0.1		
08/28/06	284137	Phosphate-P	0.042	0.1	U	0.1		
08/28/06	284137	Sulfate	6.831	6.83		0.1		
08/28/06	284138	Fluoride	0.406	0.406		0.1		
08/28/06	284138	Chloride	1.894	1.89		0.1		
08/28/06	284138	Nitrite-N	0.092	0.1	U	0.1		
08/28/06	284138	Bromide	0.000	0.1	U	0.1		
08/28/06	284138	Nitrate-N	7.442	7.44		0.1		
08/28/06	284138	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284138	Sulfate	6.813	6.81		0.1		
08/28/06	284139	Fluoride	0.405	0.405		0.1		
08/28/06	284139	Chloride	1.964	1.96		0.1		
08/28/06	284139	Nitrite-N	0.104	0.104		0.1		
08/28/06	284139	Bromide	0.000	0.1	U	0.1		
08/28/06	284139	Nitrate-N	6.538	6.54		0.1		
08/28/06	284139	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284139	Sulfate	6.758	6.76		0.1		
08/28/06	284140	Fluoride	0.427	0.427		0.1		
08/28/06	284140	Chloride	1.952	1.95		0.1		
08/28/06	284140	Nitrite-N	0.101	0.101		0.1		
08/28/06	284140	Bromide	0.000	0.1	U	0.1		
08/28/06	284140	Nitrate-N	5.800	5.80		0.1		
08/28/06	284140	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284140	Sulfate	6.865	6.87		0.1		
08/28/06	284141	Fluoride	0.379	0.379		0.1		
08/28/06	284141	Chloride	1.732	1.73		0.1		
08/28/06	284141	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284141	Bromide	0.000	0.1	U	0.1		
08/28/06	284141	Nitrate-N	5.156	5.16		0.1		
08/28/06	284141	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284141	Sulfate	6.867	6.87		0.1		
08/28/06	284142	Fluoride	0.371	0.371		0.1		
08/28/06	284142	Chloride	1.750	1.75		0.1		
08/28/06	284142	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284142	Bromide	0.000	0.1	U	0.1		
08/28/06	284142	Nitrate-N	0.955	0.955		0.1		

U = Undetected

DIV 20 242
06002.01 ~~222~~ WAN 10/09/06
TO# 060801-11,12,13

Analyst: RSS
Method: 300
Sig Fig: 3

010044

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
08/28/06	284142	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284142	Sulfate	6.862	6.86		0.1		
08/28/06	284143	Fluoride	0.374	0.374		0.1		
08/28/06	284143	Chloride	1.753	1.75		0.1		
08/28/06	284143	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284143	Bromide	0.000	0.1	U	0.1		
08/28/06	284143	Nitrate-N	0.541	0.541		0.1		
08/28/06	284143	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284143	Sulfate	7.070	7.07		0.1		
08/28/06	284143D	Fluoride	0.382	0.382		0.1		2.12%
08/28/06	284143D	Chloride	1.728	1.73		0.1		1.15%
08/28/06	284143D	Nitrite-N	0.000	0.1	U	0.1		0.00%
08/28/06	284143D	Bromide	0.000	0.1	U	0.1		0.00%
08/28/06	284143D	Nitrate-N	0.556	0.556		0.1		2.73%
08/28/06	284143D	Phosphate-P	0.000	0.1	U	0.1		0.00%
08/28/06	284143D	Sulfate	7.026	7.03		0.1		0.57%
08/28/06	284143S	Fluoride	1.260	1.26		0.1	1	88.6%
08/28/06	284143S	Chloride	3.762	3.76		0.1	2	101%
08/28/06	284143S	Nitrite-N	1.045	1.05		0.1	1.09	96.3%
08/28/06	284143S	Bromide	4.142	4.14		0.1	4	104%
08/28/06	284143S	Nitrate-N	1.422	1.42		0.1	0.904	97.2%
08/28/06	284143S	Phosphate-P	2.023	2.02		0.1	1.96	103%
08/28/06	284143S	Sulfate	11.240	11.2		0.1	4	103%
08/28/06	284144	Fluoride	0.412	0.412		0.1		
08/28/06	284144	Chloride	1.710	1.71		0.1		
08/28/06	284144	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284144	Bromide	0.000	0.1	U	0.1		
08/28/06	284144	Nitrate-N	10.240	10.2		0.1		
08/28/06	284144	Phosphate-P	0.364	0.364		0.1		
08/28/06	284144	Sulfate	7.005	7.01		0.1		
08/28/06	284145	Fluoride	0.389	0.389		0.1		
08/28/06	284145	Chloride	1.705	1.71		0.1		
08/28/06	284145	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284145	Bromide	0.000	0.1	U	0.1		
08/28/06	284145	Nitrate-N	9.935	9.94		0.1		
08/28/06	284145	Phosphate-P	0.236	0.236		0.1		
08/28/06	284145	Sulfate	6.889	6.89		0.1		
08/28/06	284146	Fluoride	0.374	0.374		0.1		
08/28/06	284146	Chloride	1.667	1.67		0.1		
08/28/06	284146	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284146	Bromide	0.000	0.1	U	0.1		
08/28/06	284146	Nitrate-N	9.465	9.47		0.1		
08/28/06	284146	Phosphate-P	0.189	0.189		0.1		
08/28/06	284146	Sulfate	6.782	6.78		0.1		
08/28/06	284147	Fluoride	0.375	0.375		0.1		
08/28/06	284147	Chloride	1.711	1.71		0.1		
08/28/06	284147	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284147	Bromide	0.000	0.1	U	0.1		
08/28/06	284147	Nitrate-N	9.570	9.57		0.1		
08/28/06	284147	Phosphate-P	0.162	0.162		0.1		
08/28/06	284147	Sulfate	6.918	6.92		0.1		

U = Undetected

DIV 20 242
06002.01.~~222~~ 10/09/06
TO# 060801-11,12,13

Analyst: RSS
Method: 300
Sig Fig: 3

010045

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
08/28/06	284148	Fluoride	0.386	0.386		0.1		
08/28/06	284148	Chloride	1.695	1.70		0.1		
08/28/06	284148	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284148	Bromide	0.000	0.1	U	0.1		
08/28/06	284148	Nitrate-N	9.446	9.45		0.1		
08/28/06	284148	Phosphate-P	0.175	0.175		0.1		
08/28/06	284148	Sulfate	6.943	6.94		0.1		
08/28/06	284149	Fluoride	0.381	0.381		0.1		
08/28/06	284149	Chloride	1.726	1.73		0.1		
08/28/06	284149	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284149	Bromide	0.000	0.1	U	0.1		
08/28/06	284149	Nitrate-N	8.953	8.95		0.1		
08/28/06	284149	Phosphate-P	0.123	0.123		0.1		
08/28/06	284149	Sulfate	6.884	6.88		0.1		
08/28/06	284150	Fluoride	0.363	0.363		0.1		
08/28/06	284150	Chloride	1.786	1.79		0.1		
08/28/06	284150	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284150	Bromide	0.000	0.1	U	0.1		
08/28/06	284150	Nitrate-N	8.873	8.87		0.1		
08/28/06	284150	Phosphate-P	0.105	0.105		0.1		
08/28/06	284150	Sulfate	7.132	7.13		0.1		
08/28/06	284151	Fluoride	0.362	0.362		0.1		
08/28/06	284151	Chloride	1.710	1.71		0.1		
08/28/06	284151	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284151	Bromide	0.000	0.1	U	0.1		
08/28/06	284151	Nitrate-N	7.667	7.67		0.1		
08/28/06	284151	Phosphate-P	0.061	0.1	U	0.1		
08/28/06	284151	Sulfate	6.848	6.85		0.1		
08/28/06	284152	Fluoride	0.384	0.384		0.1		
08/28/06	284152	Chloride	1.706	1.71		0.1		
08/28/06	284152	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	284152	Bromide	0.000	0.1	U	0.1		
08/28/06	284152	Nitrate-N	6.940	6.94		0.1		
08/28/06	284152	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	284152	Sulfate	6.886	6.89		0.1		

U = Undetected

DIV 20
06002.01.242
TO# 060801-11,12,13

Analyst: RSS
Method: 300
Sig Fig: 3

010046

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
08/28/06	**ICV (LCS)**	**Fluoride**	**96.558**	**96.6**		**0**	**100**	**96.6%**
08/28/06	**ICV (LCS)**	**Chloride**	**205.034**	**205**		**0.1**	**200**	**103%**
08/28/06	**ICV (LCS)**	**Nitrite-N**	**105.802**	**106**		**0.1**	**109**	**97.2%**
08/28/06	**ICV (LCS)**	**Bromide**	**414.385**	**414**		**0.1**	**400**	**104%**
08/28/06	**ICV (LCS)**	**Nitrate-N**	**88.843**	**88.8**		**0.1**	**90.4**	**98.2%**
08/28/06	**ICV (LCS)**	**Phosphate-P**	**194.754**	**195**		**0.1**	**196**	**99.5%**
08/28/06	**ICV (LCS)**	**Sulfate**	**395.896**	**396**		**0.1**	**400**	**99.0%**
08/28/06	**ICB (PB)**	**Fluoride**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	**CCB (PB)**	**Chloride**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	**ICB (PB)**	**Nitrite-N**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	**ICB (PB)**	**Bromide**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	**ICB (PB)**	**Nitrate-N**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	**ICB (PB)**	**Phosphate-P**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	**ICB (PB)**	**Sulfate**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	CCV	Fluoride	97.200	97.2		0.1	100	97.2%
08/28/06	CCV	Chloride	203.921	204		0.1	200	102%
08/28/06	CCV	Nitrite-N	104.218	104		0.1	109	95.4%
08/28/06	CCV	Bromide	410.037	410		0.1	400	103%
08/28/06	CCV	Nitrate-N	88.472	88.5		0.1	90.4	97.9%
08/28/06	CCV	Phosphate-P	194.706	195		0.1	196	99.5%
08/28/06	CCV	Sulfate	395.648	396		0.1	400	99.0%
08/28/06	CCB	Fluoride	0.000	0.1	U	0.1		
08/28/06	CCB	Chloride	0.000	0.1	U	0.1		
08/28/06	CCB	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	CCB	Bromide	0.000	0.1	U	0.1		
08/28/06	CCB	Nitrate-N	0.000	0.1	U	0.1		
08/28/06	CCB	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	CCB	Sulfate	0.000	0.1	U	0.1		
08/28/06	**CCV (LCS-2)**	**Fluoride**	**97.189**	**97.2**		**0.1**	**100**	**97.2%**
08/28/06	**CCV (LCS-2)**	**Chloride**	**203.466**	**203**		**0.1**	**200**	**102%**
08/28/06	**CCV (LCS-2)**	**Nitrite-N**	**104.349**	**104**		**0.1**	**109**	**95.4%**
08/28/06	**CCV (LCS-2)**	**Bromide**	**406.398**	**406**		**0.1**	**400**	**102%**
08/28/06	**CCV (LCS-2)**	**Nitrate-N**	**87.278**	**87.3**		**0.1**	**90.4**	**96.6%**
08/28/06	**CCV (LCS-2)**	**Phosphate-P**	**193.152**	**193**		**0.1**	**196**	**98.5%**
08/28/06	**CCV (LCS-2)**	**Sulfate**	**396.231**	**396**		**0.1**	**400**	**99.0%**
08/28/06	**CCB (PB-2)**	**Fluoride**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	**CCB (PB-2)**	**Chloride**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	**CCB (PB-2)**	**Nitrite-N**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	**CCB (PB-2)**	**Bromide**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	**CCB (PB-2)**	**Nitrate-N**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	**CCB (PB-2)**	**Phosphate-P**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	CCB	Sulfate	0.000	0.1	U	0.1		
08/28/06	CCV	Fluoride	97.682	97.7		0.1	100	97.7%
08/28/06	CCV	Chloride	203.683	204		0.1	200	102%
08/28/06	CCV	Nitrite-N	104.515	105		0.1	109	96.3%
08/28/06	CCV	Bromide	407.715	408		0.1	400	102%
08/28/06	CCV	Nitrate-N	87.856	87.9		0.1	90.4	97.2%
08/28/06	CCV	Phosphate-P	195.247	195		0.1	196	99.5%
08/28/06	CCV	Sulfate	400.222	400		0.1	400	100%
08/28/06	CCB	Fluoride	0.000	0.1	U	0.1		
08/28/06	CCB	Chloride	0.000	0.1	U	0.1		

U = Undetected

DIV 20
06002.01.242
TO# 060801-11,12,13

Analyst: RSS
Method: 300
Sig Fig: 3

010047

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
08/28/06	CCB	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	CCB	Bromide	0.000	0.1	U	0.1		
08/28/06	CCB	Nitrate-N	0.000	0.1	U	0.1		
08/28/06	CCB	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	CCB	Sulfate	0.000	0.1	U	0.1		
08/28/06	**CCV (LCS-3)**	**Fluoride**	**97.460**	**97.5**		**0**	**100**	**97.5%**
08/28/06	**CCV (LCS-3)**	**Chloride**	**204.729**	**205**		**0.1**	**200**	**103%**
08/28/06	**CCV (LCS-3)**	**Nitrite-N**	**105.692**	**106**		**0.1**	**109**	**97.2%**
08/28/06	**CCV (LCS-3)**	**Bromide**	**413.955**	**414**		**0.1**	**400**	**104%**
08/28/06	**CCV (LCS-3)**	**Nitrate-N**	**89.600**	**89.6**		**0.1**	**90.4**	**99.1%**
08/28/06	**CCV (LCS-3)**	**Phosphate-P**	**198.073**	**198**		**0.1**	**196**	**101%**
08/28/06	**CCV (LCS-3)**	**Sulfate**	**400.623**	**401**		**0.1**	**400**	**100%**
08/28/06	**CCB (PB-3)**	**Fluoride**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	**CCB (PB-3)**	**Chloride**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	**CCB (PB-3)**	**Nitrite-N**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	**CCB (PB-3)**	**Bromide**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	**CCB (PB-3)**	**Nitrate-N**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	**CCB (PB-3)**	**Phosphate-P**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	**CCB (PB-3)**	**Sulfate**	**0.000**	**0.1**	**U**	**0.1**		
08/28/06	CCV	Fluoride	98.200	98.2		0	100	98.2%
08/28/06	CCV	Chloride	205.816	206		0.1	200	103%
08/28/06	CCV	Nitrite-N	105.447	105		0.1	109	96.3%
08/28/06	CCV	Bromide	411.017	411		0.1	400	103%
08/28/06	CCV	Nitrate-N	88.596	88.6		0.1	90.4	98.0%
08/28/06	CCV	Phosphate-P	196.571	197		0.1	196	101%
08/28/06	CCV	Sulfate	400.217	400		0.1	400	100%
08/28/06	CCB	Fluoride	0.000	0.1	U	0.1		
08/28/06	CCB	Chloride	0.000	0.1	U	0.1		
08/28/06	CCB	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	CCB	Bromide	0.000	0.1	U	0.1		
08/28/06	CCB	Nitrate-N	0.000	0.1	U	0.1		
08/28/06	CCB	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	CCB	Sulfate	0.000	0.1	U	0.1		
08/28/06	CCV	Fluoride	97.260	97.3		0	100	97.3%
08/28/06	CCV	Chloride	203.549	204		0.1	200	102%
08/28/06	CCV	Nitrite-N	104.394	104		0.1	109	95.4%
08/28/06	CCV	Bromide	407.025	407		0.1	400	102%
08/28/06	CCV	Nitrate-N	88.786	88.8		0.1	90.4	98.2%
08/28/06	CCV	Phosphate-P	199.150	199		0.1	196	102%
08/28/06	CCV	Sulfate	401.116	401		0.1	400	100%
08/28/06	CCB	Fluoride	0.000	0.1	U	0.1		
08/28/06	CCB	Chloride	0.000	0.1	U	0.1		
08/28/06	CCB	Nitrite-N	0.000	0.1	U	0.1		
08/28/06	CCB	Bromide	0.000	0.1	U	0.1		
08/28/06	CCB	Nitrate-N	0.000	0.1	U	0.1		
08/28/06	CCB	Phosphate-P	0.000	0.1	U	0.1		
08/28/06	CCB	Sulfate	0.000	0.1	U	0.1		

U = Undetected

Schedule File: C:\PeakNet\schedule\28aug06.SCH

010048

Line	Sample	Sample Type	Level	Method	Data File	Dilution
1	ICV	Sample		anions060826.met	060828_001.dxd	20
2	ICB	Sample		anions060826.met	060828_002.dxd	1
3	284103	Sample		anions060826.met	060828_003.dxd	1
4	284103D	Sample		anions060826.met	060828_004.dxd	1
5	284103S	Sample		anions060826.met	060828_005.dxd	1
6	284104	Sample		anions060826.met	060828_006.dxd	1
7	284105	Sample		anions060826.met	060828_007.dxd	1
8	284106	Sample		anions060826.met	060828_008.dxd	1
9	284107	Sample		anions060826.met	060828_009.dxd	1
10	284108	Sample		anions060826.met	060828_010.dxd	1
11	284109	Sample		anions060826.met	060828_011.dxd	1
12	284110	Sample		anions060826.met	060828_012.dxd	1
13	CCV	Sample		anions060826.met	060828_013.dxd	20
14	CCB	Sample		anions060826.met	060828_014.dxd	1
15	284111	Sample		anions060826.met	060828_015.dxd	1
16	284112	Sample		anions060826.met	060828_016.dxd	1
17	284113	Sample		anions060826.met	060828_017.dxd	1
18	284114	Sample		anions060826.met	060828_018.dxd	1
19	284115	Sample		anions060826.met	060828_019.dxd	1
20	284116	Sample		anions060826.met	060828_020.dxd	1
21	284117	Sample		anions060826.met	060828_021.dxd	1
22	284118	Sample		anions060826.met	060828_022.dxd	1
23	284119	Sample		anions060826.met	060828_023.dxd	1
24	284120	Sample		anions060826.met	060828_024.dxd	1
25	CCV	Sample		anions060826.met	060828_025.dxd	20
26	CCB	Sample		anions060826.met	060828_026.dxd	1
27	284121	Sample		anions060826.met	060828_027.dxd	1
28	284122	Sample		anions060826.met	060828_028.dxd	1
29	284123	Sample		anions060826.met	060828_029.dxd	1
30	284123D	Sample		anions060826.met	060828_030.dxd	1
31	284123S	Sample		anions060826.met	060828_031.dxd	1
32	284124	Sample		anions060826.met	060828_032.dxd	1
33	284125	Sample		anions060826.met	060828_033.dxd	1
34	284126	Sample		anions060826.met	060828_034.dxd	1
35	284127	Sample		anions060826.met	060828_035.dxd	1
36	284128	Sample		anions060826.met	060828_036.dxd	1
37	CCV	Sample		anions060826.met	060828_037.dxd	20
38	CCB	Sample		anions060826.met	060828_038.dxd	1
39	284129	Sample		anions060826.met	060828_039.dxd	1
40	284130	Sample		anions060826.met	060828_040.dxd	1
41	284131	Sample		anions060826.met	060828_041.dxd	1
42	284132	Sample		anions060826.met	060828_042.dxd	1
43	284133	Sample		anions060826.met	060828_043.dxd	1
44	284134	Sample		anions060826.met	060828_044.dxd	1
45	284135	Sample		anions060826.met	060828_045.dxd	1
46	284136	Sample		anions060826.met	060828_046.dxd	1
47	284137	Sample		anions060826.met	060828_047.dxd	1
48	284138	Sample		anions060826.met	060828_048.dxd	1
49	CCV	Sample		anions060826.met	060828_049.dxd	20
50	CCB	Sample		anions060826.met	060828_050.dxd	1
51	284139	Sample		anions060826.met	060828_051.dxd	1
52	284140	Sample		anions060826.met	060828_052.dxd	1
53	284141	Sample		anions060826.met	060828_053.dxd	1
54	284142	Sample		anions060826.met	060828_054.dxd	1
55	284143	Sample		anions060826.met	060828_055.dxd	1
56	284143D	Sample		anions060826.met	060828_056.dxd	1
57	284143S	Sample		anions060826.met	060828_057.dxd	1
58	284144	Sample		anions060826.met	060828_058.dxd	1
59	284145	Sample		anions060826.met	060828_059.dxd	1
60	284146	Sample		anions060826.met	060828_060.dxd	1
61	CCV	Sample		anions060826.met	060828_061.dxd	20
62	CCB	Sample		anions060826.met	060828_062.dxd	1
63	284147	Sample		anions060826.met	060828_063.dxd	1

Schedule File: C:\PeakNet\schedule\28aug06.SCH

010049

Line	Sample	Sample Type	Level	Method	Data File	Dilution
1	ICV	Sample		anions060826.met	060828_001.dxd	20
2	ICB	Sample		anions060826.met	060828_002.dxd	1
3	284103	Sample		anions060826.met	060828_003.dxd	1
4	284103D	Sample		anions060826.met	060828_004.dxd	1
5	284103S	Sample		anions060826.met	060828_005.dxd	1
6	284104	Sample		anions060826.met	060828_006.dxd	1
7	284105	Sample		anions060826.met	060828_007.dxd	1
8	284106	Sample		anions060826.met	060828_008.dxd	1
9	284107	Sample		anions060826.met	060828_009.dxd	1
10	284108	Sample		anions060826.met	060828_010.dxd	1
11	284109	Sample		anions060826.met	060828_011.dxd	1
12	284110	Sample		anions060826.met	060828_012.dxd	1
13	CCV	Sample		anions060826.met	060828_013.dxd	20
14	CCB	Sample		anions060826.met	060828_014.dxd	1
15	284111	Sample		anions060826.met	060828_015.dxd	1
16	284112	Sample		anions060826.met	060828_016.dxd	1
17	284113	Sample		anions060826.met	060828_017.dxd	1
18	284114	Sample		anions060826.met	060828_018.dxd	1
19	284115	Sample		anions060826.met	060828_019.dxd	1
20	284116	Sample		anions060826.met	060828_020.dxd	1
21	284117	Sample		anions060826.met	060828_021.dxd	1
22	284118	Sample		anions060826.met	060828_022.dxd	1
23	284119	Sample		anions060826.met	060828_023.dxd	1
24	284120	Sample		anions060826.met	060828_024.dxd	1
25	CCV	Sample		anions060826.met	060828_025.dxd	20
26	CCB	Sample		anions060826.met	060828_026.dxd	1
27	284121	Sample		anions060826.met	060828_027.dxd	1
28	284122	Sample		anions060826.met	060828_028.dxd	1
29	284123	Sample		anions060826.met	060828_029.dxd	1
30	284123D	Sample		anions060826.met	060828_030.dxd	1
31	284123S	Sample		anions060826.met	060828_031.dxd	1
32	284124	Sample		anions060826.met	060828_032.dxd	1
33	284125	Sample		anions060826.met	060828_033.dxd	1
34	284126	Sample		anions060826.met	060828_034.dxd	1
35	284127	Sample		anions060826.met	060828_035.dxd	1
36	284128	Sample		anions060826.met	060828_036.dxd	1
37	CCV	Sample		anions060826.met	060828_037.dxd	20
38	CCB	Sample		anions060826.met	060828_038.dxd	1
39	284129	Sample		anions060826.met	060828_039.dxd	1
40	284130	Sample		anions060826.met	060828_040.dxd	1
41	284131	Sample		anions060826.met	060828_041.dxd	1
42	284132	Sample		anions060826.met	060828_042.dxd	1
43	284133	Sample		anions060826.met	060828_043.dxd	1
44	284134	Sample		anions060826.met	060828_044.dxd	1
45	284135	Sample		anions060826.met	060828_045.dxd	1
46	284136	Sample		anions060826.met	060828_046.dxd	1
47	284137	Sample		anions060826.met	060828_047.dxd	1
48	284138	Sample		anions060826.met	060828_048.dxd	1
49	CCV	Sample		anions060826.met	060828_049.dxd	20
50	CCB	Sample		anions060826.met	060828_050.dxd	1
51	284139	Sample		anions060826.met	060828_051.dxd	1
52	284140	Sample		anions060826.met	060828_052.dxd	1
53	284141	Sample		anions060826.met	060828_053.dxd	1
54	284142	Sample		anions060826.met	060828_054.dxd	1
55	284143	Sample		anions060826.met	060828_055.dxd	1
56	284143D	Sample		anions060826.met	060828_056.dxd	1
57	284143S	Sample		anions060826.met	060828_057.dxd	1
58	284144	Sample		anions060826.met	060828_058.dxd	1
59	284145	Sample		anions060826.met	060828_059.dxd	1
60	284146	Sample		anions060826.met	060828_060.dxd	1
61	CCV	Sample		anions060826.met	060828_061.dxd	20
62	CCB	Sample		anions060826.met	060828_062.dxd	1
63	284147	Sample		anions060826.met	060828_063.dxd	1

Schedule File: C:\PeakNet\schedule\28aug06.SCH

Line	Sample	Sample Type	Level	Method	Data File	Dilution
64	284148	Sample		anions060826.met	060828_064.dxd	1
65	284149	Sample		anions060826.met	060828_065.dxd	1
66	284150	Sample		anions060826.met	060828_066.dxd	1
67	284151	Sample		anions060826.met	060828_067.dxd	1
68	284152	Sample		anions060826.met	060828_068.dxd	1
69	CCV	Sample		anions060826.met	060828_069.dxd	20
70	CCB	Sample		anions060826.met	060828_070.dxd	1
71	CCB	Sample		astop.met	060828	1

010050

Default Method Path: C:\PEAKNET\METHOD
Default Data Path: C:\PEAKNET\DATA\060828
Comment:
DIV 20 06002.01.242 TO#060801-11,12,13

ICV Sources:
1) SPEX LOT#33-13AS (INORG#5966)
   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) 08-01-IC6
   NO2N 109 mg/L

Sample Name : ICV
Dilution Factor : 20.00
Injection Number : 1
Data File Name : C:\PEAKNET\DATA\060828\060828_001.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

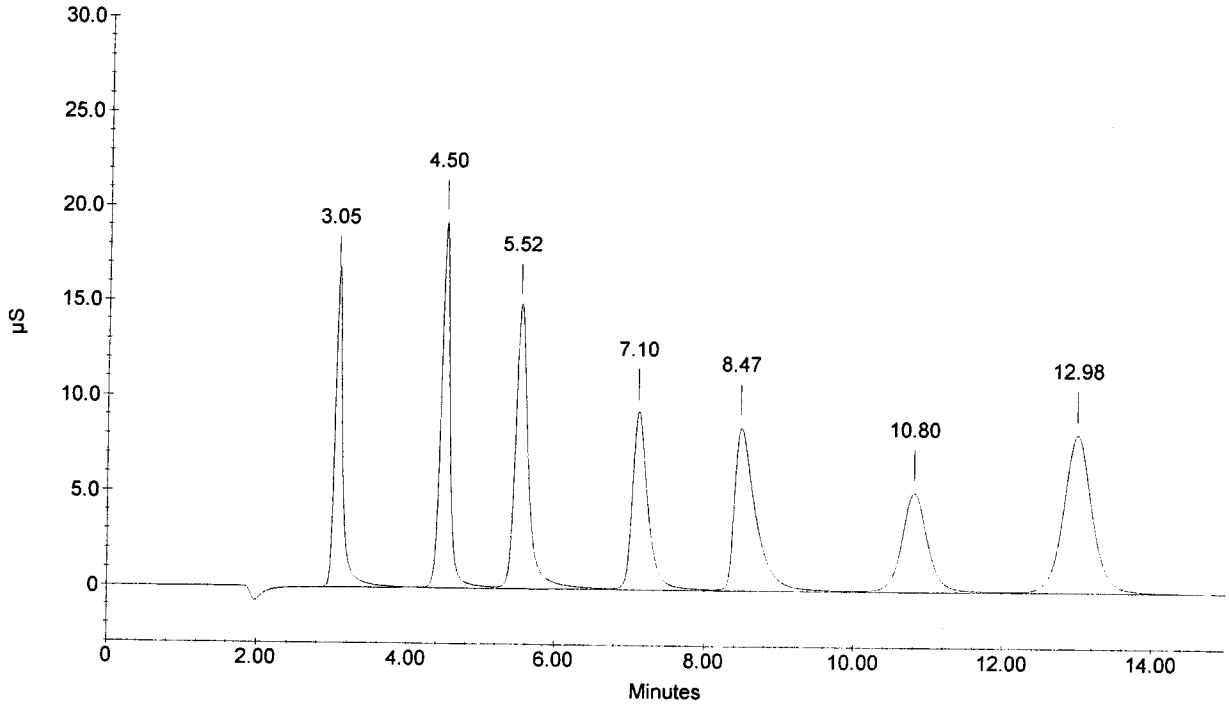
Date Time Collected : 8/28/06 10:25:38 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010051

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	96.558	161344	1227115	2	-1.29
2	4.50	CHLORIDE	205.034	191888	1655048	2	-0.44
3	5.52	NITRITE-N	105.802	147584	1845001	2	-0.24
4	7.10	BROMIDE	414.385	92890	1367702	2	0.28
5	8.47	NITRATE-N	88.843	85368	1705435	2	3.25
6	10.80	PHOSPHATE-P	194.754	51850	1275577	2	0.00
7	12.98	SULFATE	395.896	82852	2213372	2	-0.59
	0.00		---total(s)--- 1501.272		11289250		

ICV



Sample Name : ICB
Dilution Factor : 1.00
Injection Number : 2
Data File Name : C:\PEAKNET\DATA\060828\060828_002.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

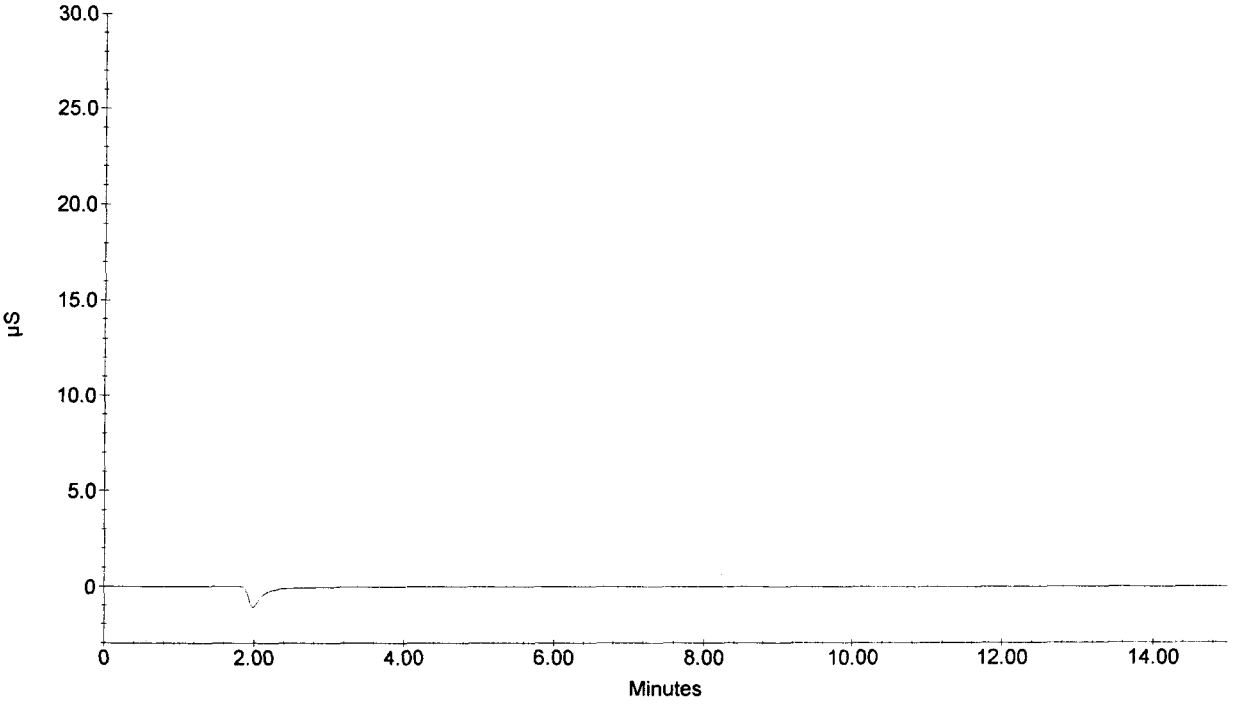
Date Time Collected : 8/28/06 10:43:25 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010052

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	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					
			---total(s)---				
	0.00		0.000		0		

ICB



Sample Name : 284103
Dilution Factor : 1.00
Injection Number : 3
Data File Name : C:\PEAKNET\DATA\060828\060828_003.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

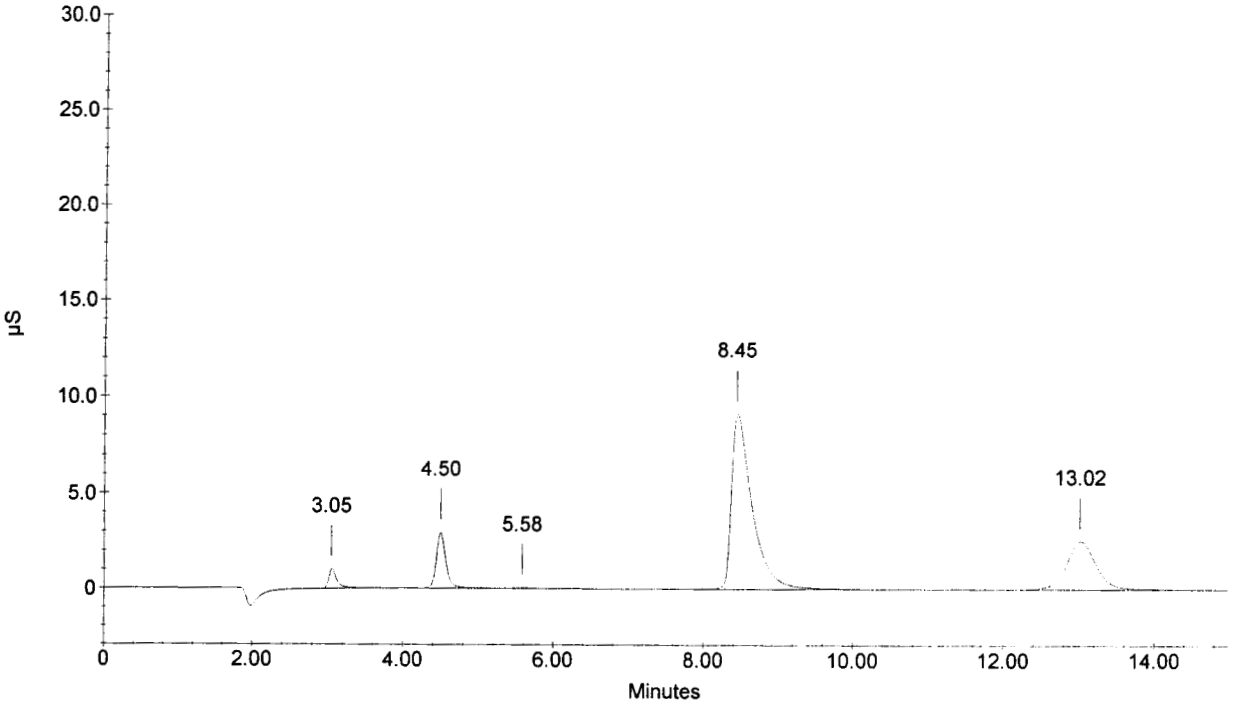
Date Time Collected : 8/28/06 11:01:07 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010053

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.385	10215	77881	1	-1.29
2	4.50	CHLORIDE	1.765	29307	262026	2	-0.44
3	5.58	NITRITE-N	0.094	433	5748	2	0.96
		BROMIDE					
4	8.45	NITRATE-N	4.640	90954	1784205	1	3.05
		PHOSPHATE-P					
5	13.02	SULFATE	6.750	25401	697438	1	-0.33
			---total(s)---				
	0.00		13.633		2827298		

284103



Sample Name : 284103D
Dilution Factor : 1.00
Injection Number : 4
Data File Name : C:\PEAKNET\DATA\060828\060828_004.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

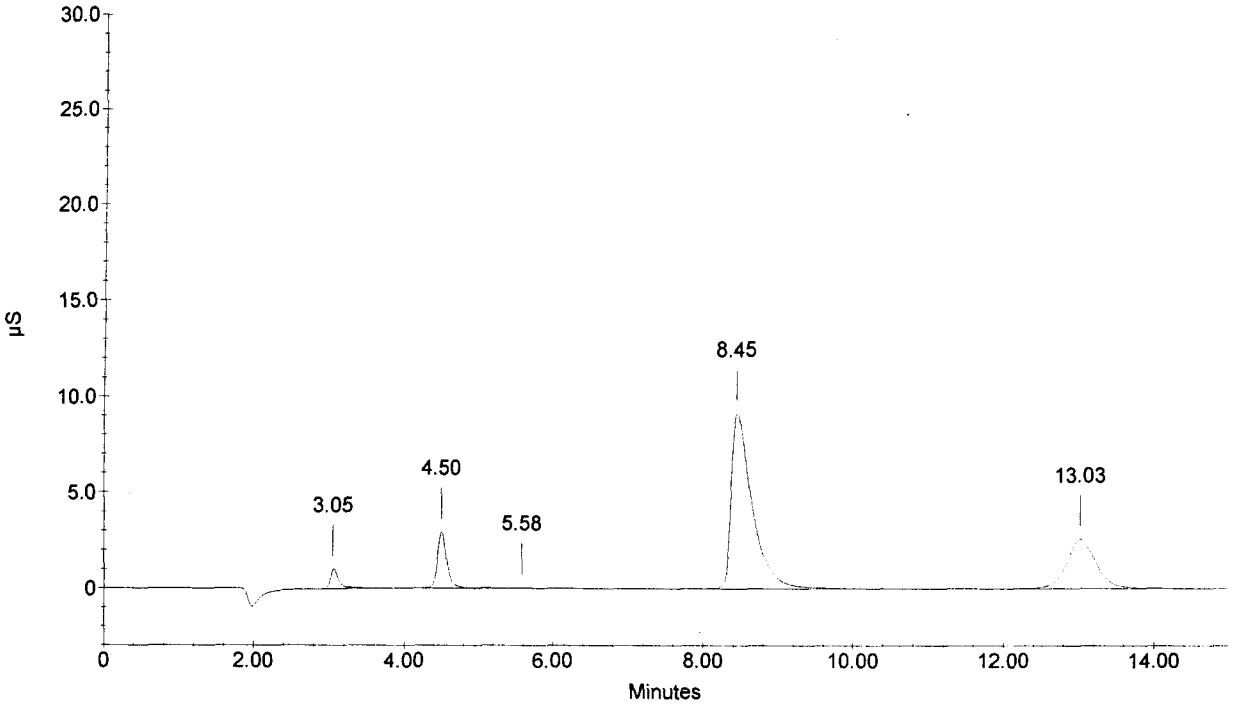
Date Time Collected : 8/28/06 11:18:50 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010054

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.390	10226	79313	1	-1.29
2	4.50	CHLORIDE	1.759	29136	261089	2	-0.44
3	5.58	NITRITE-N	0.093	388	5449	2	0.96
		BROMIDE					
4	8.45	NITRATE-N	4.615	91090	1774356	1	3.05
		PHOSPHATE-P					
5	13.03	SULFATE	6.817	25595	704644	1	-0.20
			---total(s)---				
	0.00		13.674		2824850		

284103D



Sample Name : 284103S
Dilution Factor : 1.00
Injection Number : 5
Data File Name : C:\PEAKNET\DATA\060828\060828_005.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

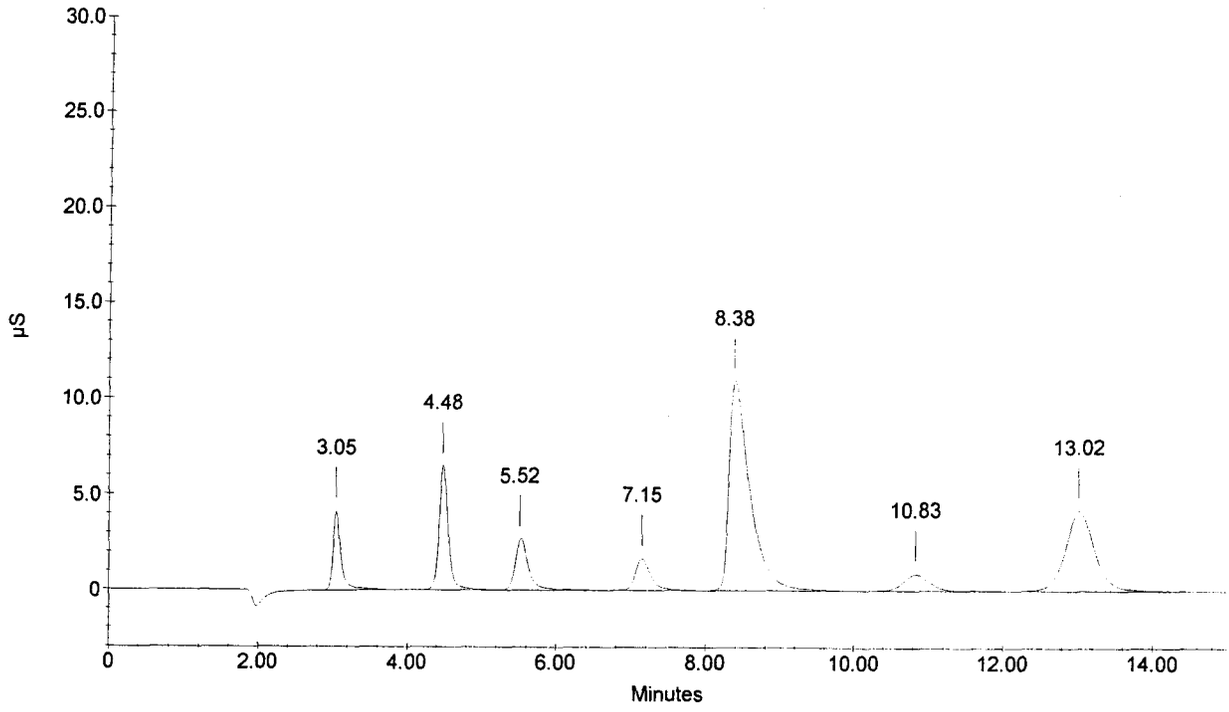
Date Time Collected : 8/28/06 11:36:32 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010055

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	1.290	41301	310684	1	-1.29
2	4.48	CHLORIDE	3.706	64427	565151	2	-0.81
3	5.52	NITRITE-N	1.038	26452	336694	2	-0.24
4	7.15	BROMIDE	3.981	16733	244149	1	0.99
5	8.38	NITRATE-N	5.464	108843	2114796	1	2.24
6	10.83	PHOSPHATE-P	1.844	9032	225492	1	0.31
7	13.02	SULFATE	10.828	41978	1145334	1	-0.33
	0.00		---total(s)--- 28.150		4942301		

284103S



Sample Name : 284104
Dilution Factor : 1.00
Injection Number : 6
Data File Name : C:\PEAKNET\DATA\060828\060828_006.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

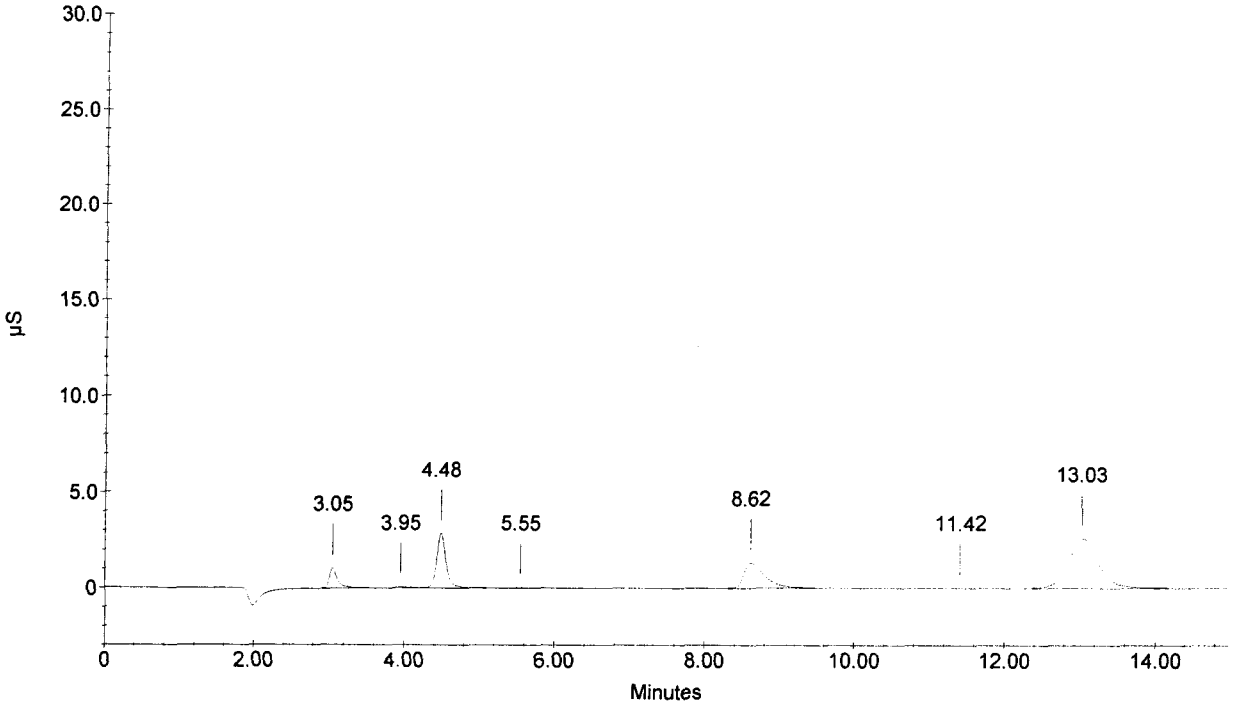
Date Time Collected : 8/28/06 11:54:26 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010056

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.401	10481	82180	1	-1.29
3	4.48	CHLORIDE	1.690	28375	250384	2	-0.81
4	5.55	NITRITE-N	0.082	167	1600	1	0.36
		BROMIDE					
5	8.62	NITRATE-N	0.682	13092	254493	1	5.08
6	11.42	PHOSPHATE-P	0.045	131	2872	1	5.71
7	13.03	SULFATE	6.863	25808	709649	1	-0.20
			---total(s)---				
	0.00		9.763		1301179		

284104



Sample Name : 284105
Dilution Factor : 1.00
Injection Number : 7
Data File Name : C:\PEAKNET\DATA\060828\060828_007.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

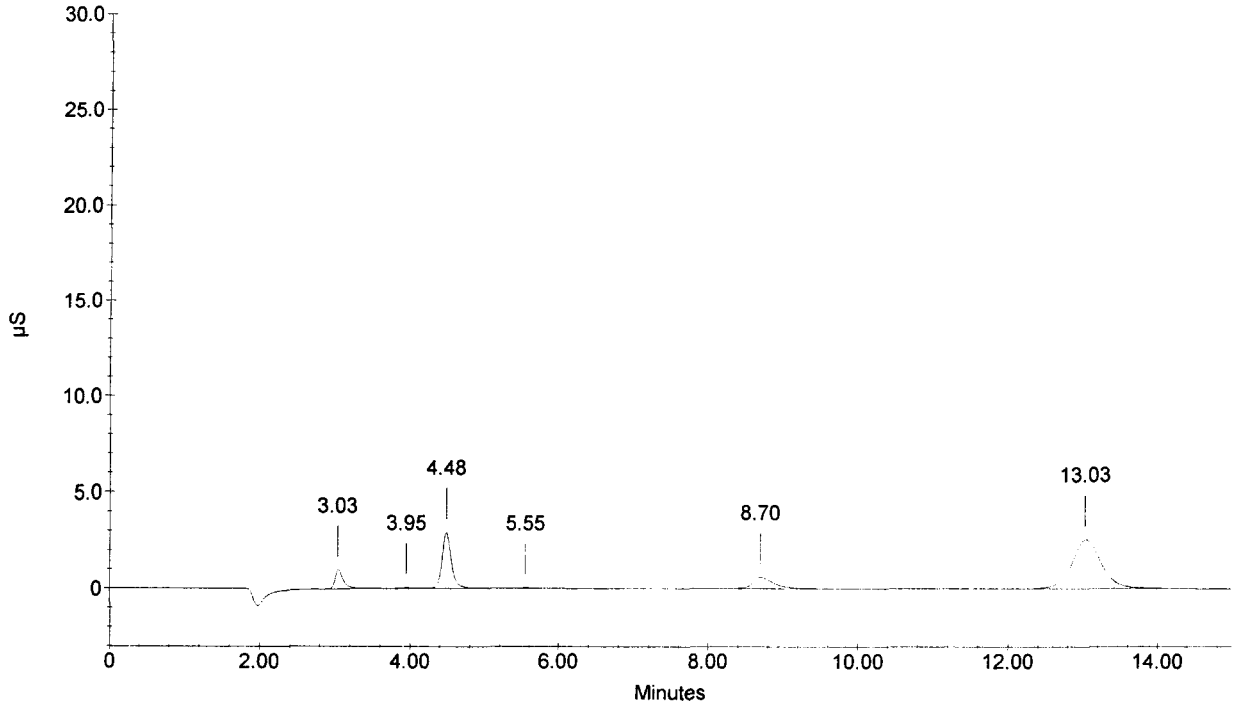
Date Time Collected : 8/28/06 12:12:19 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010057

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	0.380 ✓	9857	76816	1	-1.83
3	4.48	CHLORIDE	1.728 ✓	28973	256268	2	-0.81
4	5.55	NITRITE-N	0.087 ✓	341	3489	1	0.36
		BROMIDE	✓				
5	8.70	NITRATE-N	0.297 ✓	5676	110523	1	6.10
		PHOSPHATE-P	✓				
6	13.03	SULFATE	6.671 ✓	25273	689013	1	-0.20
			---total(s)---				
	0.00		9.164		1136109		

284105



Sample Name : 284106
Dilution Factor : 1.00
Injection Number : 8
Data File Name : C:\PEAKNET\DATA\060828\060828_008.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

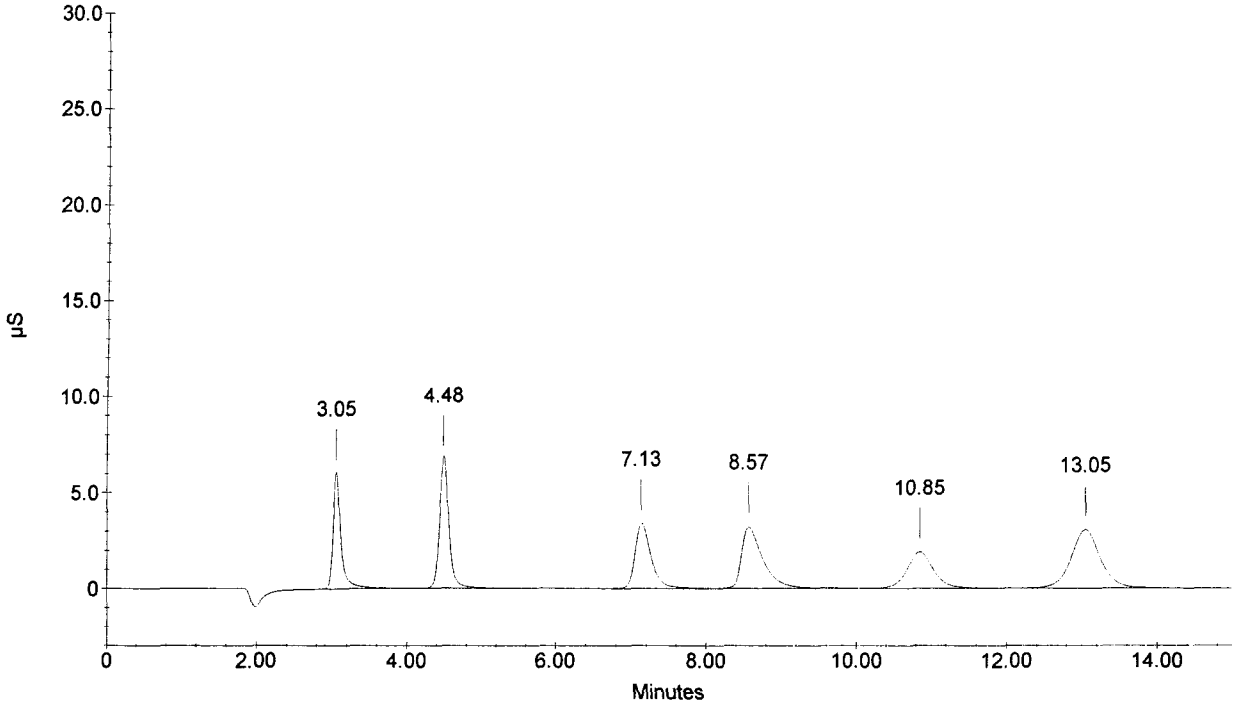
Date Time Collected : 8/28/06 12:30:13 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010058

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	1.833 ✓	60053	450720	1	-1.29
2	4.48	CHLORIDE	3.913 ✓	66947	597963	1	-0.81
		NITRITE-N	✓				
3	7.13	BROMIDE	8.062 ✓	34051	503357	2	0.75
4	8.57	NITRATE-N	1.698 ✓	32248	638497	2	4.47
5	10.85	PHOSPHATE-P	3.842 ✓	18997	479521	2	0.46
6	13.05	SULFATE	8.047 ✓	30746	837689	2	-0.08
			---total(s)---				
	0.00		27.395		3507746		

284106



Sample Name : 284107
Dilution Factor : 1.00
Injection Number : 9
Data File Name : C:\PEAKNET\DATA\060828\060828_009.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

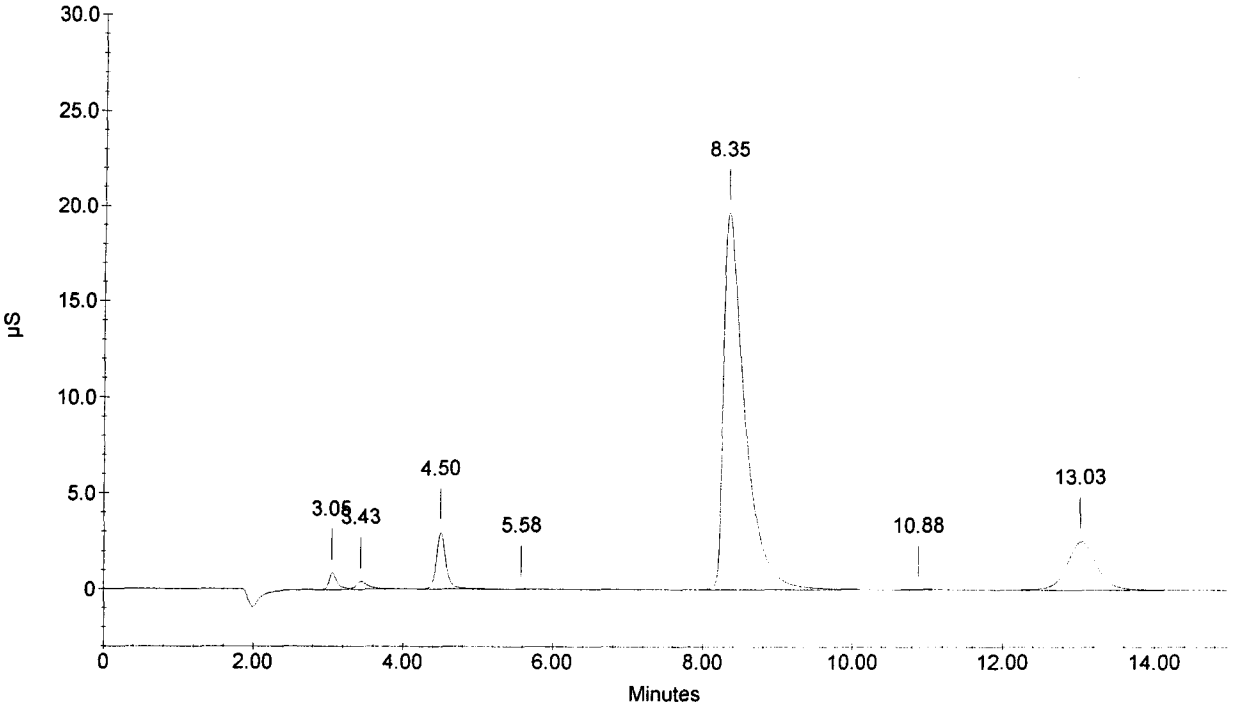
Date Time Collected : 8/28/06 12:47:56 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010059

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.350 ✓	8870	69024	2	-1.29
3	4.50	CHLORIDE	1.786 ✓	29564	265306	1	-0.44
4	5.58	NITRITE-N	0.083 ✓	182	1851	1	0.96
		BROMIDE	✓				
5	8.35	NITRATE-N	9.627 ✓	196770	3861525	1	1.83
6	10.88	PHOSPHATE-P	0.067 ✓	282	5460	1	0.77
7	13.03	SULFATE	6.789 ✓	25681	701646	1	-0.20
			---total(s)---				
	0.00		18.702		4904812		

284107



Sample Name : 284108
Dilution Factor : 1.00
Injection Number : 10
Data File Name : C:\PEAKNET\DATA\060828\060828_010.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

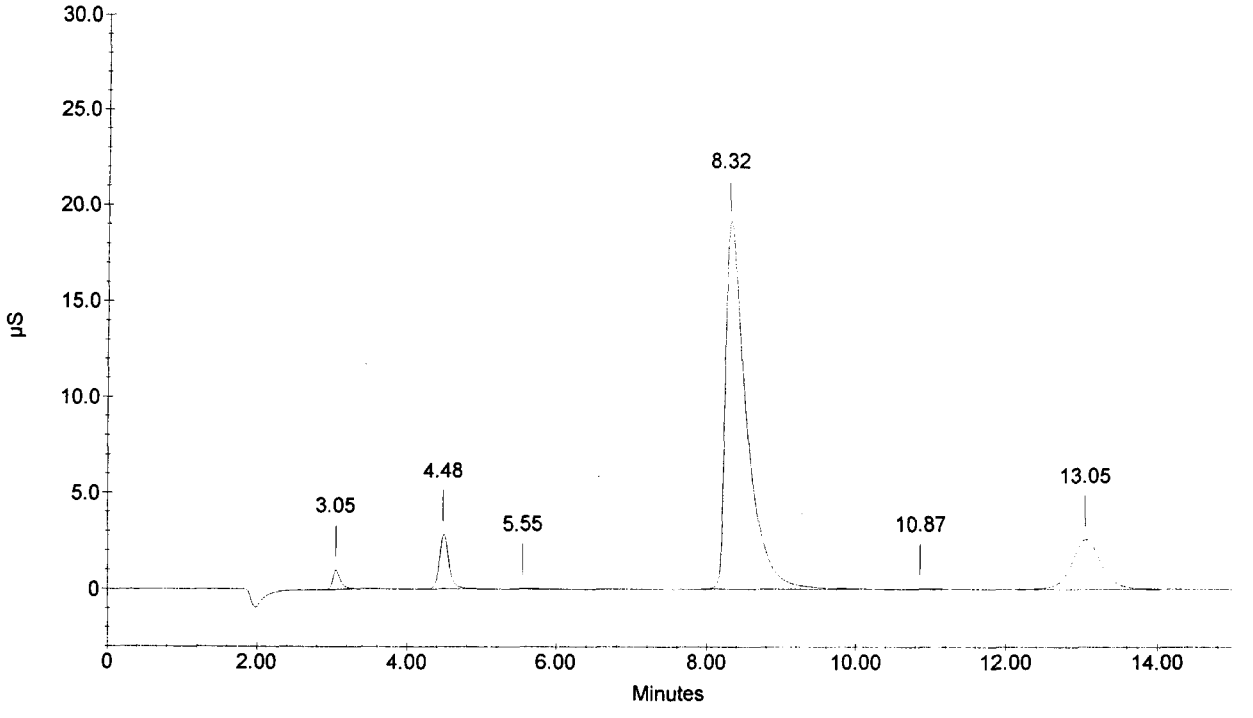
Date Time Collected : 8/28/06 1:05:39 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010060

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.362 ✓	10034	72115	1	-1.29
2	4.48	CHLORIDE	1.718 ✓	28110	254802	2	-0.81
3	5.55	NITRITE-N	0.090 ✓	328	4433	2	0.36
		BROMIDE	✓				
4	8.32	NITRATE-N	9.361 ✓	189517	3745779	1	1.42
5	10.87	PHOSPHATE-P	0.059 ✓	223	4558	1	0.62
6	13.05	SULFATE	6.814 ✓	25700	704402	1	-0.08
			---total(s)---				
	0.00		18.405		4786090		

284108



Sample Name : 284109
Dilution Factor : 1.00
Injection Number : 11
Data File Name : C:\PEAKNET\DATA\060828\060828_011.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

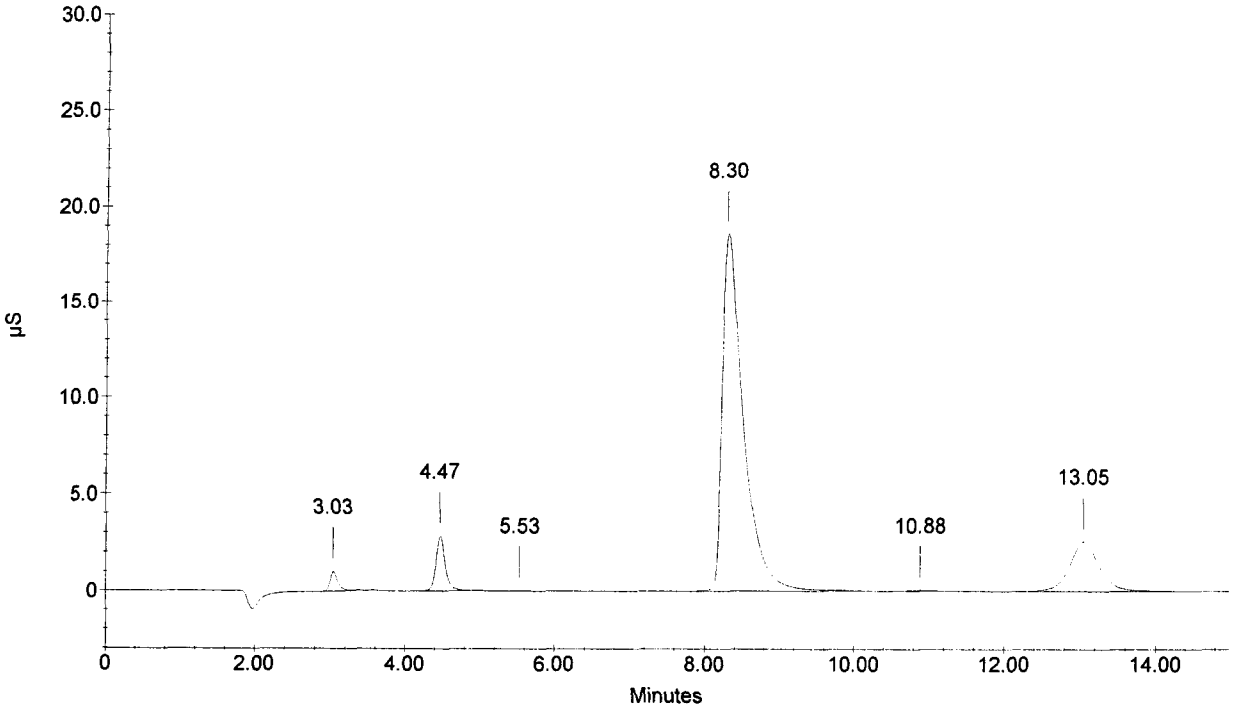
Date Time Collected : 8/28/06 1:23:26 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010061

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	0.371	10156	74388	1	-1.83
2	4.47	CHLORIDE	1.668	28119	247064	1	-1.18
3	5.53	NITRITE-N	0.084	224	2295	1	0.06
		BROMIDE					
4	8.30	NITRATE-N	9.109	185555	3636553	1	1.22
5	10.88	PHOSPHATE-P	0.080	310	7073	1	0.77
6	13.05	SULFATE	6.810	25658	703905	1	-0.08
			---total(s)---				
	0.00		18.121		4671278		

284109



Sample Name : 284110
Dilution Factor : 1.00
Injection Number : 12
Data File Name : C:\PEAKNET\DATA\060828\060828_012.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

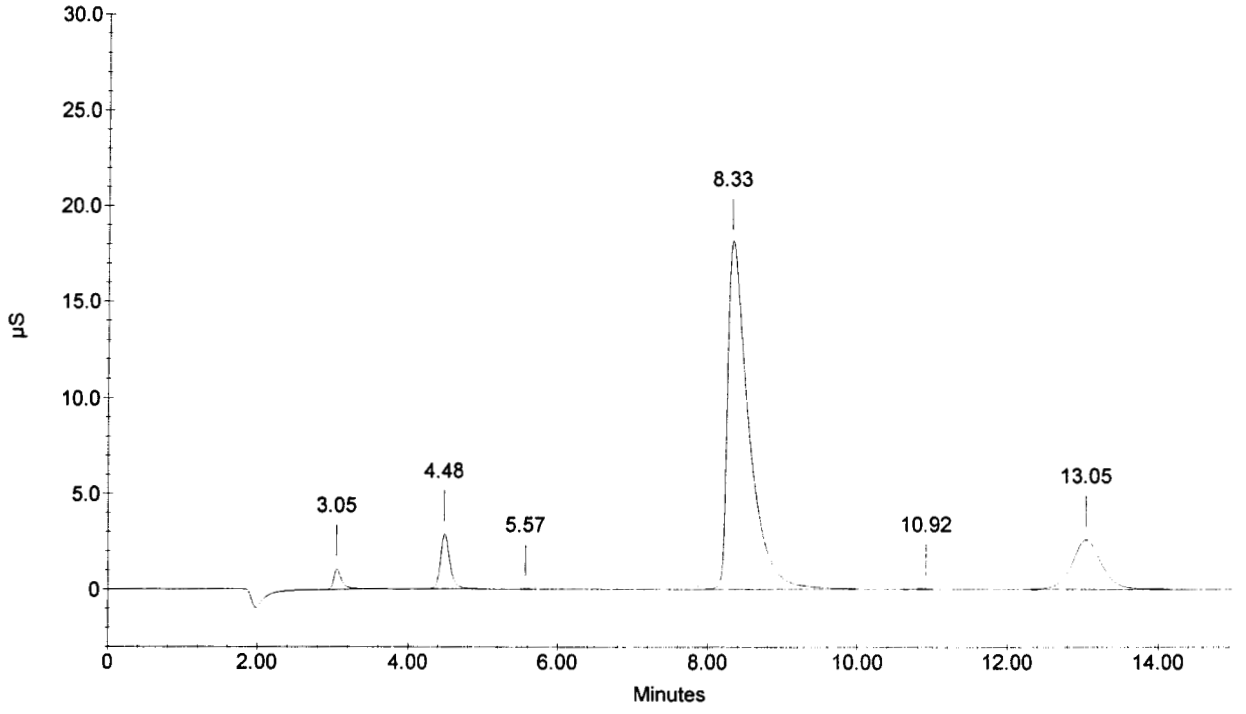
Date Time Collected : 8/28/06 1:41:12 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010062

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.390	10584	79333	1	-1.29
2	4.48	CHLORIDE	1.716	28481	254475	1	-0.81
3	5.57	NITRITE-N	0.083	190	1865	1	0.66
		BROMIDE					
4	8.33	NITRATE-N	8.907	180316	3549397	1	1.63
5	10.92	PHOSPHATE-P	0.046	169	2959	1	1.08
6	13.05	SULFATE	6.800	25673	702832	1	-0.08
			---total(s)---				
	0.00		17.942		4590861		

284110



Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 13
Data File Name : C:\PEAKNET\DATA\060828\060828_013.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

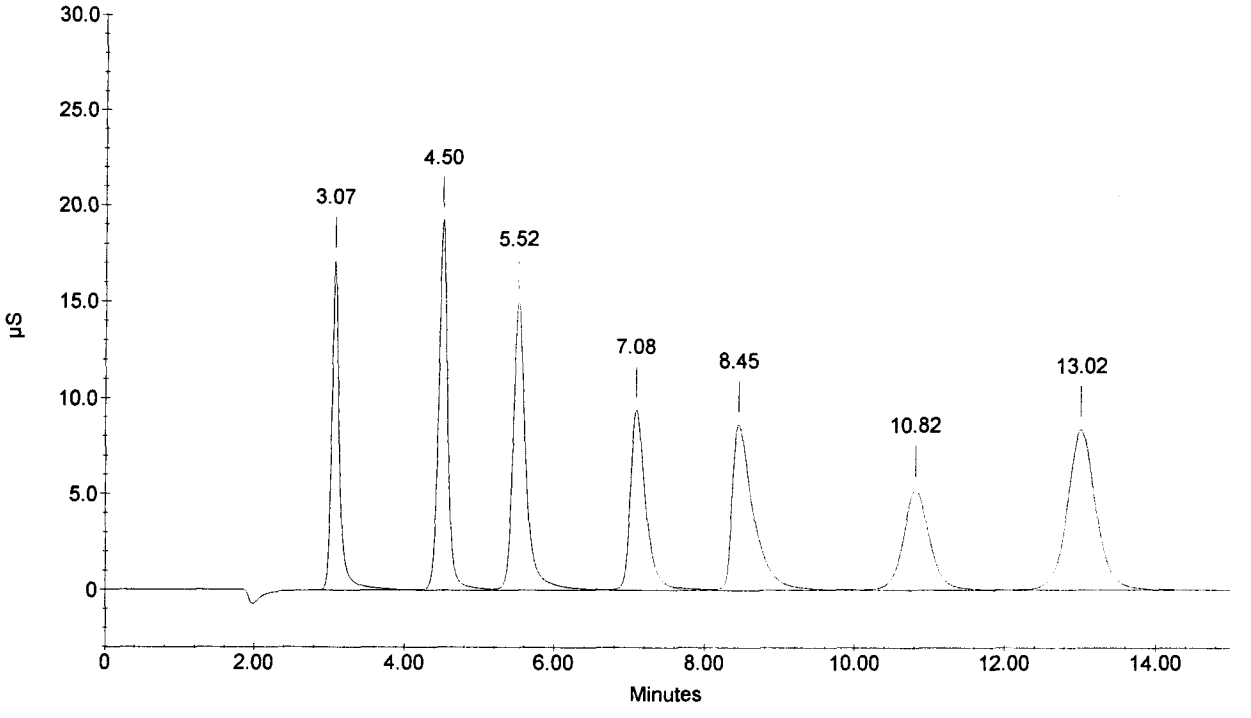
Date Time Collected : 8/28/06 1:58:58 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010063

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.07	FLUORIDE	97.200	170965	1235491	2	-0.76
2	4.50	CHLORIDE	203.921	191771	1645287	2	-0.44
3	5.52	NITRITE-N	104.218	149187	1816632	2	-0.24
4	7.08	BROMIDE	410.037	93463	1351966	2	0.05
5	8.45	NITRATE-N	88.472	86038	1698058	2	3.05
6	10.82	PHOSPHATE-P	194.706	52398	1275238	2	0.15
7	13.02	SULFATE	395.648	83377	2211802	2	-0.33
	0.00		---total(s)--- 1494.204		11234475		

CCV



Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 14
Data File Name : C:\PEAKNET\DATA\060828\060828_014.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

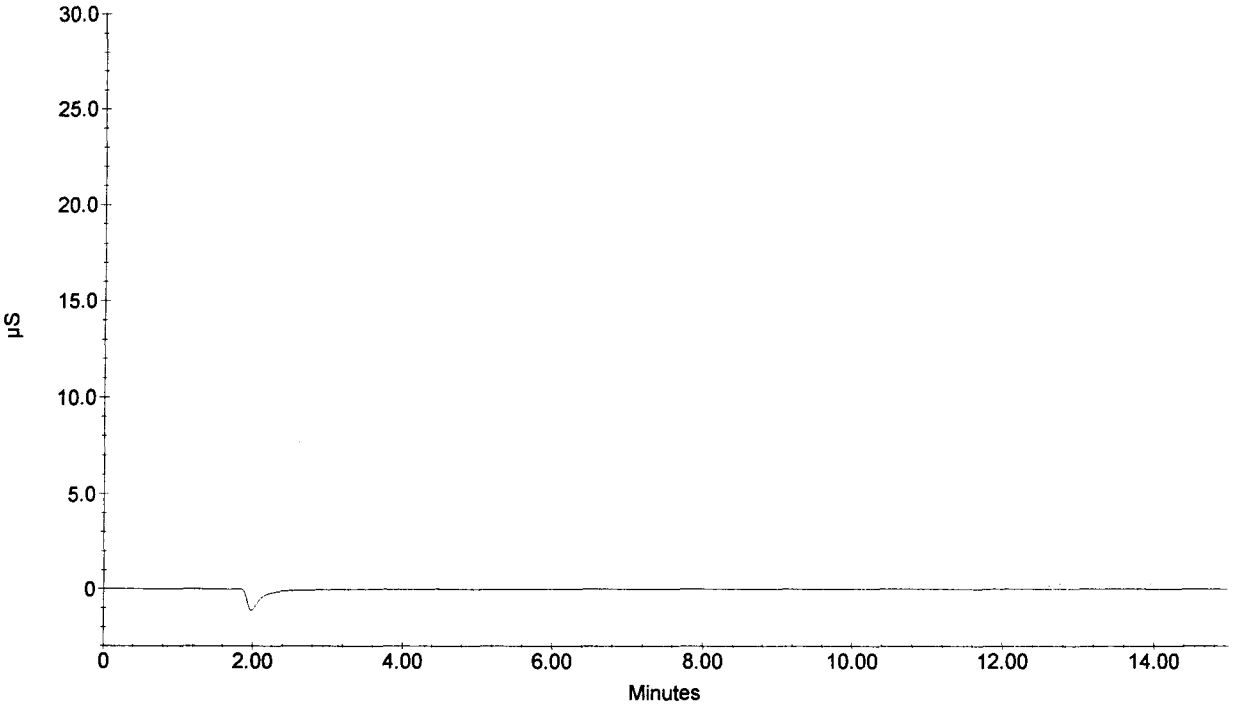
Date Time Collected : 8/28/06 2:16:36 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010064

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	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					
			---total(s)---				
	0.00		0.000		0		

CCB



Sample Name : 284111
Dilution Factor : 1.00
Injection Number : 15
Data File Name : C:\PEAKNET\DATA\060828\060828_015.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

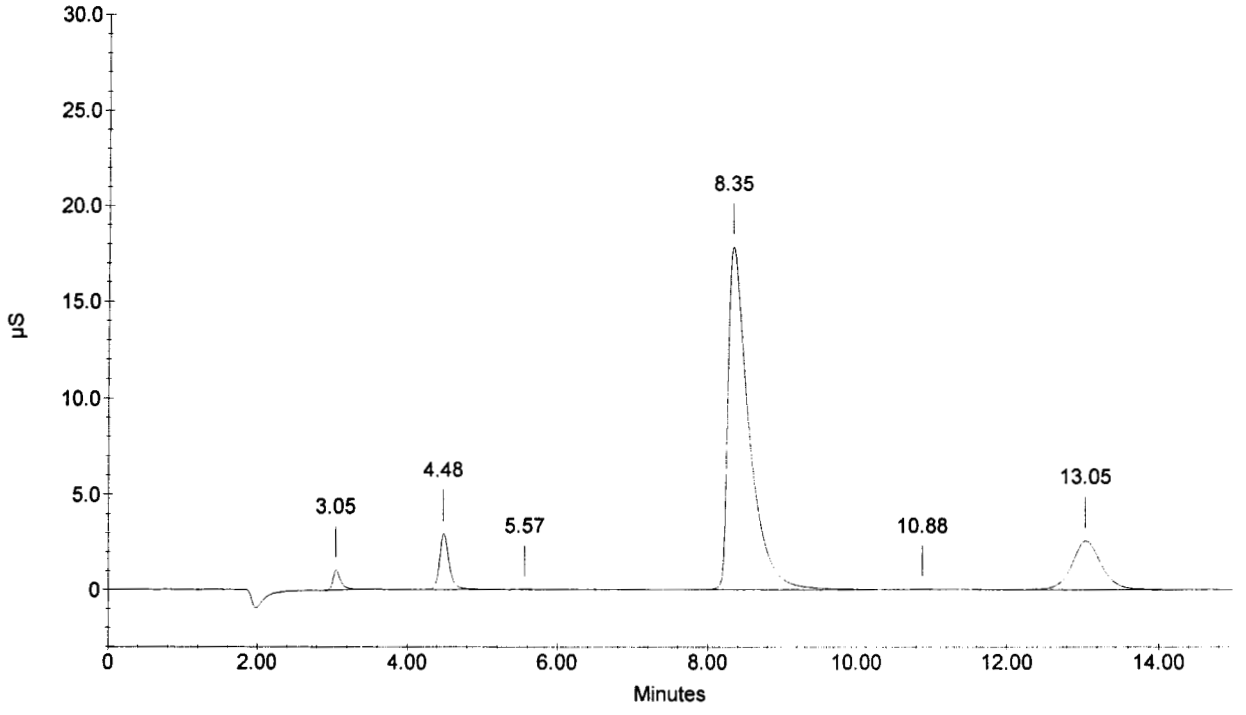
Date Time Collected : 8/28/06 2:34:18 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010065

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.379	10602	76428	1	-1.29
2	4.48	CHLORIDE	1.767	29360	262248	1	-0.81
3	5.57	NITRITE-N	0.085	253	2747	1	0.66
		BROMIDE					
4	8.35	NITRATE-N	8.778	178103	3494307	2	1.83
5	10.88	PHOSPHATE-P	0.064	256	5133	2	0.77
6	13.05	SULFATE	6.755	25828	698051	1	-0.08
			---total(s)---				
	0.00		17.828		4538914		

284111



Sample Name : 284112
Dilution Factor : 1.00
Injection Number : 16
Data File Name : C:\PEAKNET\DATA\060828\060828_016.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

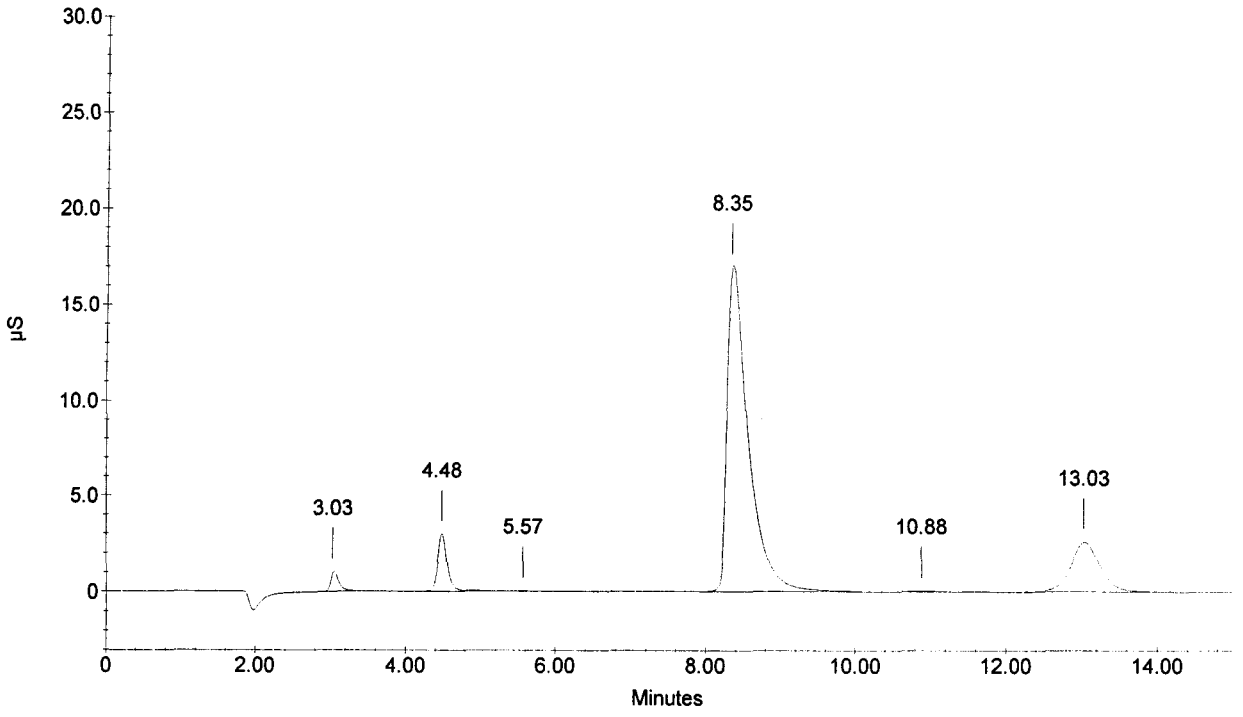
Date Time Collected : 8/28/06 2:52:02 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010066

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	0.379 ✓	10007	76373	1	-1.83
2	4.48	CHLORIDE	1.773 ✓	29684	263269	1	-0.81
3	5.57	NITRITE-N	0.083 ✓	189	2036	1	0.66
		BROMIDE	✓				
4	8.35	NITRATE-N	8.441 ✓	169437	3350093	1	1.83
5	10.88	PHOSPHATE-P	0.052 ✓	178	3634	1	0.77
6	13.03	SULFATE	6.755 ✓	25696	698035	1	-0.20
	0.00		---total(s)--- 17.483		4393441		

284112



Sample Name : 284113
Dilution Factor : 1.00
Injection Number : 17
Data File Name : C:\PEAKNET\DATA\060828\060828_017.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

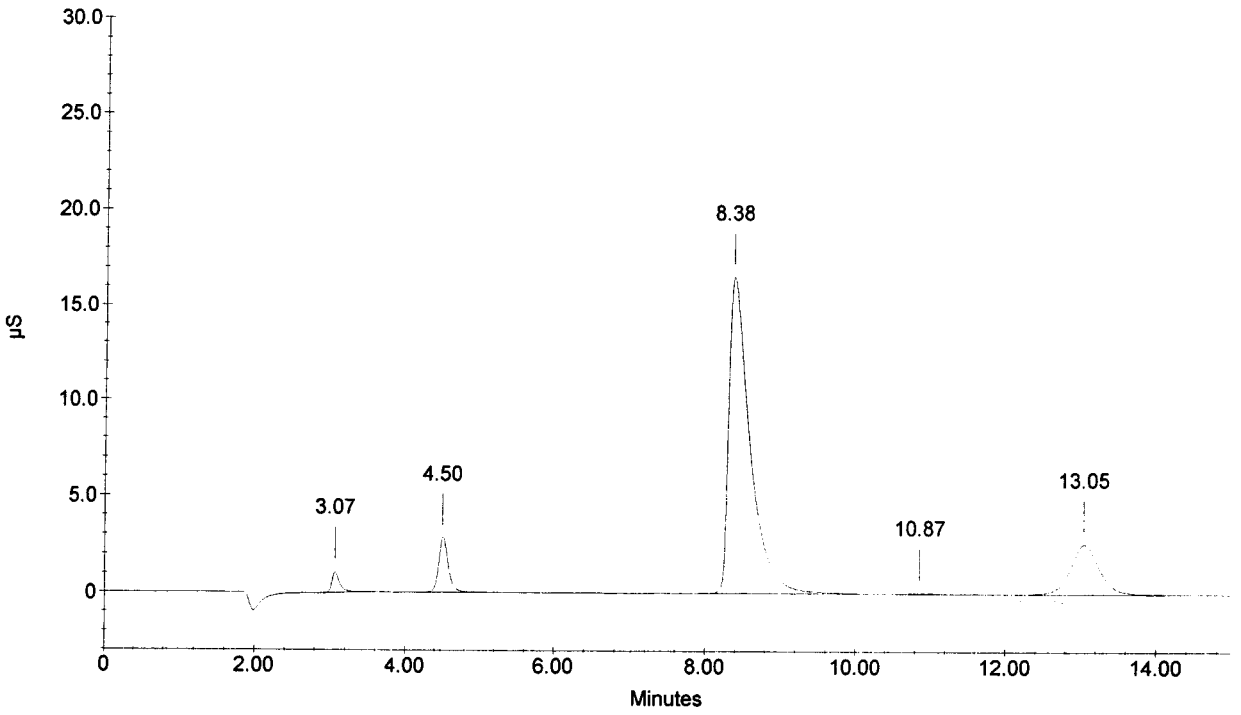
Date Time Collected : 8/28/06 3:09:46 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010067

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.07	FLUORIDE	0.392	10702	79847	1	-0.76
2	4.50	CHLORIDE	1.695	27854	251155	1	-0.44
		NITRITE-N					
		BROMIDE					
3	8.38	NITRATE-N	8.180	165179	3238979	1	2.24
4	10.87	PHOSPHATE-P	0.052	179	3694	1	0.62
5	13.05	SULFATE	6.761	25614	698700	1	-0.08
	0.00		---total(s)--- 17.080		4272374		

284113



Sample Name : 284114
Dilution Factor : 1.00
Injection Number : 18
Data File Name : C:\PEAKNET\DATA\060828\060828_018.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

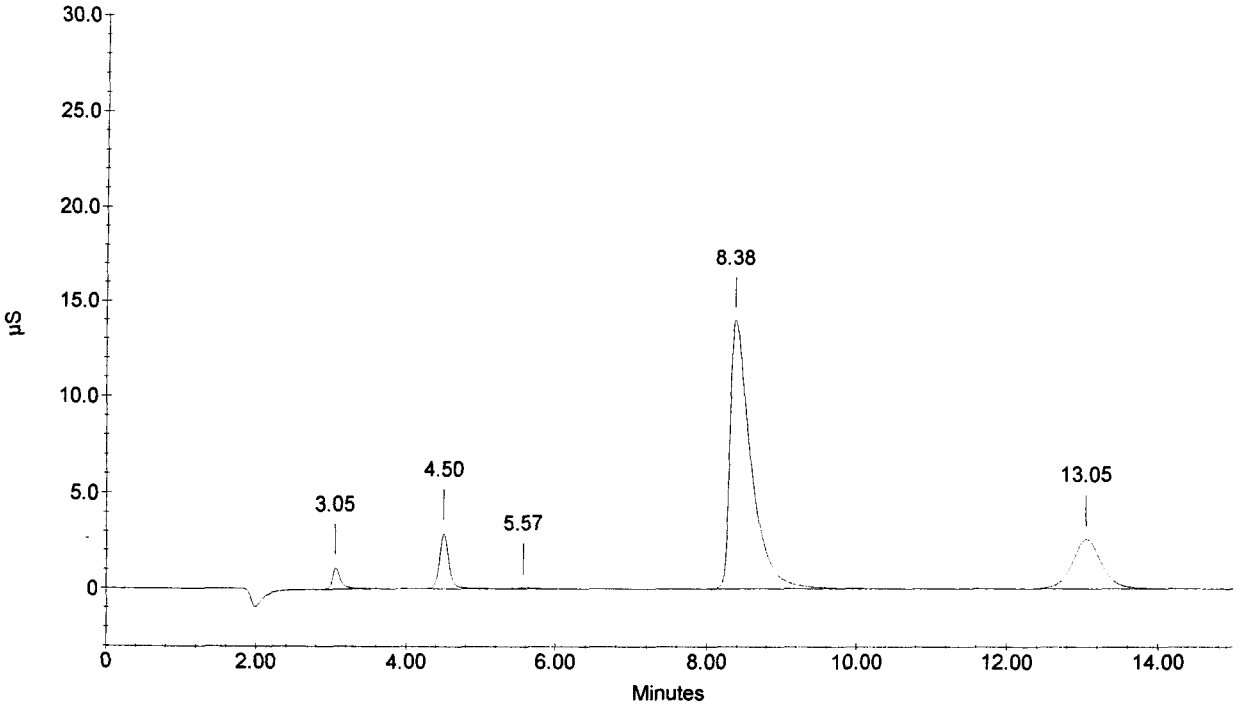
Date Time Collected : 8/28/06 3:27:33 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010068

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.416	10735	85992	1	-1.29
2	4.50	CHLORIDE	1.700	28535	251960	1	-0.44
3	5.57	NITRITE-N	0.100	681	7862	1	0.66
		BROMIDE					
4	8.38	NITRATE-N	6.954	139435	2724773	1	2.24
		PHOSPHATE-P					
5	13.05	SULFATE	6.764	25741	698981	1	-0.08
			---total(s)---				
	0.00		15.933		3769568		

284114



Sample Name : 284115
Dilution Factor : 1.00
Injection Number : 19
Data File Name : C:\PEAKNET\DATA\060828\060828_019.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

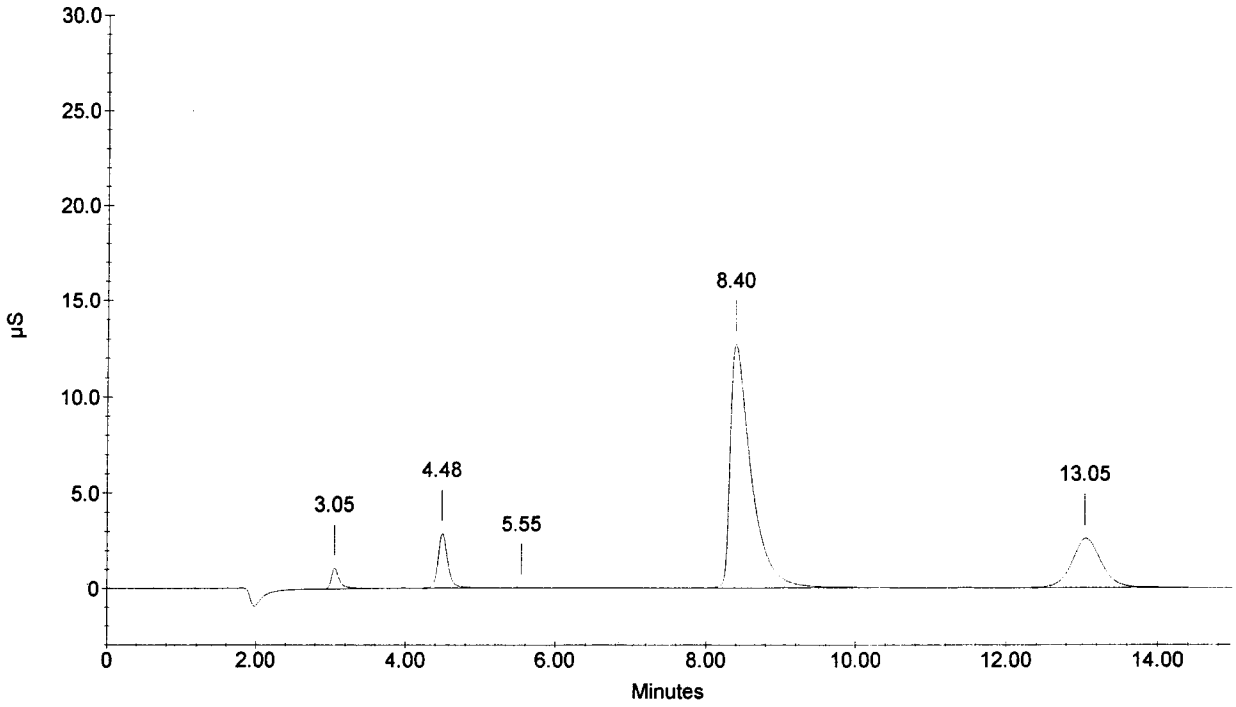
Date Time Collected : 8/28/06 3:45:19 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010069

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.415	10972	85816	1	-1.29
2	4.48	CHLORIDE	1.721	28484	255202	1	-0.81
3	5.55	NITRITE-N	0.084	224	2351	1	0.36
		BROMIDE					
4	8.40	NITRATE-N	6.363	126725	2481208	1	2.44
		PHOSPHATE-P					
5	13.05	SULFATE	6.790	25890	701815	1	-0.08
			---total(s)---				
	0.00		15.374		3526392		

284115



Sample Name : 284116
Dilution Factor : 1.00
Injection Number : 20
Data File Name : C:\PEAKNET\DATA\060828\060828_020.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

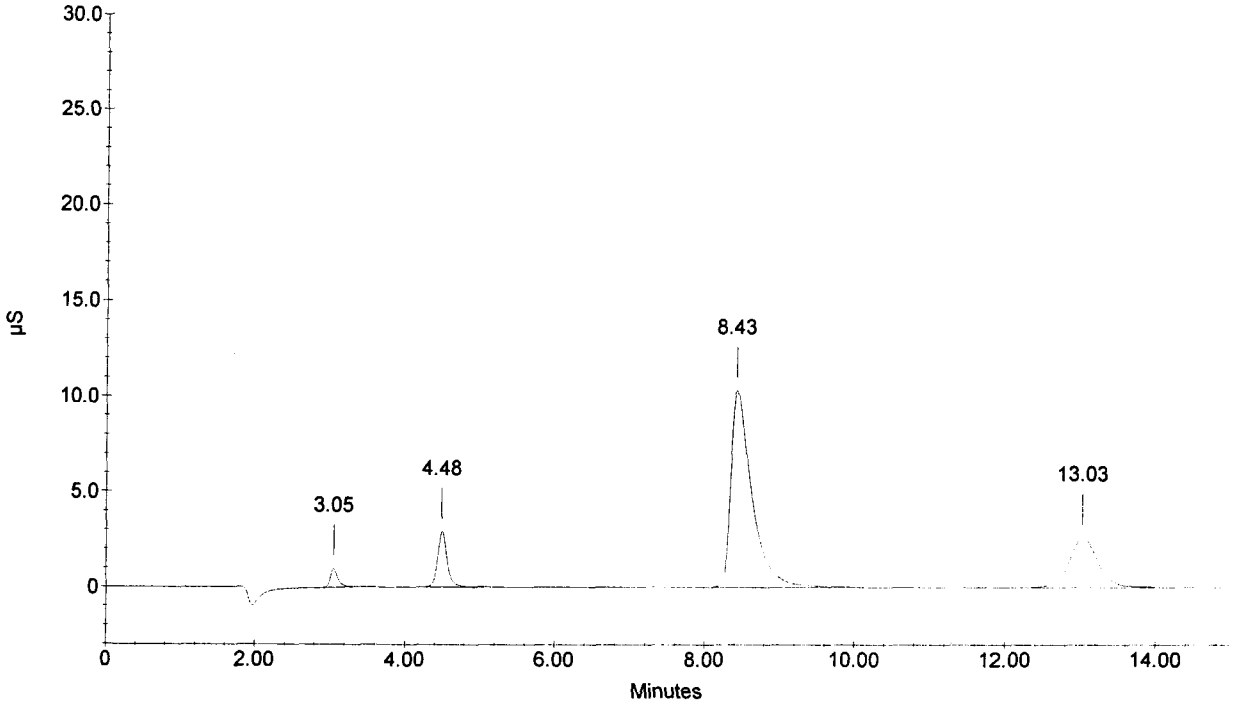
Date Time Collected : 8/28/06 4:03:09 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010070

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.355	9885	70284	1	-1.29
2	4.48	CHLORIDE	1.744	28896	258728	1	-0.81
		NITRITE-N					
		BROMIDE					
3	8.43	NITRATE-N	5.177	102561	1999127	1	2.85
		PHOSPHATE-P					
4	13.03	SULFATE	6.849	25974	708160	1	-0.20
			---total(s)---				
	0.00		14.125		3036299		

284116



Sample Name : 284117
Dilution Factor : 1.00
Injection Number : 21
Data File Name : C:\PEAKNET\DATA\060828\060828_021.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

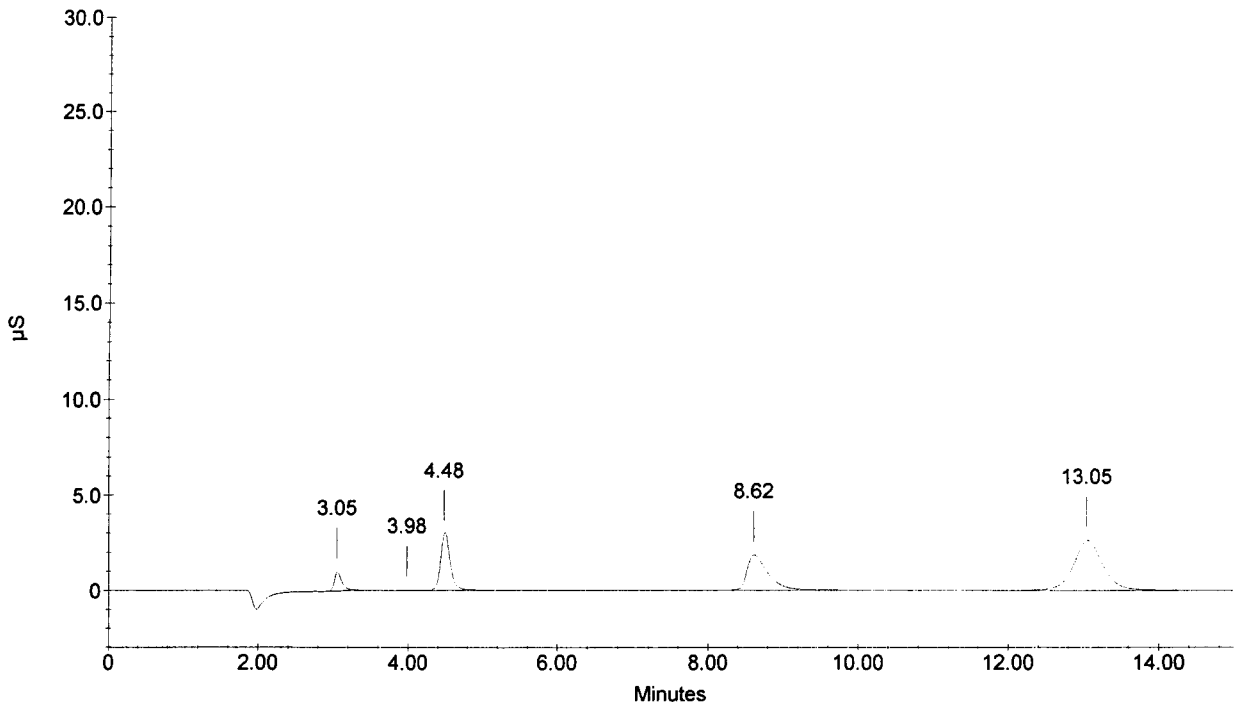
Date Time Collected : 8/28/06 4:20:55 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010071

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.362 ✓	9957	72145	1	-1.29
3	4.48	CHLORIDE	1.796 ✓	29407	266839	2	-0.81
		NITRITE-N	✓				
		BROMIDE	✓				
4	8.62	NITRATE-N	0.966 ✓	18499	361144	1	5.08
		PHOSPHATE-P	✓				
5	13.05	SULFATE	6.930 ✓	26229	716834	1	-0.08
			---total(s)---				
	0.00		10.054		1416962		

284117



Sample Name : 284118
Dilution Factor : 1.00
Injection Number : 22
Data File Name : C:\PEAKNET\DATA\060828\060828_022.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

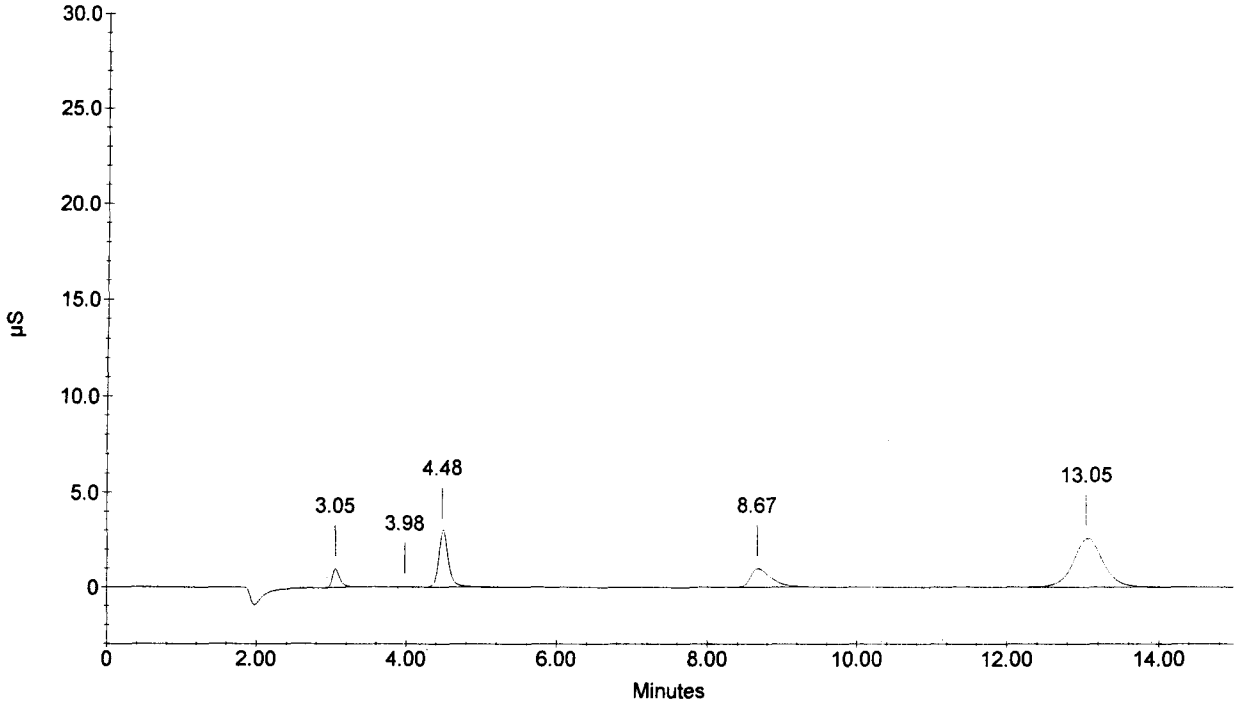
Date Time Collected : 8/28/06 4:38:43 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010072

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.357	9823	70812	1	-1.29
3	4.48	CHLORIDE	1.819	29379	270413	2	-0.81
		NITRITE-N					
		BROMIDE					
4	8.67	NITRATE-N	0.509	9831	189830	1	5.69
		PHOSPHATE-P					
5	13.05	SULFATE	6.824	25827	705386	1	-0.08
			---total(s)---				
	0.00		9.509		1236442		

284118



Sample Name : 284119
Dilution Factor : 1.00
Injection Number : 23
Data File Name : C:\PEAKNET\DATA\060828\060828_023.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

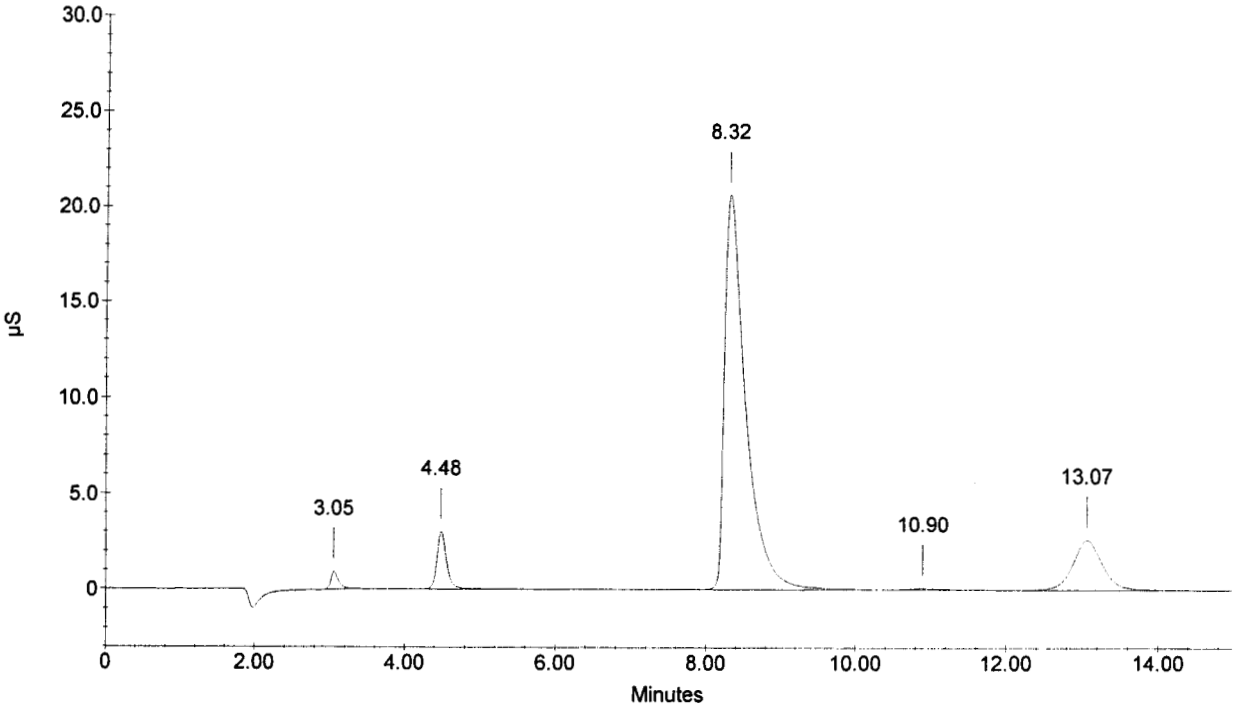
Date Time Collected : 8/28/06 4:56:32 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010073

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.341	9233	66665	1	-1.29
2	4.48	CHLORIDE	1.791	29827	266004	1	-0.81
		NITRITE-N					
		BROMIDE					
3	8.32	NITRATE-N	10.092	205986	4065042	1	1.42
4	10.90	PHOSPHATE-P	0.133	630	13628	1	0.93
5	13.07	SULFATE	6.835	26047	706626	1	0.05
	0.00		---total(s)--- 19.192		5117965		

284119



Sample Name : 284120
Dilution Factor : 1.00
Injection Number : 24
Data File Name : C:\PEAKNET\DATA\060828\060828_024.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

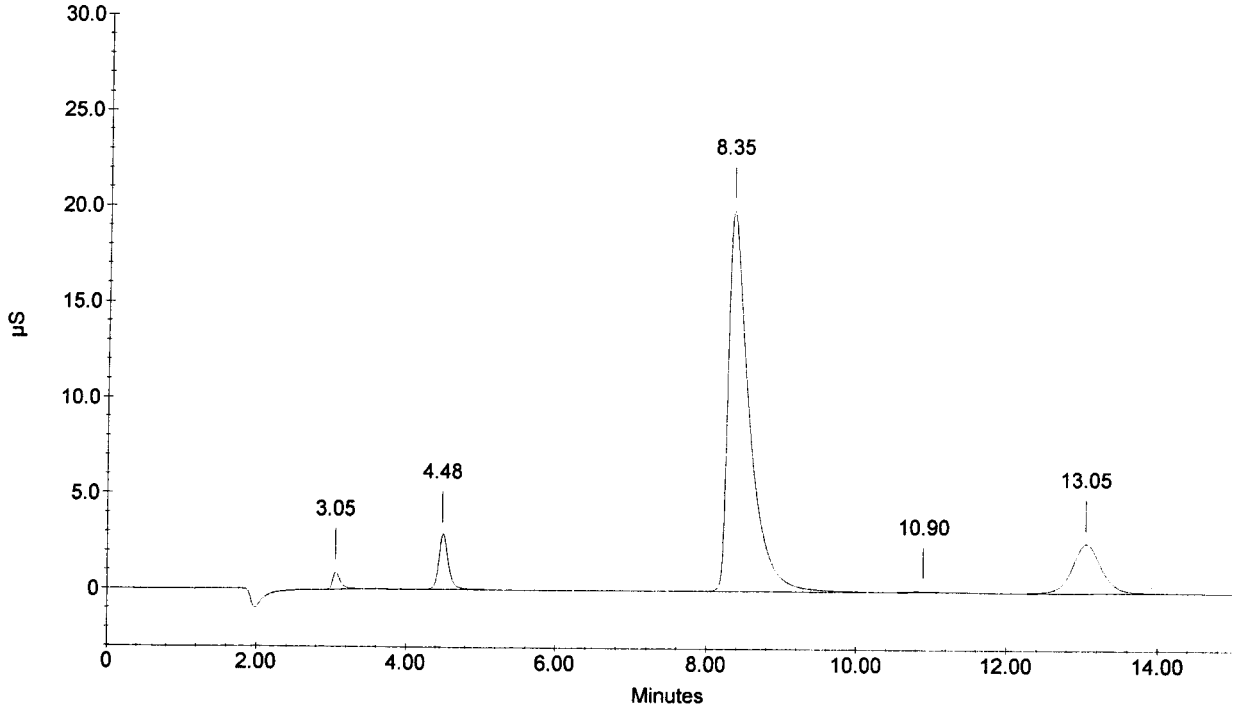
Date Time Collected : 8/28/06 5:14:20 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010074

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.334	8889	64828	1	-1.29
2	4.48	CHLORIDE	1.747	28231	259179	1	-0.81
		NITRITE-N					
		BROMIDE					
3	8.35	NITRATE-N	9.726	198500	3904579	1	1.83
4	10.90	PHOSPHATE-P	0.107	481	10412	1	0.93
5	13.05	SULFATE	6.793	25786	702123	1	-0.08
			---total(s)---				
	0.00		18.707		4941120		

284120



Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 25
Data File Name : C:\PEAKNET\DATA\060828\060828_025.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

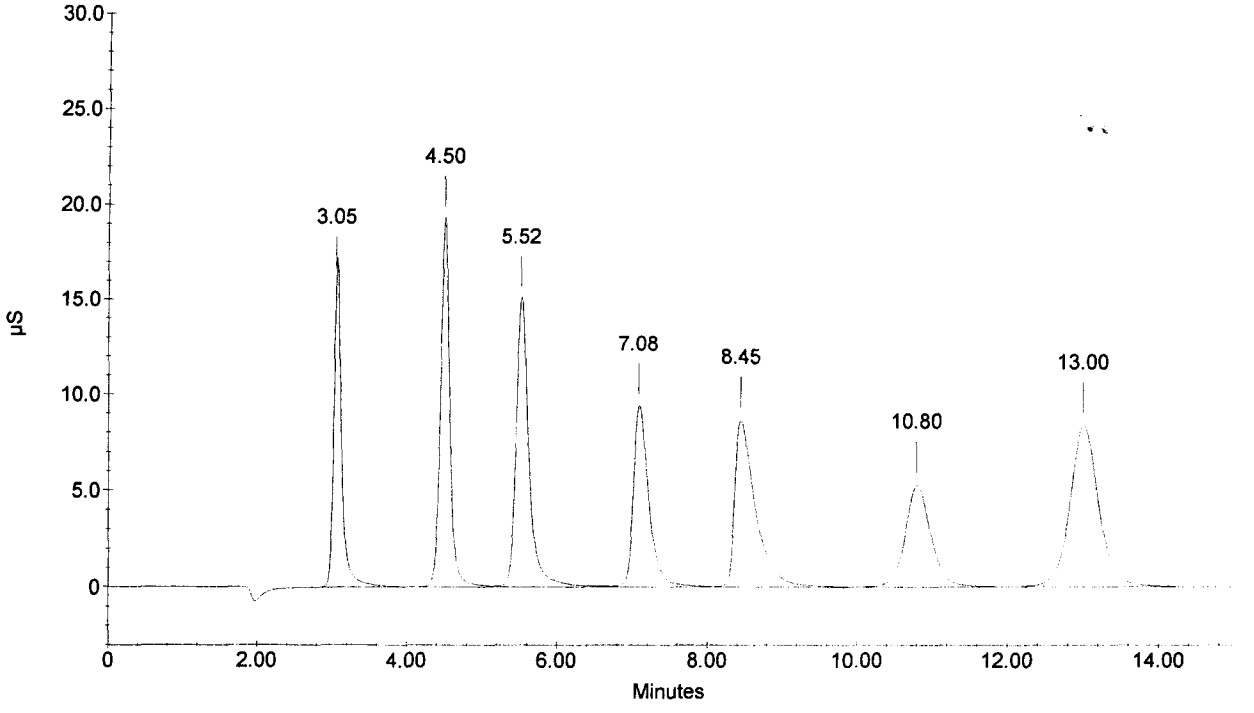
Date Time Collected : 8/28/06 5:32:08 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010075

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	97.189	160142	1235345	1	-1.29
2	4.50	CHLORIDE	203.466	191644	1641297	2	-0.44
3	5.52	NITRITE-N	104.349	149615	1818973	2	-0.24
4	7.08	BROMIDE	406.398	92959	1338818	2	0.05
5	8.45	NITRATE-N	87.278	86091	1674361	2	3.05
6	10.80	PHOSPHATE-P	193.152	52345	1264229	2	0.00
7	13.00	SULFATE	396.231	83216	2215493	2	-0.46
			---total(s)---				
	0.00		1488.063		11188514		

CCV



Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 26
Data File Name : C:\PEAKNET\DATA\060828\060828_026.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

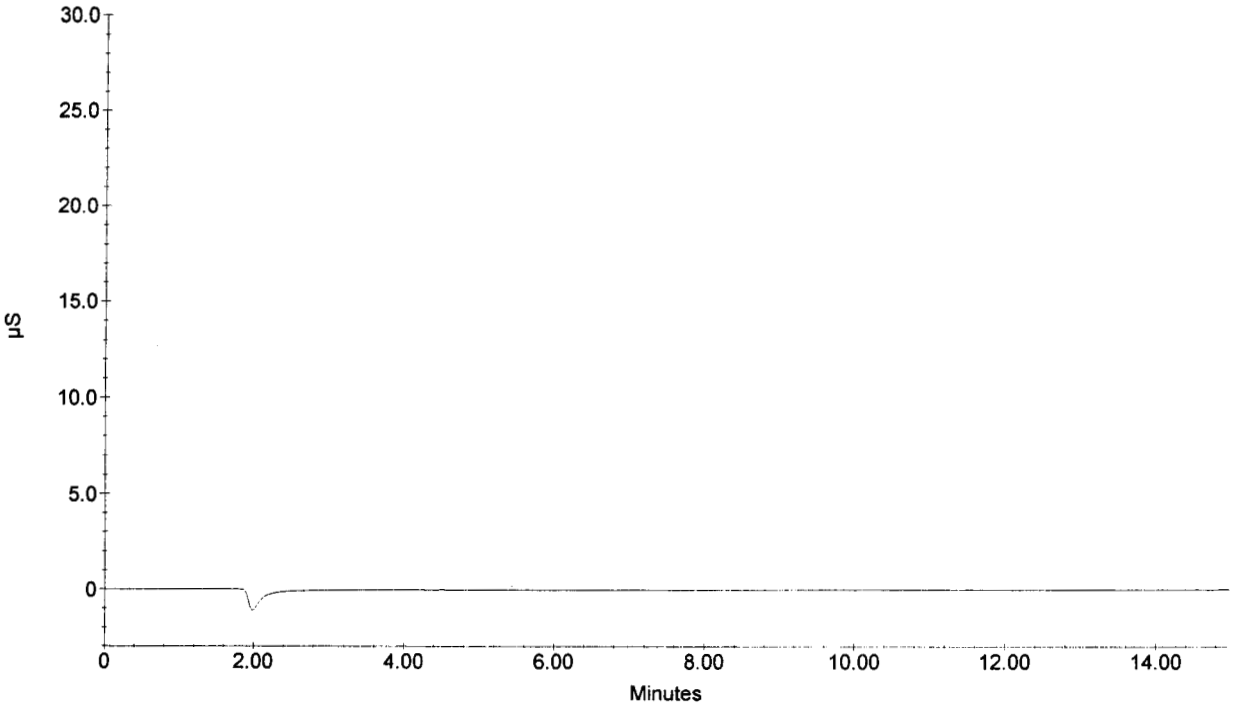
Date Time Collected : 8/28/06 5:49:57 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010076

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	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					
			---total(s)---				
	0.00		0.000		0		

CCB



Sample Name : 284121
Dilution Factor : 1.00
Injection Number : 27
Data File Name : C:\PEAKNET\DATA\060828\060828_027.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

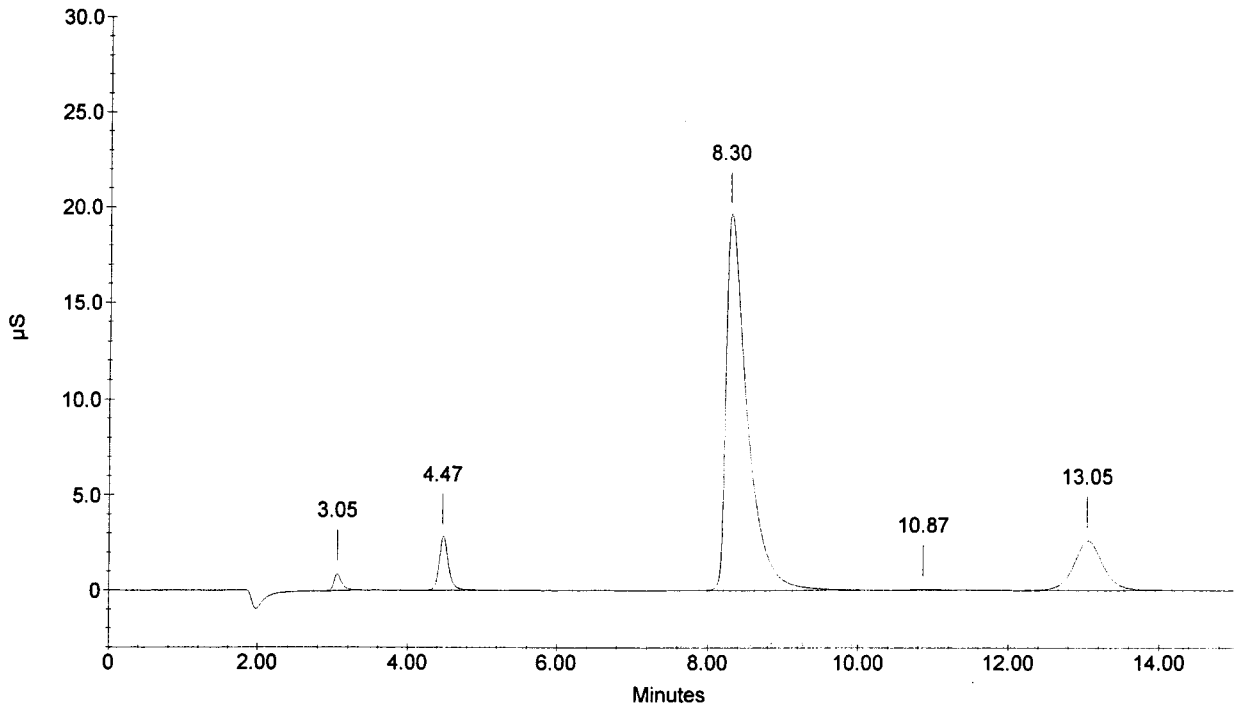
Date Time Collected : 8/28/06 6:07:42 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010077

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.336	8985	65464	1	-1.29
2	4.47	CHLORIDE	1.679	27503	248727	1	-1.18
		NITRITE-N					
		BROMIDE					
3	8.30	NITRATE-N	9.622	194948	3859089	1	1.22
4	10.87	PHOSPHATE-P	0.118	526	11715	1	0.62
5	13.05	SULFATE	6.894	26067	712945	1	-0.08
			---total(s)---				
	0.00		18.648		4897941		

284121



Sample Name : 284122
Dilution Factor : 1.00
Injection Number : 28
Data File Name : C:\PEAKNET\DATA\060828\060828_028.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

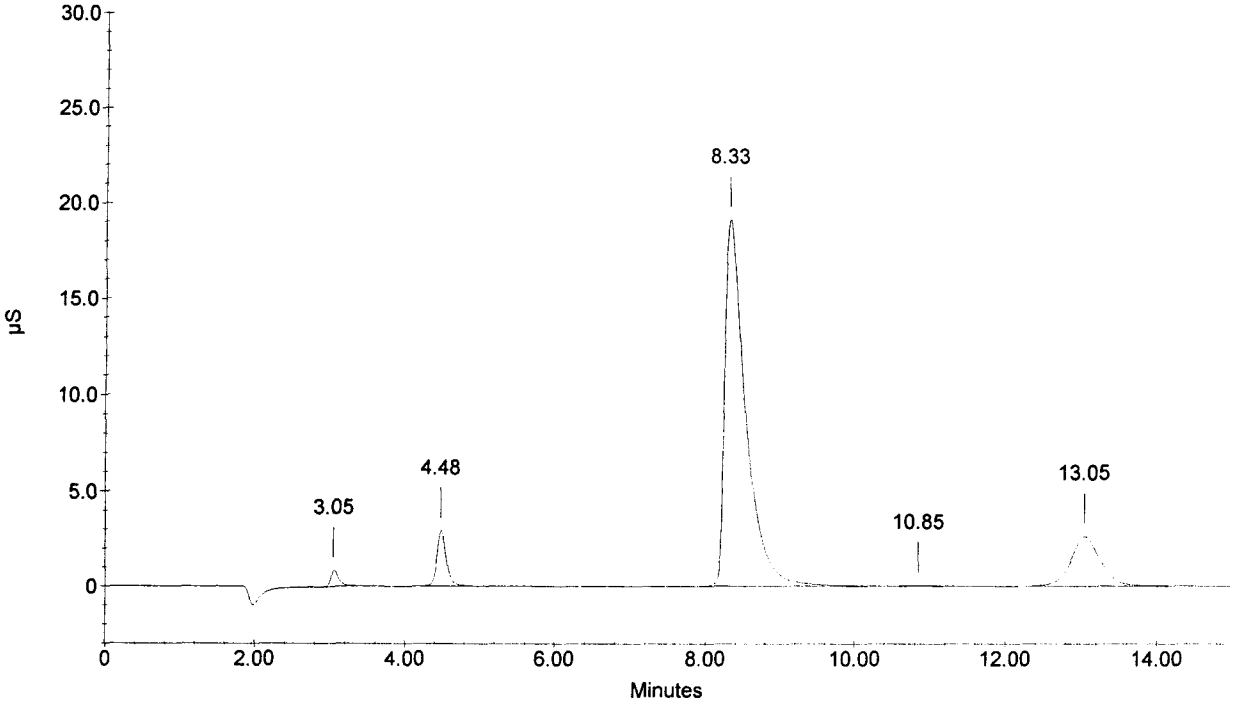
Date Time Collected : 8/28/06 6:25:30 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010078

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.321	8527	61565	1	-1.29
2	4.48	CHLORIDE	1.729	28820	256422	1	-0.81
		NITRITE-N					
		BROMIDE					
3	8.33	NITRATE-N	9.366	190896	3747831	1	1.63
4	10.85	PHOSPHATE-P	0.087	378	7909	1	0.46
5	13.05	SULFATE	6.909	26043	714510	1	-0.08
			---total(s)---				
	0.00		18.411		4788238		

284122



Sample Name : 284123
Dilution Factor : 1.00
Injection Number : 29
Data File Name : C:\PEAKNET\DATA\060828\060828_029.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

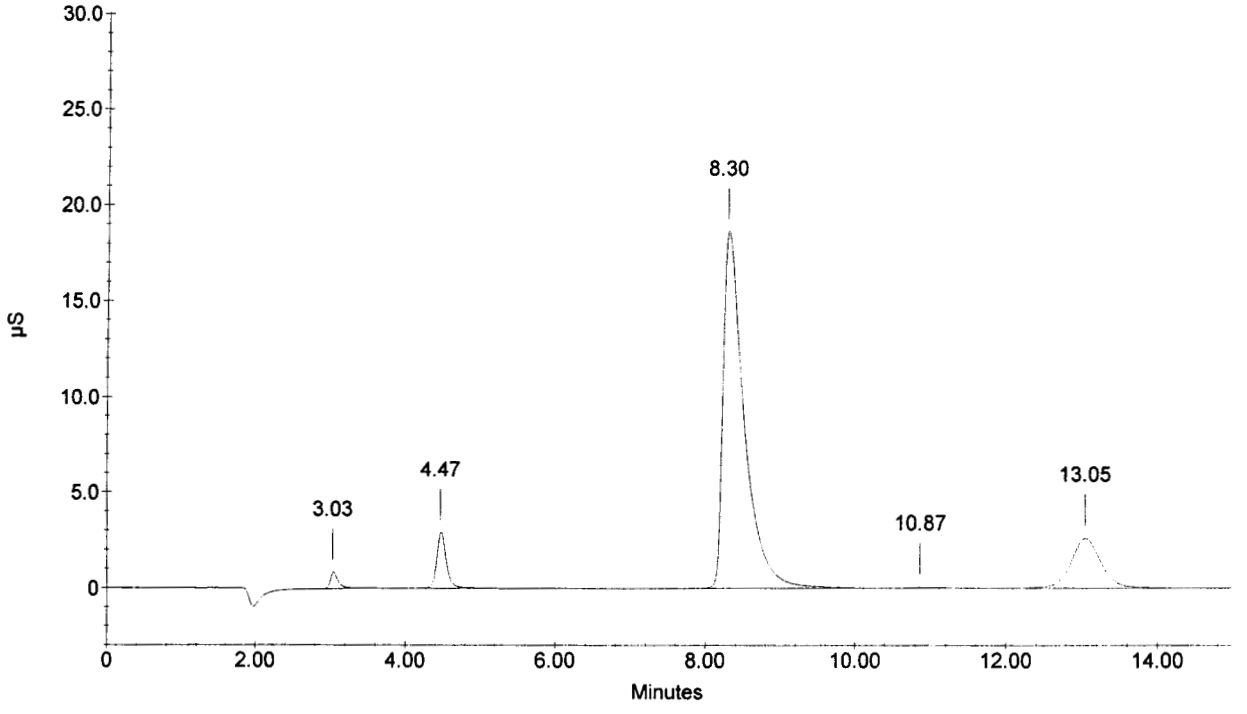
Date Time Collected : 8/28/06 6:43:19 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010079

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	0.317	7953	60477	1	-1.83
2	4.47	CHLORIDE	1.741	28475	258290	1	-1.18
		NITRITE-N					
		BROMIDE					
3	8.30	NITRATE-N	9.141	185746	3650457	1	1.22
4	10.87	PHOSPHATE-P	0.083	384	7528	1	0.62
5	13.05	SULFATE	6.833	25831	706344	1	-0.08
			---total(s)---				
	0.00		18.115		4683095		

284123



Sample Name : 284123D
Dilution Factor : 1.00
Injection Number : 30
Data File Name : C:\PEAKNET\DATA\060828\060828_030.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

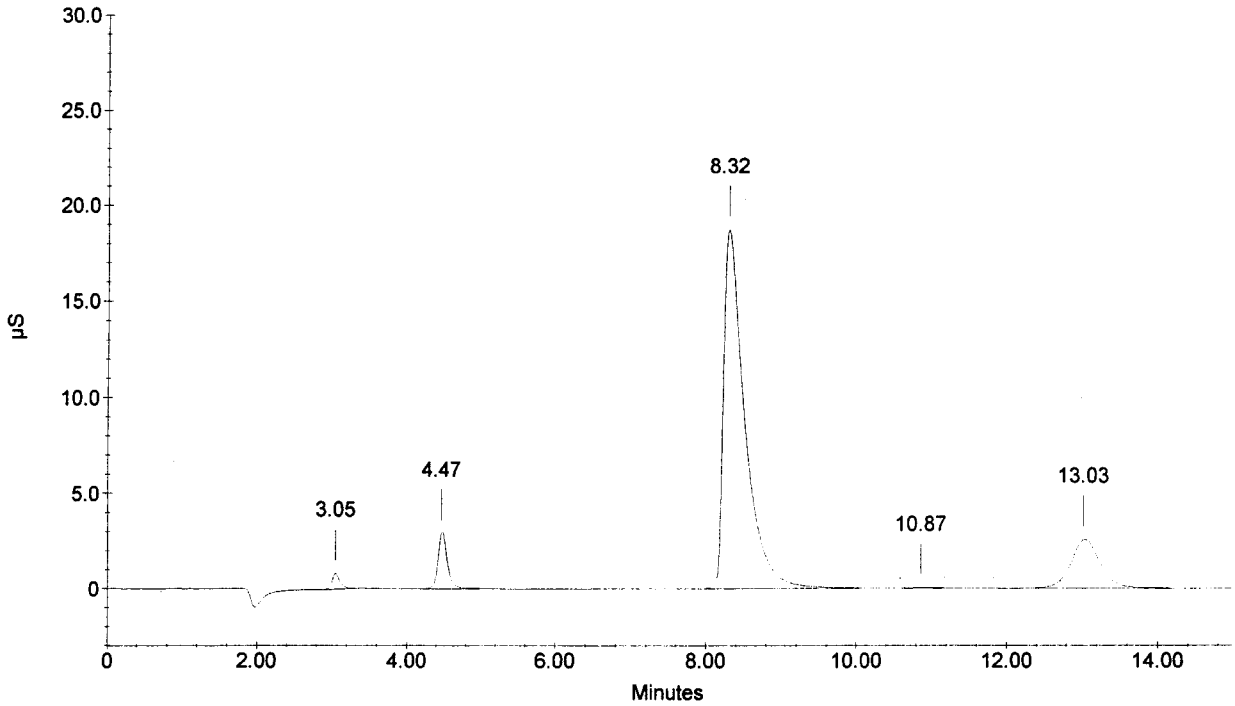
Date Time Collected : 8/28/06 7:01:07 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010080

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.311 ✓	8377	59066	1	-1.29
2	4.47	CHLORIDE	1.791 ✓	29027	265981	1	-1.18
		NITRITE-N	✓				
		BROMIDE	✓				
3	8.32	NITRATE-N	9.158 ✓	186849	3657669	1	1.42
4	10.87	PHOSPHATE-P	0.081 ✓	363	7194	1	0.62
5	13.03	SULFATE	6.830 ✓	25800	706034	1	-0.20
			---total(s)---				
	0.00		18.170		4695944		

284123D



Sample Name : 284123S
Dilution Factor : 1.00
Injection Number : 31
Data File Name : C:\PEAKNET\DATA\060828\060828_031.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

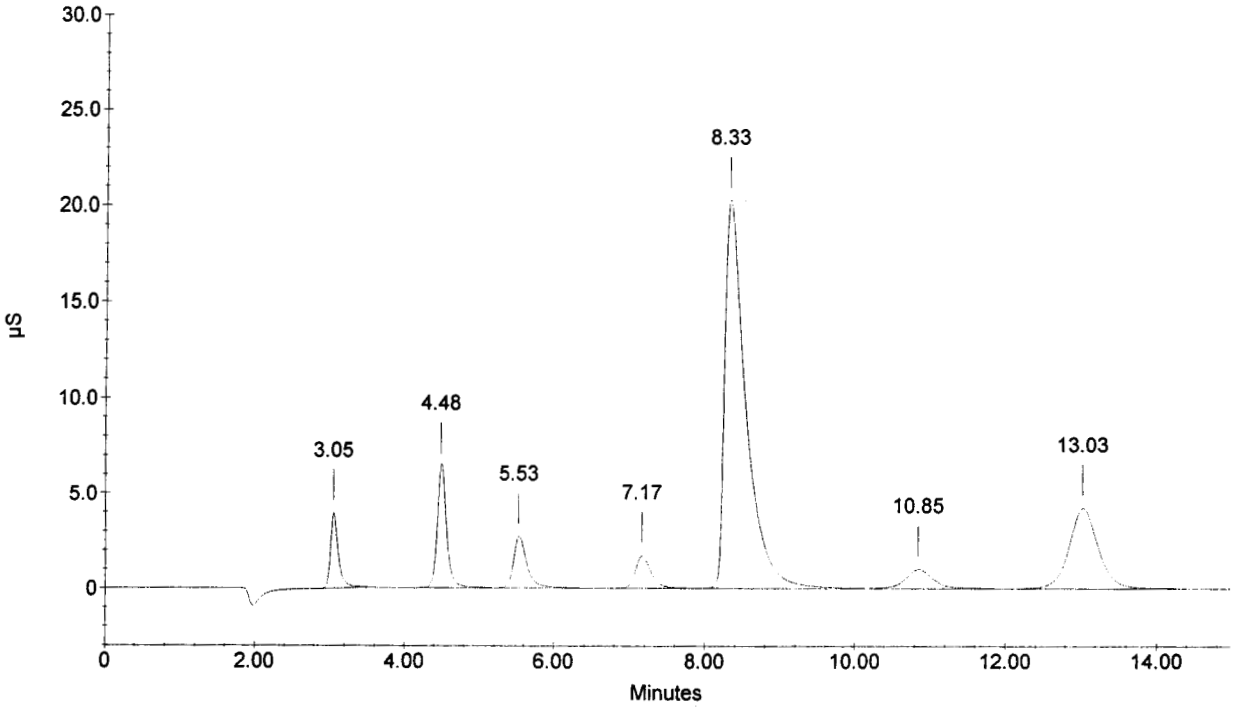
Date Time Collected : 8/28/06 7:18:56 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010081

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	1.187	39380	284081	1	-1.29
2	4.48	CHLORIDE	3.746	63743	571461	2	-0.81
3	5.53	NITRITE-N	1.037	26922	336284	2	0.06
4	7.17	BROMIDE	4.050	16925	248452	2	1.22
5	8.33	NITRATE-N	9.930	202072	3994048	2	1.63
6	10.85	PHOSPHATE-P	2.077	9875	254779	2	0.46
7	13.03	SULFATE	10.738	42174	1135239	1	-0.20
	0.00		---total(s)--- 32.765		6824345		

284123S



Sample Name : 284124
Dilution Factor : 1.00
Injection Number : 32
Data File Name : C:\PEAKNET\DATA\060828\060828_032.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

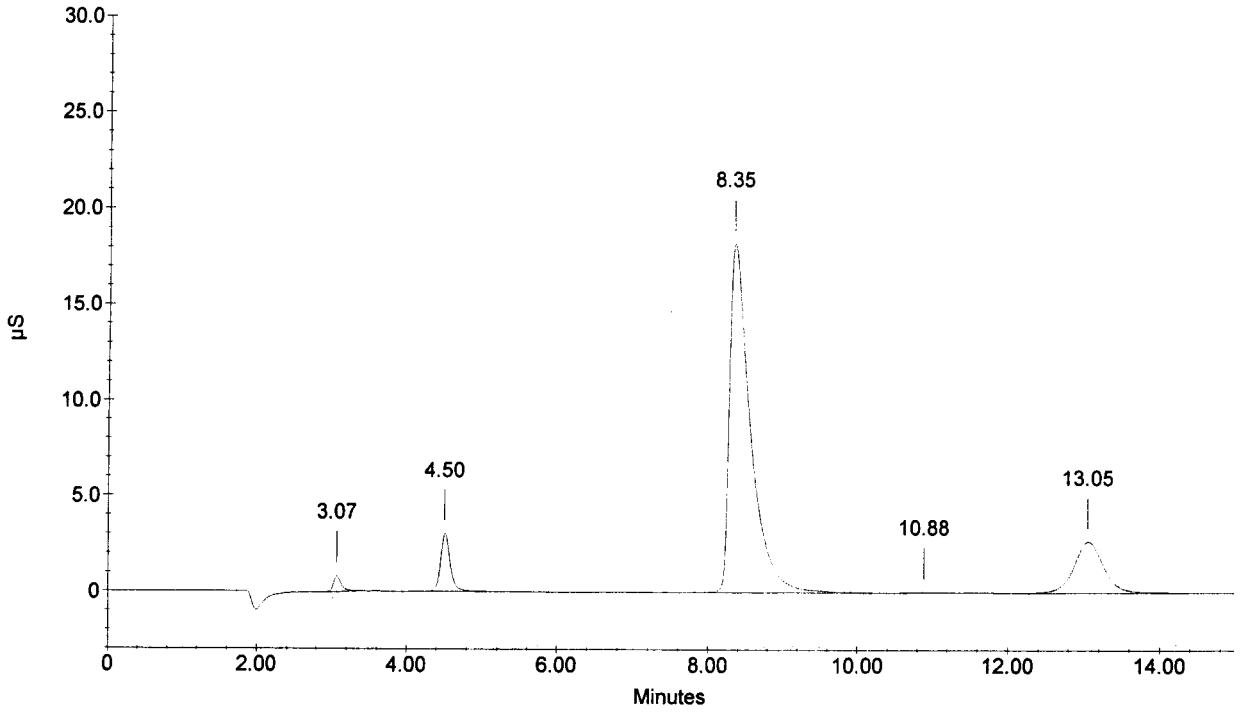
Date Time Collected : 8/28/06 7:36:44 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010082

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.07	FLUORIDE	0.313	8328	59489	1	-0.76
2	4.50	CHLORIDE	1.819	29855	270413	1	-0.44
		NITRITE-N					
		BROMIDE					
3	8.35	NITRATE-N	8.946	182059	3566219	1	1.83
4	10.88	PHOSPHATE-P	0.078	315	6878	1	0.77
5	13.05	SULFATE	7.028	26412	727324	1	-0.08
			---total(s)---				
	0.00		18.184		4630322		

284124



Sample Name : 284125
Dilution Factor : 1.00
Injection Number : 33
Data File Name : C:\PEAKNET\DATA\060828\060828_033.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

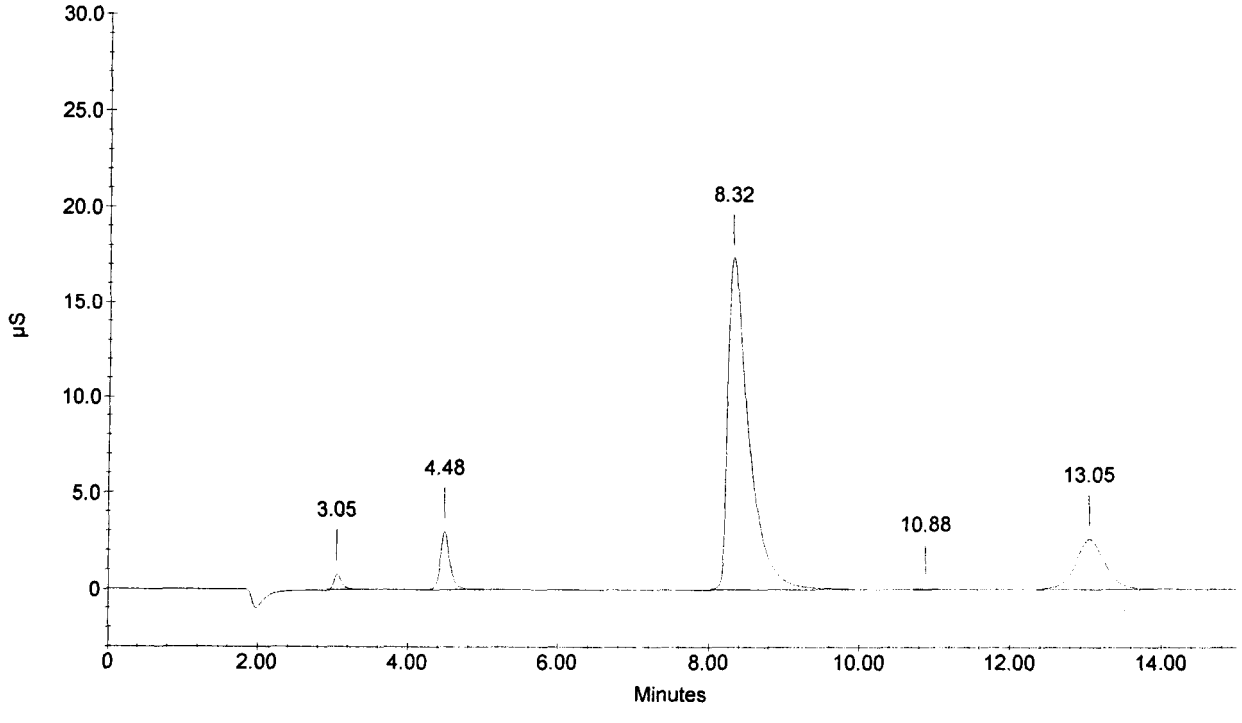
Date Time Collected : 8/28/06 7:54:32 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010083

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.310	8207	58614	1	-1.29
2	4.48	CHLORIDE	1.792	29821	266142	1	-0.81
		NITRITE-N					
		BROMIDE					
3	8.32	NITRATE-N	8.503	173183	3376541	1	1.42
4	10.88	PHOSPHATE-P	0.049	185	3263	1	0.77
5	13.05	SULFATE	6.848	25958	708054	1	-0.08
			---total(s)---				
	0.00		17.501		4412613		

284125



Sample Name : 284126
Dilution Factor : 1.00
Injection Number : 34
Data File Name : C:\PEAKNET\DATA\060828\060828_034.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

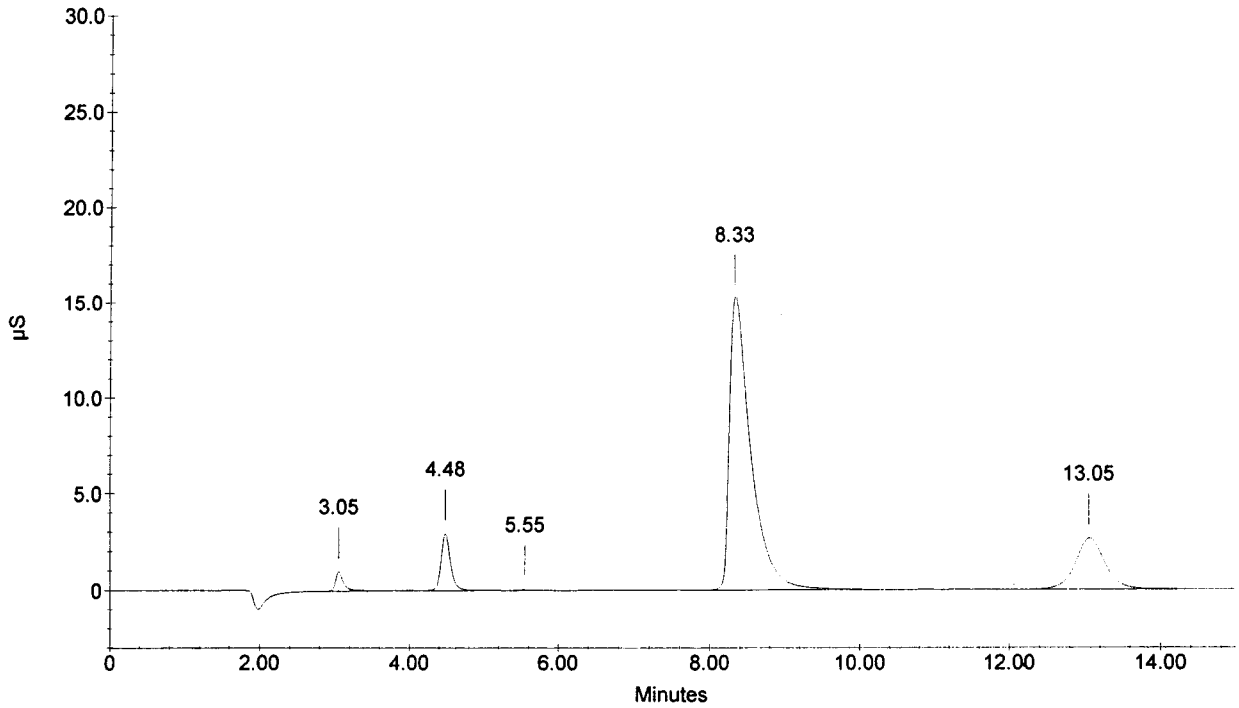
Date Time Collected : 8/28/06 8:12:21 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010084

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.380	9940	76719	1	-1.29
2	4.48	CHLORIDE	1.730	29124	256647	1	-0.81
3	5.55	NITRITE-N	0.084	211	2149	1	0.36
		BROMIDE					
4	8.33	NITRATE-N	7.586	151940	2988728	1	1.63
		PHOSPHATE-P					
5	13.05	SULFATE	6.897	26151	713300	1	-0.08
			---total(s)---				
	0.00		16.677		4037543		

284126



Sample Name : 284127
Dilution Factor : 1.00
Injection Number : 35
Data File Name : C:\PEAKNET\DATA\060828\060828_035.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

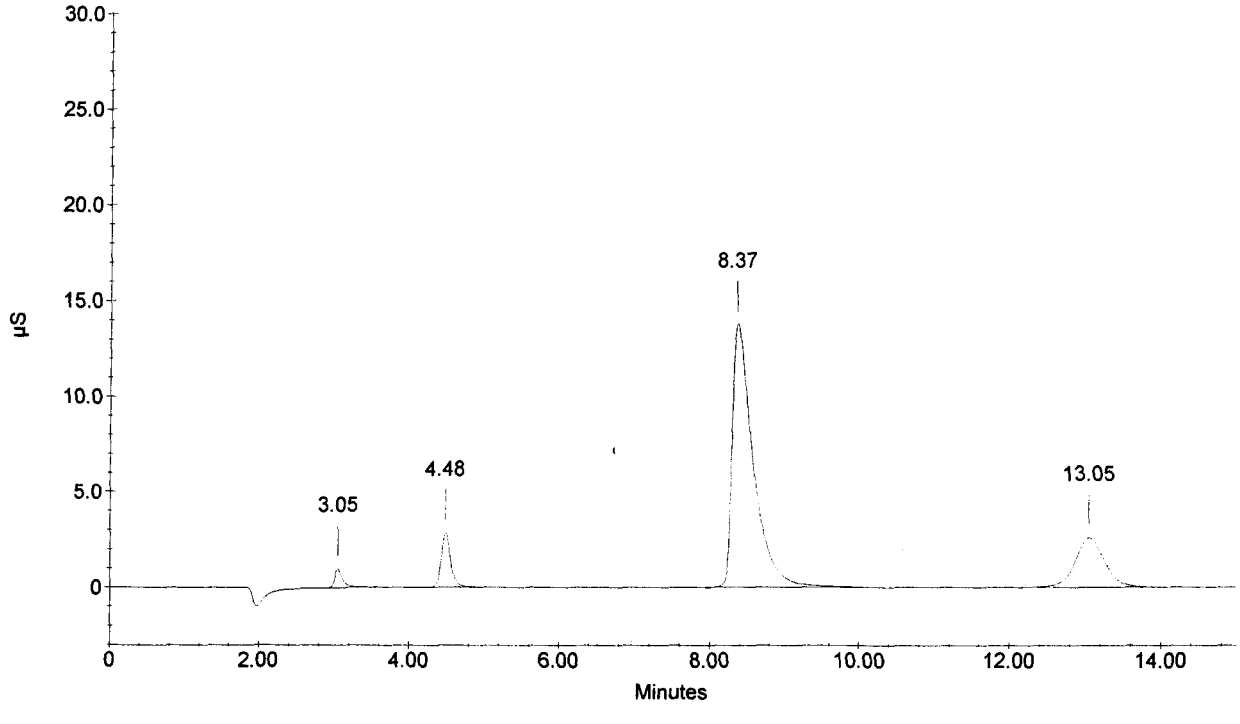
Date Time Collected : 8/28/06 8:30:09 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010085

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.357	9869	70742	1	-1.29
2	4.48	CHLORIDE	1.674	28230	248017	1	-0.81
		NITRITE-N					
		BROMIDE					
3	8.37	NITRATE-N	6.865	136949	2688037	1	2.03
		PHOSPHATE-P					
4	13.05	SULFATE	6.722	25809	694454	1	-0.08
			---total(s)---				
	0.00		15.618		3701250		

284127



Sample Name : 284128
Dilution Factor : 1.00
Injection Number : 36
Data File Name : C:\PEAKNET\DATA\060828\060828_036.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

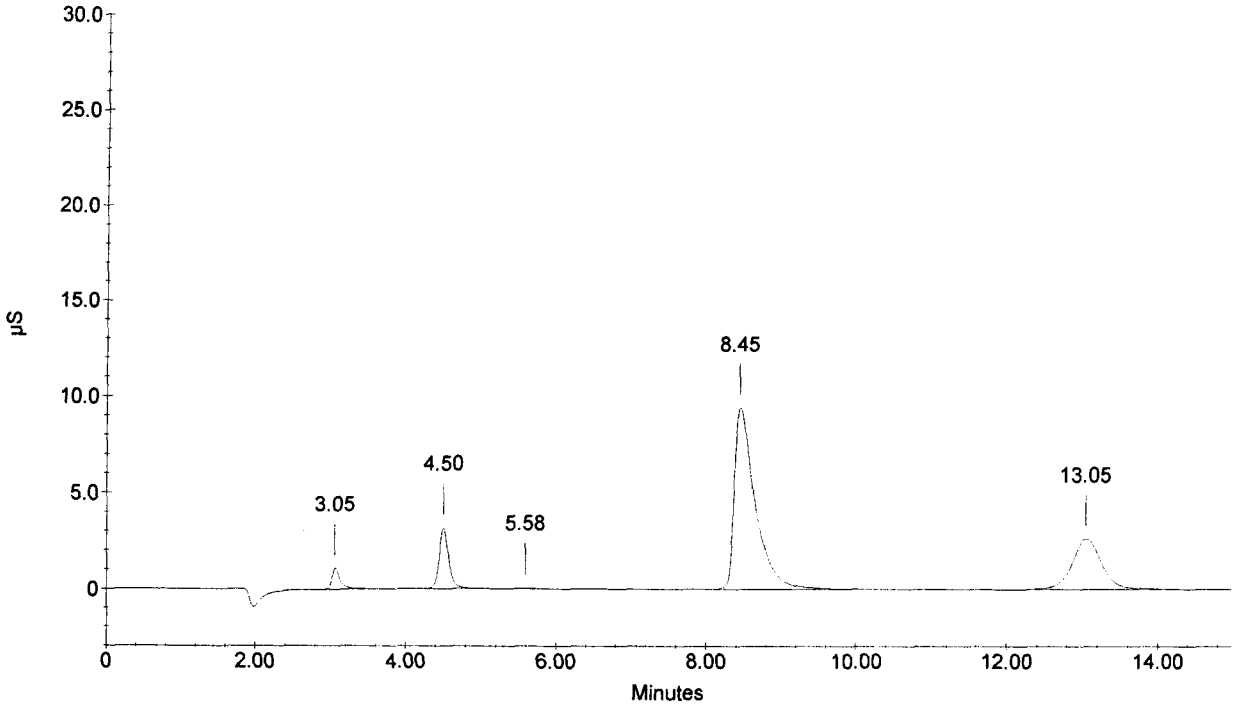
Date Time Collected : 8/28/06 8:47:56 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010086

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.411	10676	84644	1	-1.29
2	4.50	CHLORIDE	1.835	31266	272757	1	-0.44
3	5.58	NITRITE-N	0.091	383	4663	1	0.96
		BROMIDE					
4	8.45	NITRATE-N	4.743	93640	1825283	1	3.05
		PHOSPHATE-P					
5	13.05	SULFATE	6.863	26039	709600	1	-0.08
			---total(s)---				
	0.00		13.942		2896947		

284128



Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 37
Data File Name : C:\PEAKNET\DATA\060828\060828_037.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

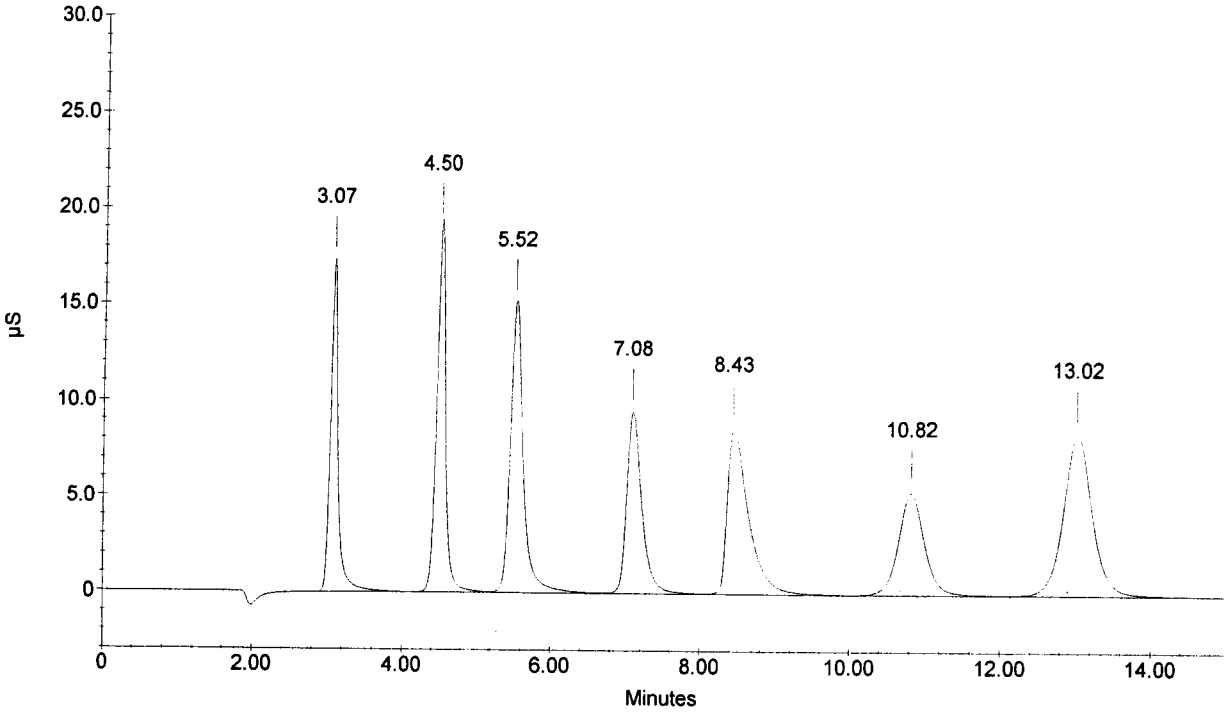
Date Time Collected : 8/28/06 9:05:44 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010087

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.07	FLUORIDE	97.682 ✓	172814	1241762	1	-0.76
2	4.50	CHLORIDE	203.683 ✓	190504	1643199	2	-0.44
3	5.52	NITRITE-N	104.515 ✓	150928	1821939	2	-0.24
4	7.08	BROMIDE	407.715 ✓	94432	1343573	2	0.05
5	8.43	NITRATE-N	87.856 ✓	86407	1685828	2	2.85
6	10.82	PHOSPHATE-P	195.247 ✓	53234	1279069	2	0.15
7	13.02	SULFATE	400.222 ✓	84295	2240812	2	-0.33
	0.00		---total(s)--- 1496.919		11256182		

CCV



Sample Name : 284130
Dilution Factor : 1.00
Injection Number : 40
Data File Name : C:\PEAKNET\DATA\060828\060828_040.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

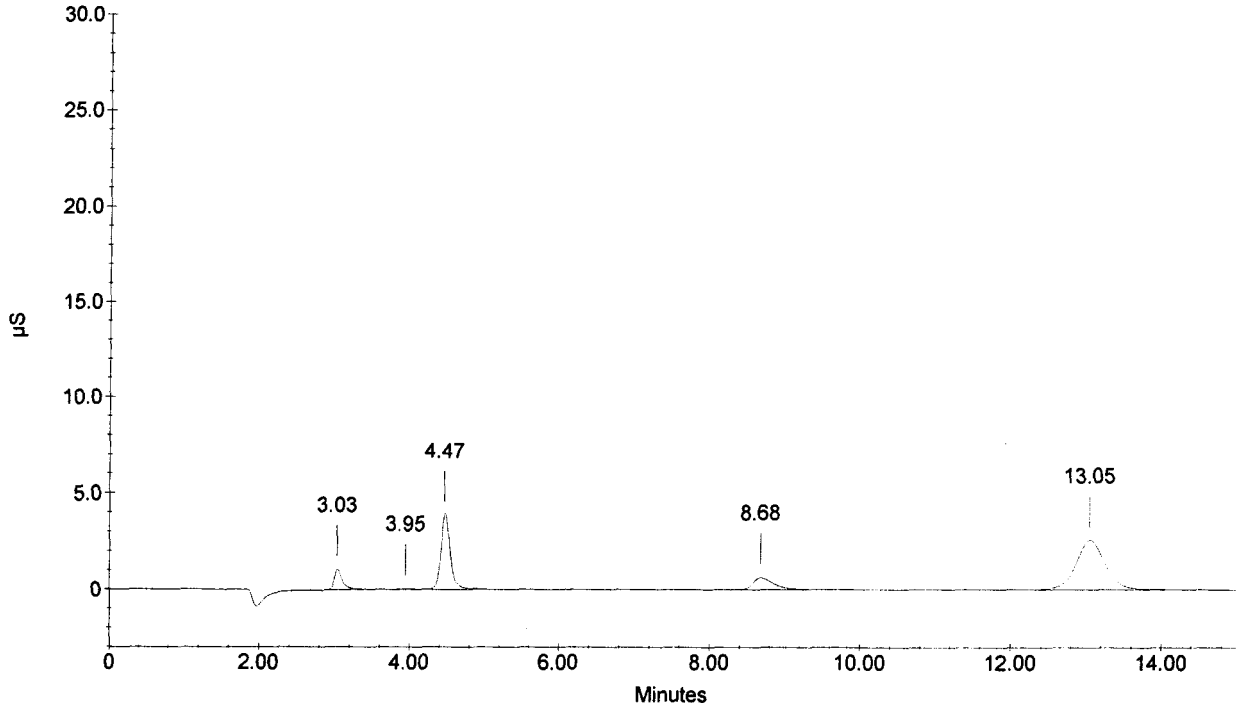
Date Time Collected : 8/28/06 9:59:08 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010088

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	0.385	10339	77920	1	-1.83
3	4.47	CHLORIDE	2.304	38263	345405	2	-1.18
		NITRITE-N					
		BROMIDE					
4	8.68	NITRATE-N	0.321	6099	119377	1	5.89
		PHOSPHATE-P					
5	13.05	SULFATE	6.778	25575	700476	1	-0.08
			---total(s)---				
	0.00		9.787		1243177		

284130



Sample Name : 284131
Dilution Factor : 1.00
Injection Number : 41
Data File Name : C:\PEAKNET\DATA\060828\060828_041.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

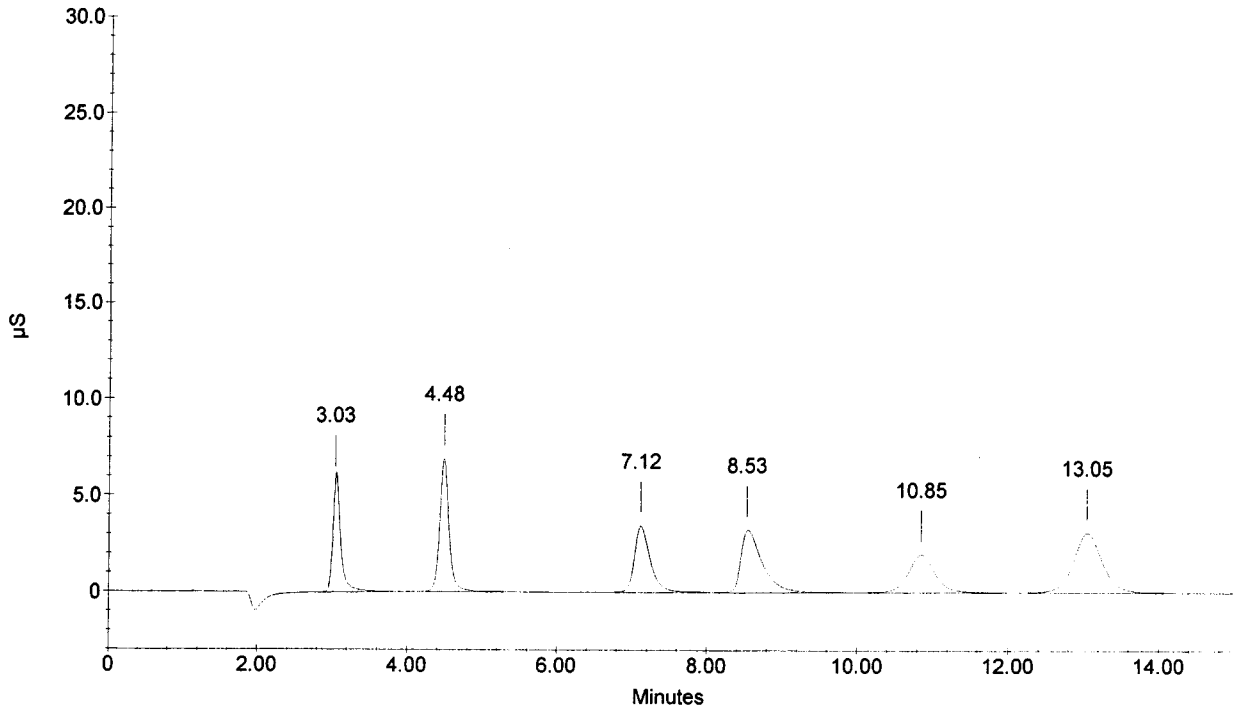
Date Time Collected : 8/28/06 10:16:56 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010089

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	1.837	58047	451692	1	-1.83
2	4.48	CHLORIDE	3.918	68854	598794	1	-0.81
		NITRITE-N					
3	7.12	BROMIDE	8.093	34313	505394	2	0.52
4	8.53	NITRATE-N	1.724	32270	648236	2	4.07
5	10.85	PHOSPHATE-P	3.974	19528	496537	2	0.46
6	13.05	SULFATE	8.089	30920	842233	2	-0.08
	0.00		---total(s)--- 27.635		3542886		

284131



Sample Name : 284132
Dilution Factor : 1.00
Injection Number : 42
Data File Name : C:\PEAKNET\DATA\060828\060828_042.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

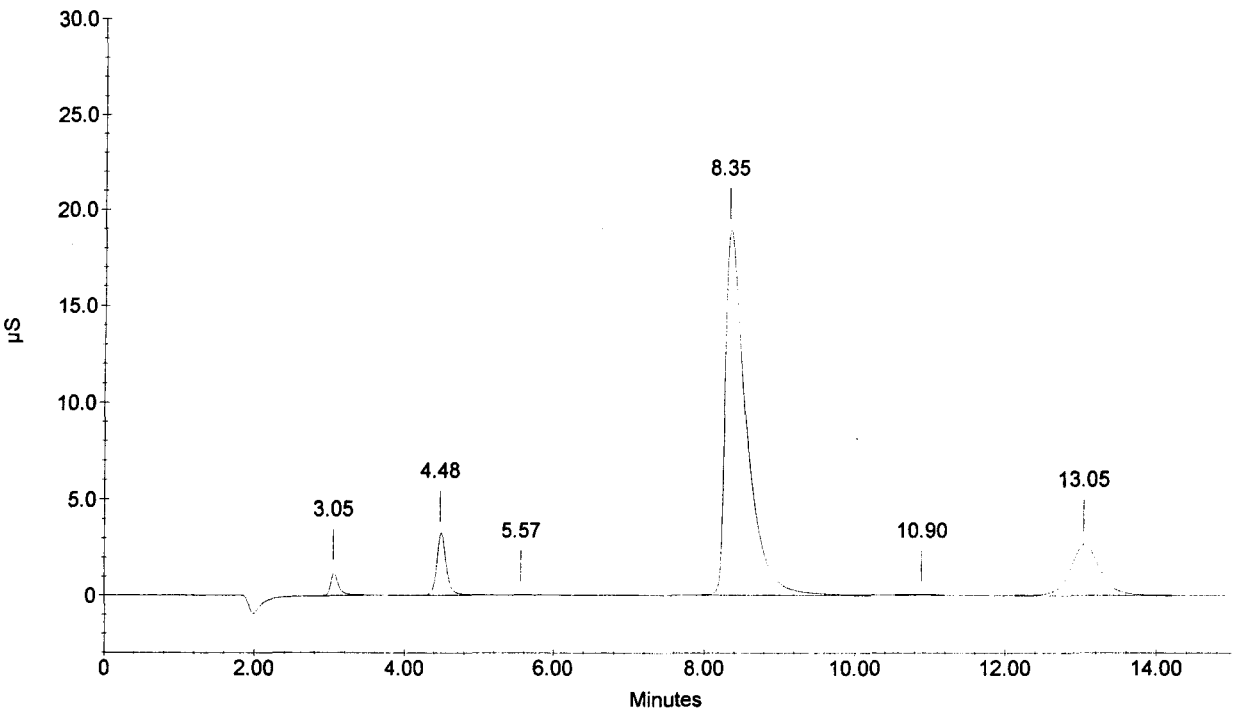
Date Time Collected : 8/28/06 10:34:46 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010090

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.436	11816	91040	1	-1.29
2	4.48	CHLORIDE	1.946	31280	289877	1	-0.81
3	5.57	NITRITE-N	0.089	386	4236	1	0.66
		BROMIDE					
4	8.35	NITRATE-N	9.326	188169	3730696	2	1.83
5	10.90	PHOSPHATE-P	0.102	417	9755	2	0.93
6	13.05	SULFATE	7.079	26820	732824	1	-0.08
			---total(s)---				
	0.00		18.978		4858426		

284132



Sample Name : 284133
Dilution Factor : 1.00
Injection Number : 43
Data File Name : C:\PEAKNET\DATA\060828\060828_043.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

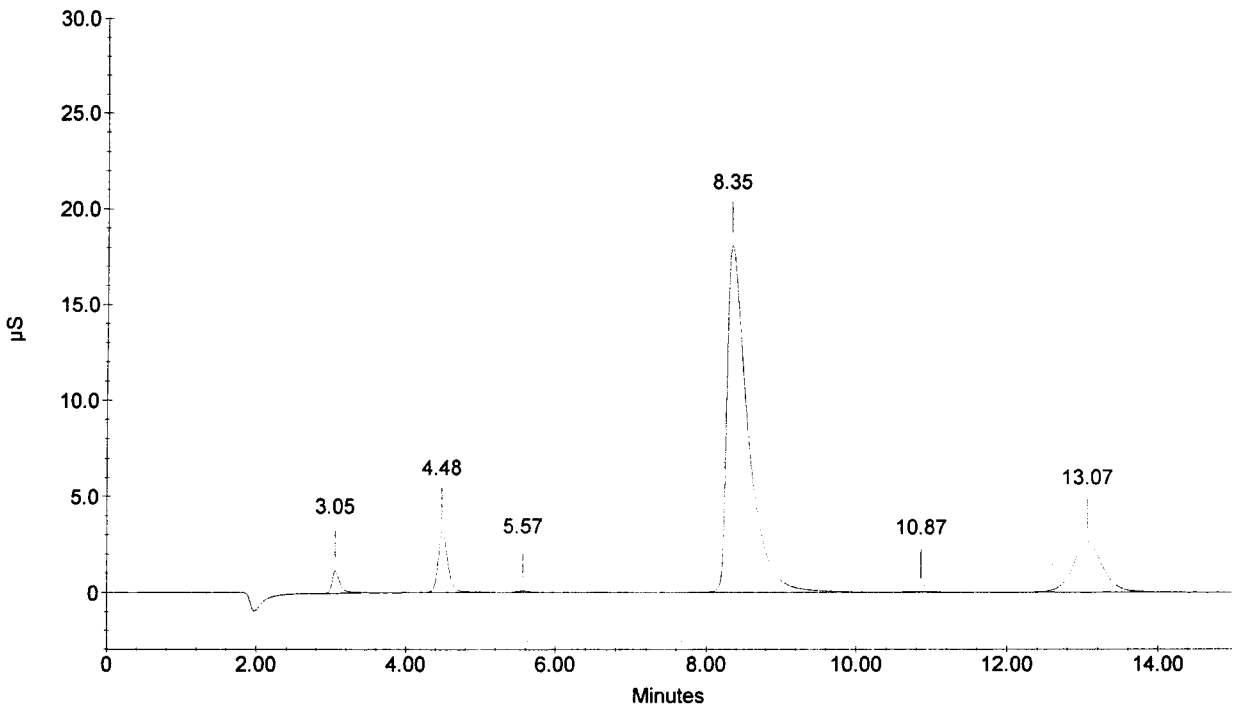
Date Time Collected : 8/28/06 10:52:35 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010091

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.412	11571	84943	1	-1.29
2	4.48	CHLORIDE	1.898	31551	282492	1	-0.81
3	5.57	NITRITE-N	0.105	881	9825	1	0.66
		BROMIDE					
4	8.35	NITRATE-N	8.916	180364	3553479	2	1.83
5	10.87	PHOSPHATE-P	0.091	345	8445	2	0.62
6	13.07	SULFATE	6.910	26305	714673	1	0.05
			---total(s)---				
	0.00		18.332		4653858		

284133



Sample Name : 284134
Dilution Factor : 1.00
Injection Number : 44
Data File Name : C:\PEAKNET\DATA\060828\060828_044.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

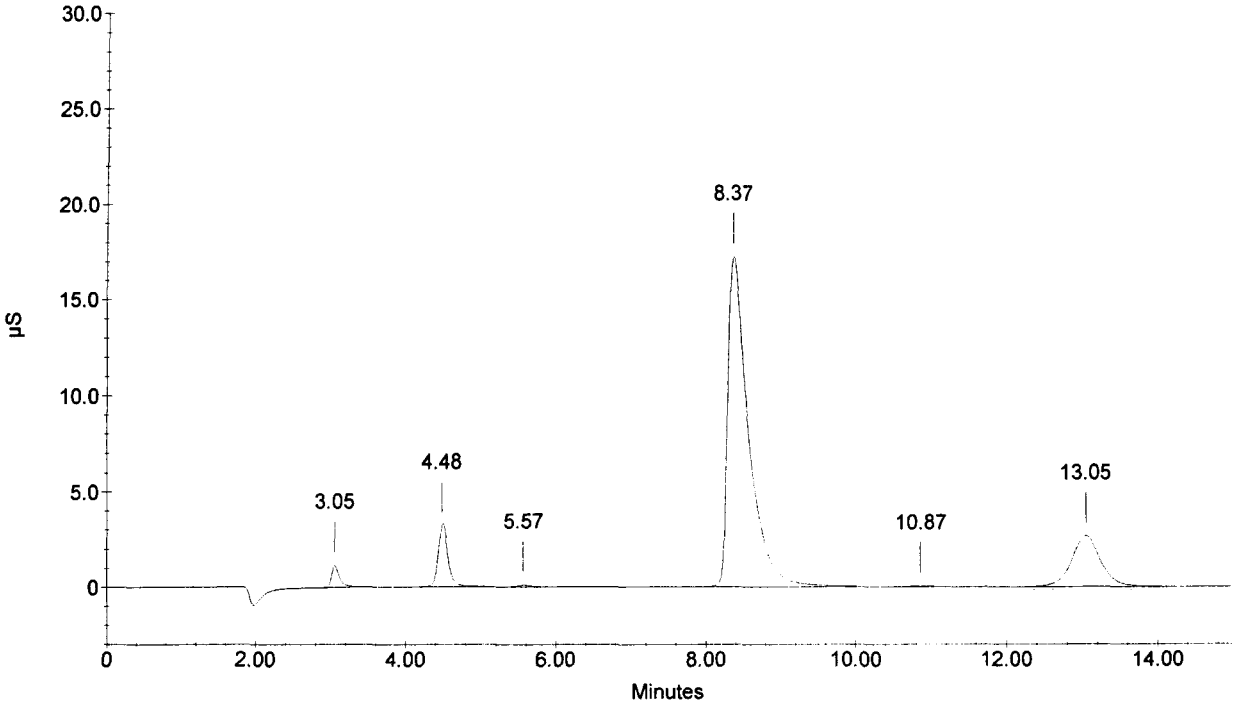
Date Time Collected : 8/28/06 11:10:23 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010092

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.430	11607	89540	1	-1.29
2	4.48	CHLORIDE	1.980	32006	295133	2	-0.81
3	5.57	NITRITE-N	0.113	998	12594	2	0.66
		BROMIDE					
4	8.37	NITRATE-N	8.519	172128	3383580	1	2.03
5	10.87	PHOSPHATE-P	0.053	206	3816	1	0.62
6	13.05	SULFATE	6.952	26467	719238	1	-0.08
			---total(s)---				
	0.00		18.048		4503900		

284134



Sample Name : 284135
Dilution Factor : 1.00
Injection Number : 45
Data File Name : C:\PEAKNET\DATA\060828\060828_045.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

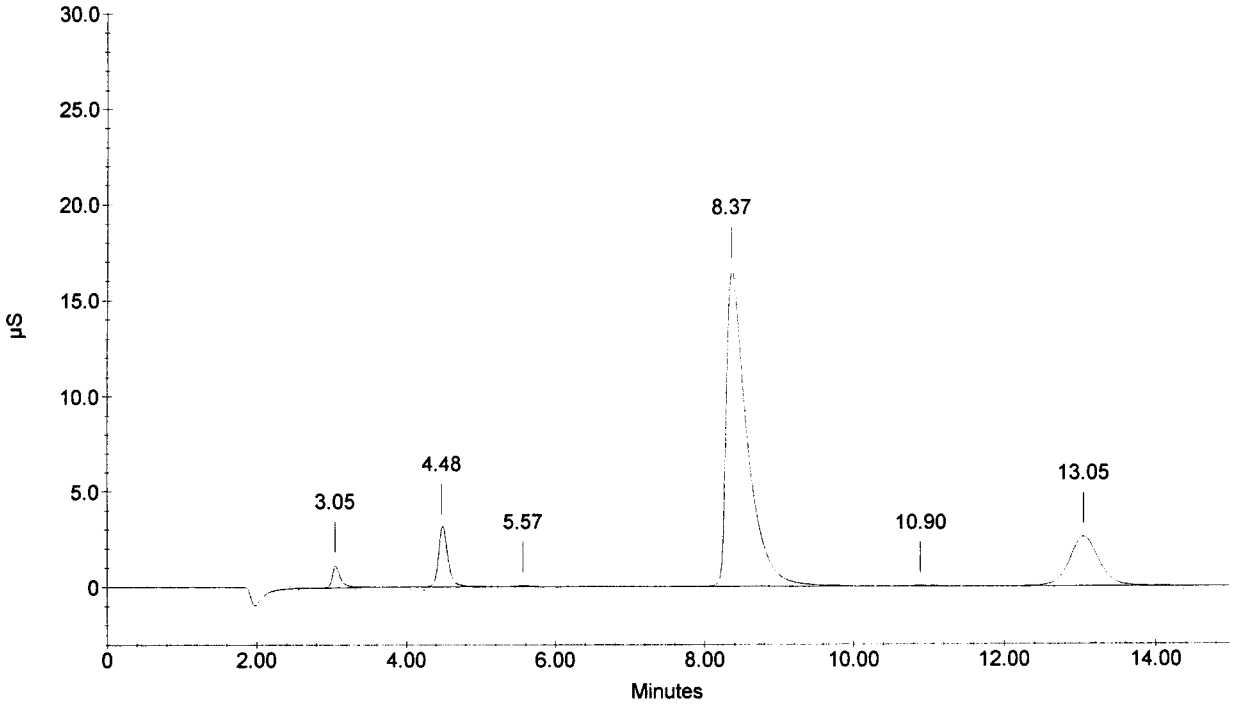
Date Time Collected : 8/28/06 11:28:12 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010093

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.428	11471	89087	1	-1.29
2	4.48	CHLORIDE	1.882	30783	280089	1	-0.81
3	5.57	NITRITE-N	0.098	595	7348	1	0.66
		BROMIDE					
4	8.37	NITRATE-N	8.155	164714	3228395	1	2.03
5	10.90	PHOSPHATE-P	0.052	190	3660	1	0.93
6	13.05	SULFATE	6.901	26037	713664	1	-0.08
			---total(s)---				
	0.00		17.516		4322244		

284135



Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 49
Data File Name : C:\PEAKNET\DATA\060828\060828_049.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

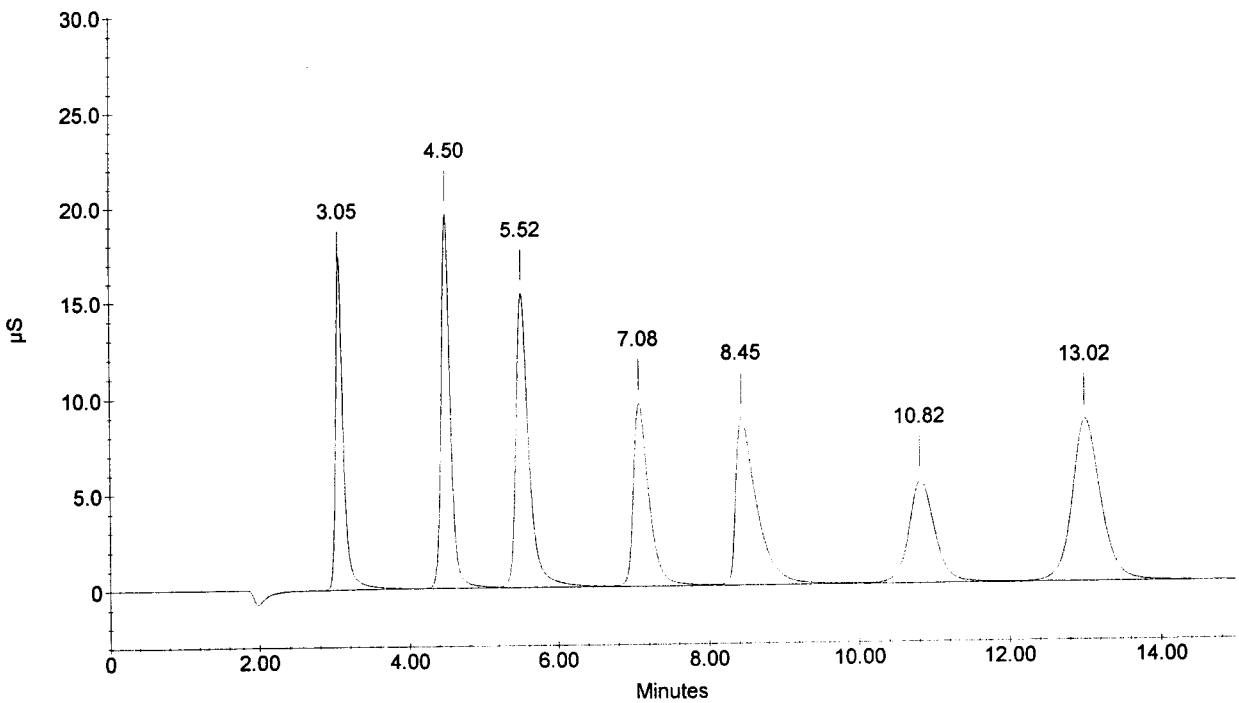
Date Time Collected : 8/29/06 12:39:27 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010094

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	97.460	164102	1238869	1	-1.29
2	4.50	CHLORIDE	204.729	195289	1652371	2	-0.44
3	5.52	NITRITE-N	105.692	153037	1843029	2	-0.24
4	7.08	BROMIDE	413.955	95118	1366142	2	0.05
5	8.45	NITRATE-N	89.600	87312	1720474	2	3.05
6	10.82	PHOSPHATE-P	198.073	53500	1299126	2	0.15
7	13.02	SULFATE	400.623	84472	2243360	2	-0.33
	0.00		---total(s)--- 1510.131		11363372		

CCV



Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 50
Data File Name : C:\PEAKNET\DATA\060828\060828_050.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

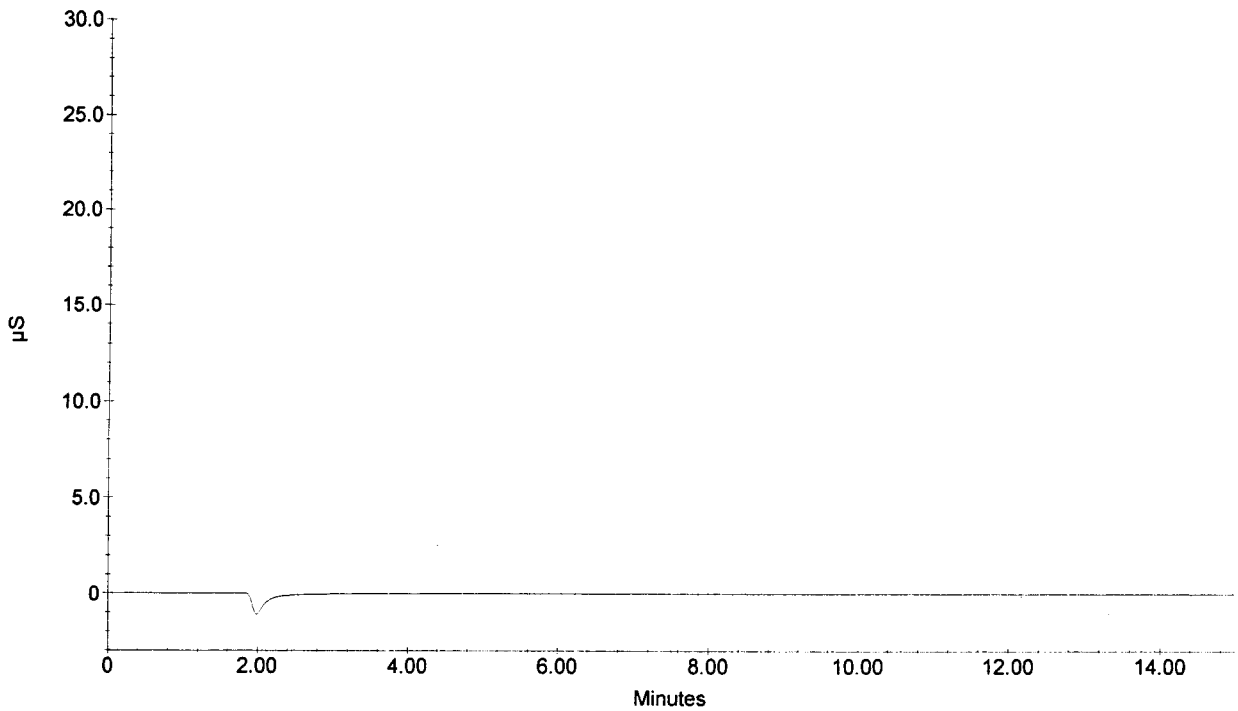
Date Time Collected : 8/29/06 12:57:17 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010095

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	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					
			---total(s)---				
	0.00		0.000		0		

CCB



Sample Name : 284139
Dilution Factor : 1.00
Injection Number : 51
Data File Name : C:\PEAKNET\DATA\060828\060828_051.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

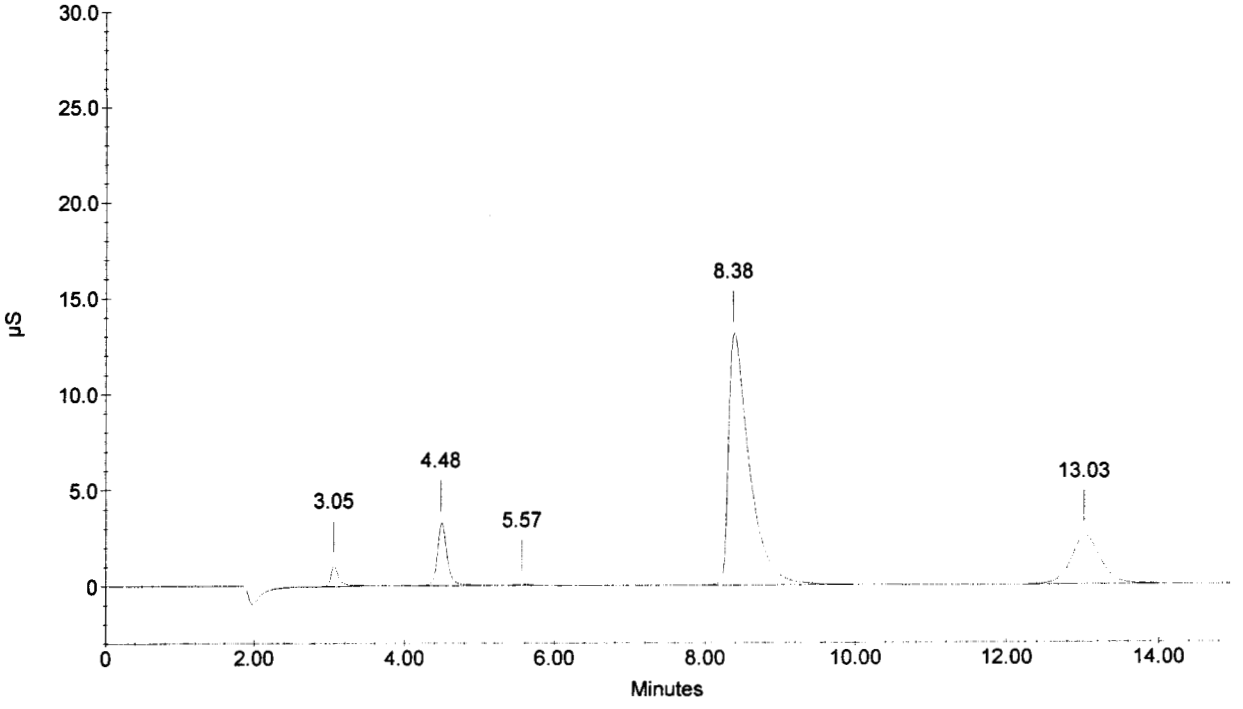
Date Time Collected : 8/29/06 1:15:03 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010096

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.405	10975	83102	1	-1.29
2	4.48	CHLORIDE	1.964	31718	292667	2	-0.81
3	5.57	NITRITE-N	0.104	799	9415	2	0.66
		BROMIDE					
4	8.38	NITRATE-N	6.538	129997	2552905	1	2.24
		PHOSPHATE-P					
5	13.03	SULFATE	6.758	25608	698387	1	-0.20
			---total(s)---				
	0.00		15.769		3636475		

284139



Sample Name : 284140
Dilution Factor : 1.00
Injection Number : 52
Data File Name : C:\PEAKNET\DATA\060828\060828_052.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

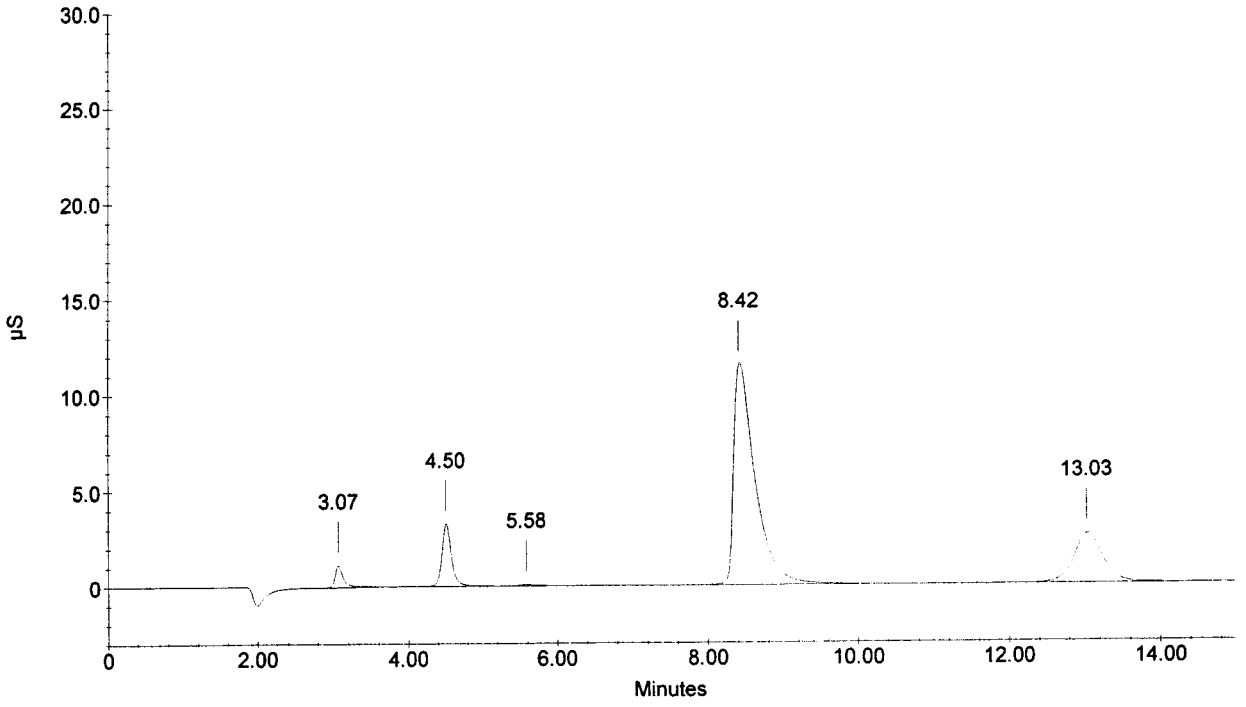
Date Time Collected : 8/29/06 1:32:51 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010097

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.07	FLUORIDE	0.427	11384	88645	1	-0.76
2	4.50	CHLORIDE	1.952	32379	290899	2	-0.44
3	5.58	NITRITE-N	0.101	730	8297	2	0.96
		BROMIDE					
4	8.42	NITRATE-N	5.800	114599	2251137	1	2.64
		PHOSPHATE-P					
5	13.03	SULFATE	6.865	26040	709846	1	-0.20
			---total(s)---				
	0.00		15.145		3348824		

284140



Sample Name : 284141
Dilution Factor : 1.00
Injection Number : 53
Data File Name : C:\PEAKNET\DATA\060828\060828_053.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

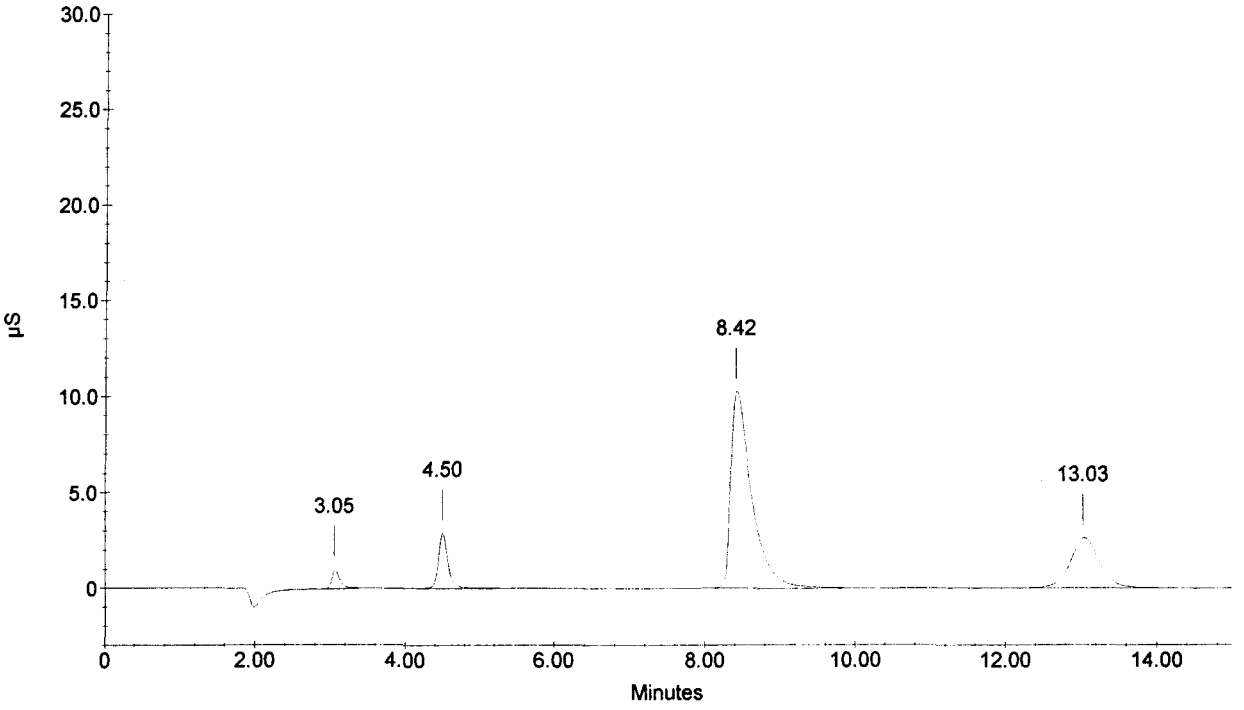
Date Time Collected : 8/29/06 1:50:40 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010098

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.379	9953	76322	1	-1.29
2	4.50	CHLORIDE	1.732	28801	256985	1	-0.44
		NITRITE-N					
		BROMIDE					
3	8.42	NITRATE-N	5.156	102026	1990929	1	2.64
		PHOSPHATE-P					
4	13.03	SULFATE	6.867	26060	710055	1	-0.20
			---total(s)---				
	0.00		14.134		3034291		

284141



Sample Name : 284142
Dilution Factor : 1.00
Injection Number : 54
Data File Name : C:\PEAKNET\DATA\060828\060828_054.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

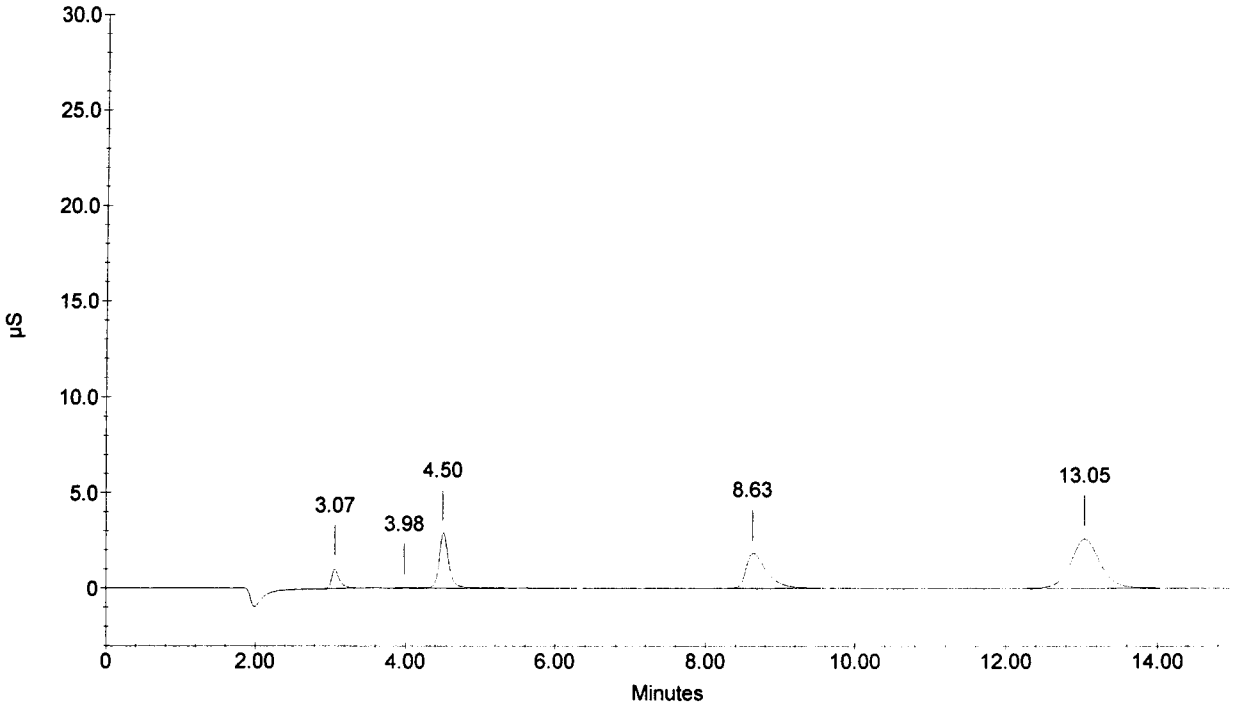
Date Time Collected : 8/29/06 2:08:27 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010099

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.07	FLUORIDE	0.371	10244	74467	1	-0.76
3	4.50	CHLORIDE	1.750	28488	259685	2	-0.44
		NITRITE-N					
		BROMIDE					
4	8.63	NITRATE-N	0.955	18261	357089	1	5.28
		PHOSPHATE-P					
5	13.05	SULFATE	6.862	25988	709478	1	-0.08
			---total(s)---				
	0.00		9.938		1400719		

284142



Sample Name : 284143
Dilution Factor : 1.00
Injection Number : 55
Data File Name : C:\PEAKNET\DATA\060828\060828_055.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

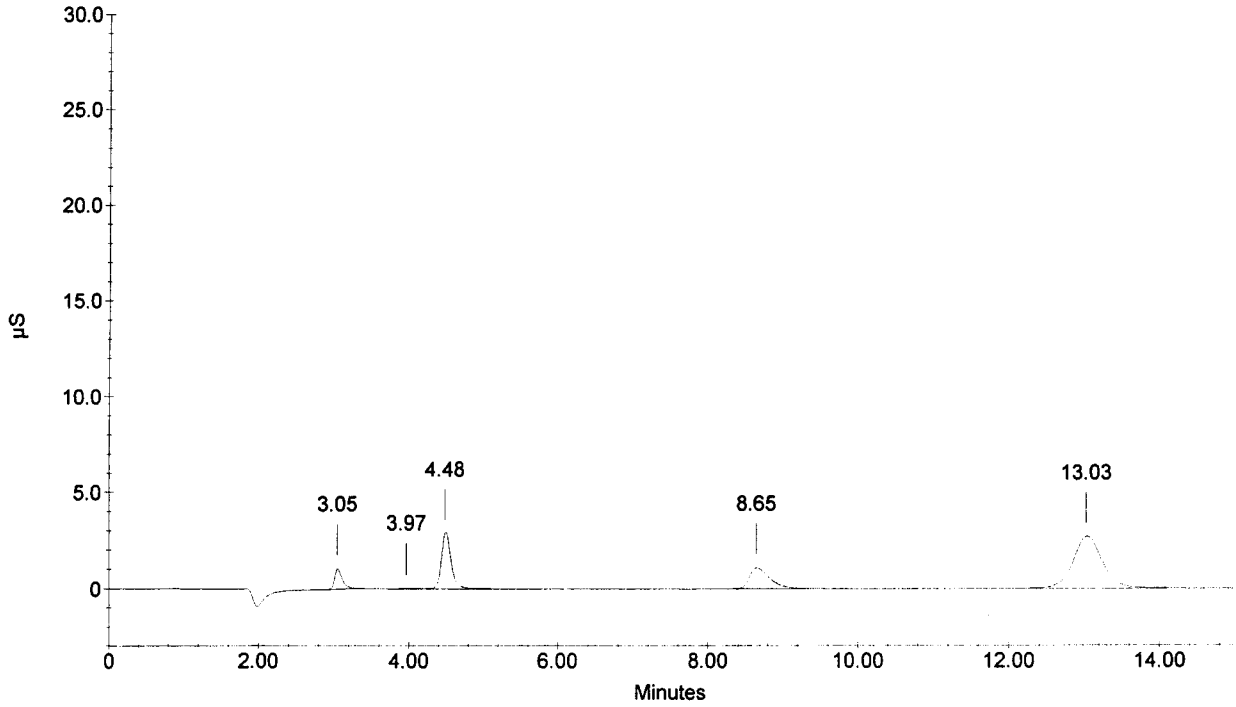
Date Time Collected : 8/29/06 2:26:16 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010100

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.374	10447	75269	1	-1.29
3	4.48	CHLORIDE	1.753	28559	260143	2	-0.81
		NITRITE-N					
		BROMIDE					
4	8.65	NITRATE-N	0.541	10502	201535	1	5.49
		PHOSPHATE-P					
5	13.03	SULFATE	7.070	26643	731933	1	-0.20
			---total(s)---				
	0.00		9.738		1268880		

284143



Sample Name : 284143D
Dilution Factor : 1.00
Injection Number : 56
Data File Name : C:\PEAKNET\DATA\060828\060828_056.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

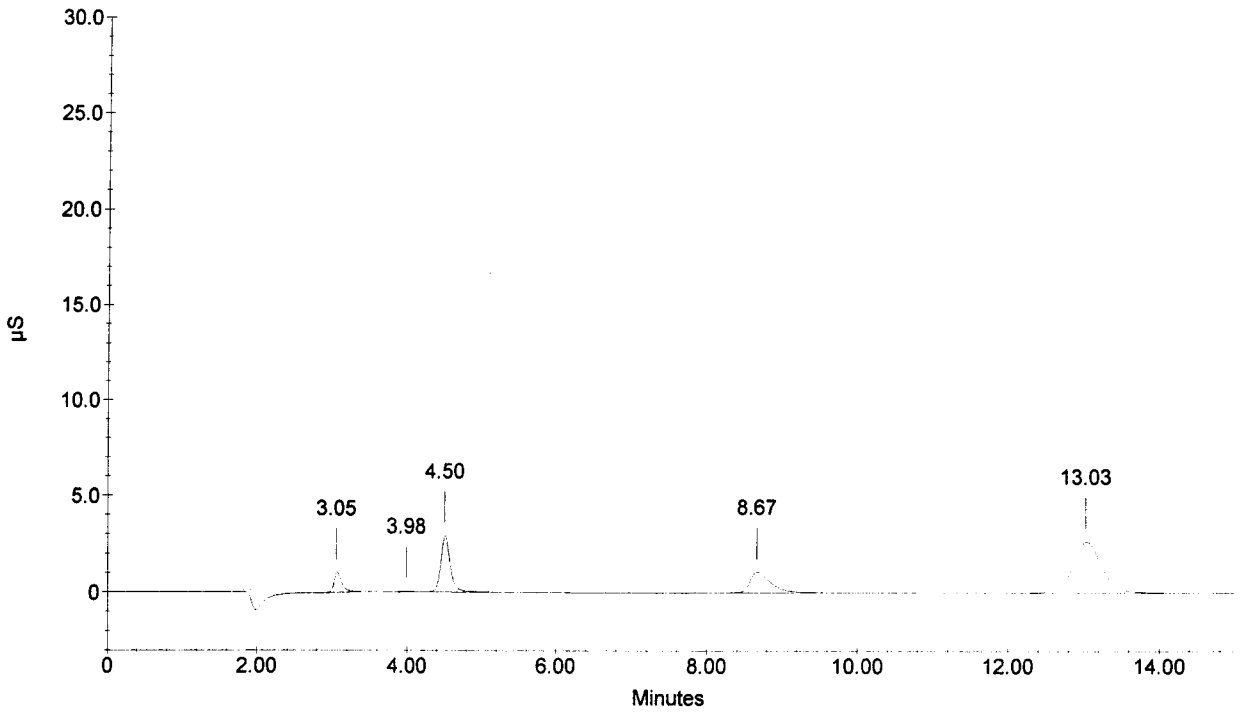
Date Time Collected : 8/29/06 2:44:05 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010101

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.382	9946	77116	1	-1.29
3	4.50	CHLORIDE	1.728	28865	256383	1	-0.44
		NITRITE-N					
		BROMIDE					
4	8.67	NITRATE-N	0.556	10560	207264	1	5.69
		PHOSPHATE-P					
5	13.03	SULFATE	7.026	26644	727178	1	-0.20
			---total(s)---				
	0.00		9.692		1267940		

284143D



Sample Name : 284143S
Dilution Factor : 1.00
Injection Number : 57
Data File Name : C:\PEAKNET\DATA\060828\060828_057.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

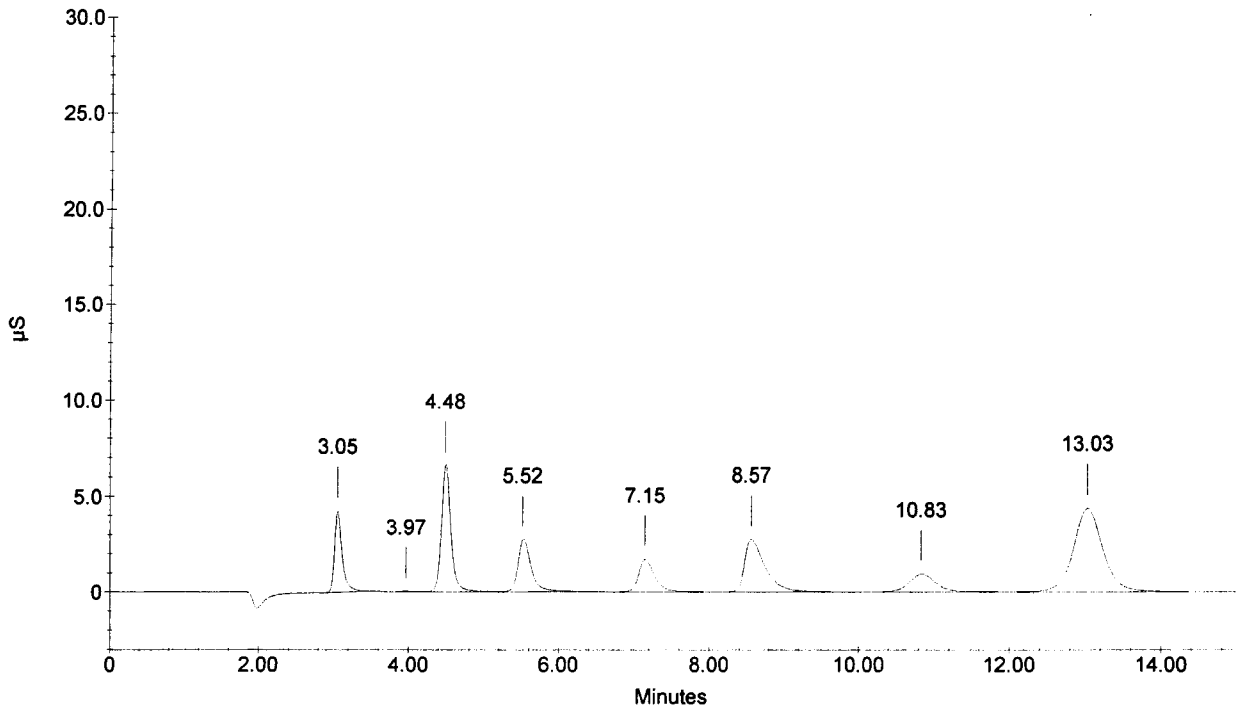
Date Time Collected : 8/29/06 3:01:53 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010102

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	1.260	42436	302917	1	-1.29
3	4.48	CHLORIDE	3.762	65627	574051	2	-0.81
4	5.52	NITRITE-N	1.045	27160	339281	2	-0.24
5	7.15	BROMIDE	4.142	17062	254209	1	0.99
6	8.57	NITRATE-N	1.422	27524	533596	1	4.47
7	10.83	PHOSPHATE-P	2.023	9581	247956	2	0.31
8	13.03	SULFATE	11.240	43773	1191725	2	-0.20
		---total(s)---					
	0.00		24.894		3443734		

284143S



Sample Name : 284144
Dilution Factor : 1.00
Injection Number : 58
Data File Name : C:\PEAKNET\DATA\060828\060828_058.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

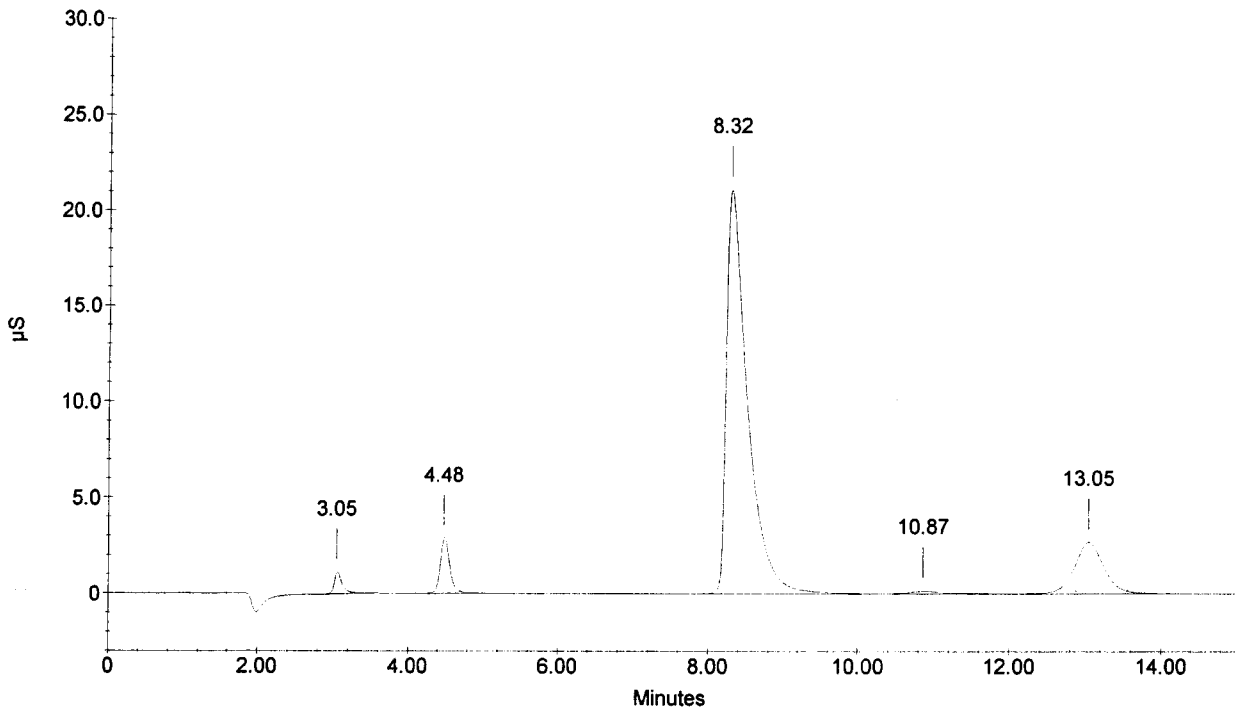
Date Time Collected : 8/29/06 3:19:42 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010103

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.412	10943	84943	1	-1.29
2	4.48	CHLORIDE	1.710	28280	253478	1	-0.81
		NITRITE-N					
		BROMIDE					
3	8.32	NITRATE-N	10.240	210873	4130062	2	1.42
4	10.87	PHOSPHATE-P	0.364	1493	41962	2	0.62
5	13.05	SULFATE	7.005	26595	724893	1	-0.08
			---total(s)---				
	0.00		19.731		5235338		

284144



Sample Name : 284145
Dilution Factor : 1.00
Injection Number : 59
Data File Name : C:\PEAKNET\DATA\060828\060828_059.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

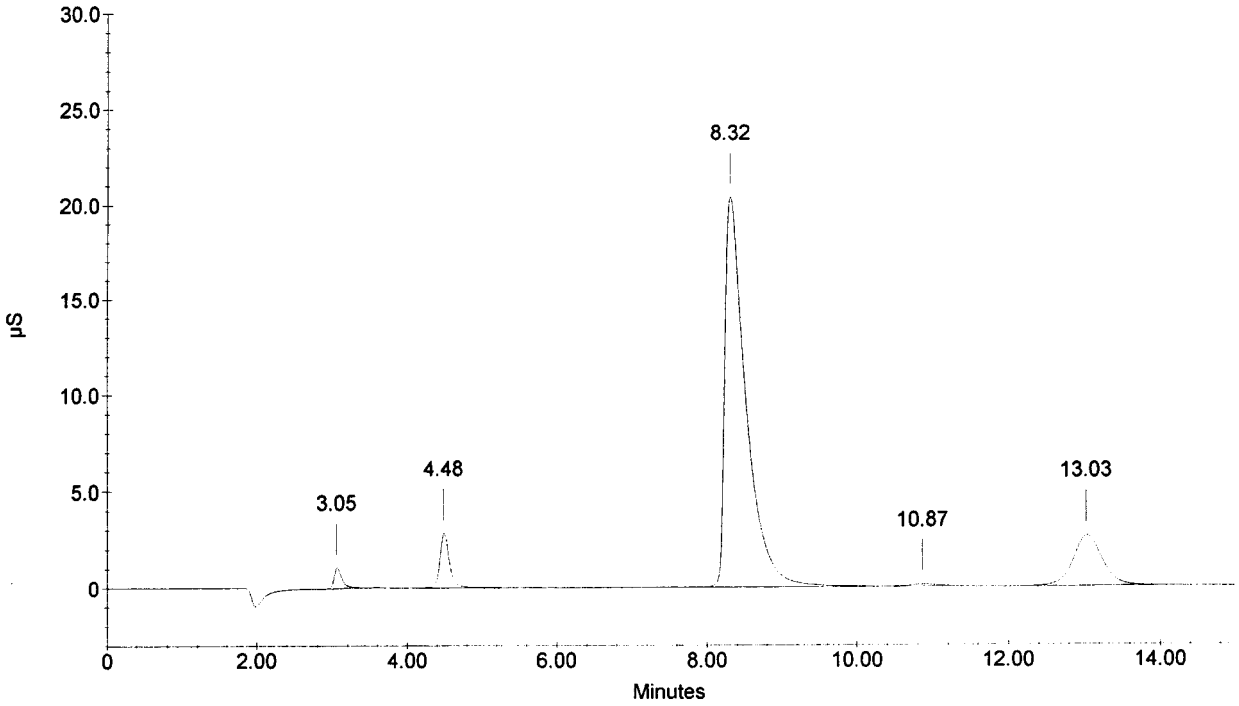
Date Time Collected : 8/29/06 3:37:30 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010104

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.389	10685	79023	1	-1.29
2	4.48	CHLORIDE	1.705	27909	252817	1	-0.81
		NITRITE-N					
		BROMIDE					
3	8.32	NITRATE-N	9.935	203517	3995998	2	1.42
4	10.87	PHOSPHATE-P	0.236	1120	26276	2	0.62
5	13.03	SULFATE	6.889	26201	712448	1	-0.20
			---total(s)---				
	0.00		19.155		5066562		

284145



Sample Name : 284146
Dilution Factor : 1.00
Injection Number : 60
Data File Name : C:\PEAKNET\DATA\060828\060828_060.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

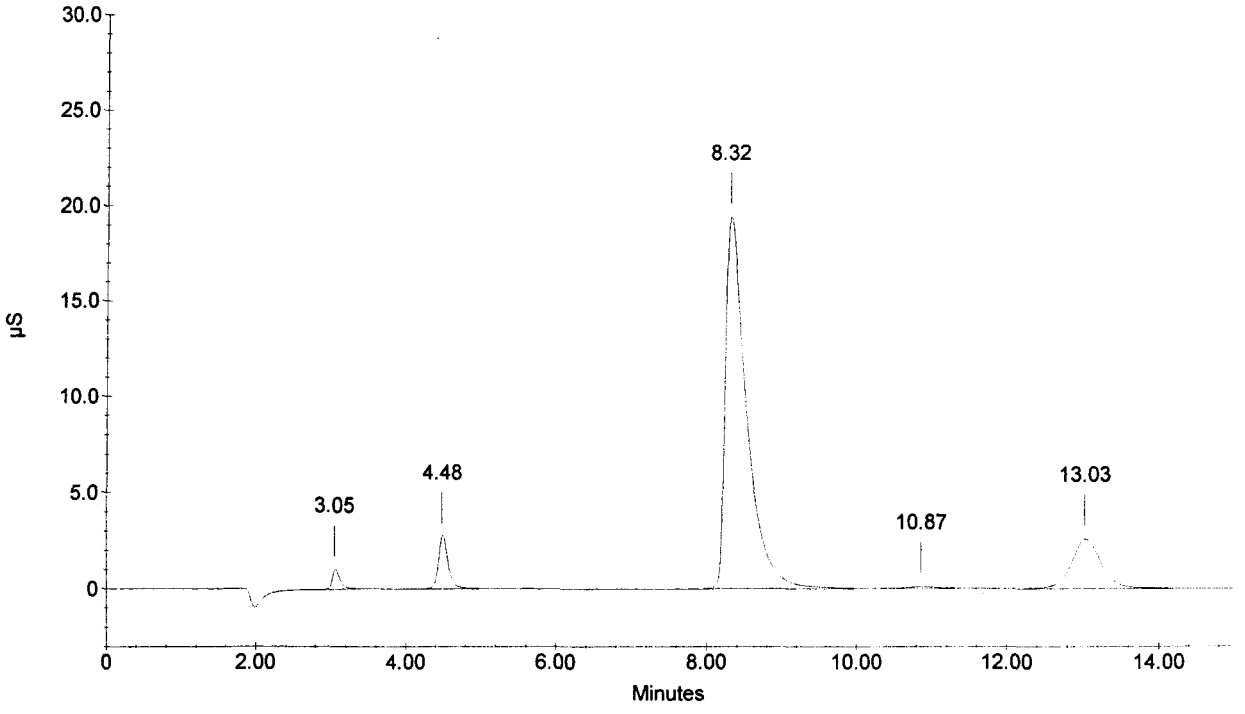
Date Time Collected : 8/29/06 3:55:19 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010105

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.374	10030	75189	1	-1.29
2	4.48	CHLORIDE	1.667	26759	246876	1	-0.81
		NITRITE-N					
		BROMIDE					
3	8.32	NITRATE-N	9.465	193743	3790758	1	1.42
4	10.87	PHOSPHATE-P	0.189	904	20425	1	0.62
5	13.03	SULFATE	6.782	25621	700909	1	-0.20
			---total(s)---				
	0.00		18.476		4834158		

284146



Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 61
Data File Name : C:\PEAKNET\DATA\060828\060828_061.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

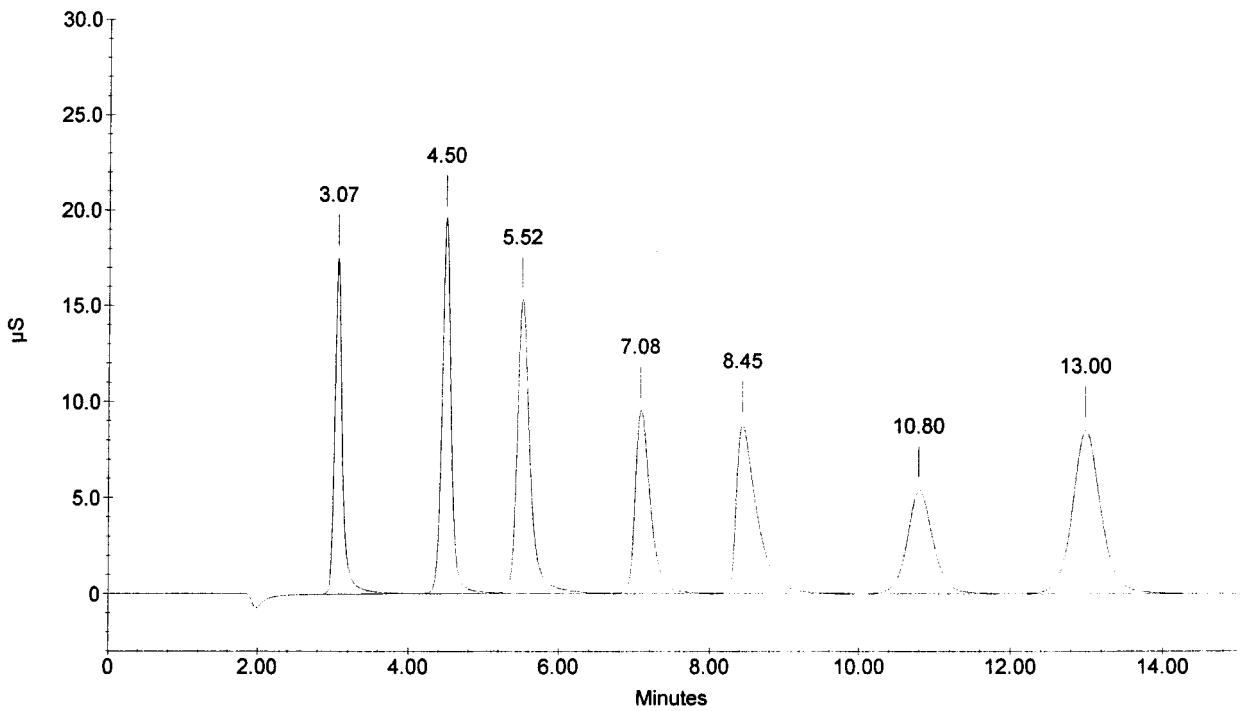
Date Time Collected : 8/29/06 4:13:07 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010106

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.07	FLUORIDE	98.200	174730	1248515	1	-0.76
2	4.50	CHLORIDE	205.816	194939	1661914	2	-0.44
3	5.52	NITRITE-N	105.447	152254	1838641	2	-0.24
4	7.08	BROMIDE	411.017	94880	1355507	2	0.05
5	8.45	NITRATE-N	88.596	87374	1700527	2	3.05
6	10.80	PHOSPHATE-P	196.571	53616	1288462	2	0.00
7	13.00	SULFATE	400.217	84699	2240782	2	-0.46
			---total(s)---				
	0.00		1505.864		11334349		

CCV



Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 62
Data File Name : C:\PEAKNET\DATA\060828\060828_062.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

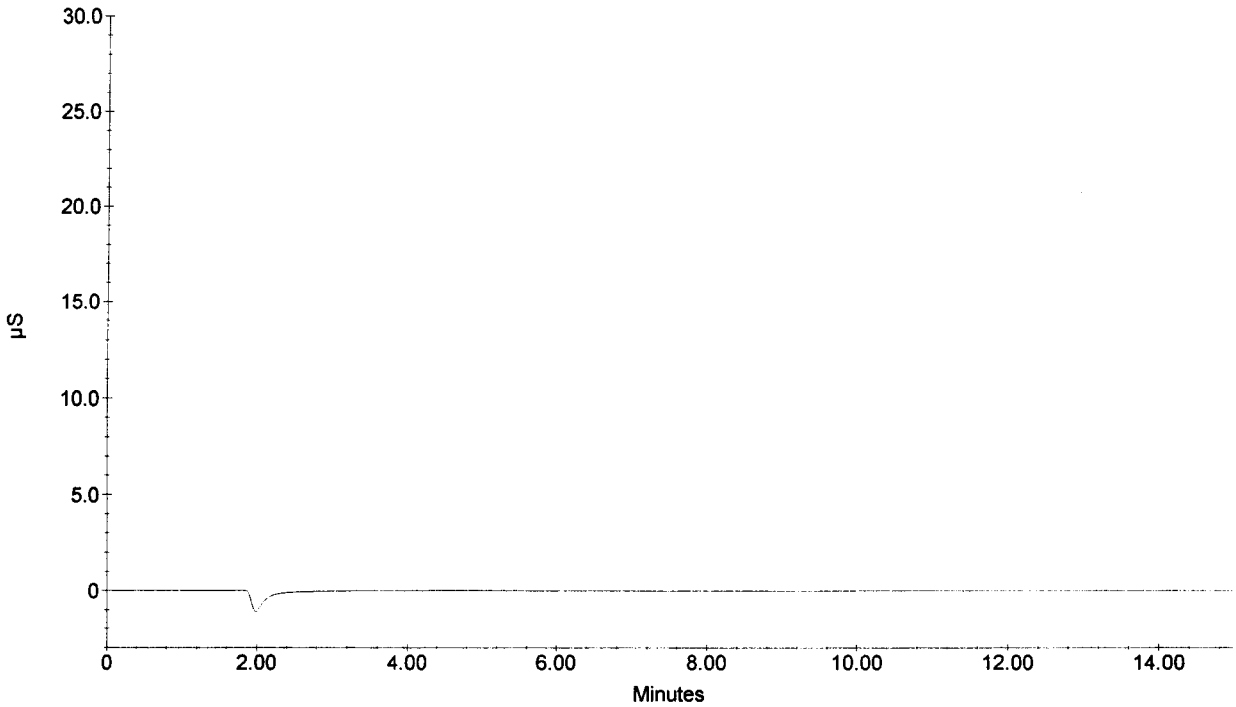
Date Time Collected : 8/29/06 4:30:56 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010107

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	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					
			---total(s)---				
	0.00		0.000		0		

CCB



Sample Name : 284147
Dilution Factor : 1.00
Injection Number : 63
Data File Name : C:\PEAKNET\DATA\060828\060828_063.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

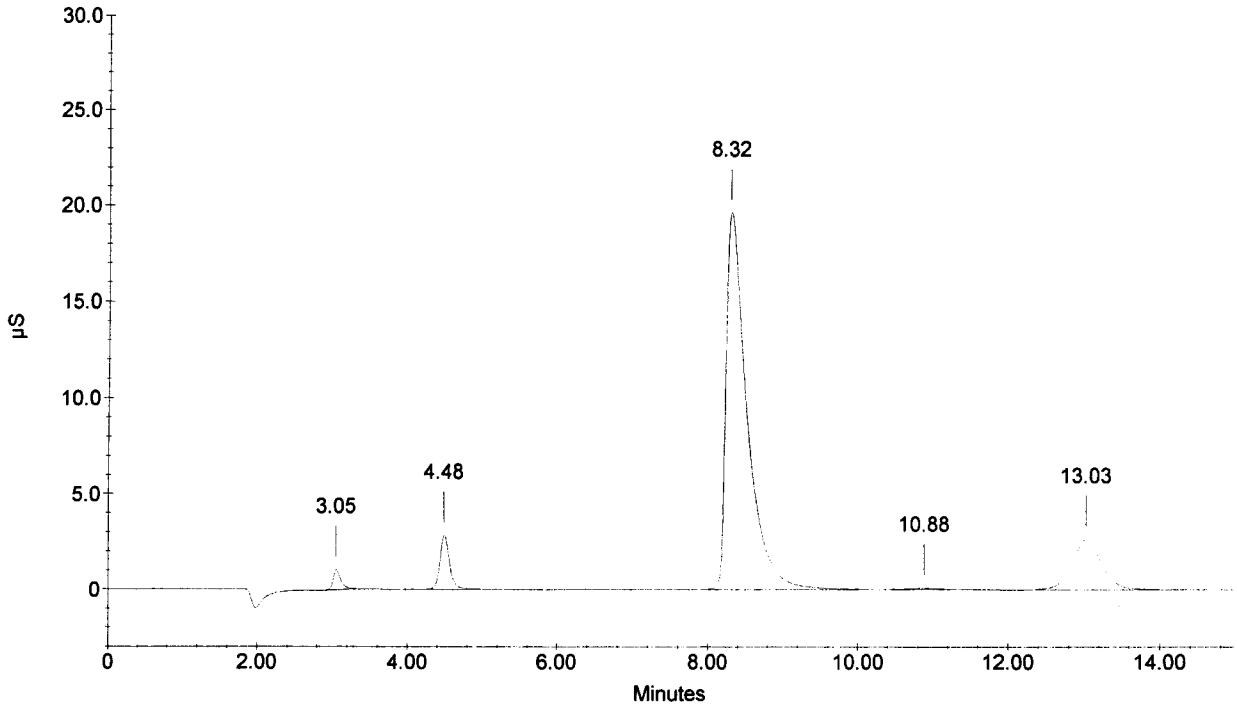
Date Time Collected : 8/29/06 4:48:41 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010108

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.375	10446	75320	1	-1.29
2	4.48	CHLORIDE	1.711	28270	253740	1	-0.81
		NITRITE-N					
		BROMIDE					
3	8.32	NITRATE-N	9.570	195917	3836550	1	1.42
4	10.88	PHOSPHATE-P	0.162	767	17154	1	0.77
5	13.03	SULFATE	6.918	26364	715524	1	-0.20
			---total(s)---				
	0.00		18.736		4898288		

284147



Sample Name : 284148
Dilution Factor : 1.00
Injection Number : 64
Data File Name : C:\PEAKNET\DATA\060828\060828_064.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

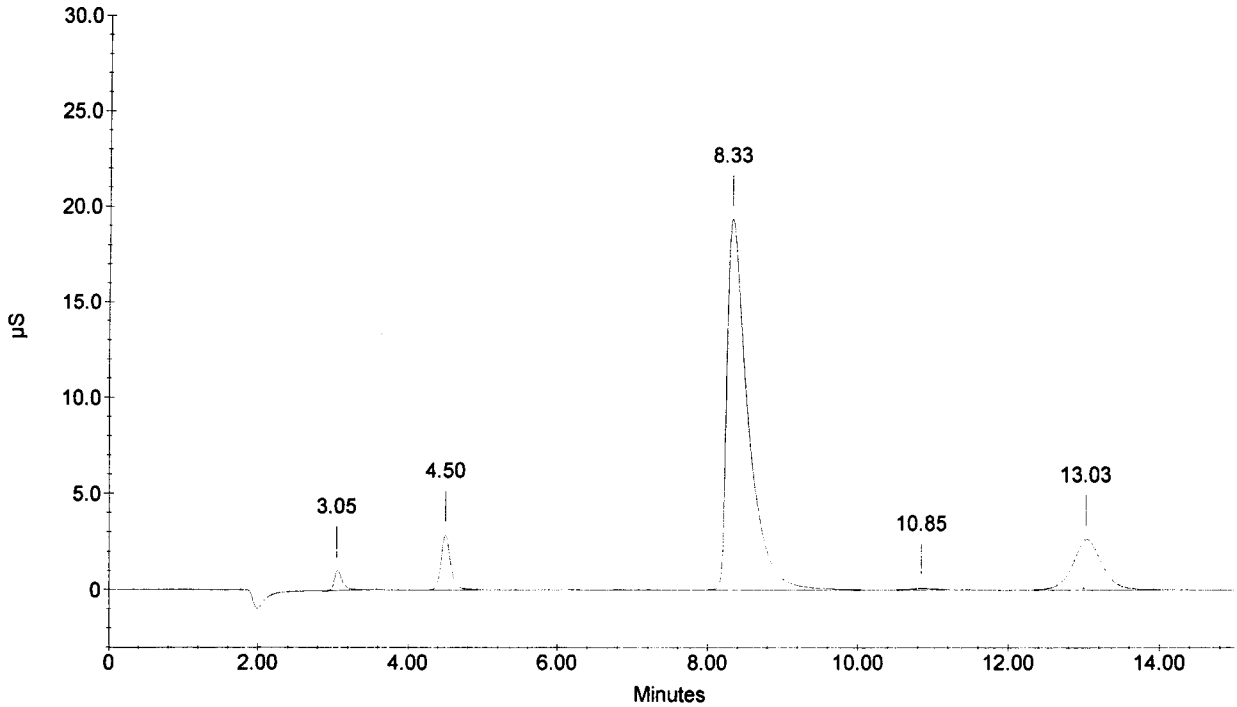
Date Time Collected : 8/29/06 5:06:29 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010109

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.386	10134	78244	1	-1.29
2	4.50	CHLORIDE	1.695	28510	251216	1	-0.44
		NITRITE-N					
		BROMIDE					
3	8.33	NITRATE-N	9.446	193188	3782603	1	1.63
4	10.85	PHOSPHATE-P	0.175	850	18701	1	0.46
5	13.03	SULFATE	6.943	26246	718265	1	-0.20
			---total(s)---				
	0.00		18.645		4849029		

284148



Sample Name : 284149
Dilution Factor : 1.00
Injection Number : 65
Data File Name : C:\PEAKNET\DATA\060828\060828_065.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

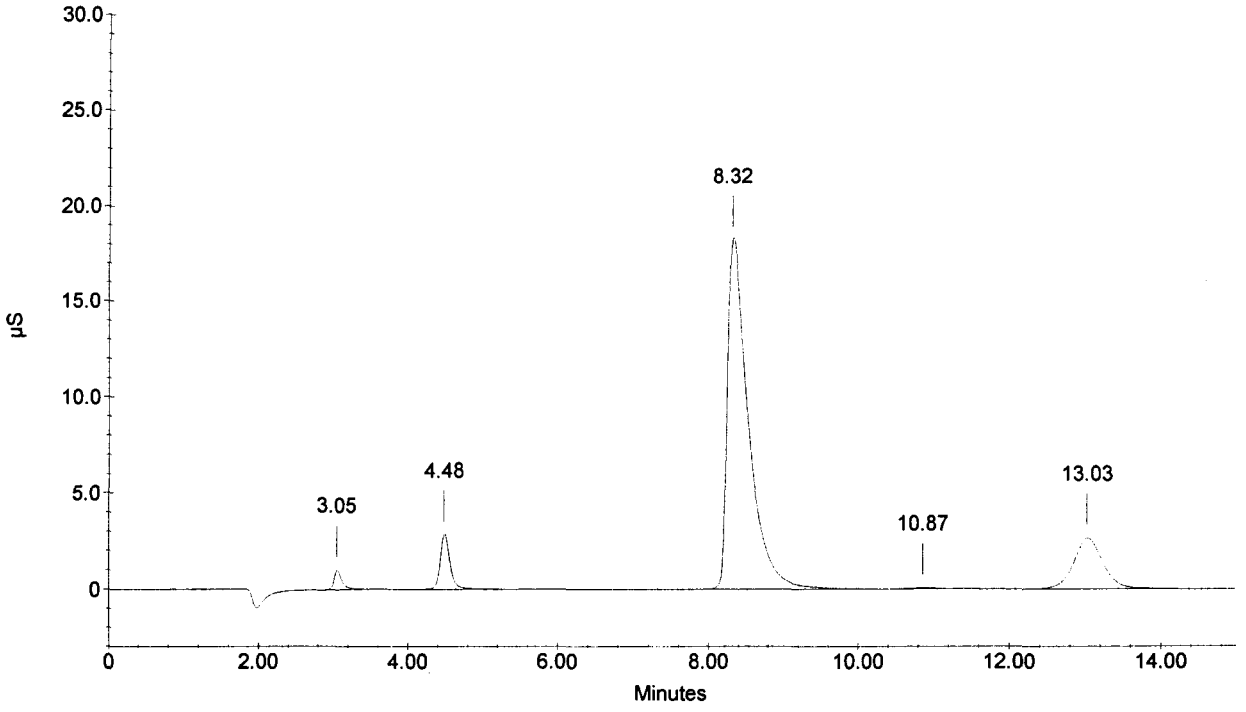
Date Time Collected : 8/29/06 5:24:11 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010110

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.381	10116	77009	1	-1.29
2	4.48	CHLORIDE	1.726	28142	256066	1	-0.81
		NITRITE-N					
		BROMIDE					
3	8.32	NITRATE-N	8.953	181816	3569275	1	1.42
4	10.87	PHOSPHATE-P	0.123	582	12323	1	0.62
5	13.03	SULFATE	6.884	26325	711879	1	-0.20
			---total(s)---				
	0.00		18.067		4626552		

284149



Sample Name : 284150
Dilution Factor : 1.00
Injection Number : 66
Data File Name : C:\PEAKNET\DATA\060828\060828_066.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

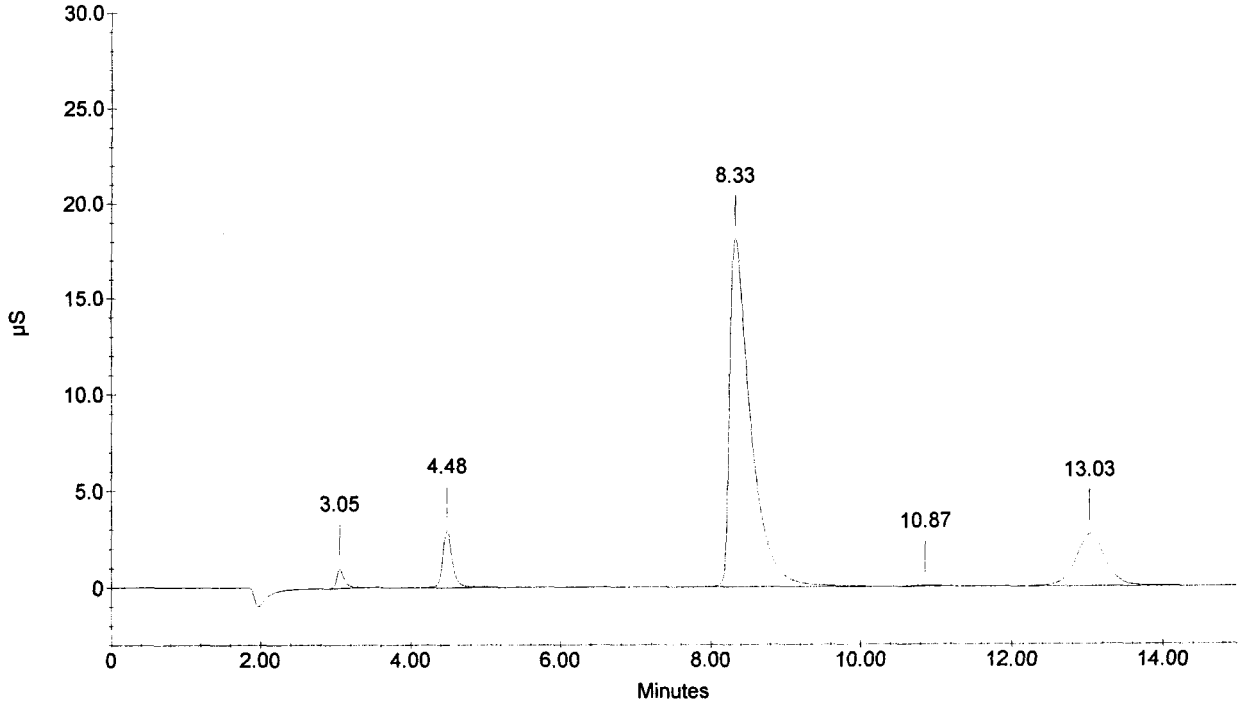
Date Time Collected : 8/29/06 5:41:59 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010111

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.363	10100	72316	1	-1.29
2	4.48	CHLORIDE	1.786	29538	265261	1	-0.81
		NITRITE-N					
		BROMIDE					
3	8.33	NITRATE-N	8.873	181081	3534875	1	1.63
4	10.87	PHOSPHATE-P	0.105	517	10148	1	0.62
5	13.03	SULFATE	7.132	26897	738534	1	-0.20
			---total(s)---				
	0.00		18.258		4621133		

284150



Sample Name : 284151
Dilution Factor : 1.00
Injection Number : 67
Data File Name : ...\060828_067.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

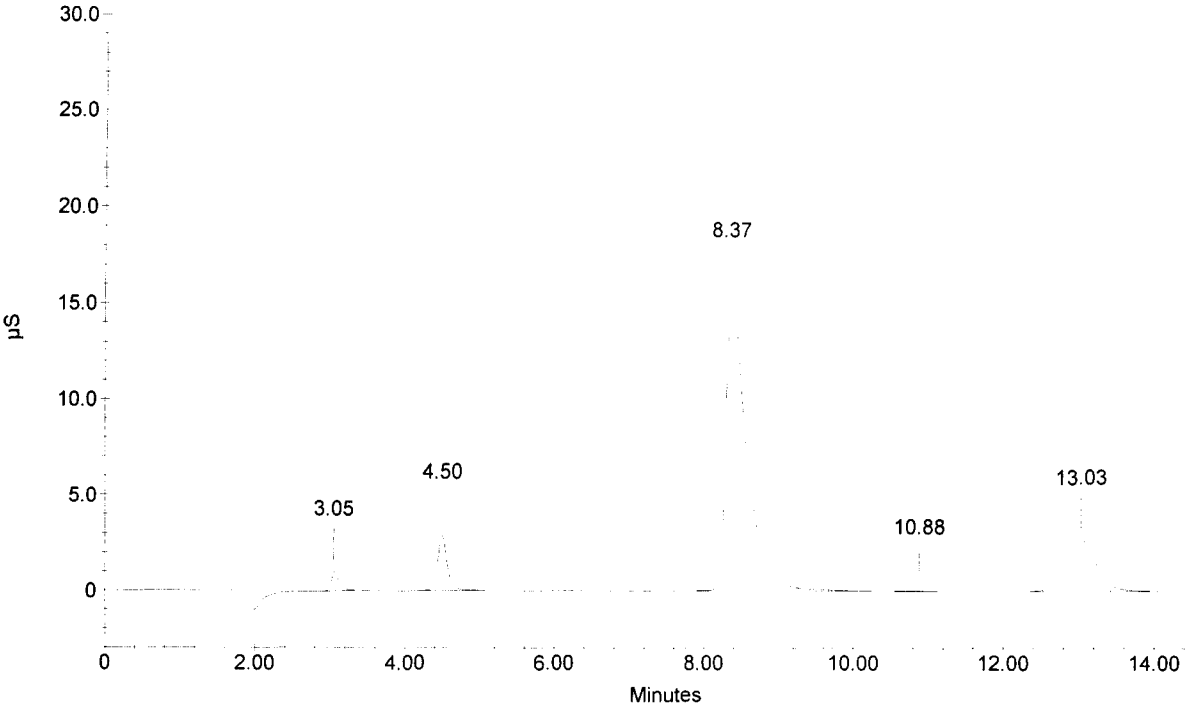
Date Time Collected : 8/29/06 5:59:45 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010112

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.362 ✓	9578	72018	1	-1.29
2	4.50	CHLORIDE	1.710✓	28748	253515	1	-0.44
		NITRITE-N	✓				
		BROMIDE	✓				
3	8.37	NITRATE-N	7.667✓	154419	3022759	2	2.03
4	10.88	PHOSPHATE-P	0.061✓	233	4815	2	0.77
5	13.03	SULFATE	6.848 ✓	26099	707987	1	-0.20
		---total(s)---					
	0.00		16.648		4061093		

284151



Sample Name : 284152
Dilution Factor : 1.00
Injection Number : 68
Data File Name : C:\PEAKNET\DATA\060828\060828_068.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

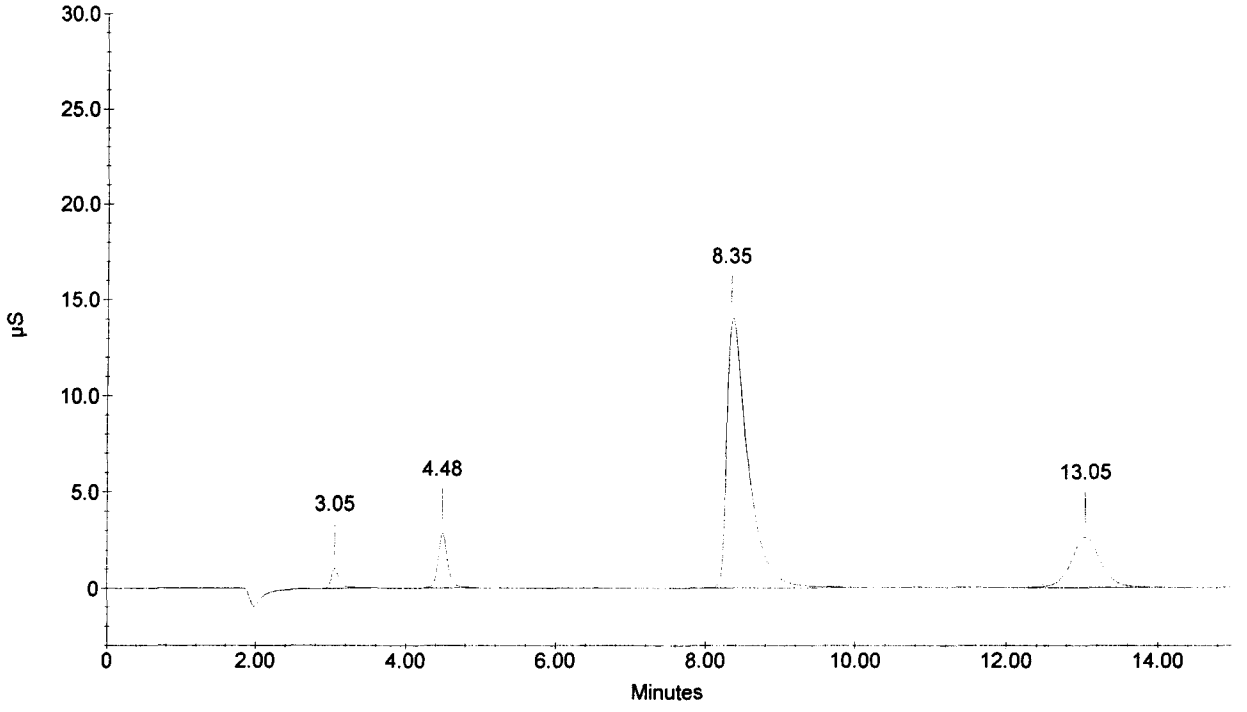
Date Time Collected : 8/29/06 6:17:34 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010113

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.384	10510	77788	1	-1.29
2	4.48	CHLORIDE	1.706	28289	252845	1	-0.81
		NITRITE-N					
		BROMIDE					
3	8.35	NITRATE-N	6.940	139025	2719348	1	1.83
		PHOSPHATE-P					
4	13.05	SULFATE	6.886	26407	712069	1	-0.08
	0.00		---total(s)--- 15.916		3762050		

284152



Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 69
Data File Name : C:\PEAKNET\DATA\060828\060828_069.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

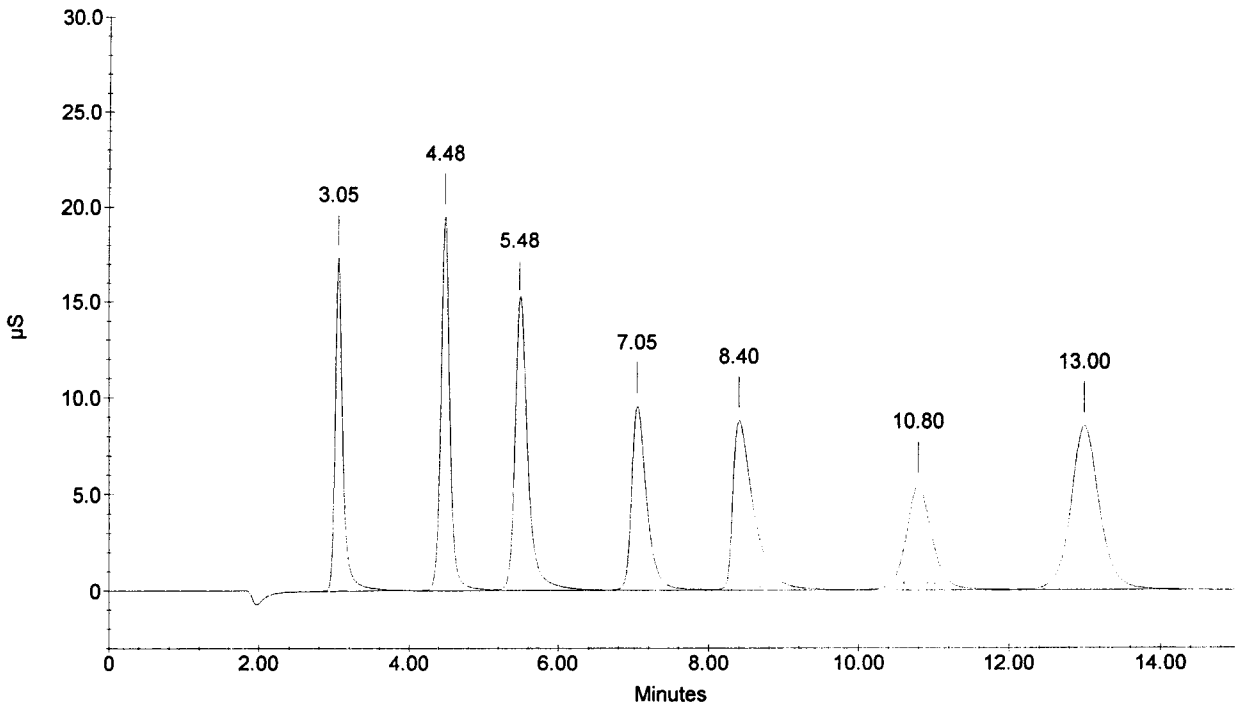
Date Time Collected : 8/29/06 6:35:21 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010114

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	97.260	172905	1236261	1	-1.29
2	4.48	CHLORIDE	203.549	194153	1642023	2	-0.81
3	5.48	NITRITE-N	104.394	148671	1819776	2	-0.84
4	7.05	BROMIDE	407.025	94836	1341082	2	-0.42
5	8.40	NITRATE-N	88.786	87478	1704298	2	2.44
6	10.80	PHOSPHATE-P	199.150	53765	1306784	2	0.00
7	13.00	SULFATE	401.116	84554	2246497	2	-0.46
			---total(s)---				
	0.00		1501.280		11296722		

CCV



Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 70
Data File Name : ...\060828_070.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\28aug06.sch

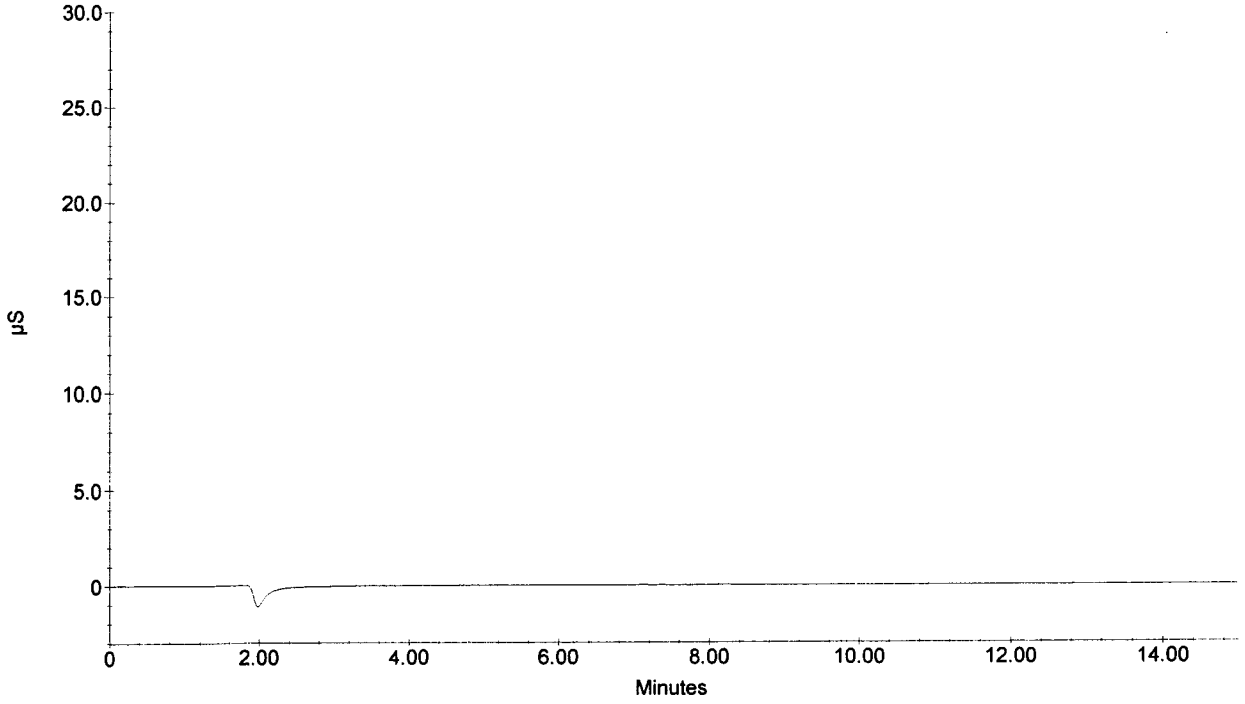
Date Time Collected : 8/29/06 6:53:09 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010115

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	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					
			---total(s)---				
	0.00		0.000		0		

CCB



Schedule File: C:\PeakNet\schedule\060826.sch

Line	Sample	Sample Type	Level	Method	Data File	Dilution
1	BLK	Sample		anions060826.met	060826_001.dxd	1
2	0PPM 14-08-IC6	Calibration St	1	anions060826.met	060826_002.dxd	1
3	0.1PPM 14-07-IC6	Calibration St	2	anions060826.met	060826_003.dxd	1
4	0.5PPM 14-06-IC6	Calibration St	3	anions060826.met	060826_004.dxd	1
5	1PPM 14-05-IC6	Calibration St	4	anions060826.met	060826_005.dxd	1
6	5PPM 14-04-IC6	Calibration St	5	anions060826.met	060826_006.dxd	1
7	10PPM 14-03-IC6	Calibration St	6	anions060826.met	060826_007.dxd	1
8	15PPM 14-02-IC6	Calibration St	7	anions060826.met	060826_008.dxd	1
9	20PPM 14-01-IC6	Calibration St	8	anions060826.met	060826_009.dxd	1
10	ICV	Sample		anions060826.met	060826_010.dxd	20
11	ICB	Sample		anions060826.met	060826_011.dxd	1
12	0.1PPM MDL1	Sample		anions060826.met	060826_012.dxd	1
13	0.1PPM MDL2	Sample		anions060826.met	060826_013.dxd	1
14	0.1PPM MDL3	Sample		anions060826.met	060826_014.dxd	1
15	0.1PPM MDL4	Sample		anions060826.met	060826_015.dxd	1
16	0.1PPM MDL5	Sample		anions060826.met	060826_016.dxd	1
17	0.1PPM MDL6	Sample		anions060826.met	060826_017.dxd	1
18	0.1PPM MDL7	Sample		anions060826.met	060826_018.dxd	1
19	CCV	Sample		anions060826.met	060826_019.dxd	20
20	CCB	Sample		anions060826.met	060826_020.dxd	1
21	0.05 PPM MDL1	Sample		anions060826.met	060826_021.dxd	1
22	0.05 PPM MDL2	Sample		anions060826.met	060826_022.dxd	1
23	0.05 PPM MDL3	Sample		anions060826.met	060826_023.dxd	1
24	0.05 PPM MDL4	Sample		anions060826.met	060826_024.dxd	1
25	0.05 PPM MDL5	Sample		anions060826.met	060826_025.dxd	1
26	0.05 PPM MDL6	Sample		anions060826.met	060826_026.dxd	1
27	0.05 PPM MDL7	Sample		anions060826.met	060826_027.dxd	1
28	CCV	Sample		anions060826.met	060826_028.dxd	20
29	CCB	Sample		anions060826.met	060826_029.dxd	1

010116

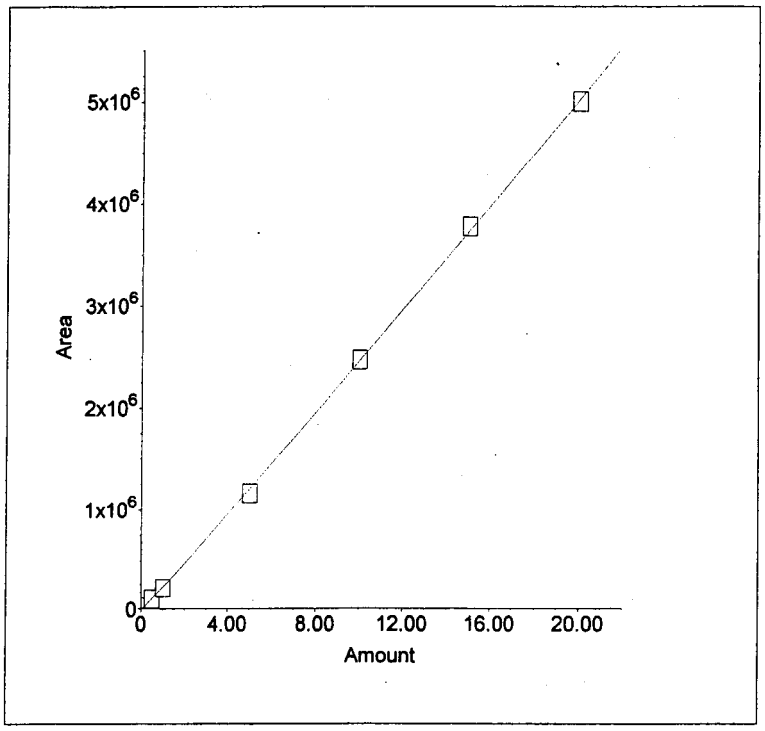
Default Method Path: C:\PEAKNET\METHOD
Default Data Path: C:\PEAKNET\DATA\060826
Comment:
METHODS: EPA 300.0 & SW 846 9056

ICV Sources:
1) SPEX LOT#33-13AS (INORG#5966)
   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) 08-01-IC6
   NO2N 109 mg/L

R Spies
8/26/06

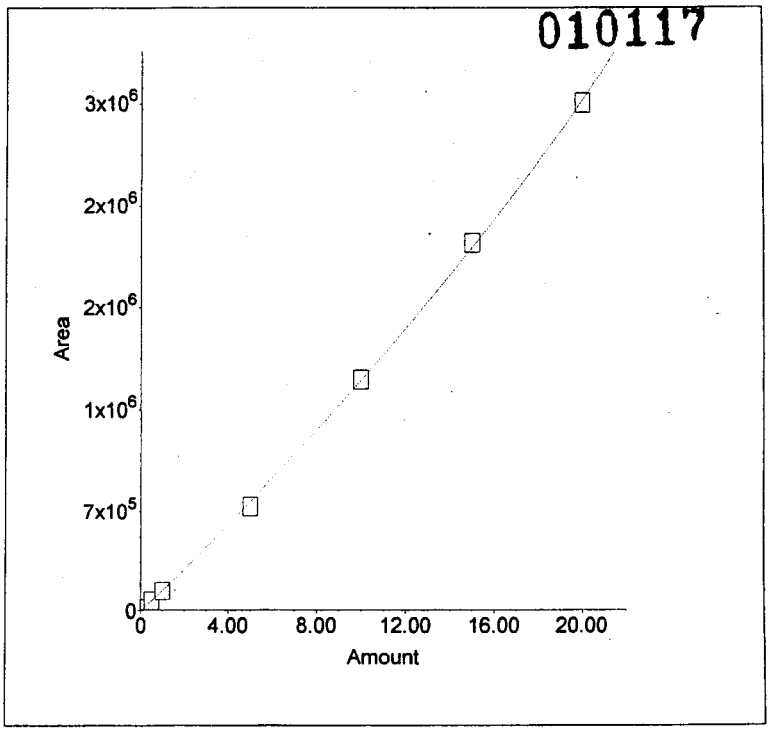
Method:C:\PEAKNET\METHOD\ANIONS060826.MET Updated:8/28/06 7:58:44 AM Total:7

1. Component:FLUORIDE
Standard:External Fit Type:Quadratic
Origin:Include Calibration:Area
r^2=0.999789
Amt=-2.517535e-014*Resp²+
3.899170e-006*Resp+0.08106

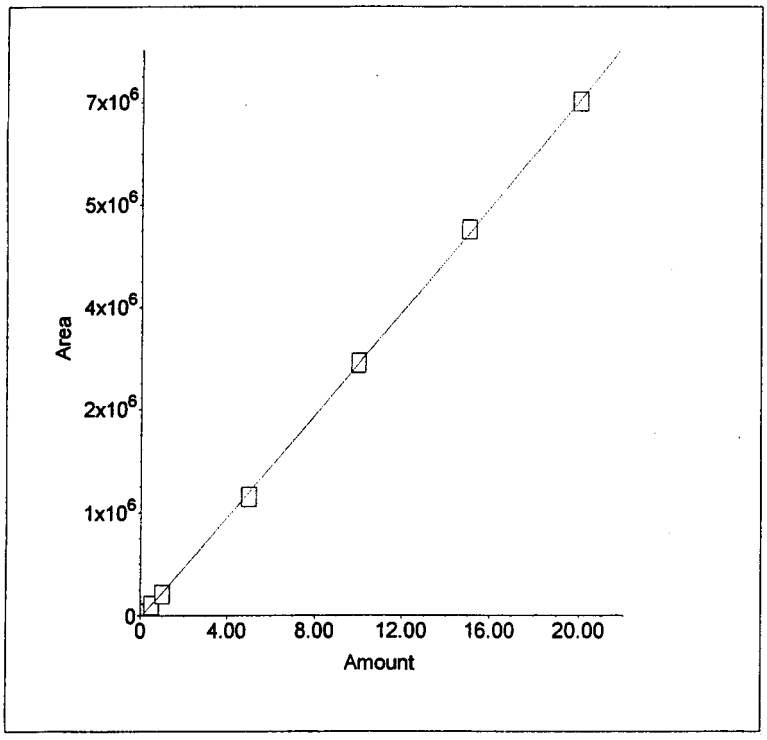


2. Component:CHLORIDE
Standard:External Fit Type:Quadratic
Origin:Include Calibration:Area
r^2=0.999813
Amt=-2.842866e-013*Resp²+
6.637220e-006*Resp+0.04549

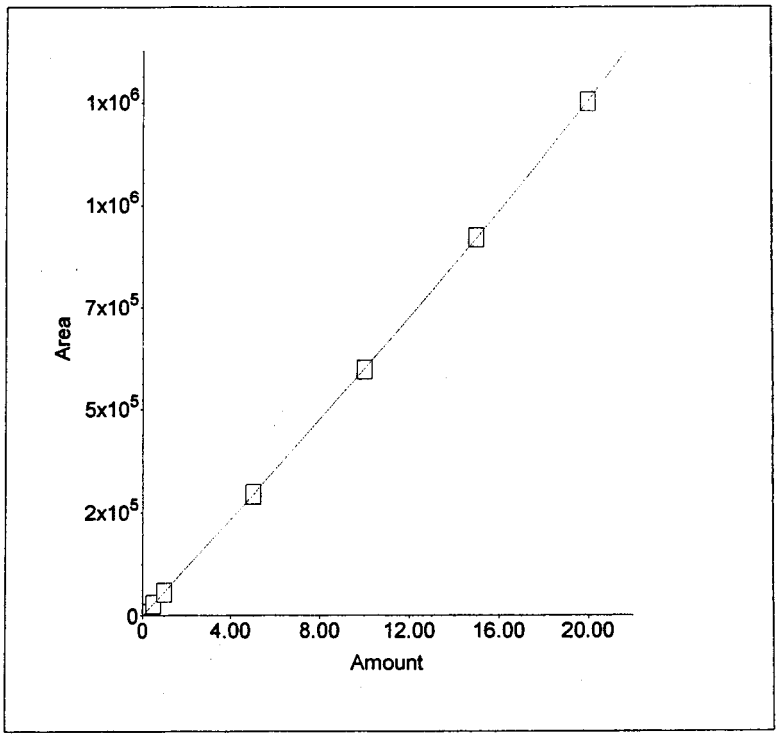
010117



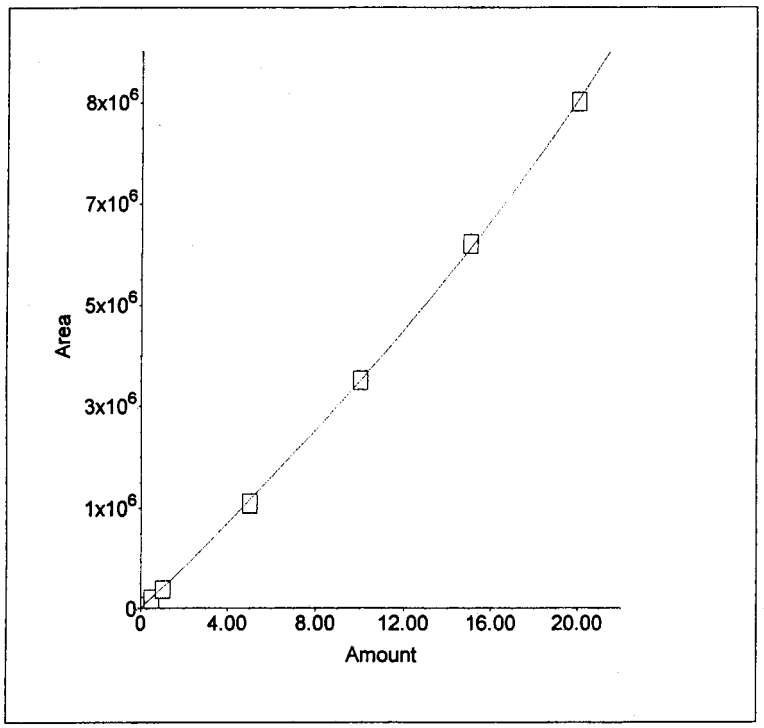
3. Component:NITRITE-N
Standard:External Fit Type:Quadratic
Origin:Include Calibration:Area
r^2=0.999819
Amt=-1.838713e-014*Resp²+
2.859265e-006*Resp+0.07736



4. Component:BROMIDE
Standard:External Fit Type:Quadratic
Origin:Include Calibration:Area
r^2=0.999988
Amt=-9.781434e-013*Resp²+
1.647401e-005*Resp+0.01744

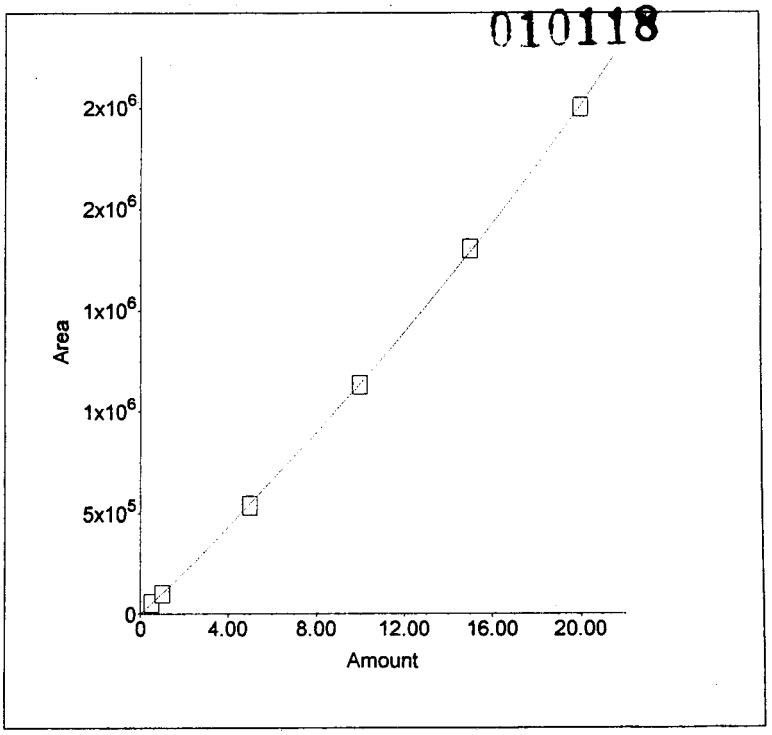


5. Component:NITRATE-N
Standard:External Fit Type:Quadratic
Origin:Force Calibration:Area
r^2=0.999792
Amt=-5.173414e-014*Resp²+
2.692937e-006*Resp+0

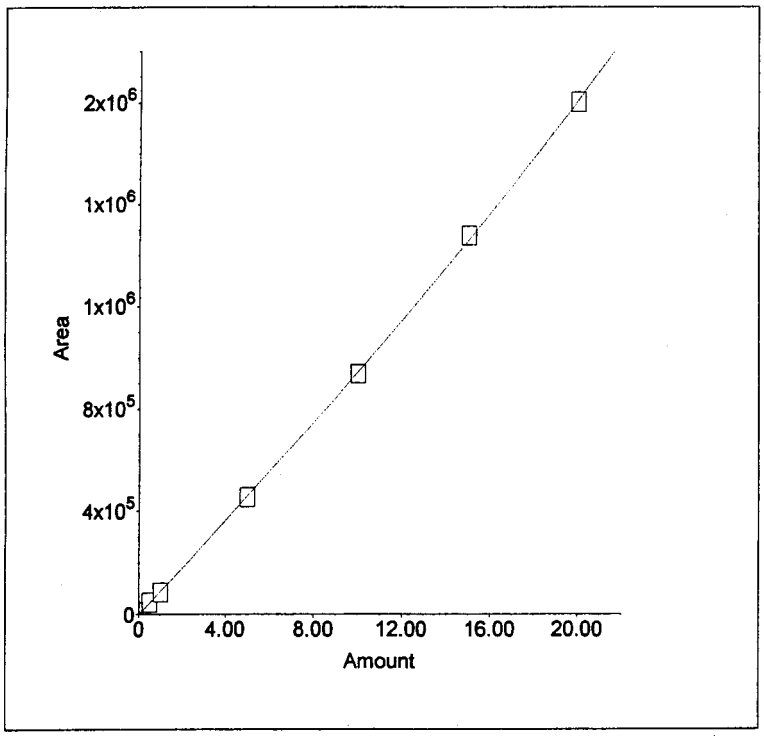


6. Component:PHOSPHATE-P
Standard:External Fit Type:Quadratic
Origin:Include Calibration:Area
r^2=0.999934
Amt=-4.395069e-013*Resp²+
8.177415e-006*Resp+0.02191

010118



7. Component:SULFATE
Standard:External Fit Type:Quadratic
Origin:Include Calibration:Area
r^2=0.999903
Amt=-4.685890e-013*Resp²+
9.969362e-006*Resp+0.02452



Sample Name : BLK
Dilution Factor : 1.00
Injection Number : 1
Data File Name : c:\peaknet\data\060826\060826_001.DXD
Method File Name : c:\peaknet\method\anions060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

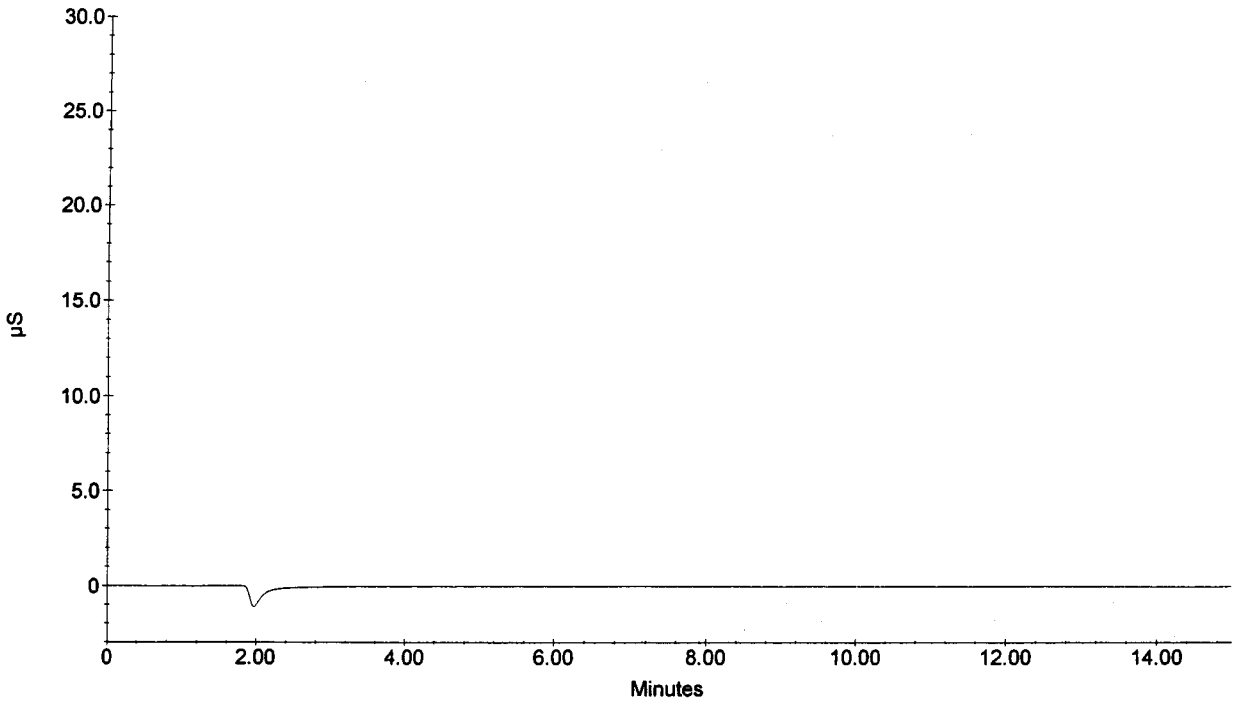
Date Time Collected : 8/26/06 1:46:17 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSP'IES

010119

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	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					
			---total(s)---				
	0.00		0.000		0		

BLK



Sample Name : 0PPM 14-08-IC6
Dilution Factor : 1.00
Injection Number : 2
Data File Name : ...\060826_002.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

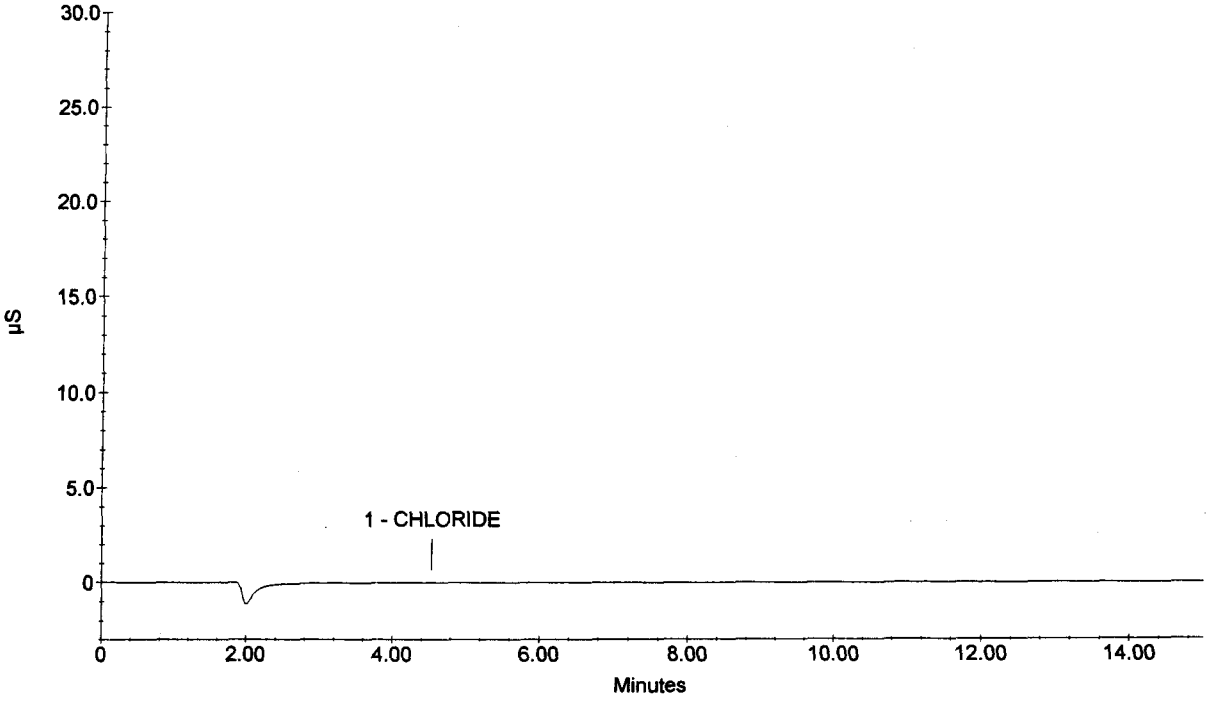
Date Time Collected : 8/26/06 2:03:57 PM
Date Time Updated : 8/28/06 7:38:48 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010120

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	4.53	CHLORIDE	0.00	1612	195
1	4.53	CHLORIDE	0.00	1612	195
		NITRITE-N			
		BROMIDE			
		NITRATE-N			
		PHOSPHATE-P			
		SULFATE			

0PPM 14-08-IC6



Sample Name : 0.1PPM 14-07-IC6
Dilution Factor : 1.00
Injection Number : 3
Data File Name : ...\060826_003.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

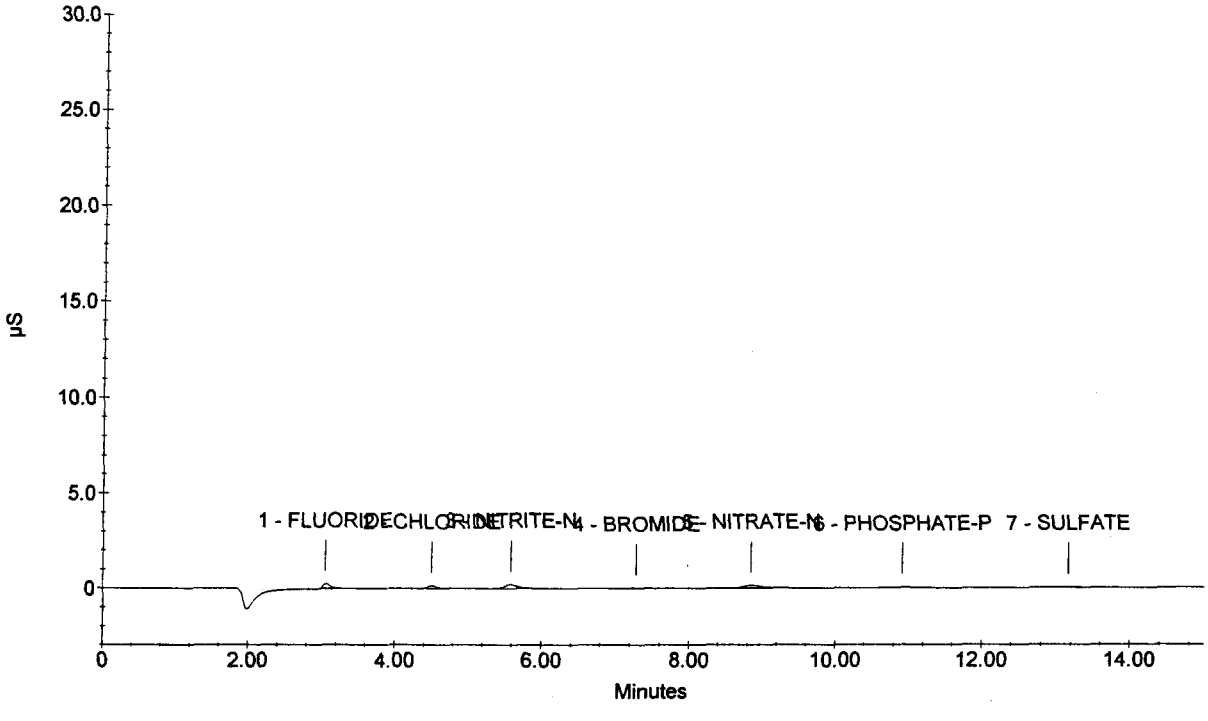
Date Time Collected : 8/26/06 2:21:35 PM
Date Time Updated : 8/28/06 7:38:48 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010121

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.05	FLUORIDE	0.10	19156	2553
2	4.50	CHLORIDE	0.10	13701	1510
3	5.58	NITRITE-N	0.10	28686	2273
4	7.28	BROMIDE	0.10	5061	334
5	8.85	NITRATE-N	0.10	31047	1516
6	10.92	PHOSPHATE-P	0.10	12286	470
7	13.17	SULFATE	0.10	10354	390

0.1PPM 14-07-IC6



Sample Name : 0.5PPM 14-06-IC6
Dilution Factor : 1.00
Injection Number : 4
Data File Name : ...\060826_004.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

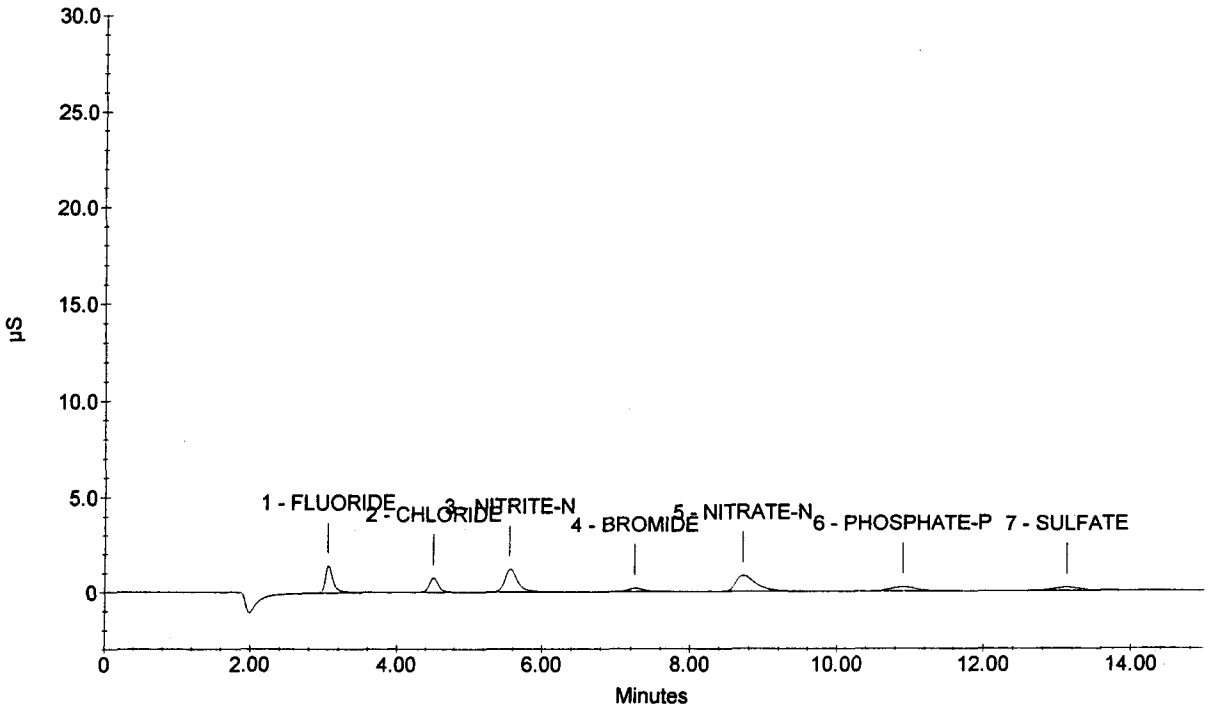
Date Time Collected : 8/26/06 2:39:15 PM
Date Time Updated : 8/28/06 7:38:48 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010122

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.05	FLUORIDE	0.50	107784	13936
2	4.50	CHLORIDE	0.50	68715	7543
3	5.55	NITRITE-N	0.50	148748	11679
4	7.25	BROMIDE	0.50	28812	1844
5	8.72	NITRATE-N	0.50	164580	8283
6	10.90	PHOSPHATE-P	0.50	63022	2314
7	13.13	SULFATE	0.50	50470	1793

0.5PPM 14-06-IC6



Sample Name : 1PPM 14-05-IC6
Dilution Factor : 1.00
Injection Number : 5
Data File Name : ...\060826_005.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

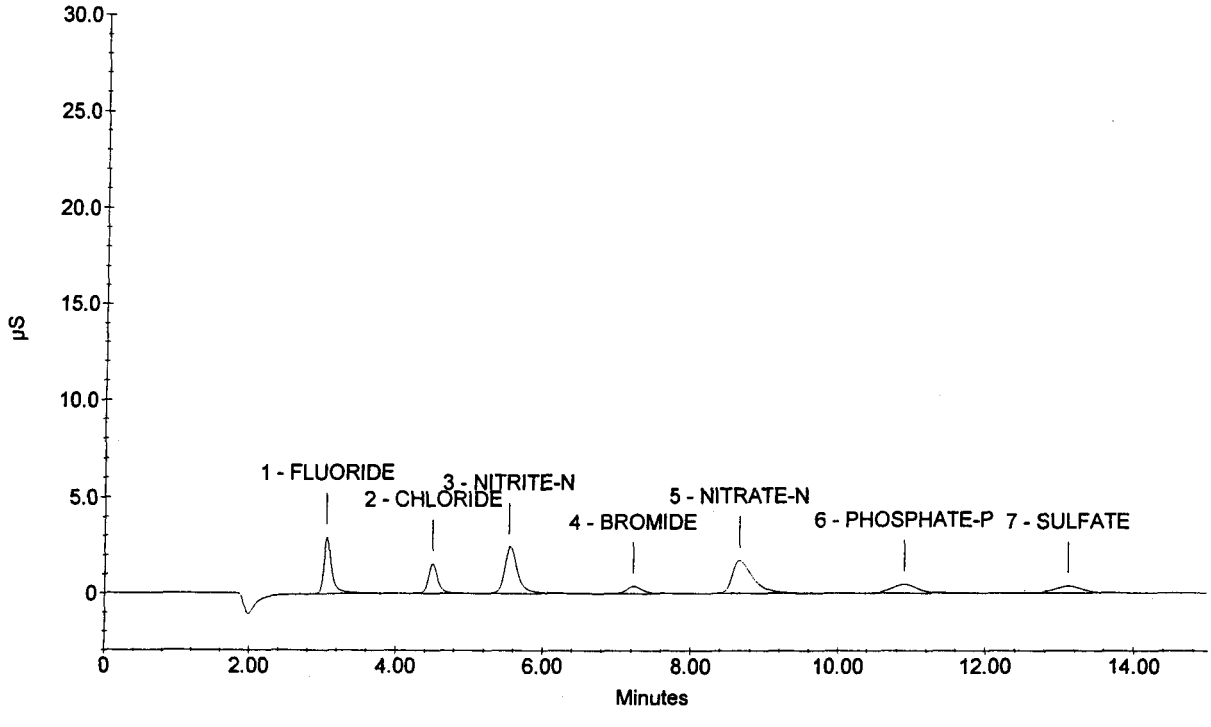
Date Time Collected : 8/26/06 2:56:54 PM
Date Time Updated : 8/28/06 7:38:49 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010123

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.05	FLUORIDE	1.00	225822	29308
2	4.50	CHLORIDE	1.00	141216	15529
3	5.53	NITRITE-N	1.00	305786	24004
4	7.22	BROMIDE	1.00	59390	3782
5	8.65	NITRATE-N	1.00	340074	17081
6	10.90	PHOSPHATE-P	1.00	116666	4584
7	13.12	SULFATE	1.00	94817	3540

1PPM 14-05-IC6



Sample Name : 5PPM 14-04-IC6
Dilution Factor : 1.00
Injection Number : 6
Data File Name : ...\060826_006.DXD
Method File Name : C:\PeakNet\method\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

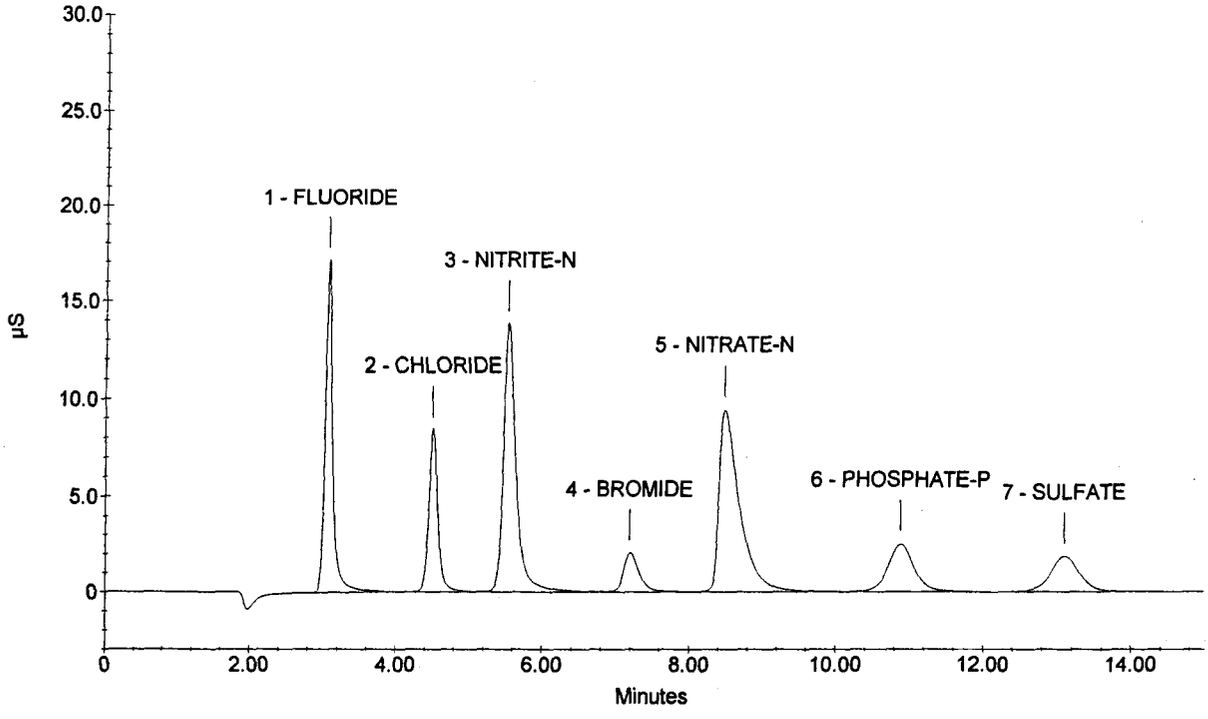
Date Time Collected : 8/26/06 3:14:33 PM
Date Time Updated : 8/28/06 7:40:50 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010124

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.07	FLUORIDE	5.00	1219655	170834
2	4.50	CHLORIDE	5.00	737568	83501
3	5.53	NITRITE-N	5.00	1676308	137385
4	7.18	BROMIDE	5.00	308669	20197
5	8.48	NITRATE-N	5.00	1858329	93837
6	10.88	PHOSPHATE-P	5.00	620253	24802
7	13.10	SULFATE	5.00	505266	18372

5PPM 14-04-IC6



Sample Name : 10PPM 14-03-IC6
Dilution Factor : 1.00
Injection Number : 7
Data File Name : ...\060826_007.DXD
Method File Name : C:\PeakNet\method\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

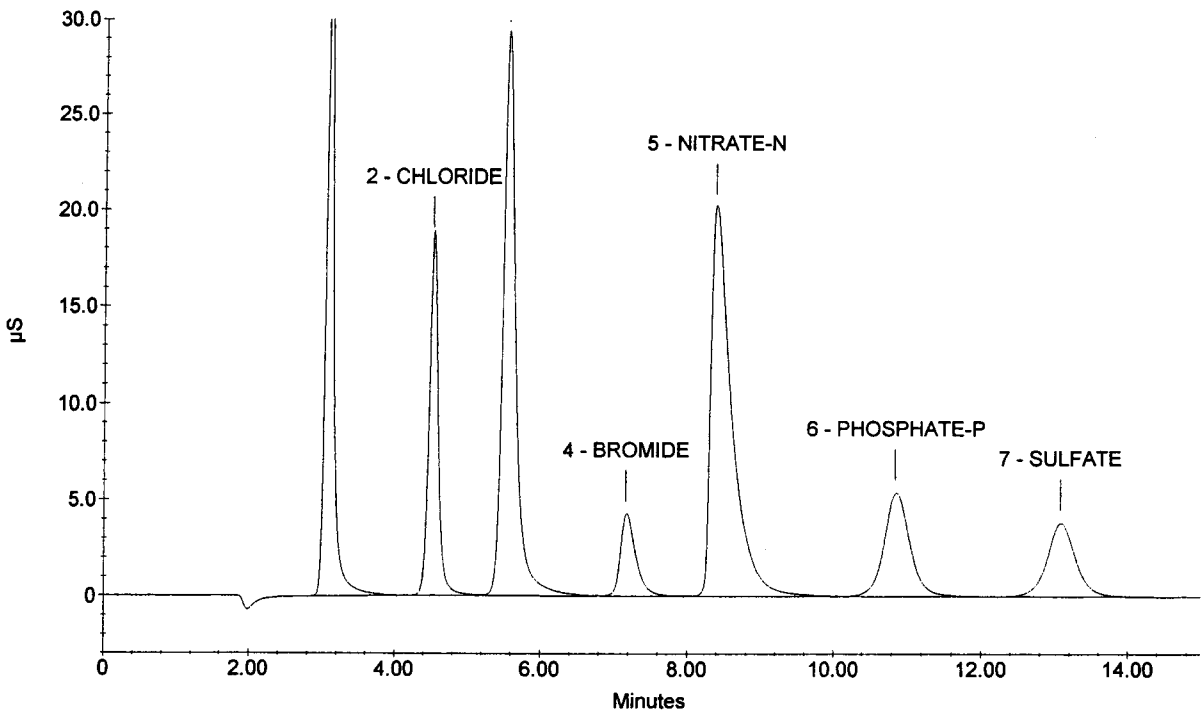
Date Time Collected : 8/26/06 3:32:12 PM
Date Time Updated : 8/28/06 7:42:13 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010125

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.08	FLUORIDE	10.00	2593593	354129
2	4.52	CHLORIDE	10.00	1613751	183575
3	5.55	NITRITE-N	10.00	3558942	291904
4	7.17	BROMIDE	10.00	626667	42374
5	8.38	NITRATE-N	10.00	4022908	201351
6	10.85	PHOSPHATE-P	10.00	1306455	53627
7	13.08	SULFATE	10.00	1044181	38351

10PPM 14-03-IC6



Sample Name : ICV
Dilution Factor : 20.00
Injection Number : 10
Data File Name : c:\peaknet\data\060826\060826_010.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

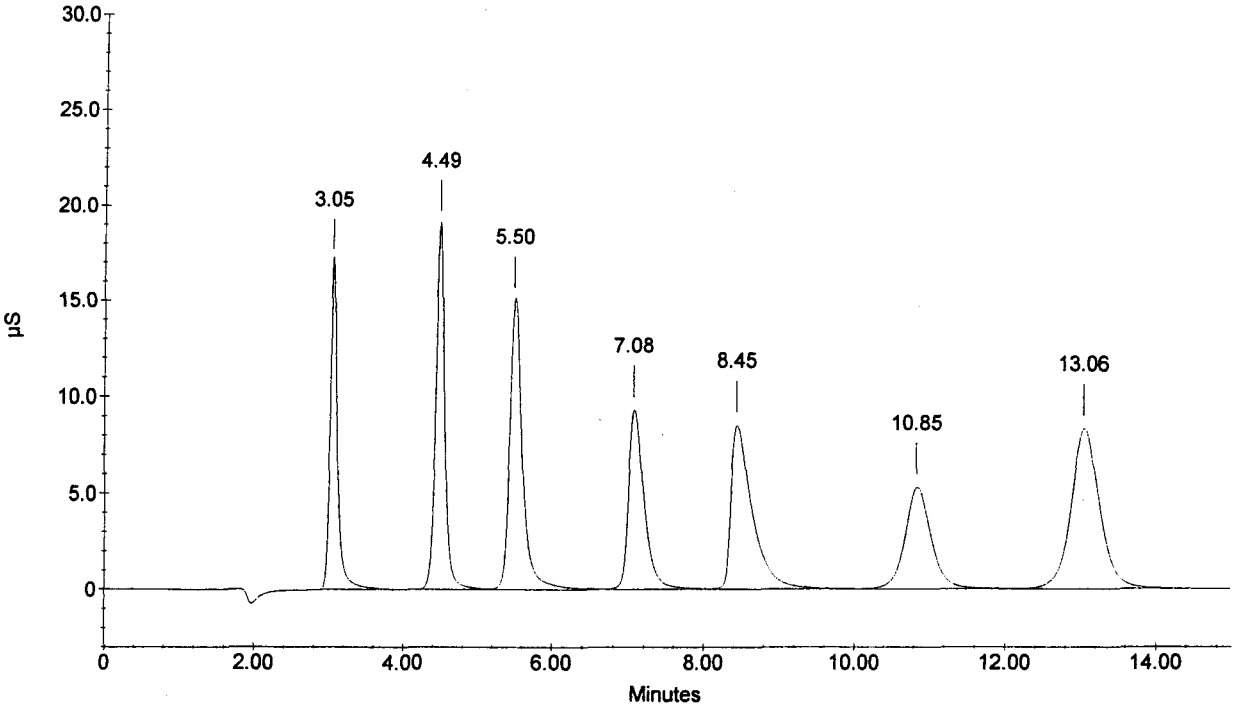
Date Time Collected : 8/26/06 4:25:09 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010126

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	95.720	169596	1216203	1	-1.29
2	4.49	CHLORIDE	201.249	189929	1621878	2	-0.66
3	5.50	NITRITE-N	104.814	149963	1827305	2	-0.48
4	7.08	BROMIDE	408.453	92764	1346240	2	-0.05
5	8.45	NITRATE-N	88.149	85015	1691639	2	3.05
6	10.85	PHOSPHATE-P	197.562	52786	1295500	2	0.46
7	13.06	SULFATE	397.971	83036	2226522	2	0.03
			---total(s)---				
	0.00		1493.918		11225288		

ICV



Sample Name : ICB
Dilution Factor : 1.00
Injection Number : 11
Data File Name : c:\peaknet\data\060826\060826_011.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

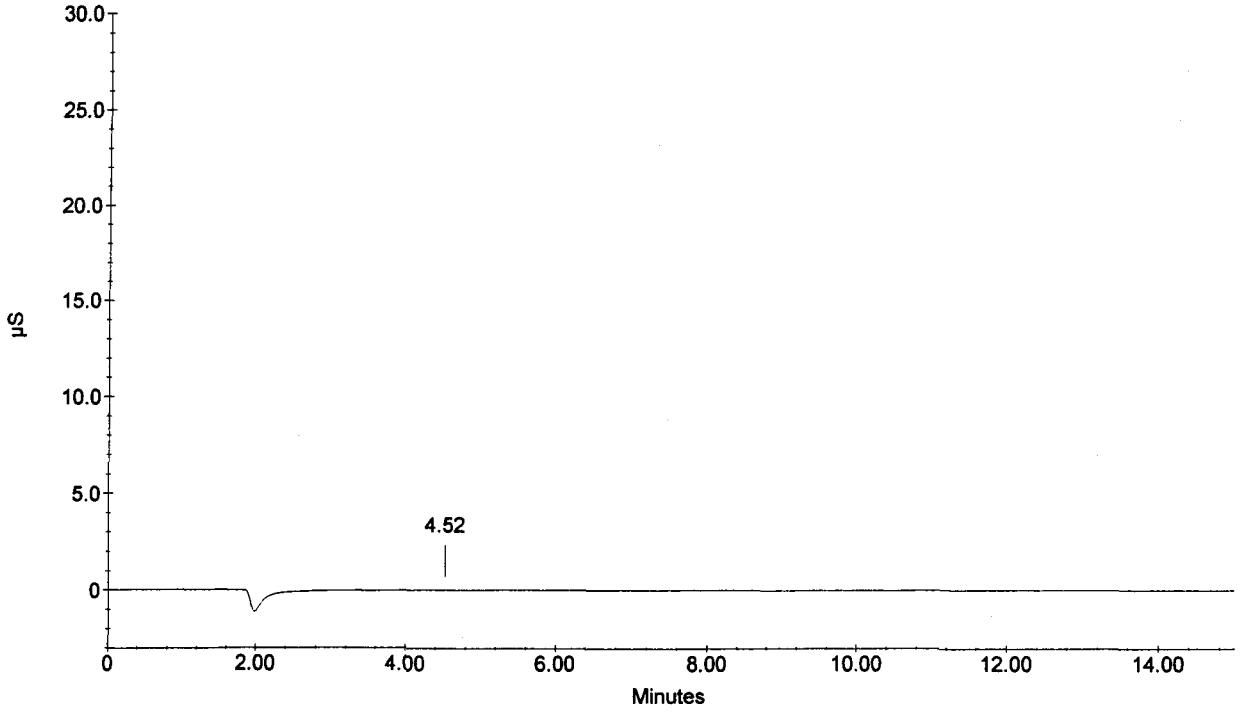
Date Time Collected : 8/26/06 4:42:48 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010127

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	4.52	CHLORIDE	0.050	88	649	1	-0.07
1	4.52	CHLORIDE	0.050	88	649	1	-0.07
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
		PHOSPHATE-P					
		SULFATE					
			---total(s)---				
	0.00		0.100		1297		

ICB



Sample Name : 0.1PPM MDL1
Dilution Factor : 1.00
Injection Number : 12
Data File Name : c:\peaknet\data\060826\060826_012.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

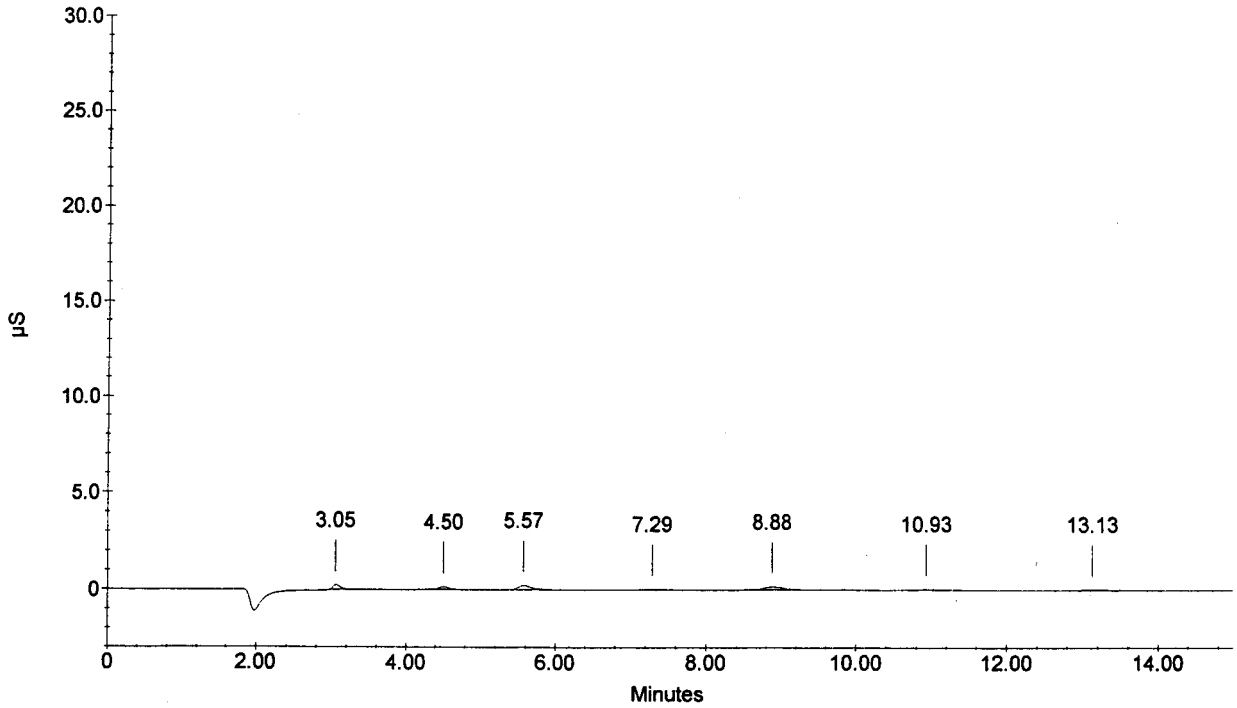
Date Time Collected : 8/26/06 5:00:27 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010128

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.149	2559	17505	1	-1.29
2	4.50	CHLORIDE	0.139✓	1536	14161	1	-0.37
3	5.57	NITRITE-N	0.158	2262	28307	1	0.72
4	7.29	BROMIDE	0.103✓	353	5184	1	2.97
5	8.88	NITRATE-N	0.084✓	1526	31327	1	8.25
6	10.93	PHOSPHATE-P	0.108✓	454	10474	1	1.20
7	13.13	SULFATE	0.104✓	342	7981	1	0.54
			---total(s)---				
	0.00		0.846		114939		

0.1PPM MDL1



Sample Name : 0.1PPM MDL2
Dilution Factor : 1.00
Injection Number : 13
Data File Name : c:\peaknet\data\060826\060826_013.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

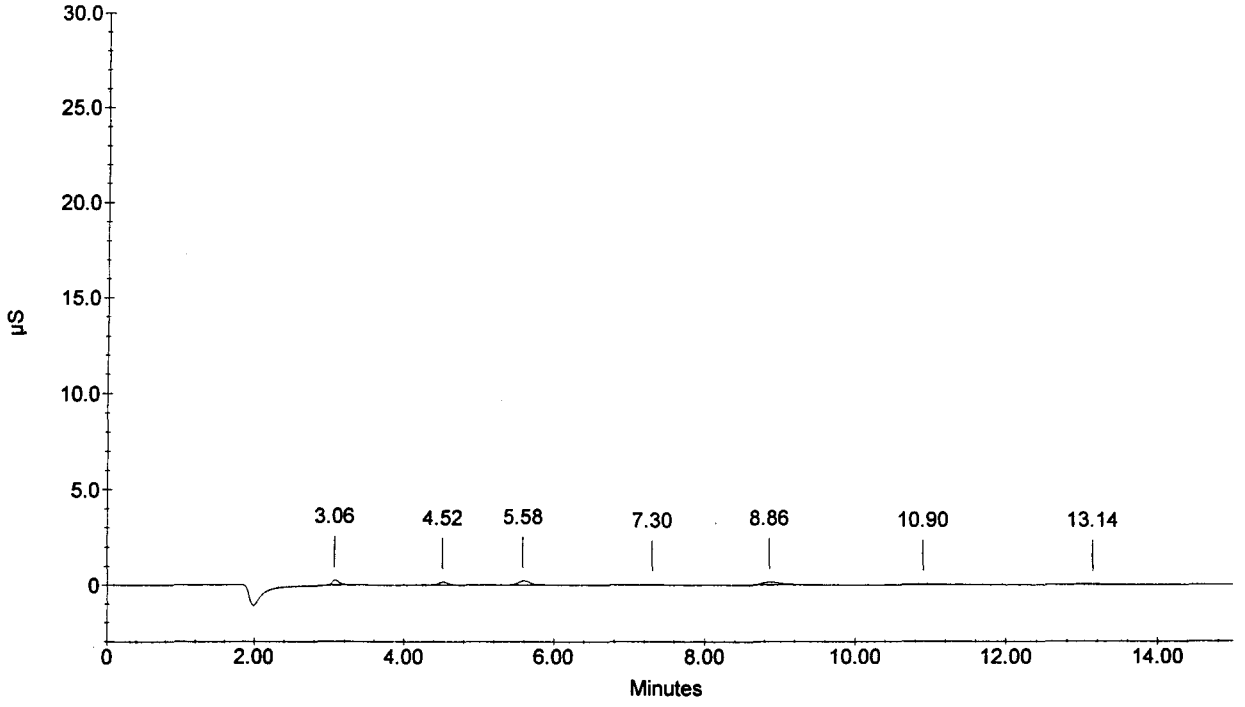
Date Time Collected : 8/26/06 5:18:07 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010129

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.06	FLUORIDE	0.147	2557	16799	1	-0.86
2	4.52	CHLORIDE	0.151	1686	15935	1	-0.07
3	5.58	NITRITE-N	0.154	2215	26730	1	0.96
4	7.30	BROMIDE	0.084	311	4033	1	3.15
5	8.86	NITRATE-N	0.084	1531	31118	1	8.09
6	10.90	PHOSPHATE-P	0.109	458	10666	1	0.96
7	13.14	SULFATE	0.108	349	8328	1	0.64
			---total(s)---				
	0.00		0.836		113610		

0.1PPM MDL2



Sample Name : 0.1PPM MDL3
Dilution Factor : 1.00
Injection Number : 14
Data File Name : c:\peaknet\data\060826\060826_014.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

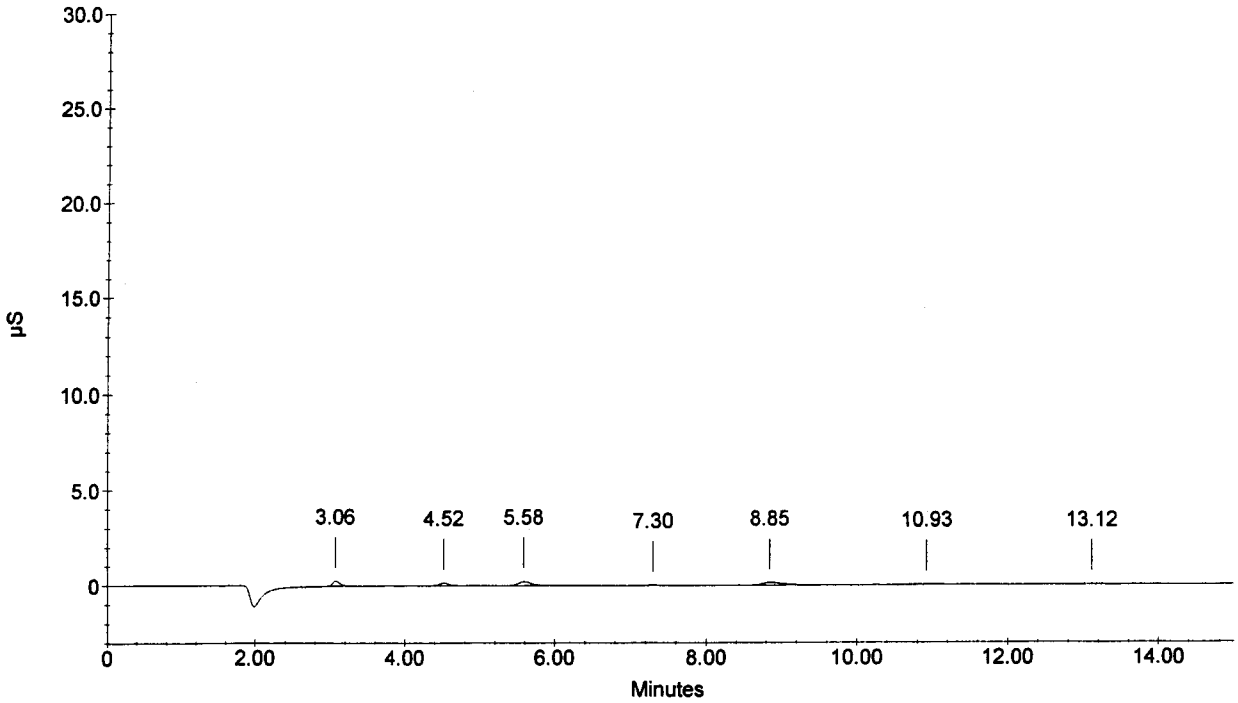
Date Time Collected : 8/26/06 5:35:46 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010130

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.06	FLUORIDE	0.149	2578	17409	1	-0.86
2	4.52	CHLORIDE	0.135✓	1540	13523	1	-0.07
3	5.58	NITRITE-N	0.155	2245	27243	1	0.96
4	7.30	BROMIDE	0.096✓	331	4765	1	3.15
5	8.85	NITRATE-N	0.077✓	1469	28741	1	7.93
6	10.93	PHOSPHATE-P	0.107✓	459	10354	1	1.20
7	13.12	SULFATE	0.099✓	317	7505	1	0.43
			---total(s)---				
	0.00		0.818		109540		

0.1PPM MDL3



Sample Name : 0.1PPM MDL4
Dilution Factor : 1.00
Injection Number : 15
Data File Name : c:\peaknet\data\060826\060826_015.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

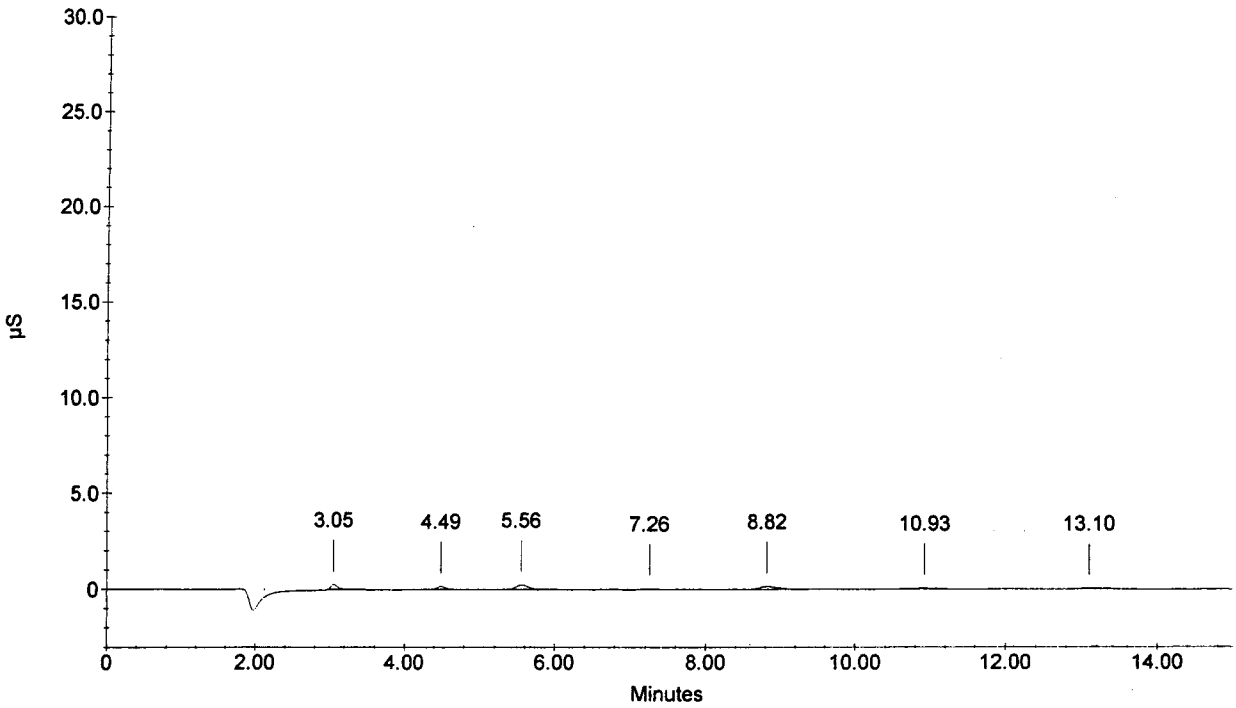
Date Time Collected : 8/26/06 5:53:25 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010131

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.146	2577	16612	1	-1.29
2	4.49	CHLORIDE	0.137	1555	13852	1	-0.66
3	5.56	NITRITE-N	0.157	2312	27918	1	0.48
4	7.26	BROMIDE	0.103	345	5210	1	2.59
5	8.82	NITRATE-N	0.075	1475	27908	1	7.60
6	10.93	PHOSPHATE-P	0.104	424	10085	1	1.20
7	13.10	SULFATE	0.121	373	9647	1	0.33
			---total(s)---				
	0.00		0.844		111231		

0.1PPM MDL4



Sample Name : 0.1PPM MDL5
Dilution Factor : 1.00
Injection Number : 16
Data File Name : c:\peaknet\data\060826\060826_016.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

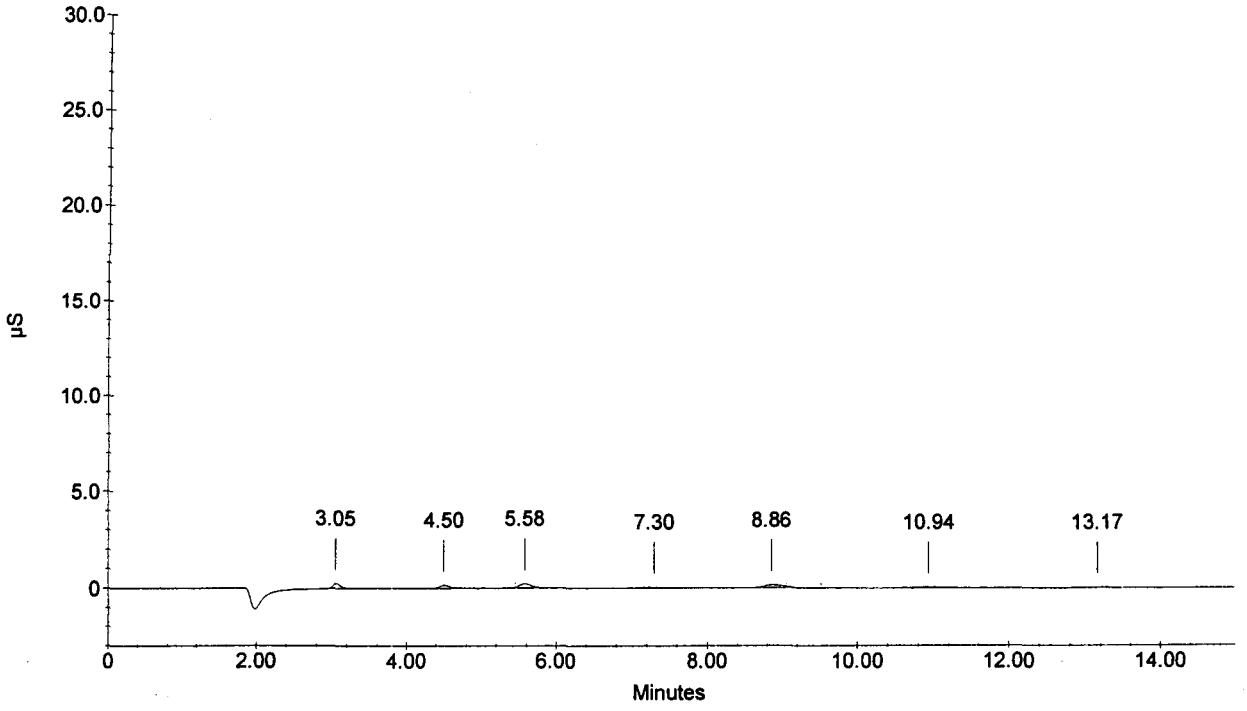
Date Time Collected : 8/26/06 6:11:04 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010132

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1.	3.05	FLUORIDE	0.150	2532	17637	1	-1.29
2	4.50	CHLORIDE	0.142	1577	14605	1	-0.37
3	5.58	NITRITE-N	0.158	2278	28375	1	0.96
4	7.30	BROMIDE	0.102	353	5106	1	3.15
5	8.86	NITRATE-N	0.085	1523	31466	1	8.09
6	10.94	PHOSPHATE-P	0.115	459	11389	1	1.33
7	13.17	SULFATE	0.109	348	8516	1	0.84
			---total(s)---				
	0.00		0.861		117093		

0.1PPM MDL5



Sample Name : 0.1PPM MDL6
Dilution Factor : 1.00
Injection Number : 17
Data File Name : ...\060826_017.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

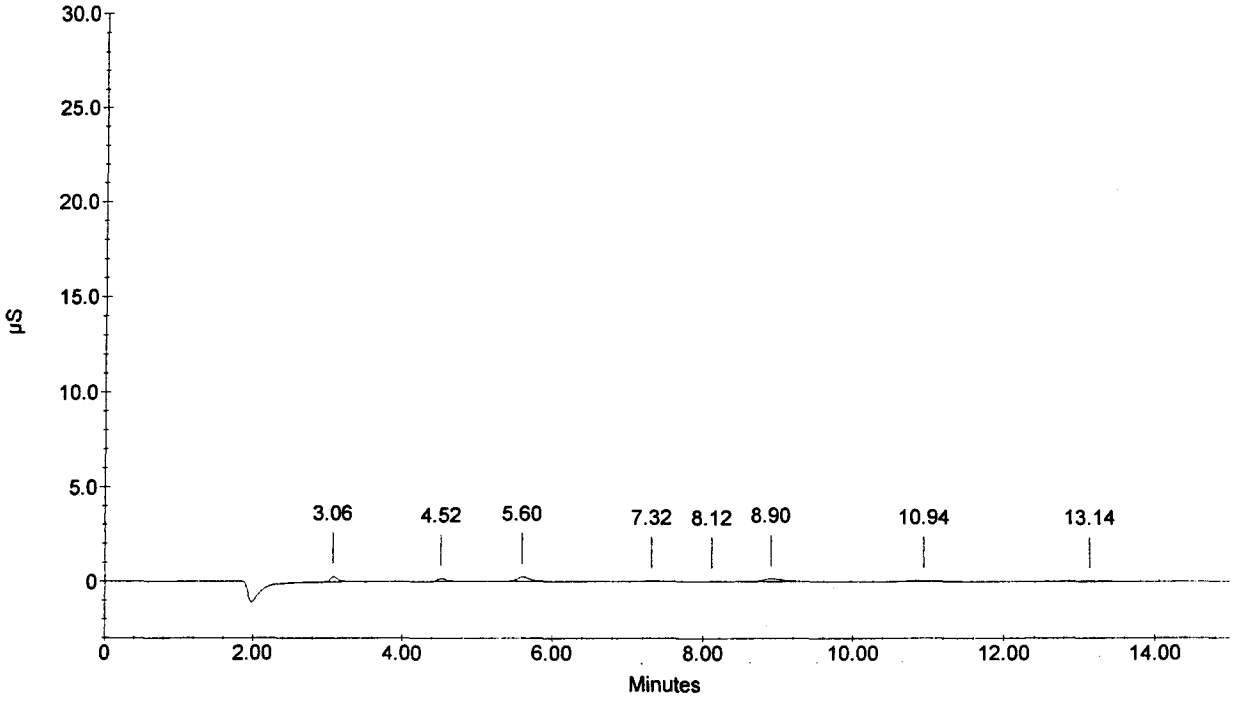
Date Time Collected : 8/26/06 6:28:43 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010133

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.06	FLUORIDE	0.152	2682	18321	1	-0.86
2	4.52	CHLORIDE	0.131	1537	12925	1	-0.07
3	5.60	NITRITE-N	0.155	2273	27027	1	1.21
4	7.32	BROMIDE	0.108	362	5503	1	3.34
6	8.90	NITRATE-N	0.084	1544	31358	1	2.34
7	10.94	PHOSPHATE-P	0.115	458	11375	1	1.33
8	13.14	SULFATE	0.089	283	6445	1	0.64
			---total(s)---				
	0.00		0.834		112954		

0.1PPM MDL6



Sample Name : 0.1PPM MDL7
Dilution Factor : 1.00
Injection Number : 18
Data File Name : c:\peaknet\data\060826\060826_018.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

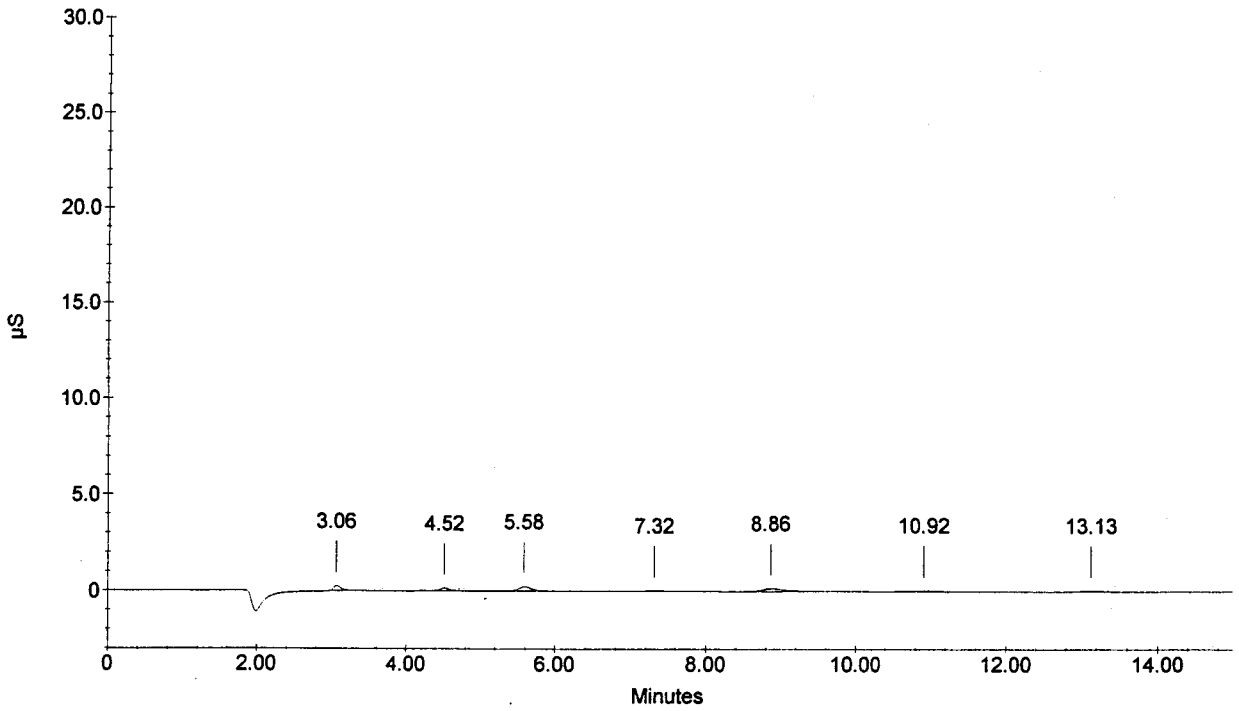
Date Time Collected : 8/26/06 6:46:22 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010134

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.06	FLUORIDE	0.148	2614	17257	1	-0.86
2	4.52	CHLORIDE	0.137	1559	13781	1	-0.07
3	5.58	NITRITE-N	0.157	2273	27887	1	0.96
4	7.32	BROMIDE	0.110	362	5634	1	3.34
5	8.86	NITRATE-N	0.082	1512	30415	1	8.09
6	10.92	PHOSPHATE-P	0.111	472	10889	1	1.08
7	13.13	SULFATE	0.096	329	7185	1	0.54
			---total(s)---				
	0.00		0.841		113049		

0.1PPM MDL7



Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 19
Data File Name : c:\peaknet\data\060826\060826_019.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

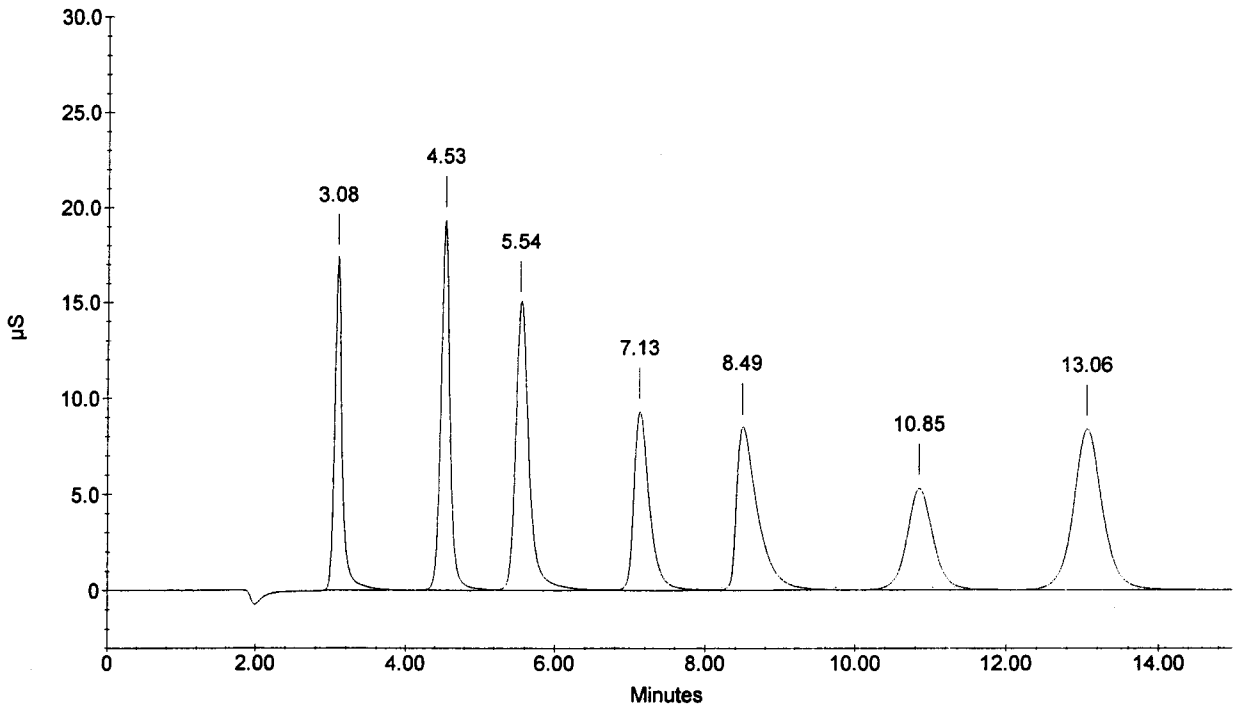
Date Time Collected : 8/26/06 7:04:01 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010135

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.08	FLUORIDE	96.924	172918	1231883	1	-0.43
2	4.53	CHLORIDE	203.846	193189	1644628	2	0.22
3	5.54	NITRITE-N	103.923	148358	1811340	2	0.24
4	7.13	BROMIDE	403.729	92652	1329192	2	0.71
5	8.49	NITRATE-N	86.803	84496	1664935	2	3.54
6	10.85	PHOSPHATE-P	194.727	52716	1275382	2	0.46
7	13.06	SULFATE	398.972	83359	2232873	2	0.03
			---total(s)---				
	0.00		1488.923		11190233		

CCV



Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 20
Data File Name : c:\peaknet\data\060826\060826_020.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

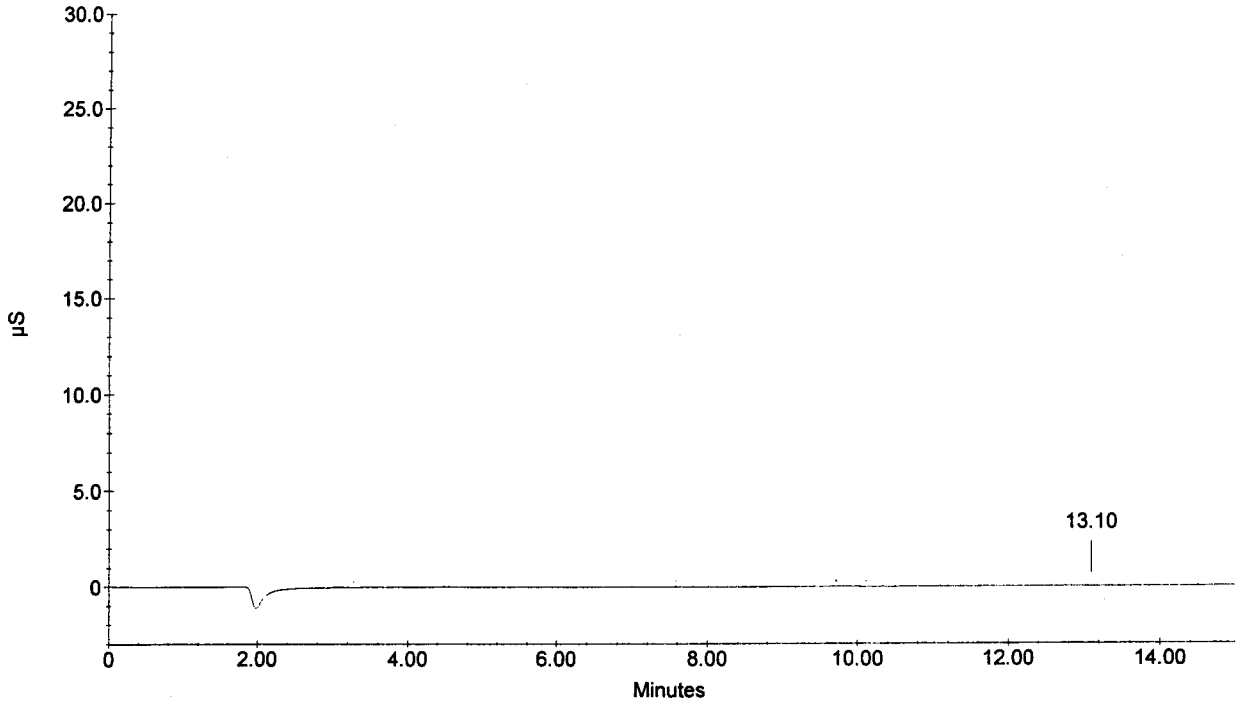
Date Time Collected : 8/26/06 7:21:41 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010136

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	13.10	SULFATE	0.027	34	244	1	0.33
		CHLORIDE					
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
		PHOSPHATE-P					
1	13.10	SULFATE	0.027	34	244	1	0.33
			---total(s)---				
	0.00		0.054		488		

CCB



Sample Name : 0.05 PPM MDL1
Dilution Factor : 1.00
Injection Number : 21
Data File Name : c:\peaknet\data\060826\060826_021.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

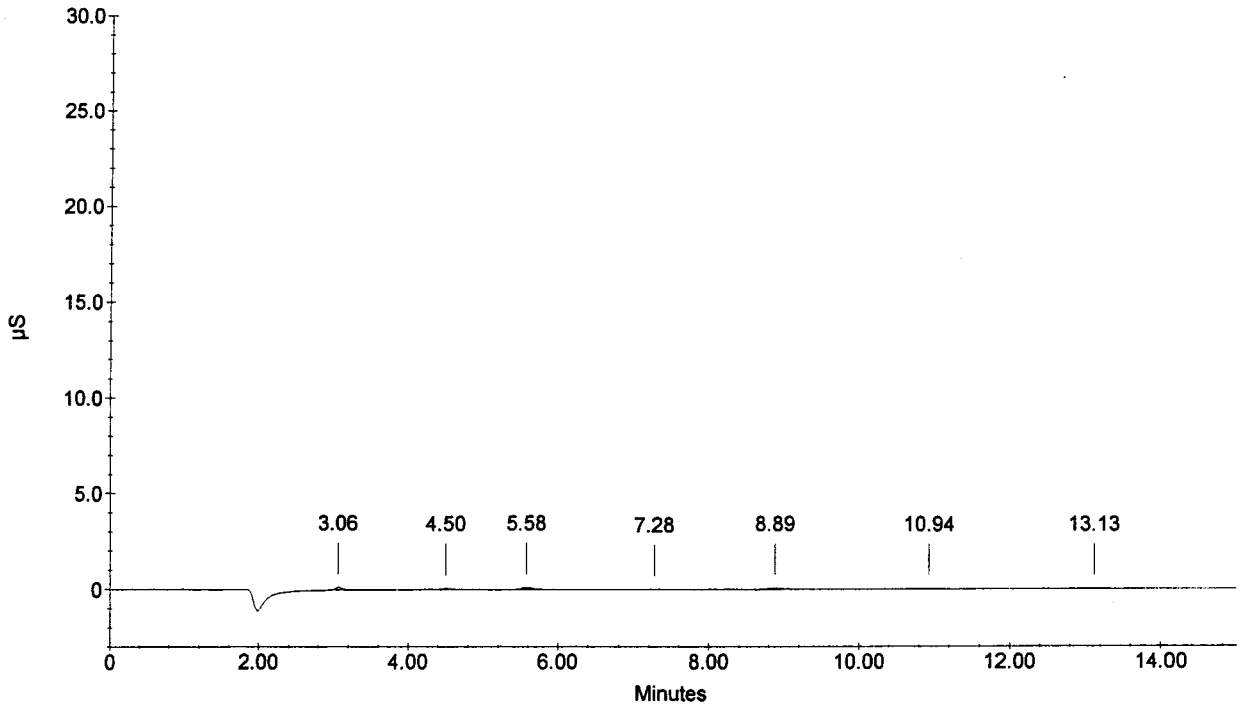
Date Time Collected : 8/26/06 7:39:20 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010137

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.06	FLUORIDE	0.114	1296	8432	1	-0.86
2	4.50	CHLORIDE	0.091	774	6813	1	-0.37
3	5.58	NITRITE-N	0.114	1126	12889	1	0.96
4	7.28	BROMIDE	0.045	152	1701	1	2.78
5	8.89	NITRATE-N	0.042	755	15634	1	8.41
6	10.94	PHOSPHATE-P	0.065	243	5269	1	1.33
7	13.13	SULFATE	0.053	158	2840	1	0.54
			---total(s)---				
	0.00		0.524		53578		

0.05 PPM MDL1



Sample Name : 0.05 PPM MDL2
Dilution Factor : 1.00
Injection Number : 22
Data File Name : c:\peaknet\data\060826\060826_022.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

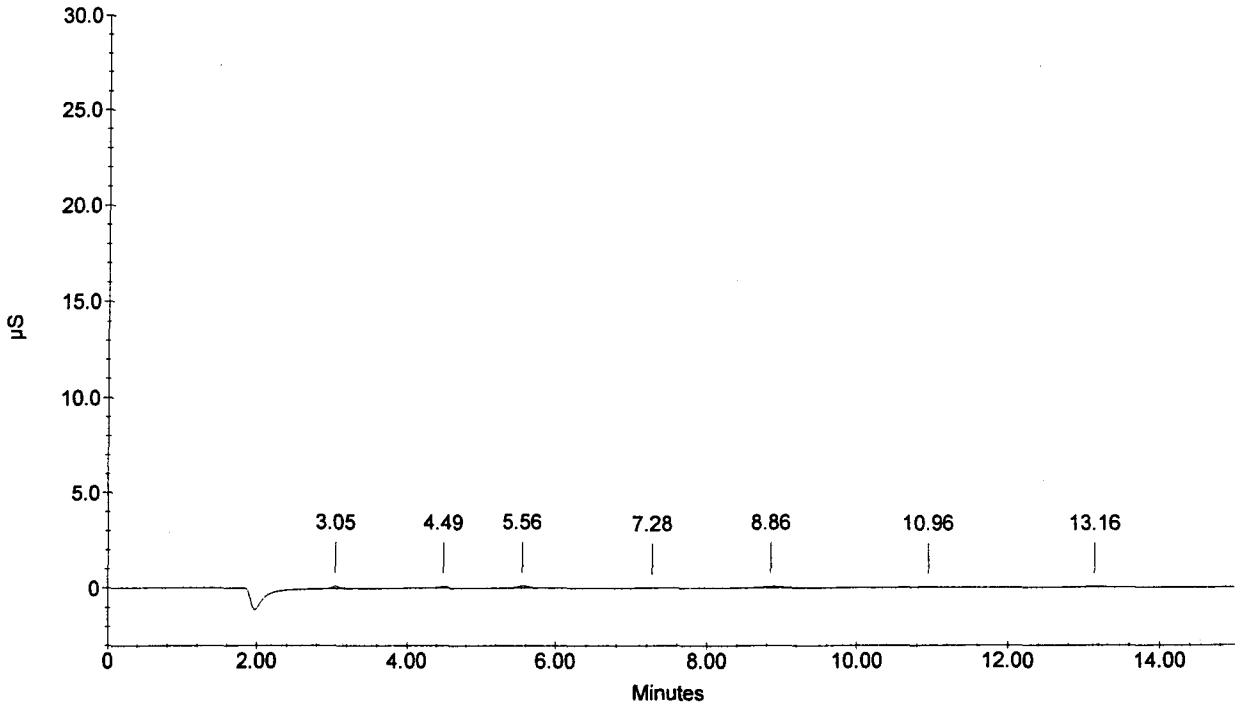
Date Time Collected : 8/26/06 7:57:00 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010138

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.113	1237	8100	1	-1.29
2	4.49	CHLORIDE	0.091	816	6894	1	-0.66
3	5.56	NITRITE-N	0.115	1114	13113	1	0.48
4	7.28	BROMIDE	0.051	146	2044	1	2.78
5	8.86	NITRATE-N	0.039	737	14626	1	8.09
6	10.96	PHOSPHATE-P	0.062	226	4916	1	1.45
7	13.16	SULFATE	0.072	212	4782	1	0.74
			---total(s)---				
	0.00		0.543		54475		

0.05 PPM MDL2



Sample Name : 0.05 PPM MDL3
Dilution Factor : 1.00
Injection Number : 23
Data File Name : c:\peaknet\data\060826\060826_023.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

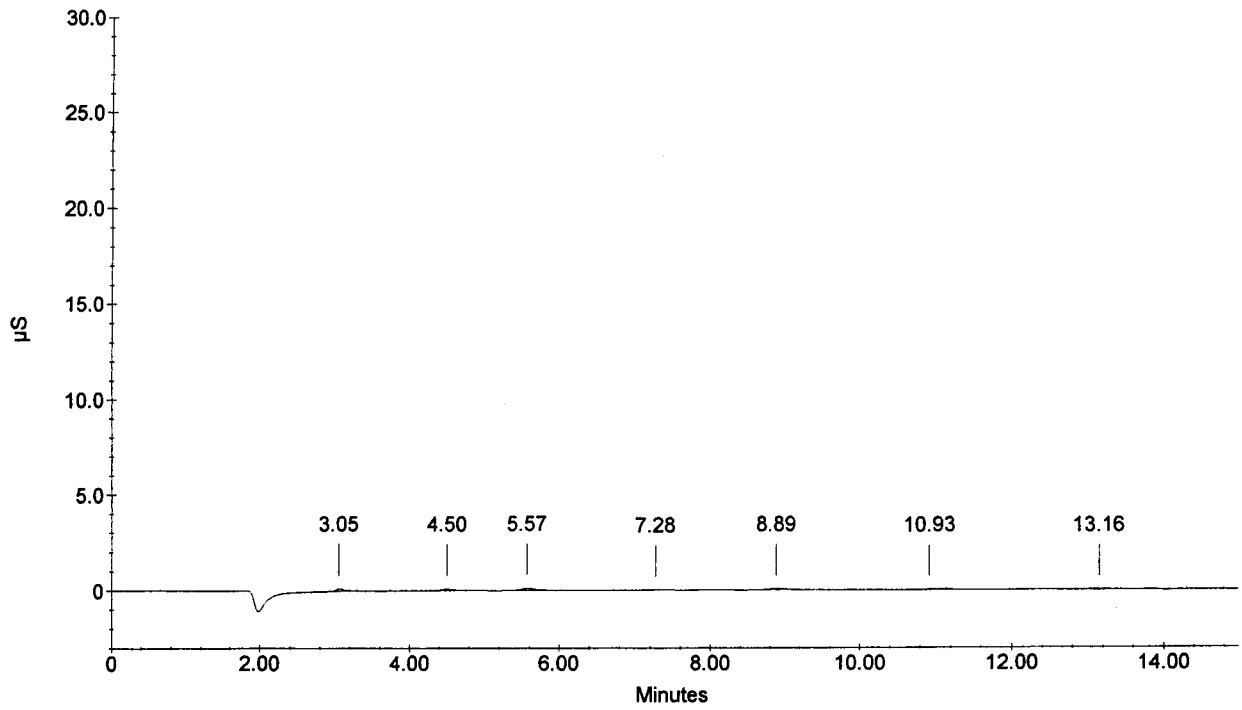
Date Time Collected : 8/26/06 8:14:39 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010139

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.109 ✓	1160	7237	1	-1.29
2	4.50	CHLORIDE	0.096	817	7563	1	-0.37
3	5.57	NITRITE-N	0.115 ✓	1115	13108	1	0.72
4	7.28	BROMIDE	0.051	163	2025	1	2.78
5	8.89	NITRATE-N	0.038	716	14007	1	8.41
6	10.93	PHOSPHATE-P	0.069	249	5768	1	1.20
7	13.16	SULFATE	0.061	167	3665	1	0.74
			---total(s)---				
	0.00		0.538		53374		

0.05 PPM MDL3



Sample Name : 0.05 PPM MDL4
Dilution Factor : 1.00
Injection Number : 24
Data File Name : c:\peaknet\data\060826\060826_024.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

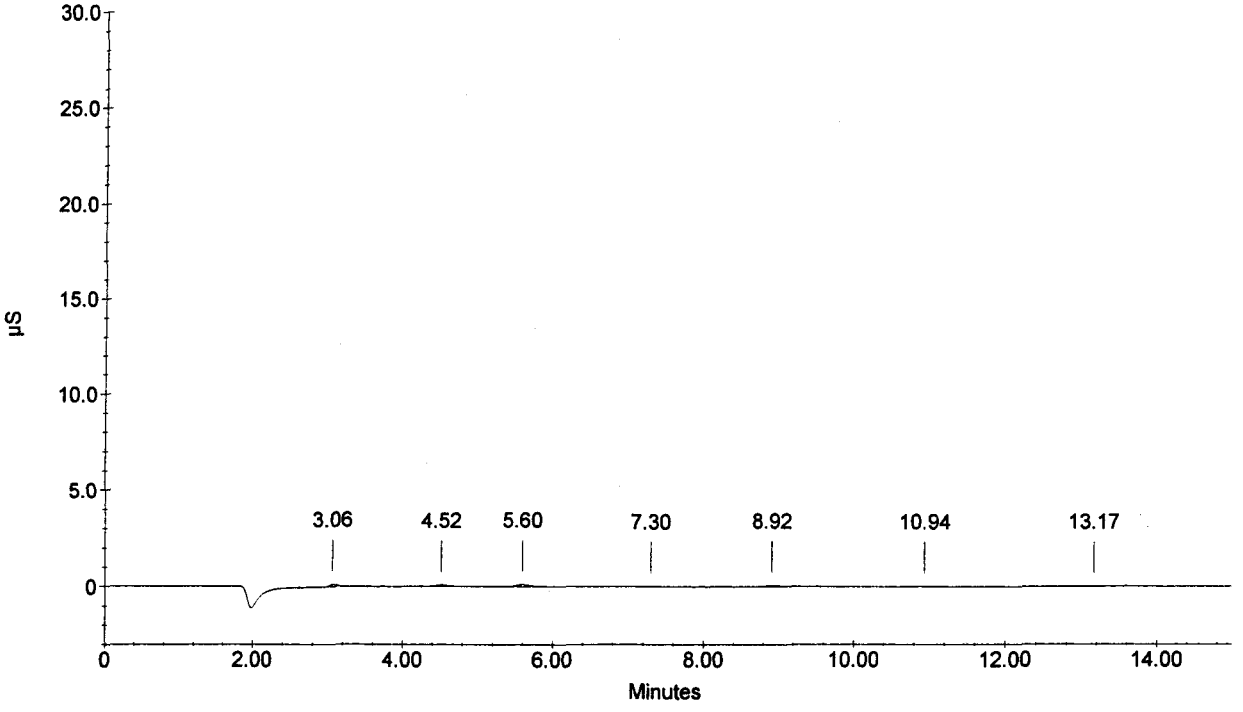
Date Time Collected : 8/26/06 8:32:18 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010140

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.06	FLUORIDE	0.112	1238	8049	1	-0.86
2	4.52	CHLORIDE	0.097	844	7735	1	-0.07
3	5.60	NITRITE-N	0.116	1121	13429	1	1.21
4	7.30	BROMIDE	0.041	140	1453	1	3.15
5	8.92	NITRATE-N	0.035	720	13043	1	8.74
6	10.94	PHOSPHATE-P	0.075	269	6443	1	1.33
7	13.17	SULFATE	0.073	210	4886	1	0.84
			---total(s)---				
	0.00		0.549		55038		

0.05 PPM MDL4



Sample Name : 0.05 PPM MDL5
Dilution Factor : 1.00
Injection Number : 25
Data File Name : c:\peaknet\data\060826\060826_025.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

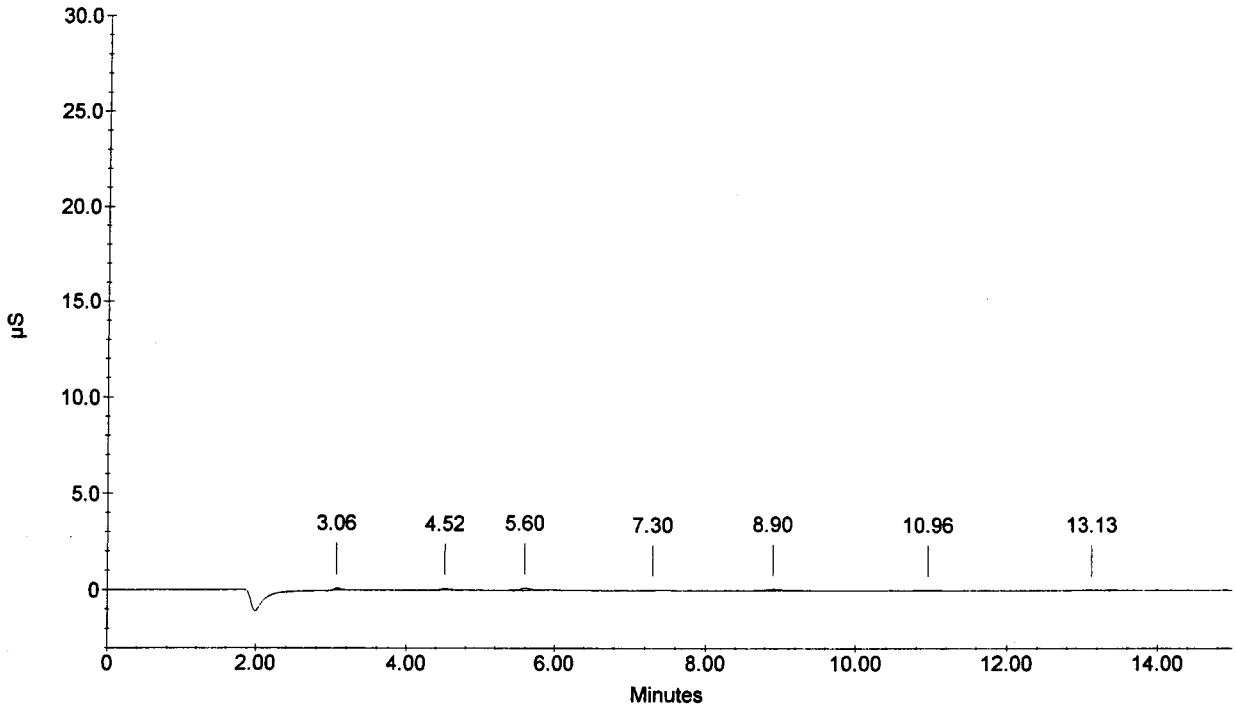
Date Time Collected : 8/26/06 8:49:56 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010141

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.06	FLUORIDE	0.112	1218	8003	1	-0.86
2	4.52	CHLORIDE	0.092	812	7065	1	-0.07
3	5.60	NITRITE-N	0.115	1115	13304	1	1.21
4	7.30	BROMIDE	0.048	148	1844	1	3.15
5	8.90	NITRATE-N	0.043	768	15919	1	8.58
6	10.96	PHOSPHATE-P	0.067	232	5456	1	1.45
7	13.13	SULFATE	0.075	219	5015	1	0.54
			---total(s)---				
	0.00		0.552		56607		

0.05 PPM MDL5



Sample Name : 0.05 PPM MDL6
Dilution Factor : 1.00
Injection Number : 26
Data File Name : c:\peaknet\data\060826\060826_026.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

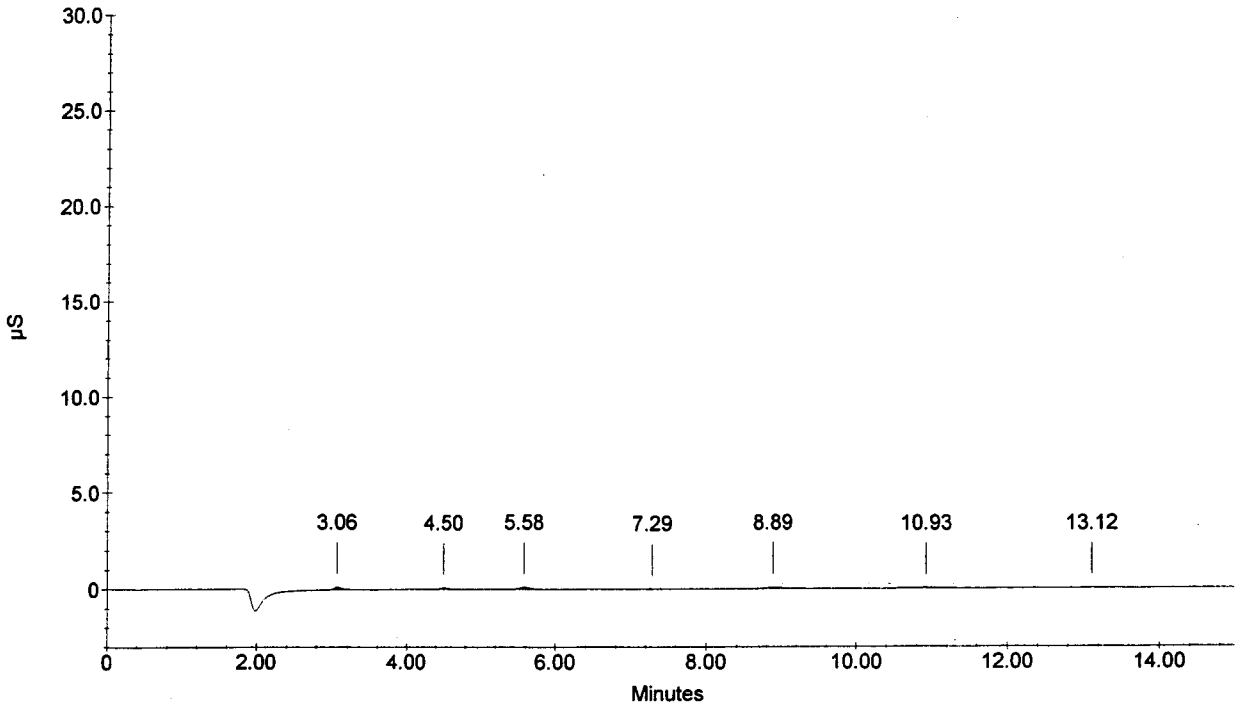
Date Time Collected : 8/26/06 9:07:36 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010142

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.06	FLUORIDE	0.111	1235	7796	1	-0.86
2	4.50	CHLORIDE	0.091	796	6850	1	-0.37
3	5.58	NITRITE-N	0.113	1103	12310	1	0.96
4	7.29	BROMIDE	0.069	213	3149	1	2.97
5	8.89	NITRATE-N	0.039	732	14325	1	8.41
6	10.93	PHOSPHATE-P	0.065	237	5261	1	1.20
7	13.12	SULFATE	0.068	195	4359	1	0.43
			---total(s)---				
	0.00		0.556		54050		

0.05 PPM MDL6



Sample Name : 0.05 PPM MDL7
Dilution Factor : 1.00
Injection Number : 27
Data File Name : c:\peaknet\data\060826\060826_027.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

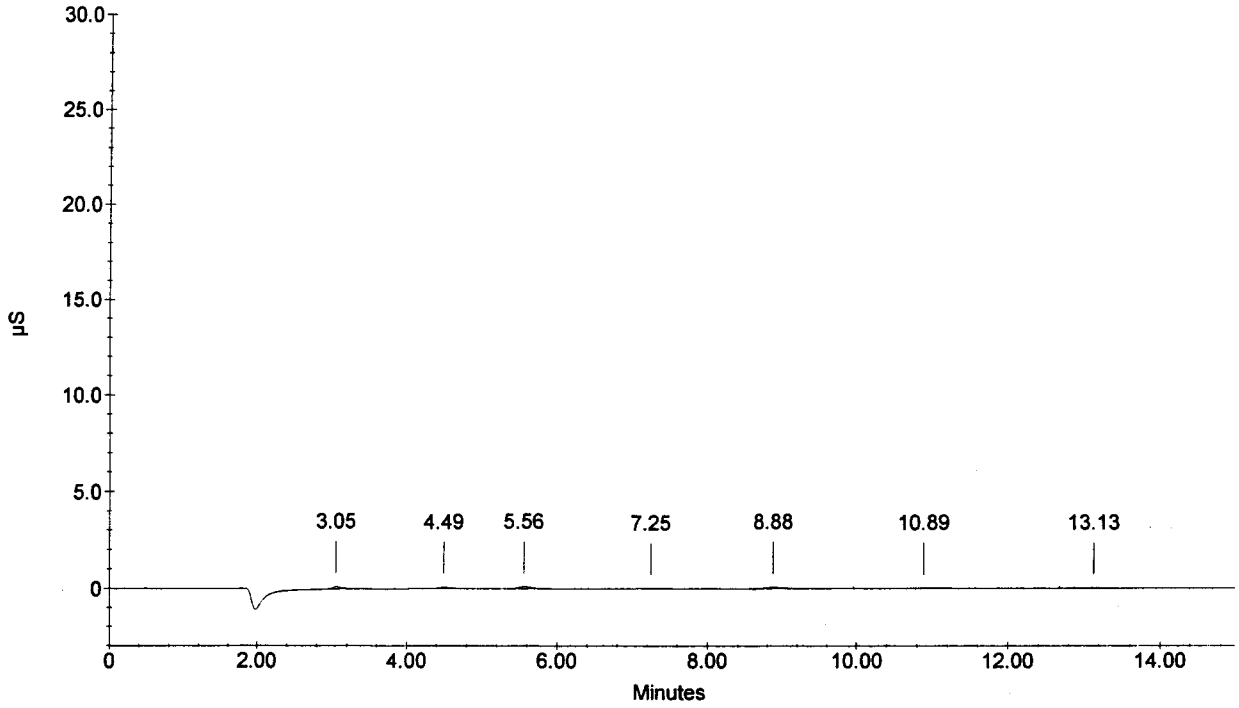
Date Time Collected : 8/26/06 9:25:15 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010143

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	0.112	1252	7901	1	-1.29
2	4.49	CHLORIDE	0.101	872	8303	1	-0.66
3	5.56	NITRITE-N	0.118	1132	14141	1	0.48
4	7.25	BROMIDE	0.042	127	1472	1	2.40
5	8.88	NITRATE-N	0.041	764	15096	1	8.25
6	10.89	PHOSPHATE-P	0.074	241	6400	1	0.83
7	13.13	SULFATE	0.082	232	5796	1	0.54
			---total(s)---				
	0.00		0.569		59109		

0.05 PPM MDL7



Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 28
Data File Name : c:\peaknet\data\060826\060826_028.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

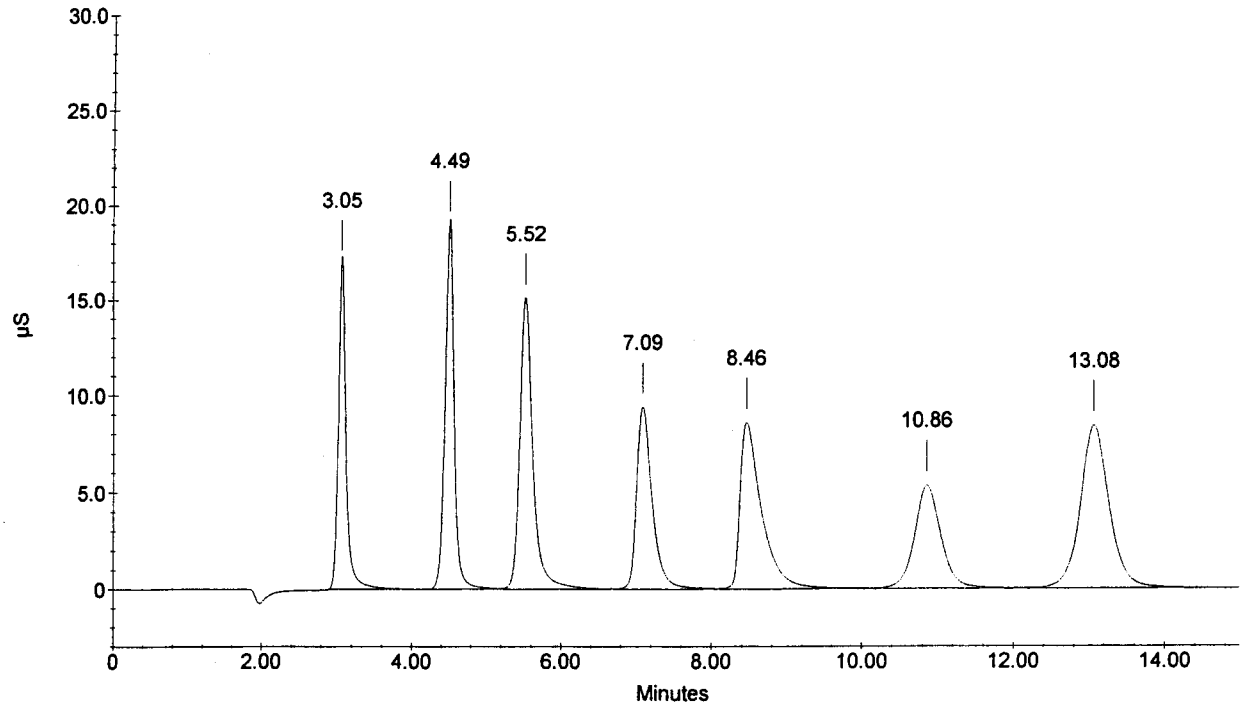
Date Time Collected : 8/26/06 9:42:54 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010144

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	96.053	168941	1220538	1	-1.29
2	4.49	CHLORIDE	203.095	189830	1638041	2	-0.66
3	5.52	NITRITE-N	104.803	151246	1827100	2	-0.24
4	7.09	BROMIDE	410.984	93700	1355390	2	0.14
5	8.46	NITRATE-N	88.948	85562	1707526	2	3.21
6	10.86	PHOSPHATE-P	198.331	53160	1300961	2	0.59
7	13.08	SULFATE	399.938	83592	2239006	2	0.13
			---total(s)---				
	0.00		1502.152		11288562		

CCV



Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 29
Data File Name : c:\peaknet\data\060826\060826_029.DXD
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

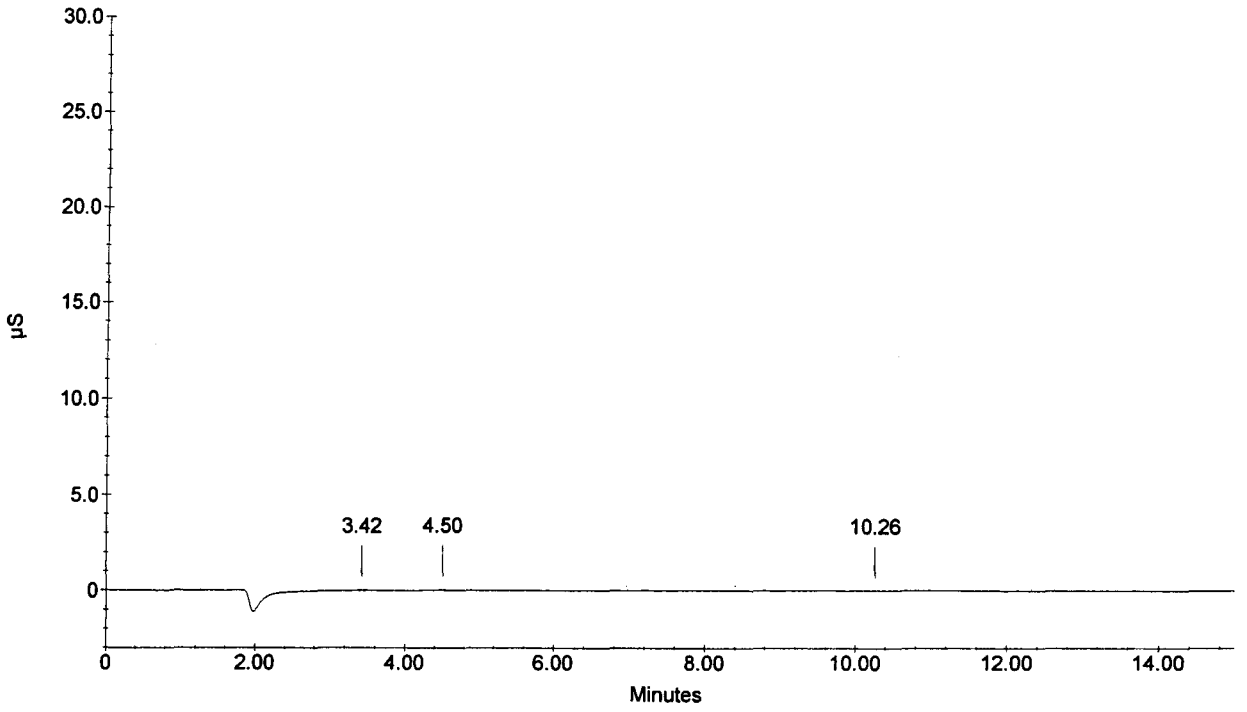
Date Time Collected : 8/26/06 10:00:34 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010145

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.42		0.000	214	1305	1	
2	4.50	CHLORIDE NITRITE-N BROMIDE NITRATE-N	0.071	466	3888	1	-0.37
3	10.26	PHOSPHATE-P SULFATE	0.027	46	682	1	-4.97
	0.00		---total(s)--- 0.099		5875		

CCB



010146

METHOD DETECTION LIMIT STUDY FOR INORGANICS

Lab Name: Southwest Research Institute
Instrument ID: Dionex DX 500
Date & Time Analyzed: 08/26/06
Analyst: RSpies
Reviewed by: WNaegeli

Method: SW 846 9056
Matrix: Water

Digestion Method: NA
Sample Wt./Vol.: NA
Final Volume: NA
Digestion Date: NA
Digested by: NA
Concentration Units: mg/L

ANALYTE	Spike Amount	MDL1	MDL2	MDL3	MDL4	MDL5	MDL6	MDL7	Average	%REC	STD DEV	MDL*	PQL**.	Ratio***
Chloride	0.1	0.139	0.151	0.135	0.137	0.142	0.131	0.137	0.139	138.9%	0.006	0.020	0.100	5
Bromide	0.1	0.103	0.084	0.096	0.103	0.102	0.108	0.110	0.101	100.9%	0.009	0.027	0.137	4
Nitrate-N	0.1	0.084	0.084	0.077	0.075	0.085	0.084	0.082	0.082	81.6%	0.004	0.012	0.062	8
Phosphate-P	0.1	0.108	0.109	0.107	0.104	0.115	0.115	0.111	0.110	109.9%	0.004	0.013	0.064	8
Sulfate	0.1	0.104	0.108	0.099	0.121	0.109	0.089	0.096	0.104	103.7%	0.010	0.033	0.163	3
Fluoride	0.05	0.114	0.113	0.109	0.112	0.112	0.111	0.112	0.112	223.7%	0.002	0.005	0.025	10
Nitrite-N	0.05	0.114	0.115	0.115	0.116	0.115	0.113	0.118	0.115	230.3%	0.002	0.005	0.025	10

* MDL is calculated as 3.143 times the standard deviation.
**PQL is calculated as 5 times the MDL.
***Ratio is calculated as the spike amount divided by the MDL.

FRM-275 (Rev 0/Dec 01)

010147

METHOD DETECTION LIMIT STUDY FOR INORGANICS

Lab Name: Southwest Research Institute
Instrument ID: Dionex DX 500
Date & Time Analyzed: 08/26/06
Analyst: RSpies RSS
Reviewed by: WNaegeli

Method: EPA 300
Matrix: Water

Digestion Method: NA
Sample Wt./Vol.: NA
Final Volume: NA
Digestion Date: NA
Digested by: NA
Concentration Units: mg/L

ANALYTE	Spike Amount	MDL1	MDL2	MDL3	MDL4	MDL5	MDL6	MDL7	Average	%REC	STD DEV	MDL*	PQL**	Ratio***
Chloride	0.1	0.139	0.151	0.135	0.137	0.142	0.131	0.137	0.139	138.9%	0.006	0.020	0.100	5
Bromide	0.1	0.103	0.084	0.096	0.103	0.102	0.108	0.110	0.101	100.9%	0.009	0.027	0.137	4
Nitrate-N	0.1	0.084	0.084	0.077	0.075	0.085	0.084	0.082	0.082	81.6%	0.004	0.012	0.062	8
Phosphate-P	0.1	0.108	0.109	0.107	0.104	0.115	0.115	0.111	0.110	109.9%	0.004	0.013	0.064	8
Sulfate	0.1	0.104	0.108	0.099	0.121	0.109	0.089	0.096	0.104	103.7%	0.010	0.033	0.163	3
Fluoride	0.05	0.114	0.113	0.109	0.112	0.112	0.111	0.112	0.112	223.7%	0.002	0.005	0.025	10
Nitrite-N	0.05	0.114	0.115	0.115	0.116	0.115	0.113	0.118	0.115	230.3%	0.002	0.005	0.025	10

* MDL is calculated as 3.143 times the standard deviation.
**PQL is calculated as 5 times the MDL.
***Ratio is calculated as the spike amount divided by the MDL.

FRM-275 (Rev 0/Dec 01)