Calscience Environmental Laboratories, Inc.

August 22, 2006

John Bennett
Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Subject: **Calscience Work Order No.: 06-07-1032**
Client Reference: Hewitt Landfill Groundwater

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 7/21/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Calscience Environmental Laboratories, Inc.

CASE NARRATIVE

Calscience Work Order No.: 06-07-1032

Provided below is a narrative of our analytical effort, including any unique features or anomalies that were encountered as part of the analysis of the water samples.

Sample Condition on Receipt

Four water samples were received as part of this Work Order on July 21, 2006. All samples were transferred to the laboratory in an ice-chest following strict chain-of-custody procedures. The temperature (3.9°C) of the samples was measured upon arrival in the laboratory and was within acceptable limits. The samples were logged into the Laboratory Information Management System (LIMS), given laboratory identification numbers, and stored in refrigeration units pending analysis.

Data Summary

The samples included in this report were analyzed in accordance with the attached chain-of custody. The following tests were performed:

Volatile Organics by EPA 8260B
Metals by EPA 6010B/7470A
Metals by EPA 6020
Hardness by EPA 130.2
Anions by EPA 300.0
Fluoride by EPA 340.2
Hexavalent Chromium by EPA 7199
Alkalinity by SM 2320B
Bicarbonate by SM 2320B
Carbonate by SM 2320B
1,2,3-TCP by SRL 524M-TCP
NDMA by EPA 1625CM
1,4-Dioxane by GC/MS Isotope Dilution
Perchlorate by EPA 314.0
Sulfide by EPA 376.2
Total Organic Carbon by EPA 415.1
Total Dissolved Solids by EPA 160.1

Holding Times

All holding time requirements were met.

Calibration

Frequency and control criteria for initial and continuing calibration verifications were met.

Calscience Environmental Laboratories, Inc.

Blanks

The method blank data showed non-detectable levels, with the exception of trace levels of select constituents. The affected sample results have been flagged with a "B" qualifier. Please refer to Table A for details.

Table A: Trace levels present in associated method blanks	
EPA 6010B	
Batch #	Analyte(s)
060724L03	Sodium
EPA 7199	
Batch #	Analyte(s)
060721L01	Hexavalent Chromium

Matrix Spikes

Matrix Spikes (MS) and Matrix Spike Duplicates (MSD) were performed at required frequencies. All recoveries were within acceptable limits, with the exceptions presented in Table B below.

Table B: Matrix Spike Recoveries outside acceptable limits	
Batch #	Analyte(s)
060724S11	N-Nitrosodimethylamine by EPA 1625CM

Note that the corresponding Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) recovery were within control limits, indicating a matrix interference effect. Therefore, the data is released without further action or qualification.

Laboratory Control Samples

The Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) analyses were performed at the required frequencies. All recoveries were within acceptable limits.

Surrogates

Surrogate recoveries for all samples were within acceptable control limits.

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
Sample Summary Report

WORK ORDER #: **06-07-1032** **QAPP:** **0000**

#	Client Sample ID	Matrix	Date Collected	NoC	Comment
1	4899-280-072006-0	W	07/20/2006	14	
2	4899-280-072006-Q	W	07/20/2006	28	Run MS/MSD on sample #2 !!
3	4899-280-072006-2	W	07/20/2006	14	
4	TRIP BLANK-1-072006	W	07/20/2006	2	

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 07 - 1032

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: CDM

DATE: 7-21-06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- ____ Chilled, cooler with temperature blank provided.
- ____ Chilled, cooler without temperature blank.
- ✓ Chilled and placed in cooler with wet ice.
- ____ Ambient and placed in cooler with wet ice.
- ____ Ambient temperature.

3.9 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- ____ °C Temperature blank.
- ____ °C IR thermometer.
- ____ Ambient temperature.

Initial: LM

CUSTODY SEAL INTACT:

Sample(s): ____ Cooler: ____ No (Not Intact) : ____ Not Applicable (N/A): ✓

Initial: LM

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: LM

COMMENTS:

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

DATE:

PAGE: 1 OF 1

LABORATORY CLIENT: CDM

ADDRESS: 18581 TELLER AVE STE 200

CITY: IRVINE, CA 92612

TEL: 949-752-5452 FAX: 949-752-1307 E-MAIL: YOUNGHS@CDM.COM

CLIENT PROJECT NAME / NUMBER: HEWITT LANDFILL GROUNDWATER

P.O. NO.: 22517-HEWITT

PROJECT CONTACT: JOHN BENNETT

QUOTE NO.:

SAMPLER(S): (SIGNATURE)

LAB USE ONLY: 07-1032

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☐ 5 DAYS ☒ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ___/___/___

SPECIAL INSTRUCTIONS
1) USE #4899-280-072006-Q FOR MS/MSD ANALYSIS
2) PERFORM ANALYSIS PER EPA REQUIREMENTS FOR HEWITT LANDFILL (STEVE NOWAK)
3) TWO MORE GROUNDWATER SAMPLE WILL BE DROPPED OFF ON 7/21/06

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	Matrix	#Cont	VOCs (8260B)	PERCHLORATE (314.0)	TITLE 22 METALS PLUS SILICA (DISSOLVED)	IRON + MANGANESE DISSOLVED (6010B)	CALCIUM, MAGNESIUM, POTASSIUM, SODIUM (6010B)	HEXAVALENT CHROMIUM (7199)	1,2,3 TCP (524.2M)	NDMA (1625C(M))	1,4 DIOXANE (8270C)	SULFIDE (TOTAL) (376.2)	NITRATE/NITRITE (300.0)	CHLORIDE, SULFATE FLUORIDE (300.0)	ALKALINITY (2320)	HARDNESS (2340)	TDS (160.1)	TOC (415.1)			HOLD
1	4899-280-072006-0		7/20/06	13:30	GW	14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
2	4899-280-072006-Q	(MS/MSD)	7/20/06	13:30	GW	28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
3	4899-280-072006-2		7/20/06	14:30	GW	14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
4	TRIP BLANK-1-072006		7/20/06	—	W	2																			X

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	Hiroko Young	7/20/06	18:00
Hiroko Young	CEL	7-21-06	0900
	CEL	7-21-06	929

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	07/21/06
18581 Teller Avenue		Work Order No:	06-07-1032
Suite 200		Preparation:	EPA 3005A Filt.
Irvine, CA 92612-1627		Method:	EPA 6010B
		Units:	mg/L
Project: Hewitt Landfill Groundwater			Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
4899-280-072006-0	**06-07-1032-1**	**07/20/06**	**Aqueous**	**07/24/06**	**07/26/06**	**060724L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Iron	ND	0.100	0.00784	1		Manganese	0.167	0.005	0.000689	1	
Silicon	9.41	0.05	0.0464	1							

4899-280-072006-Q	**06-07-1032-2**	**07/20/06**	**Aqueous**	**07/24/06**	**07/26/06**	**060724L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Iron	ND	0.100	0.00784	1		Manganese	0.170	0.005	0.000689	1	
Silicon	9.62	0.05	0.0464	1							

4899-280-072006-2	**06-07-1032-3**	**07/20/06**	**Aqueous**	**07/24/06**	**07/26/06**	**060724L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Iron	ND	0.100	0.00784	1		Manganese	ND	0.00500	0.000689	1	
Silicon	ND	0.0500	0.0464	1							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	07/21/06
18581 Teller Avenue		Work Order No:	06-07-1032
Suite 200		Preparation:	EPA 3010A Total
Irvine, CA 92612-1627		Method:	EPA 6010B
		Units:	mg/L
Project: Hewitt Landfill Groundwater			Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
4899-280-072006-0	**06-07-1032-1**	**07/20/06**	**Aqueous**	**07/24/06**	**07/25/06**	**060724L03**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Calcium	140	0.100		1		Magnesium	25.0	0.1		1	
Potassium	5.45	0.50		1		Sodium	45.5	0.5		1	

4899-280-072006-Q	**06-07-1032-2**	**07/20/06**	**Aqueous**	**07/24/06**	**07/26/06**	**060724L03**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Calcium	139	0.100		1		Magnesium	25.7	0.1		1	
Potassium	5.31	0.50		1		Sodium	44.6	0.5		1	

4899-280-072006-2	**06-07-1032-3**	**07/20/06**	**Aqueous**	**07/24/06**	**07/25/06**	**060724L03**

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Calcium	ND	0.100		1		Magnesium	ND	0.100		1	
Potassium	ND	0.500		1		Sodium	0.599	0.500		1	

Method Blank	**097-01-003-6,330**	**N/A**	**Aqueous**	**07/24/06**	**07/26/06**	**060724L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Calcium	ND	0.100	0.00932	1		Potassium	ND	0.500	0.0561	1	
Iron	ND	0.100	0.00784	1		Sodium	0.254	0.500	0.0192	1	J
Magnesium	ND	0.100	0.00328	1		Silicon	ND	0.0500	0.0464	1	
Manganese	ND	0.00500	0.000689	1							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Camp Dresser & McKee	Date Sampled:	07/20/06
18581 Teller Ave, Suite 200	Date Received:	07/20/06
Irvine, CA 92612-1627	Date Analyzed:	07/26/06
	Work Order No.:	06-07-1032
Attn: John Bennett	Method:	EPA 6010B
RE: Hewitt Landfill Groundwater	Page 1 of 1	

All concentrations are reported in mg/L (ppm).

Sample Number	Total Silica Concentration	Reporting Limit
4899-280-072006-0	20.1	0.107
4899-280-072006-Q	20.6	0.107
4899-280-072006-2	ND	0.107
Method Blank	ND	0.107

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX:(714) 894-7501

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Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 07/21/06
Work Order No: 06-07-1032
Preparation: EPA 3020A Total / EPA 7470A Total
Method: EPA 6020 / EPA 7470A
Units: mg/L

Project: Hewitt Landfill Groundwater

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
4899-280-072006-0	**06-07-1032-1**	**07/20/06**	**Aqueous**	**07/27/06**	**07/28/06**	**060727L01**

Comment(s): -Mercury was analyzed on 7/21/2006 2:42:25 PM with batch 060721L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.00100	1		Mercury	ND	0.000500	1	
Arsenic	ND	0.00100	1		Nickel	0.00523	0.00100	1	
Beryllium	ND	0.00100	1		Selenium	ND	0.00100	1	
Cadmium	ND	0.00100	1		Silver	ND	0.00100	1	
Chromium	ND	0.00100	1		Thallium	ND	0.00100	1	
Copper	ND	0.00100	1		Zinc	0.0480	0.0050	1	
Lead	ND	0.00100	1						

4899-280-072006-Q	**06-07-1032-2**	**07/20/06**	**Aqueous**	**07/27/06**	**07/28/06**	**060727L01**

Comment(s): -Mercury was analyzed on 7/21/2006 2:44:42 PM with batch 060721L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.00100	1		Mercury	ND	0.000500	1	
Arsenic	ND	0.00100	1		Nickel	0.00453	0.00100	1	
Beryllium	ND	0.00100	1		Selenium	ND	0.00100	1	
Cadmium	ND	0.00100	1		Silver	ND	0.00100	1	
Chromium	ND	0.00100	1		Thallium	ND	0.00100	1	
Copper	ND	0.00100	1		Zinc	0.0340	0.0050	1	
Lead	ND	0.00100	1						

4899-280-072006-2	**06-07-1032-3**	**07/20/06**	**Aqueous**	**07/27/06**	**07/28/06**	**060727L01**

Comment(s): -Mercury was analyzed on 7/21/2006 2:46:59 PM with batch 060721L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.00100	1		Mercury	ND	0.000500	1	
Arsenic	ND	0.00100	1		Nickel	ND	0.00100	1	
Beryllium	ND	0.00100	1		Selenium	ND	0.00100	1	
Cadmium	ND	0.00100	1		Silver	ND	0.00100	1	
Chromium	0.00166	0.00100	1		Thallium	ND	0.00100	1	
Copper	ND	0.00100	1		Zinc	0.0121	0.0050	1	
Lead	ND	0.00100	1						

Method Blank	**096-06-003-1,085**	**N/A**	**Aqueous**	**07/27/06**	**07/28/06**	**060727L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.00100	1		Lead	ND	0.00100	1	
Arsenic	ND	0.00100	1		Nickel	ND	0.00100	1	
Beryllium	ND	0.00100	1		Selenium	ND	0.00100	1	
Cadmium	ND	0.00100	1		Silver	ND	0.00100	1	
Chromium	ND	0.00100	1		Thallium	ND	0.00100	1	
Copper	ND	0.00100	1		Zinc	ND	0.00500	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 07/21/06
Work Order No: 06-07-1032
Preparation: EPA 3020A Total / EPA 7470A Total
Method: EPA 6020 / EPA 7470A
Units: mg/L

Project: Hewitt Landfill Groundwater

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-04-008-2,571**	**N/A**	**Aqueous**	**07/21/06**	**07/21/06**	**060721L04**

Parameter	Result	RL	DF	Qual
Mercury	ND	0.000500	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	07/21/06
18581 Teller Avenue		Work Order No:	06-07-1032
Suite 200		Preparation:	EPA 3520B
Irvine, CA 92612-1627		Method:	EPA 8270C(M) Isotope Dilution
Project: Hewitt Landfill Groundwater			Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
4899-280-072006-0	**06-07-1032-1**	**07/20/06**	**Aqueous**	**07/24/06**	**07/30/06**	**060724L02D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	94	56-123	

4899-280-072006-Q	**06-07-1032-2**	**07/20/06**	**Aqueous**	**07/24/06**	**07/30/06**	**060724L02D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	85	56-123	

4899-280-072006-2	**06-07-1032-3**	**07/20/06**	**Aqueous**	**07/24/06**	**07/30/06**	**060724L02D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	92	56-123	

Method Blank	**099-09-004-620**	**N/A**	**Aqueous**	**07/24/06**	**07/29/06**	**060724L02D**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	92	56-123	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	07/21/06
18581 Teller Avenue		Work Order No:	06-07-1032
Suite 200		Preparation:	EPA 3520B
Irvine, CA 92612-1627		Method:	EPA 1625CM

Project: Hewitt Landfill Groundwater

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
4899-280-072006-0	**06-07-1032-1**	**07/20/06**	**Aqueous**	**07/24/06**	**07/28/06**	**060724L11**

Parameter	Result	RL	DF	Qual	Units
N-Nitrosodimethylamine	ND	2.0	1		ng/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Dichlorobenzene-d4	72	50-130	

4899-280-072006-Q	**06-07-1032-2**	**07/20/06**	**Aqueous**	**07/24/06**	**07/28/06**	**060724L11**

Parameter	Result	RL	DF	Qual	Units
N-Nitrosodimethylamine	ND	2.0	1		ng/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Dichlorobenzene-d4	67	50-130	

4899-280-072006-2	**06-07-1032-3**	**07/20/06**	**Aqueous**	**07/24/06**	**07/28/06**	**060724L11**

Parameter	Result	RL	DF	Qual	Units
N-Nitrosodimethylamine	ND	2.0	1		ng/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Dichlorobenzene-d4	61	50-130	

Method Blank	**099-07-027-265**	**N/A**	**Aqueous**	**07/24/06**	**07/28/06**	**060724L11**

Parameter	Result	RL	DF	Qual	Units
N-Nitrosodimethylamine	ND	2.0	1		ng/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Dichlorobenzene-d4	57	50-130	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Project: Hewitt Landfill Groundwater

Date Received:	07/21/06
Work Order No:	06-07-1032
Preparation:	EPA 5030B
Method:	EPA 8260B
Units:	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
4899-280-072006-0	**06-07-1032-1**	**07/20/06**	**Aqueous**	**07/21/06**	**07/22/06**	**060721L02**

Parameter	Result	RL	DF	Qual
Acetone	ND	10	1	
Benzene	ND	0.50	1	
Bromobenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1	
Bromodichloromethane	ND	1.0	1	
Bromoform	ND	1.0	1	
Bromomethane	ND	10	1	
2-Butanone	ND	10	1	
n-Butylbenzene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1	
Carbon Disulfide	ND	10	1	
Carbon Tetrachloride	ND	0.50	1	
Chlorobenzene	ND	1.0	1	
Chloroethane	ND	1.0	1	
Chloroform	ND	1.0	1	
Chloromethane	ND	10	1	
2-Chlorotoluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1	
Dibromochloromethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	1.0	1	
Dibromomethane	ND	1.0	1	
1,2-Dichlorobenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1	
Dichlorodifluoromethane	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1	
1,1-Dichloroethene	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1	
2,2-Dichloropropane	ND	1.0	1	

Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	74-140	
Toluene-d8	101	88-112	

Parameter	Result	RL	DF	Qual
1,1-Dichloropropene	ND	1.0	1	
c-1,3-Dichloropropene	ND	0.50	1	
t-1,3-Dichloropropene	ND	0.50	1	
Ethylbenzene	ND	1.0	1	
2-Hexanone	ND	10	1	
Isopropylbenzene	ND	1.0	1	
p-Isopropyltoluene	ND	1.0	1	
Methylene Chloride	ND	10	1	
4-Methyl-2-Pentanone	ND	10	1	
Naphthalene	ND	10	1	
n-Propylbenzene	ND	1.0	1	
Styrene	ND	1.0	1	
1,1,1,2-Tetrachloroethane	ND	1.0	1	
1,1,2,2-Tetrachloroethane	ND	1.0	1	
Tetrachloroethene	4.1	1.0	1	
Toluene	ND	1.0	1	
1,2,3-Trichlorobenzene	ND	1.0	1	
1,2,4-Trichlorobenzene	ND	1.0	1	
1,1,1-Trichloroethane	ND	1.0	1	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,1,2-Trichloroethane	ND	1.0	1	
Trichloroethene	ND	1.0	1	
Trichlorofluoromethane	ND	10	1	
1,2,3-Trichloropropane	ND	5.0	1	
1,2,4-Trimethylbenzene	ND	1.0	1	
1,3,5-Trimethylbenzene	ND	1.0	1	
Vinyl Acetate	ND	10	1	
Vinyl Chloride	ND	0.50	1	
p/m-Xylene	ND	1.0	1	
o-Xylene	ND	1.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Tert-Butyl Alcohol (TBA)	ND	10	1	
Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	

Surrogates:	REC (%)	Control Limits	Qual
1,2-Dichloroethane-d4	100	74-146	
1,4-Bromofluorobenzene	101	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	07/21/06
18581 Teller Avenue		Work Order No:	06-07-1032
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L
Project: Hewitt Landfill Groundwater			Page 2 of 4

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
4899-280-072006-Q	**06-07-1032-2**	**07/20/06**	**Aqueous**	**07/21/06**	**07/22/06**	**060721L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		1,1-Dichloropropene	ND	1.0	1	
Benzene	ND	0.50	1		c-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromochloromethane	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromodichloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromoform	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromomethane	ND	10	1		p-Isopropyltoluene	ND	1.0	1	
2-Butanone	ND	10	1		Methylene Chloride	ND	10	1	
n-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	10	1	
sec-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
tert-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
Carbon Disulfide	ND	10	1		Styrene	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chloroethane	ND	1.0	1		Tetrachloroethene	3.8	1.0	1	
Chloroform	ND	1.0	1		Toluene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,3-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichloroethene	ND	1.0	1	
Dibromomethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
1,2-Dichloropropane	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	74-140		1,2-Dichloroethane-d4	107	74-146	
Toluene-d8	98	88-112		1,4-Bromofluorobenzene	98	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	07/21/06
18581 Teller Avenue		Work Order No:	06-07-1032
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L
Project: Hewitt Landfill Groundwater			Page 3 of 4

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
4899-280-072006-2	**06-07-1032-3**	**07/20/06**	**Aqueous**	**07/21/06**	**07/22/06**	**060721L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		1,1-Dichloropropene	ND	1.0	1	
Benzene	ND	0.50	1		c-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromochloromethane	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromodichloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromoform	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromomethane	ND	10	1		p-Isopropyltoluene	ND	1.0	1	
2-Butanone	ND	10	1		Methylene Chloride	ND	10	1	
n-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	10	1	
sec-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
tert-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
Carbon Disulfide	ND	10	1		Styrene	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chloroethane	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroform	ND	1.0	1		Toluene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,3-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichloroethene	ND	1.0	1	
Dibromomethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
1,2-Dichloropropane	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	74-140		1,2-Dichloroethane-d4	98	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	98	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	07/21/06
18581 Teller Avenue		Work Order No:	06-07-1032
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L
Project: Hewitt Landfill Groundwater			Page 4 of 4

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-18,589**	**N/A**	**Aqueous**	**07/21/06**	**07/22/06**	**060721L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		1,1-Dichloropropene	ND	1.0	1	
Benzene	ND	0.50	1		c-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromochloromethane	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromodichloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromoform	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromomethane	ND	10	1		p-Isopropyltoluene	ND	1.0	1	
2-Butanone	ND	10	1		Methylene Chloride	ND	10	1	
n-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	10	1	
sec-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
tert-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
Carbon Disulfide	ND	10	1		Styrene	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chloroethane	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroform	ND	1.0	1		Toluene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,3-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichloroethene	ND	1.0	1	
Dibromomethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		p/m-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
1,2-Dichloropropane	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	74-140		1,2-Dichloroethane-d4	100	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	99	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.		Date Received:	07/21/06
18581 Teller Avenue		Work Order No:	06-07-1032
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	SRL 524M-TCP

Project: Hewitt Landfill Groundwater

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
4899-280-072006-0	**06-07-1032-1**	**07/20/06**	**Aqueous**	**07/21/06**	**07/21/06**	**060721L01**

Parameter	Result	RL	DF	Qual	Units
1,2,3-Trichloropropane	ND	0.0050	1		ug/L

4899-280-072006-Q	**06-07-1032-2**	**07/20/06**	**Aqueous**	**07/21/06**	**07/21/06**	**060721L01**

Parameter	Result	RL	DF	Qual	Units
1,2,3-Trichloropropane	ND	0.0050	1		ug/L

4899-280-072006-2	**06-07-1032-3**	**07/20/06**	**Aqueous**	**07/21/06**	**07/21/06**	**060721L01**

Parameter	Result	RL	DF	Qual	Units
1,2,3-Trichloropropane	ND	0.0050	1		ug/L

Method Blank	**099-10-022-253**	**N/A**	**Aqueous**	**07/21/06**	**07/21/06**	**060721L01**

Parameter	Result	RL	DF	Qual	Units
1,2,3-Trichloropropane	ND	0.0050	1		ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 07/21/06
Work Order No: 06-07-1032

Project: Hewitt Landfill Groundwater

Client Sample Number	Lab Sample Number	Date Collected	Matrix
4899-280-072006-0	**06-07-1032-1**	**07/20/06**	**Aqueous**

Comment(s): (1) Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Hardness, Total	480	2		1		mg/L	N/A	07/22/06	EPA 130.2
Solids, Total Dissolved	597	1.0		1		mg/L	N/A	07/26/06	EPA 160.1
Chloride	66	10		10		mg/L	N/A	07/22/06	EPA 300.0
Nitrite (as N)	ND	0.10		1		mg/L	N/A	07/22/06	EPA 300.0
Nitrate (as N)	19	1		10		mg/L	N/A	07/22/06	EPA 300.0
Sulfate	42	10		10		mg/L	N/A	07/22/06	EPA 300.0
Perchlorate	ND	2.0		1		ug/L	N/A	07/24/06	EPA 314.0
Fluoride	0.26	0.10		1		mg/L	N/A	07/26/06	EPA 340.2
Sulfide, Total	ND	0.050		1		mg/L	07/27/06	07/27/06	EPA 376.2
Carbon, Total Organic	1.6	0.5		1		mg/L	N/A	07/22/06	EPA 415.1
Chromium, Hexavalent (1)	0.13	1.0	0.057	1	J,B	ug/L	N/A	07/21/06	EPA 7199
Alkalinity, Total (as CaCO3)	290	5.0		1		mg/L	N/A	07/24/06	SM 2320B
Bicarbonate (as CaCO3)	290	5.0		1		mg/L	N/A	07/24/06	SM 2320B
Carbonate (as CaCO3)	ND	1.0		1		mg/L	N/A	07/24/06	SM 2320B

4899-280-072006-Q	**06-07-1032-2**	**07/20/06**	**Aqueous**

Comment(s): (1) Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Hardness, Total	430	2		1		mg/L	N/A	07/22/06	EPA 130.2
Solids, Total Dissolved	623	1.0		1		mg/L	N/A	07/26/06	EPA 160.1
Chloride	64	10		10		mg/L	N/A	07/22/06	EPA 300.0
Nitrite (as N)	ND	0.10		1		mg/L	N/A	07/22/06	EPA 300.0
Nitrate (as N)	19	1		10		mg/L	N/A	07/22/06	EPA 300.0
Sulfate	42	10		10		mg/L	N/A	07/22/06	EPA 300.0
Perchlorate	ND	2.0		1		ug/L	N/A	07/24/06	EPA 314.0
Fluoride	0.25	0.10		1		mg/L	N/A	07/26/06	EPA 340.2
Sulfide, Total	ND	0.050		1		mg/L	07/27/06	07/27/06	EPA 376.2
Carbon, Total Organic	1.7	0.5		1		mg/L	N/A	07/22/06	EPA 415.1
Chromium, Hexavalent (1)	0.12	1.0	0.057	1	J,B	ug/L	N/A	07/21/06	EPA 7199
Alkalinity, Total (as CaCO3)	290	5.0		1		mg/L	N/A	07/24/06	SM 2320B
Bicarbonate (as CaCO3)	290	5.0		1		mg/L	N/A	07/24/06	SM 2320B
Carbonate (as CaCO3)	ND	1.0		1		mg/L	N/A	07/24/06	SM 2320B

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 07/21/06
Work Order No: 06-07-1032

Project: Hewitt Landfill Groundwater

Client Sample Number	Lab Sample Number	Date Collected	Matrix
4899-280-072006-2	**06-07-1032-3**	**07/20/06**	**Aqueous**

Comment(s): (1) Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Hardness, Total	ND	2.0		1		mg/L	N/A	07/22/06	EPA 130.2
Solids, Total Dissolved	ND	1.0		1		mg/L	N/A	07/26/06	EPA 160.1
Chloride	ND	1.0		1		mg/L	N/A	07/22/06	EPA 300.0
Nitrite (as N)	ND	0.10		1		mg/L	N/A	07/22/06	EPA 300.0
Nitrate (as N)	ND	0.10		1		mg/L	N/A	07/22/06	EPA 300.0
Sulfate	1.4	1.0		1		mg/L	N/A	07/22/06	EPA 300.0
Perchlorate	ND	2.0		1		ug/L	N/A	07/24/06	EPA 314.0
Fluoride	ND	0.10		1		mg/L	N/A	07/26/06	EPA 340.2
Sulfide, Total	ND	0.050		1		mg/L	07/27/06	07/27/06	EPA 376.2
Carbon, Total Organic	ND	0.50		1		mg/L	N/A	07/22/06	EPA 415.1
Chromium, Hexavalent (1)	0.11	1.0	0.057	1	J,B	ug/L	N/A	07/21/06	EPA 7199
Alkalinity, Total (as CaCO3)	1.7	1.0		1		mg/L	N/A	07/24/06	SM 2320B
Bicarbonate (as CaCO3)	1.7	1.0		1		mg/L	N/A	07/24/06	SM 2320B
Carbonate (as CaCO3)	ND	1.0		1		mg/L	N/A	07/24/06	SM 2320B

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 07/21/06
Work Order No: 06-07-1032

Project: Hewitt Landfill Groundwater

Client Sample Number	Lab Sample Number	Date Collected	Matrix
Method Blank		**N/A**	**Aqueous**

Comment(s): (1) Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Hardness, Total	ND	2.0		1		mg/L	N/A	07/22/06	EPA 130.2
Solids, Total Dissolved	ND	1.0		1		mg/L	N/A	07/26/06	EPA 160.1
Chloride	ND	1.0		1		mg/L	N/A	07/22/06	EPA 300.0
Nitrite (as N)	ND	0.10		1		mg/L	N/A	07/22/06	EPA 300.0
Nitrate (as N)	ND	0.10		1		mg/L	N/A	07/22/06	EPA 300.0
Sulfate	ND	1.0		1		mg/L	N/A	07/22/06	EPA 300.0
Chloride	ND	1.0		1		mg/L	N/A	07/19/06	EPA 300.0
Nitrite (as N)	ND	0.10		1		mg/L	N/A	07/19/06	EPA 300.0
Nitrate (as N)	ND	0.10		1		mg/L	N/A	07/19/06	EPA 300.0
Sulfate	ND	1.0		1		mg/L	N/A	07/19/06	EPA 300.0
Perchlorate	ND	2.0		1		ug/L	N/A	07/24/06	EPA 314.0
Fluoride	ND	0.10		1		mg/L	N/A	07/26/06	EPA 340.2
Sulfide, Total	ND	0.050		1		mg/L	07/27/06	07/27/06	EPA 376.2
Carbon, Total Organic	ND	0.50		1		mg/L	N/A	07/22/06	EPA 415.1
Chromium, Hexavalent (1)	0.065	1.0	0.057	1	J	ug/L	N/A	07/21/06	EPA 7199
Alkalinity, Total (as CaCO3)	ND	1.0		1		mg/L	N/A	07/24/06	SM 2320B
Bicarbonate (as CaCO3)	ND	1.0		1		mg/L	N/A	07/24/06	SM 2320B
Carbonate (as CaCO3)	ND	1.0		1		mg/L	N/A	07/24/06	SM 2320B

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 07/21/06
Work Order No: 06-07-1032
Preparation: EPA 3010A Total
Method: EPA 6010B

Project Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
4899-280-072006-Q	**Aqueous**	**ICP 3300**	**07/24/06**	**07/26/06**	**060724S03**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Calcium	4X	4X	77-113	4X	0-11	Q
Iron	102	124	65-149	6	0-21	
Magnesium	4X	4X	56-140	4X	0-11	Q
Manganese	104	107	86-116	3	0-7	
Potassium	106	111	83-131	2	0-7	
Sodium	4X	4X	73-127	4X	0-9	Q
Silicon	4X	4X	24-180	4X	0-15	Q

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 07/21/06
Work Order No: 06-07-1032
Preparation: EPA 3020A Total
Method: EPA 6020

Project Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
4899-280-072006-Q	**Aqueous**	**ICP/MS A**	**07/27/06**	**07/28/06**	**060727S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	112	109	80-120	3	0-20	
Arsenic	100	99	80-120	1	0-20	
Beryllium	99	95	80-120	4	0-20	
Cadmium	100	98	80-120	2	0-20	
Chromium	98	103	80-120	5	0-20	
Copper	87	90	80-120	3	0-20	
Lead	107	105	80-120	1	0-20	
Nickel	93	96	80-120	3	0-20	
Selenium	90	87	80-120	4	0-20	
Silver	102	99	80-120	3	0-20	
Thallium	103	102	80-120	1	0-20	
Zinc	108	103	80-120	3	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received:	07/21/06
Work Order No:	06-07-1032
Preparation:	EPA 7470A Total
Method:	EPA 7470A

Project Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
4899-280-072006-Q	**Aqueous**	**Mercury**	**07/21/06**	**07/21/06**	**060721S04**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	107	108	71-134	0	0-14	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: 07/21/06
Work Order No: 06-07-1032
Preparation: EPA 3520B
Method: EPA 8270C(M) Isotope Dilution

Project Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
4899-280-072006-Q	**Aqueous**	**GC/MS P**	**07/24/06**	**07/29/06**	**060724S02A**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	109	107	50-130	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received:	07/21/06
Work Order No:	06-07-1032
Preparation:	EPA 3520B
Method:	EPA 1625CM

Project Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
4899-280-072006-Q	**Aqueous**	**GC/MS H**	**07/24/06**	**07/28/06**	**060724S11**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
N-Nitrosodimethylamine	55	40	50-130	33	0-20	4,3

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received:	07/21/06
Work Order No:	06-07-1032
Preparation:	EPA 5030B
Method:	EPA 8260B

Project Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
4899-280-072006-Q	**Aqueous**	**GC/MS R**	**07/21/06**	**07/22/06**	**060721S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	91	93	88-118	3	0-7	
Carbon Tetrachloride	88	93	67-145	5	0-11	
Chlorobenzene	98	99	88-118	0	0-7	
1,2-Dichlorobenzene	98	95	86-116	3	0-8	
1,1-Dichloroethene	84	84	70-130	0	0-25	
Toluene	95	96	87-123	1	0-8	
Trichloroethene	96	95	79-127	0	0-10	
Vinyl Chloride	77	83	69-129	8	0-13	
Methyl-t-Butyl Ether (MTBE)	86	89	71-131	3	0-13	
Tert-Butyl Alcohol (TBA)	75	77	36-168	3	0-45	
Diisopropyl Ether (DIPE)	103	94	81-123	9	0-9	
Ethyl-t-Butyl Ether (ETBE)	103	102	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	101	100	72-126	1	0-12	
Ethanol	93	100	53-149	7	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received:	07/21/06
Work Order No:	06-07-1032
Preparation:	EPA 5030B
Method:	SRL 524M-TCP

Project Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
4899-280-072006-Q	**Aqueous**	**GC/MS M**	**07/21/06**	**07/21/06**	**060721S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	89	86	80-120	3	0-20	
1,4-Dioxane	95	96	80-120	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 06-07-1032

Project: Hewitt Landfill Groundwater

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	MS% REC	MSD % REC	%REC CL	RPD	RPD CL	Qualifiers
Chloride	EPA 300.0	4899-280-072006-Q	07/22/06	N/A	104	104	56-134	0	0-3	
Nitrite (as N)	EPA 300.0	4899-280-072006-Q	07/22/06	N/A	103	101	68-122	1	0-8	
Nitrate (as N)	EPA 300.0	4899-280-072006-Q	07/22/06	N/A	101	100	58-142	1	0-6	
Sulfate	EPA 300.0	4899-280-072006-Q	07/22/06	N/A	107	109	49-133	2	0-3	
Chromium, Hexavalent	EPA 7199	4899-280-072006-Q	07/21/06	N/A	109	109	70-130	1	0-25	
Perchlorate	EPA 314.0	4899-280-072006-Q	07/24/06	N/A	101	102	80-120	0	0-15	
Fluoride	EPA 340.2	4899-280-072006-Q	07/26/06	N/A	100	99	70-130	1	0-25	
Carbon, Total Organic	EPA 415.1	4899-280-072006-Q	07/22/06	N/A	108	105	70-130	2	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 06-07-1032

Project: Hewitt Landfill Groundwater

Matrix: Aqueous

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Hardness, Total	EPA 130.2	4899-280-072006-Q	07/22/06	430	440	0	0-25	
Alkalinity, Total (as CaCO3)	SM 2320B	4899-280-072006-Q	07/24/06	290	290	0	0-25	
Bicarbonate (as CaCO3)	SM 2320B	4899-280-072006-Q	07/24/06	290	290	0	0-25	
Carbonate (as CaCO3)	SM 2320B	4899-280-072006-Q	07/24/06	ND	ND	NA	0-25	
Hydroxide (as CaCO3)	SM 2320B	4899-280-072006-Q	07/24/06	ND	ND	NA	0-25	
Sulfide, Total	EPA 376.2	4899-280-072006-Q	07/27/06	ND	ND	NA	0-25	
Solids, Total Dissolved	EPA 160.1	4899-280-072006-Q	07/26/06	623	666	7	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Camp Dresser & McKee, Inc.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	06-07-1032
Suite 200		Preparation:	EPA 3010A Total
Irvine, CA 92612-1627		Method:	EPA 6010B

Project: Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-003-6,330	**Aqueous**	**ICP 3300**	**07/26/06**	**060724L03**	**060724L03**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Calcium	0.500	0.504	101	80-120	
Iron	0.500	0.495	99	80-120	
Magnesium	0.500	0.495	99	80-120	
Manganese	0.500	0.512	102	80-120	
Potassium	5.00	4.91	98	80-120	
Sodium	5.00	5.70	114	80-120	
Silicon	0.500	0.594	119	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 06-07-1032
Preparation: EPA 3020A Total
Method: EPA 6020

Project: Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
096-06-003-1,085	**Aqueous**	**ICP/MS A**	**07/27/06**	**07/28/06**	**060727L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	104	103	80-120	1	0-20	
Arsenic	96	94	80-120	2	0-20	
Beryllium	94	93	80-120	2	0-20	
Cadmium	97	95	80-120	2	0-20	
Chromium	103	100	80-120	3	0-20	
Copper	97	96	80-120	0	0-20	
Lead	101	100	80-120	1	0-20	
Nickel	98	101	80-120	3	0-20	
Selenium	86	84	80-120	2	0-20	
Silver	105	104	80-120	0	0-20	
Thallium	95	94	80-120	1	0-20	
Zinc	92	93	80-120	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received:	N/A
Work Order No:	06-07-1032
Preparation:	EPA 7470A Total
Method:	EPA 7470A

Project: Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-008-2,571	**Aqueous**	**Mercury**	**07/21/06**	**07/21/06**	**060721L04**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	106	106	90-122	0	0-14	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 06-07-1032
Preparation: EPA 3520B
Method: EPA 8270C(M) Isotope Dilution

Project: Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-004-620	**Aqueous**	**GC/MS P**	**07/24/06**	**07/29/06**	**060724L02D**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	102	100	50-130	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received:	N/A
Work Order No:	06-07-1032
Preparation:	EPA 3520B
Method:	EPA 1625CM

Project: Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-07-027-265	**Aqueous**	**GC/MS H**	**07/24/06**	**07/28/06**	**060724L11**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
N-Nitrosodimethylamine	52	55	50-130	5	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Camp Dresser & McKee, Inc.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	06-07-1032
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B

Project: Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-10-006-18,589	**Aqueous**	**GC/MS R**	**07/21/06**	**21JUL027.rr**	**060721L02**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Benzene	50	44	89	84-120	
Carbon Tetrachloride	50	43	85	63-147	
Chlorobenzene	50	48	97	89-119	
1,2-Dichlorobenzene	50	46	93	89-119	
1,1-Dichloroethene	50	41	82	77-125	
Toluene	50	46	92	83-125	
Trichloroethene	50	46	92	89-119	
Vinyl Chloride	50	38	76	63-135	
Methyl-t-Butyl Ether (MTBE)	50	42	85	82-118	
Tert-Butyl Alcohol (TBA)	250	170	70	46-154	
Diisopropyl Ether (DIPE)	50	47	93	81-123	
Ethyl-t-Butyl Ether (ETBE)	50	49	99	74-122	
Tert-Amyl-Methyl Ether (TAME)	50	48	97	76-124	
Ethanol	500	340	68	60-138	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	06-07-1032
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	SRL 524M-TCP

Project: Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-022-253	**Aqueous**	**GC/MS M**	**07/21/06**	**07/21/06**	**060721L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	86	90	80-120	5	0-20	
1,4-Dioxane	98	92	80-120	6	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 06-07-1032

Project: Hewitt Landfill Groundwater

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Extracted	Date Analyzed	LCS % REC	LCSD % REC	%REC CL	RPD	RPD CL	Qual
Chloride	EPA 300.0	099-05-118-3,481	N/A	07/22/06	99	100	81-111	1	0-5	
Nitrite (as N)	EPA 300.0	099-05-118-3,481	N/A	07/22/06	99	96	73-115	3	0-26	
Nitrate (as N)	EPA 300.0	099-05-118-3,481	N/A	07/22/06	97	97	87-111	0	0-12	
Sulfate	EPA 300.0	099-05-118-3,481	N/A	07/22/06	101	102	89-107	0	0-13	
Chromium, Hexavalent	EPA 7199	099-05-123-1,701	N/A	07/21/06	105	104	80-120	1	0-20	
Perchlorate	EPA 314.0	099-05-203-436	N/A	07/24/06	108	112	85-115	3	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Camp Dresser & McKee, Inc.
18581 Teller Avenue
Suite 200
Irvine, CA 92612-1627

Date Received: N/A
Work Order No: 06-07-1032

Project: Hewitt Landfill Groundwater

Matrix : Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Fluoride	EPA 340.2	097-01-022-314	07/26/06	N/A	0.50	0.50	100	80-120	
Carbon, Total Organic	EPA 415.1	099-05-097-2,354	07/22/06	N/A	5.0	4.8	97	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-07-1032

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Calscience
Environmental
Laboratories, Inc.

Volatile Organics by EPA 8260B

Camp Dresser & McKee

CEL W.O. 06-07-1032

Hewitt Landfill Groundwater

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Injection Log

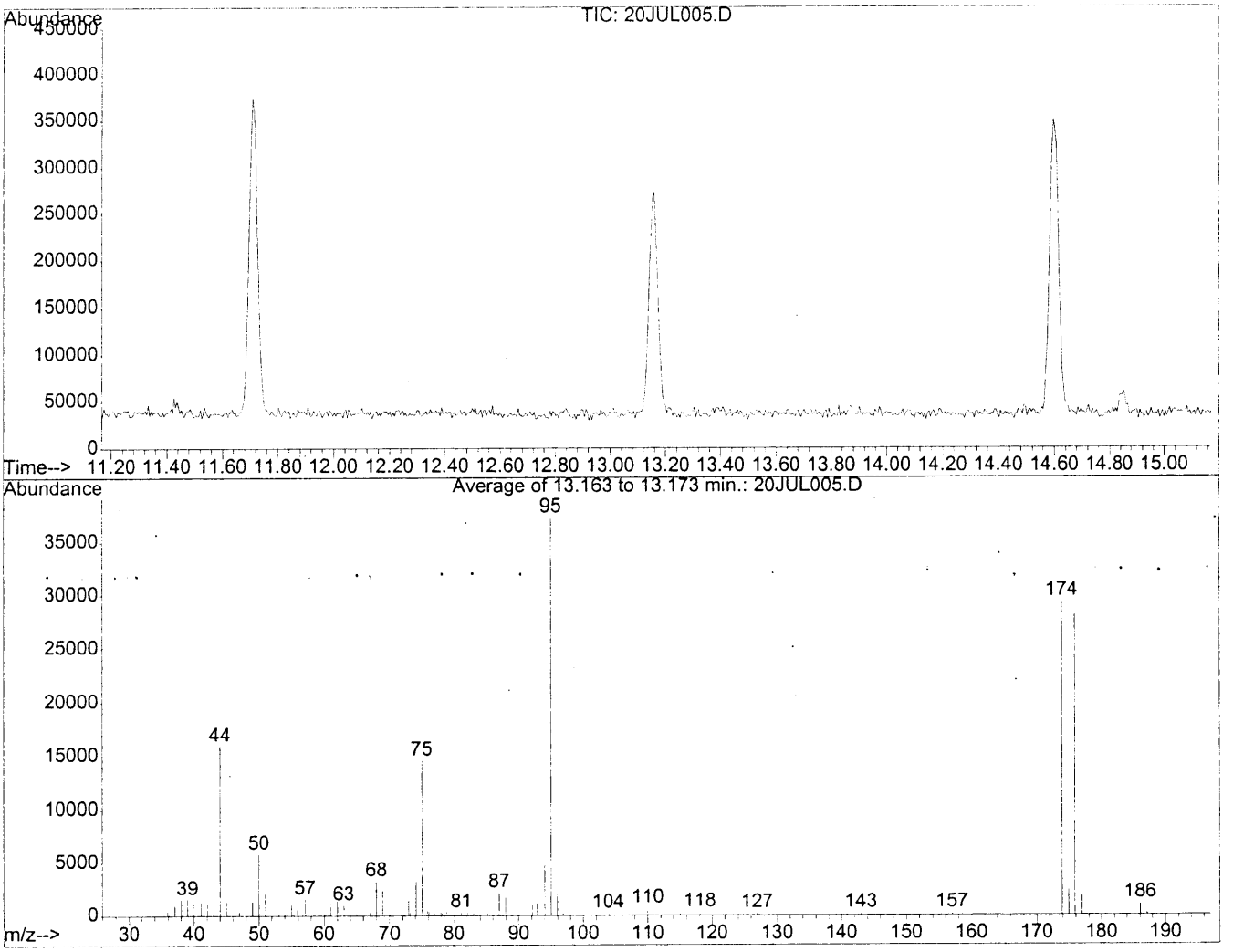
Directory: D:\DATA\072006

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	20jul001.d	1.	BLK	V063006C	20 Jul 2006 12:39
2	2	20jul002.d	1.	BLK	V071206E	20 Jul 2006 13:10
3	3	20jul003.d	1.	BLK	V071206E	20 Jul 2006 13:40
4	4	20jul004.d	1.	BFB	V071206E	20 Jul 2006 15:14
5	5	20jul005.d	1.	BFB	V071206E	20 Jul 2006 16:05
6	6	20jul006.d	1.	0.5 PPB IC V071206A/B	V071206E	20 Jul 2006 17:41
7	7	20jul007.d	1.	1.0 PPB IC V071206A/B	V071206E	20 Jul 2006 18:12
8	8	20jul008.d	1.	10 PPB IC V071206A/B	V071206E	20 Jul 2006 18:42
9	9	20jul009.d	1.	50 PPB IC V071206A/B	V071206E	20 Jul 2006 19:13
10	10	20jul010.d	1.	100 PPB IC V071206A/B	V071206E	20 Jul 2006 19:44
11	11	20jul011.d	1.	200 PPB IC V071206A/B	V071206E	20 Jul 2006 20:14
12	12	20jul012.d	1.	MB	V071206E	20 Jul 2006 20:45
13	13	20jul013.d	1.	MB	V071206E	20 Jul 2006 21:15
14	14	20jul014.d	1.	MB	V071206E	20 Jul 2006 21:46
15		20jul015.d	1.	No MS or GC data present		

CLPBFB

Data File : D:\DATA\072006\20JUL005.D
Acq On : 20 Jul 2006 4:05 pm
Sample : BFB
Misc : V071206E
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B

Vial: 5
Operator:
Inst : GCMS R
Multiplr: 1.00



Spectrum Information: Average of 13.163 to 13.173 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.6	5825	PASS
75	95	30	60	39.0	14548	PASS
95	95	100	100	100.0	37261	PASS
96	95	5	9	6.1	2265	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	78.6	29282	PASS
175	174	5	9	8.1	2380	PASS
176	174	95	101	96.2	28173	PASS
177	176	5	9	6.4	1808	PASS

20JUL005.D 060718.M Thu Jul 20 16:28:08 2006 TEST

Average % RSD = 9.57

Untitled

Response Factor Report GCMS R

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration

PB 07/21/06

Calibration Files
0.5 =20JUL006.D 1 =20JUL007.D 10 =20JUL008.D 200 =20JUL011.D
20 =21JUL002.D 50 =20JUL009.D 100 =20JUL010.D

		Compound	0.5	1	10	20	50	100	200	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------								
2)	T	Dichlorodifluor		0.623	0.570	0.635	0.535	0.550	0.558	0.579	7.06
3)	P	Chloromethane		0.932	0.843	0.952	0.731	0.836	0.861	0.859	9.18
4)	CCC	Vinyl Chloride	0.830	0.609	0.646	0.715	0.587	0.648	0.585	0.660	13.24
5)	T	Bromomethane			0.415	0.405	0.324	0.330	0.152	0.325	32.36
6)	T	Chloroethane		0.169	0.382	0.431	0.347	0.388	0.349	0.344	26.46
7)	T	Trichlorofluoro		0.630	0.616	0.619	0.597	0.642	0.597	0.617	2.88
8)	T	Ethanol			0.015	0.016	0.012	0.011	0.011	0.013#	16.14
9)	T	Diethyl Ether			0.423	0.337	0.306	0.295	0.292	0.331	16.53
10)	T	Acetone			0.043	0.087	0.053	0.053	0.052	0.058#	29.38
11)	T	Iodomethane			0.135	0.286	0.298	0.351	0.334	0.281	30.42
12)	CCC	1,1-Dichloroeth		0.601	0.590	0.740	0.576	0.568	0.569	0.607	10.89
13)	T	1,1,2-Trichloro			0.381	0.467	0.353	0.354	0.354	0.382	12.81
14)	T	Tert-Butyl Alco			0.110	0.152	0.097	0.112	0.091	0.112	21.17
15)	T	Carbon Disulfid			1.066	1.447	1.007	1.022	1.016	1.111	16.98
16)	T	Acetonitrile			0.088	0.094	0.088	0.082	0.082	0.087#	5.77
17)	T	Acrylonitrile			0.268	0.342	0.223	0.292	0.229	0.271	18.00
18)	T	Allyl Chloride			0.845	1.045	0.768	0.783	0.733	0.835	14.88
19)	T	Acrolein			0.331	0.409	0.269	0.269	0.259	0.307	20.66
20)	T	Methyl Acetate			0.622	0.670	0.451	0.541	0.448	0.547	18.27
21)	T	Methylene Chlor			0.819	0.658	0.438	0.495	0.365	0.555	32.95
22)	T	t-1,2-Dichloroe		0.650	0.409	0.566	0.378	0.471	0.374	0.475	23.66
23)	T	Isobutyl Alcoho			0.622	0.670	0.451	0.541	0.448	0.547	18.27
24)	T	Methyl-t-Butyl		1.472	1.152	1.453	1.089	1.263	1.051	1.247	14.60
25)	T	Hexane			1.000	1.006	0.733	0.938	0.705	0.876	16.74
26)	P	1,1-Dichloroeth		0.974	0.886	0.979	0.695	0.875	0.699	0.851	14.92
27)	T	Vinyl Acetate			0.122	0.147	0.100	0.133	0.100	0.120	17.03
28)	T	Diisopropyl Eth		2.403	1.988	2.215	1.561	1.899	1.753	1.970	15.51
29)	T	Chloroprene			0.872	0.913	0.661	0.803	0.706	0.791	13.50
30)	T	Ethyl-t-Butyl E		1.767	1.730	1.955	1.860	1.741	1.743	1.799	5.00
31)	T	c-1,2-Dichloroe		0.719	0.540	0.594	0.592	0.562	0.580	0.598	10.48
32)	T	2,2-Dichloropro		1.072	0.763	0.810	0.704	0.680	0.663	0.782	19.48
33)	T	2-Butanone			0.424	0.399	0.400	0.405	0.419	0.409	2.72
34)	T	Propionitrile			0.131	0.153	0.145	0.143	0.148	0.144	5.78
35)	T	Methacrylonitri			0.513	0.544	0.502	0.500	0.491	0.510	4.03
36)	T	Propanedinitril			0.114	0.117	0.103	0.101	0.102	0.107	7.03
37)	T	Bromochlorometh		0.281	0.321	0.349	0.327	0.308	0.330	0.319	7.27
38)	T	Tetrahydrofuran			0.355	0.373	0.300	0.315	0.304	0.329	9.91
39)	CCC	Chloroform		0.952	0.836	0.840	0.791	0.781	0.772	0.829	8.03
40)	S	Dibromofluorome	0.424	0.422	0.431	0.441	0.439	0.446	0.442	0.435	2.13
41)	T	1,1,1-Trichloro		0.682	0.724	0.743	0.674	0.677	0.667	0.695	4.48

Untitled

42)	T	Cyclohexane			0.940	0.985	0.951	0.992	0.950	0.964	2.40
43)	T	1,1-Dichloropro		0.722	0.736	0.735	0.697	0.697	0.671	0.710	3.59
44)	T	Carbon Tetrachl	0.549	0.622	0.590	0.594	0.568	0.560	0.568	0.579	4.32
45)	S	1,2-Dichloroeth	0.437	0.431	0.450	0.477	0.442	0.443	0.448	0.447	3.30
46)	I	1,4-Difluorobenzene	----------ISTD----------								
47)	T	Benzene	1.684	1.426	1.295	1.231	1.223	1.168	1.088	1.302	15.24
48)	T	1,2-Dichloroeth	0.416	0.344	0.365	0.388	0.354	0.335	0.335	0.362	8.28
49)	T	Tert-Amyl-Methy		0.883	0.869	0.896	0.861	0.831	0.799	0.857	4.19
50)	T	Thiophene			0.693	0.709	0.698	0.662	0.646	0.682	3.90
51)	T	Trichloroethene		0.300	0.321	0.320	0.307	0.293	0.288	0.305	4.59
52)	CCC	1,2-Dichloropro		0.370	0.345	0.346	0.328	0.315	0.301	0.334	7.42
53)	T	Methylcyclohexa			0.627	0.694	0.617	0.601	0.581	0.624	6.85
54)	T	Dibromomethane		0.196	0.155	0.173	0.152	0.145	0.145	0.161	12.44
55)	T	Methyl Methacry			0.291	0.281	0.254	0.253	0.247	0.265	7.38
56)	T	Bromodichlorome		0.349	0.357	0.361	0.342	0.336	0.330	0.346	3.46
57)	T	2-Chloroethyl V			0.103	0.109	0.091	0.076	0.069	0.090#	18.91
58)	T	c-1,3-Dichlorop	0.507	0.433	0.511	0.544	0.495	0.472	0.466	0.490	7.38
59)	S	Toluene-d8	1.123	1.124	1.109	1.194	1.118	1.133	1.127	1.133	2.47
60)	CCC	Toluene		1.474	1.386	1.448	1.317	1.249	1.157	1.338	9.09
61)	T	4-Methyl-2-Pent			0.199	0.229	0.196	0.192	0.185	0.200	8.57
62)	I	Chlorobenzene-d5	----------ISTD----------								
63)	T	t-1,3-Dichlorop	0.475	0.475	0.481	0.524	0.482	0.472	0.470	0.483	3.91
64)	T	Ethyl Methacryl			0.517	0.535	0.519	0.507	0.487	0.513	3.42
65)	T	1,1,2-Trichloro		0.274	0.254	0.254	0.244	0.241	0.231	0.250	5.85
66)	T	Tetrachloroethe		0.343	0.372	0.382	0.369	0.359	0.346	0.362	4.31
67)	T	1,3-Dichloropro		0.469	0.533	0.553	0.523	0.504	0.486	0.511	6.07
68)	T	2-Hexanone			0.212	0.220	0.202	0.205	0.196	0.207	4.44
69)	T	Dibromochlorome		0.323	0.324	0.320	0.322	0.307	0.304	0.317	2.70
70)	T	1,2-Dibromoetha		0.329	0.320	0.317	0.309	0.302	0.297	0.312	3.84
71)	P	Chlorobenzene		0.950	1.056	1.087	1.033	0.995	0.960	1.014	5.37
72)	T	1,1,1,2-Tetrach		0.278	0.321	0.341	0.324	0.314	0.313	0.315	6.54
73)	CCC	Ethylbenzene		1.696	1.705	1.702	1.625	1.537	1.416	1.614	7.21
74)	T	p/m-Xylene	1.504	1.260	1.309	1.316	1.212	1.115	0.977	1.242	13.41
75)	T	o-Xylene		1.317	1.329	1.364	1.256	1.195	1.115	1.263	7.45
76)	T	Styrene		1.094	1.180	1.203	1.141	1.093	1.022	1.122	5.90
77)	P	Bromoform		0.192	0.201	0.201	0.206	0.196	0.191	0.198	2.97
78)	T	Isopropylbenzen		1.585	1.707	1.697	1.640	1.538	1.444	1.602	6.30
79)	S	1,4-Bromofluoro	0.474	0.467	0.476	0.485	0.486	0.472	0.469	0.475	1.59
80)	T	1,2,3-Trichloro		0.547	0.577	0.615	0.578	0.538	0.503	0.560	6.94
81)	T	Bromobenzene		0.342	0.371	0.387	0.372	0.350	0.343	0.361	5.15
82)	P	1,1,2,2-Tetrach		0.499	0.470	0.492	0.449	0.408	0.389	0.451	9.97
83)	T	n-Propylbenzene		1.824	1.970	2.071	1.923	1.801	1.630	1.870	8.21
84)	T	t-1,4-Dichloro-			0.176	0.176	0.161	0.150	0.142	0.161	9.37
85)	T	2-Chlorotoluene		1.135	1.157	1.162	1.125	1.067	1.010	1.110	5.37
86)	T	1,3,5-Trimethyl		1.317	1.412	1.466	1.353	1.287	1.169	1.334	7.75
87)	I	1,4-Dichlorobenzene-d	----------ISTD----------								
88)	T	4-Chlorotoluene		3.055	2.850	2.904	2.779	2.710	2.585	2.814	5.78
89)	T	1,2,4-Trimethyl		3.114	3.095	3.147	3.013	2.868	2.752	2.998	5.23
90)	T	tert-Butylbenze		3.539	3.584	3.470	3.455	3.323	3.194	3.428	4.22
91)	T	p-Isopropyltolu		3.369	3.483	3.503	3.381	3.268	3.021	3.338	5.30
92)	T	sec-Butylbenzen		4.312	4.268	4.315	4.114	3.959	3.665	4.105	6.24
93)	T	1,3-Dichloroben		1.677	1.735	1.764	1.713	1.634	1.576	1.683	4.13
94)	T	1,4-Dichloroben		1.735	1.810	1.755	1.723	1.648	1.583	1.709	4.74

Untitled

95)	T	1,2-Dichloroben	1.545	1.577	1.639	1.576	1.487	1.421	1.541	4.98
96)	T	n-Butylbenzene	2.765	3.084	3.155	2.989	2.850	2.620	2.911	6.97
97)	T	1,2-Dibromo-3-C		0.167	0.185	0.179	0.177	0.176	0.177	3.57
98)	T	1,2,4-Trichloro	0.989	1.150	1.225	1.154	1.126	1.088	1.122	7.05
99)	T	Hexachloro-1,3-		0.546	0.589	0.551	0.527	0.538	0.550	4.30
100)	T	Naphthalene		3.510	3.684	3.374	3.311	3.151	3.406	5.93
101)	T	1,2,3-Trichloro	0.969	1.086	1.159	1.087	1.073	1.039	1.069	5.87

(#) = Out of Range

060720.M Fri Jul 21 11:11:19 2006 TEST

Response FGCMS R

RS 07/21/06

Method E Integrato)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration

Calibration Files
0.5 =20JU=20JUL008 200 =20J UL011.D
20 =21JU=20JUL010.D

Compound	50	100	200	Avg	%RSD
1) I Penta D					
2) T Dichl	0.535	0.550	0.558	0.579	7.06	1.59
3) P Chlor	0.731	0.836	0.861	0.859	9.18	2.13
4) CCC Vin	0.587	0.648	0.585	0.66	13.24	2.4
5) T Brom	0.324	0.330	0.152	0.325	32.36	2.47
6) T Chlor	0.347	0.388	0.349	0.344	26.46	2.7
7) T Trich	0.597	0.642	0.597	0.617	2.88	2.72
8) T Ethan	0.012	0.011	0.011	0.013#	16.14	2.88
9) T Dieth	0.306	0.295	0.292	0.331	16.53	2.97
10) T Ace	0.053	0.053	0.052	0.058#	29.38	3.3
11) T Iodo	0.298	0.351	0.334	0.281	30.42	3.42
12) CCC 1,	0.576	0.568	0.569	0.607	10.89	3.46
13) T 1,1,2	0.353	0.354	0.354	0.382	12.81	3.57
14) T Tert	0.097	0.112	0.091	0.112	21.17	3.59
15) T Carb	1.007	1.022	1.016	1.111	16.98	3.84
16) T Ace	0.088	0.082	0.082	0.087#	5.77	3.9
17) T Acry	0.223	0.292	0.229	0.271	18	3.91
18) T Allyl	0.768	0.783	0.733	0.835	14.88	4.03
19) T Acro	0.269	0.269	0.259	0.307	20.66	4.13
20) T Meth	0.451	0.541	0.448	0.547	18.27	4.19
21) T Meth	0.438	0.495	0.365	0.555	32.95	4.22
22) T t-1,2	0.378	0.471	0.374	0.475	23.66	4.3
23) T Isob	0.451	0.541	0.448	0.547	18.27	4.31
24) T Meth	1.089	1.263	1.051	1.247	14.6	4.32
25) T Hex	0.733	0.938	0.705	0.876	16.74	4.44
26) P 1,1-	0.695	0.875	0.699	0.851	14.92	4.48
27) T Viny	0.100	0.133	0.1	0.12	17.03	4.59
28) T Diis	1.561	1.899	1.753	1.97	15.51	4.74
29) T Chlo	0.661	0.803	0.706	0.791	13.5	4.98
30) T Ethy	1.860	1.741	1.743	1.799	5	5
31) T c-1,	0.592	0.562	0.58	0.598	10.48	5.15
32) T 2,2-	0.704	0.680	0.663	0.782	19.48	5.23
33) T 2-Bu	0.400	0.405	0.419	0.409	2.72	5.3
34) T Prop	0.145	0.143	0.148	0.144	5.78	5.37
35) T Meth	0.502	0.500	0.491	0.51	4.03	5.37

36) T	Prop	0.103	0.101	0.102	0.107	7.03	5.77
37) T	Bron	0.327	0.308	0.33	0.319	7.27	5.78
38) T	Tetr	0.300	0.315	0.304	0.329	9.91	5.78
39) CCC	C	0.791	0.781	0.772	0.829	8.03	5.85
40) S	Dibr	0.439	0.446	0.442	0.435	2.13	5.87
41) T	1,1,1	0.674	0.677	0.667	0.695	4.48	5.9
42) T	Cyc	0.951	0.992	0.95	0.964	2.4	5.93
43) T	1,1-	0.697	0.697	0.671	0.71	3.59	6.07
44) T	Carb	0.568	0.560	0.568	0.579	4.32	6.24
45) S	1,2-	0.442	0.443	0.448	0.447	3.3	6.3
							6.54
46) I	1,4-DTD	----------	------		-------		6.85
47) T	Ben	1.223	1.168	1.088	1.302	15.24	6.94
48) T	1,2-	0.354	0.335	0.335	0.362	8.28	6.97
49) T	Tert	0.861	0.831	0.799	0.857	4.19	7.03
50) T	Thio	0.698	0.662	0.646	0.682	3.9	7.05
51) T	Tric	0.307	0.293	0.288	0.305	4.59	7.06
52) CCC	1,	0.328	0.315	0.301	0.334	7.42	7.21
53) T	Meth	0.617	0.601	0.581	0.624	6.85	7.27
54) T	Dibr	0.152	0.145	0.145	0.161	12.44	7.38
55) T	Meth	0.254	0.253	0.247	0.265	7.38	7.38
56) T	Bron	0.342	0.336	0.33	0.346	3.46	7.42
57) T	2-Ch	0.091	0.076	0.069	0.090#	18.91	7.45
58) T	c-1,	0.495	0.472	0.466	0.49	7.38	7.75
59) S	Tolu	1.118	1.133	1.127	1.133	2.47	8.03
60) CCC	To	1.317	1.249	1.157	1.338	9.09	8.21
61) T	4-M	0.196	0.192	0.185	0.2	8.57	8.28
							8.57
62) I	Chlo	D----------	------		------		9.09
63) T	t-1,3	0.482	0.472	0.47	0.483	3.91	9.18
64) T	Ethy	0.519	0.507	0.487	0.513	3.42	9.37
65) T	1,1,2	0.244	0.241	0.231	0.25	5.85	9.91
66) T	Tetr	0.369	0.359	0.346	0.362	4.31	9.97
67) T	1,3-	0.523	0.504	0.486	0.511	6.07	10.48
68) T	2-He	0.202	0.205	0.196	0.207	4.44	10.89
69) T	Dibr	0.322	0.307	0.304	0.317	2.7	12.44
70) T	1,2-	0.309	0.302	0.297	0.312	3.84	12.81
71) P	Chlo	1.033	0.995	0.96	1.014	5.37	13.24
72) T	1,1,1	0.324	0.314	0.313	0.315	6.54	13.41
73) CCC	E	1.625	1.537	1.416	1.614	7.21	13.5
74) T	p/m-	1.212	1.115	0.977	1.242	13.41	14.6
75) T	o-Xy	1.256	1.195	1.115	1.263	7.45	14.88
76) T	Styr	1.141	1.093	1.022	1.122	5.9	14.92
77) P	Bron	0.206	0.196	0.191	0.198	2.97	15.24
78) T	Isop	1.640	1.538	1.444	1.602	6.3	15.51
79) S	1,4-	0.486	0.472	0.469	0.475	1.59	16.14
80) T	1,2,3	0.578	0.538	0.503	0.56	6.94	16.53
81) T	Bron	0.372	0.350	0.343	0.361	5.15	16.74
82) P	1,1,	0.449	0.408	0.389	0.451	9.97	16.98

83) T	n-Pr	1.923	1.801	1.63	1.87	8.21		17.03
84) T	t-1,4	0.161	0.150	0.142	0.161	9.37		18
85) T	2-Ch	1.125	1.067	1.01	1.11	5.37		18.27
86) T	1,3,5	1.353	1.287	1.169	1.334	7.75		18.27
								18.91
87) I	1,4-D	STD----------			--------			19.48
88) T	4-Ch	2.779	2.710	2.585	2.814	5.78		20.66
89) T	1,2,4	3.013	2.868	2.752	2.998	5.23		21.17
90) T	tert-	3.455	3.323	3.194	3.428	4.22		23.66
91) T	p-Is	3.381	3.268	3.021	3.338	5.3		26.46
92) T	sec-	4.114	3.959	3.665	4.105	6.24		29.38
93) T	1,3-	1.713	1.634	1.576	1.683	4.13		30.42
94) T	1,4-	1.723	1.648	1.583	1.709	4.74		32.36
95) T	1,2-	1.576	1.487	1.421	1.541	4.98		32.95
96) T	n-Bu	2.989	2.850	2.62	2.911	6.97	AVERAGE	9.574536
97) T	1,2-	0.179	0.177	0.176	0.177	3.57		
98) T	1,2,4	1.154	1.126	1.088	1.122	7.05		
99) T	Hex	0.551	0.527	0.538	0.55	4.3		
100) T	Na	3.374	3.311	3.151	3.406	5.93		
101) T	1,2	1.087	1.073	1.039	1.069	5.87		

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(#) = Out of Range

060720.M 006 TEST

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL006.D
Acq On : 20 Jul 2006 5:41 pm
Sample : 0.5 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 09:52:53 2006

Vial: 6
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060718.RES

Quant Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 12 10:29:59 2006
Response via : Initial Calibration
DataAcq Meth : 8260

B 07/21/06

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.20	168	623540	50.00	ug/l	0.00
46) 1,4-Difluorobenzene	8.13	114	1061316	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.71	117	937035	50.00	ug/l	0.00
87) 1,4-Dichlorobenzene-d4	14.60	152	427413	50.00	ug/l	0.00
System Monitoring Compounds						
40) Dibromofluoromethane	7.12	113	264414	43.92	ug/l	0.00
Spiked Amount 50.000	Range 84 - 120		Recovery = 87.84%			
45) 1,2-Dichloroethane-d4	7.55	65	272423	30.99	ug/l	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 61.98%#			
59) Toluene-d8	9.95	98	1192242	47.21	ug/l	0.00
Spiked Amount 50.000	Range 91 - 109		Recovery = 94.42%			
79) 1,4-Bromofluorobenzene	13.16	95	444178	48.05	ug/l	0.00
Spiked Amount 50.000	Range 84 - 108		Recovery = 96.10%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.92	85	5602	0.78	ug/l #	42
3) Chloromethane	2.15	50	13352	2.06	ug/l	80
4) Vinyl Chloride	2.27	62	5177	0.82	ug/l #	43
5) Bromomethane	2.61	94	1205	0.22	ug/l	85
6) Chloroethane	2.85	64	1968	0.45	ug/l	77
7) Trichlorofluoromethane	3.18	101	3517	0.23	ug/l #	51
8) Ethanol	3.50	45	1344	11.13	ug/l	80
9) Diethyl Ether	3.58	45	4938	1.46	ug/l #	21
10) Acetone	3.99	58	10034	15.43	ug/l #	54
11) Iodomethane	4.43	142	216	N.D.		
12) 1,1-Dichloroethene	3.92	61	4156	0.41	ug/l #	61
13) 1,1,2-Trichloro-1,2,2-Trif	3.94	101	2817	0.39	ug/l	83
14) Tert-Butyl Alcohol (TBA)	4.88	59	7683	6.94	ug/l #	1
15) Carbon Disulfide	4.24	76	8630	0.51	ug/l	90
16) Acetonitrile	4.27	41	1016	1.03	ug/l	94
17) Acrylonitrile	5.01	53	23214	9.82	ug/l #	79
18) Allyl Chloride	4.47	41	14482	1.81	ug/l #	48
19) Acrolein	3.69	56	2251	0.72	ug/l	76
20) Methyl Acetate	4.61	43	2069	0.39	ug/l	72
21) Methylene Chloride	4.65	84	71618	9.65	ug/l	89
22) t-1,2-Dichloroethene	5.10	96	1136	0.16	ug/l	90
23) Isobutyl Alcohol	4.53	43	5006	0.96	ug/l	56
24) Methyl-t-Butyl Ether (MTBE	5.21	73	551	N.D.		
25) Hexane	5.51	57	16771	2.39	ug/l	83
26) 1,1-Dichloroethane	5.68	63	7079	0.68	ug/l	60
27) Vinyl Acetate	5.82	86	170	0.15	ug/l	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL006.D
Acq On : 20 Jul 2006 5:41 pm
Sample : 0.5 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 09:52:53 2006

Vial: 6
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060718.RES

Quant Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 12 10:29:59 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) Diisopropyl Ether (DIPE)	5.84	45	18810	1.44 ug/l	66
29) Chloroprene	5.81	53	13770	1.65 ug/l	70
30) Ethyl-t-Butyl Ether (ETBE)	6.34	59	12602	0.94 ug/l	86
31) c-1,2-Dichloroethene	6.50	96	5608	0.97 ug/l	71
32) 2,2-Dichloropropane	6.47	77	10377	1.05 ug/l	98
33) 2-Butanone	6.50	43	3812	1.38 ug/l	49
34) Propionitrile	6.56	54	2085	2.40 ug/l	60
35) Methacrylonitrile	6.76	41	2336	0.73 ug/l	70
36) Propanedinitrile	6.87	66	435	0.56 ug/l	97
37) Bromochloromethane	6.81	130	1913	0.46 ug/l	76
38) Tetrahydrofuran	6.90	42	3595	2.15 ug/l #	49
39) Chloroform	6.91	83	5979	0.48 ug/l	78
41) 1,1,1-Trichloroethane	7.17	97	4305	0.36 ug/l #	42
42) Cyclohexane	7.19	84	27481	3.28 ug/l #	71
43) 1,1-Dichloropropene	7.37	75	3405	0.42 ug/l #	70
44) Carbon Tetrachloride	7.39	117	3423	0.32 ug/l #	45
47) Benzene	7.63	78	17870	0.66 ug/l	99
48) 1,2-Dichloroethane	7.64	62	4415	0.33 ug/l	72
49) Tert-Amyl-Methyl Ether (TA	7.81	73	10564	0.69 ug/l #	1
50) Thiophene	7.90	84	7976	0.60 ug/l #	1
51) Trichloroethene	8.45	95	3898	0.50 ug/l	82
52) 1,2-Dichloropropane	8.73	63	3978	0.65 ug/l	82
53) Methylcyclohexane	8.71	83	8597	0.73 ug/l #	72
54) Dibromomethane	8.87	93	2129	0.49 ug/l #	25
55) Methyl Methacrylate	8.87	69	4715	0.98 ug/l #	59
56) Bromodichloromethane	9.05	83	5139	0.50 ug/l	100
57) 2-Chloroethyl Vinyl Ether	9.42	63	673	0.56 ug/l #	40
58) c-1,3-Dichloropropene	9.62	75	5385	0.57 ug/l	64
60) Toluene	10.03	91	16740	0.55 ug/l	90
61) 4-Methyl-2-Pentanone	9.81	58	2808	1.16 ug/l	94
63) t-1,3-Dichloropropene	10.29	75	4449	0.50 ug/l	73
64) Ethyl Methacrylate	10.40	69	6424	0.82 ug/l	97
65) 1,1,2-Trichloroethane	10.51	83	2390	0.51 ug/l #	19
66) Tetrachloroethene	10.71	166	3446	0.34 ug/l	86
67) 1,3-Dichloropropane	10.72	76	5439	0.52 ug/l	91
68) 2-Hexanone	10.83	58	693	0.34 ug/l	87
69) Dibromochloromethane	11.00	129	3135	0.42 ug/l	89
70) 1,2-Dibromoethane	11.19	107	184	N.D.	
71) Chlorobenzene	11.74	112	10002	0.49 ug/l	87
72) 1,1,1,2-Tetrachloroethane	11.84	131	3366	0.45 ug/l	90
73) Ethylbenzene	11.88	91	16675	0.53 ug/l	81

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL006.D
Acq On : 20 Jul 2006 5:41 pm
Sample : 0.5 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 09:52:53 2006

Vial: 6
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060718.RES

Quant Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 12 10:29:59 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
74)	p/m-Xylene	12.03	91	28188	1.14 ug/l		74
75)	o-Xylene	12.51	91	14437	0.59 ug/l		95
76)	Styrene	12.53	104	10762	0.55 ug/l		64
77)	Bromoform	12.74	173	1730	0.33 ug/l		98
78)	Isopropylbenzene	12.96	105	16224	0.55 ug/l		73
80)	1,2,3-Trichloropropane	13.39	75	5227	0.47 ug/l		83
81)	Bromobenzene	13.35	156	3780	0.41 ug/l	#	37
82)	1,1,2,2-Tetrachloroethane	13.31	83	4116	0.48 ug/l		78
83)	n-Propylbenzene	13.48	91	20192	0.54 ug/l		89
84)	t-1,4-Dichloro-2-Butene	13.38	53	847	0.28 ug/l	#	28
85)	2-Chlorotoluene	13.59	91	11971	0.51 ug/l		88
86)	1,3,5-Trimethylbenzene	13.70	105	13393	0.48 ug/l		72
88)	4-Chlorotoluene	13.72	91	12084	0.59 ug/l		92
89)	1,2,4-Trimethylbenzene	14.17	105	16156	0.80 ug/l		88
90)	tert-Butylbenzene	14.10	119	13305	0.61 ug/l		77
91)	p-Isopropyltoluene	14.55	119	14563	0.64 ug/l		78
92)	sec-Butylbenzene	14.38	105	18213	0.72 ug/l		76
93)	1,3-Dichlorobenzene	14.52	146	7221	0.52 ug/l		89
94)	1,4-Dichlorobenzene	14.63	146	8275	0.56 ug/l		91
95)	1,2-Dichlorobenzene	15.10	146	6402	0.49 ug/l		80
96)	n-Butylbenzene	15.07	91	14491	0.77 ug/l		72
97)	1,2-Dibromo-3-Chloropropan	16.04	75	174	0.12 ug/l	#	1
98)	1,2,4-Trichlorobenzene	17.16	180	4949	0.58 ug/l		88
99)	Hexachloro-1,3-Butadiene	17.39	225	1956	0.29 ug/l	#	34
100)	Naphthalene	17.49	128	19064	0.98 ug/l		94
101)	1,2,3-Trichlorobenzene	17.84	180	4416	0.52 ug/l	#	21

(#) = qualifier out of range (m) = manual integration

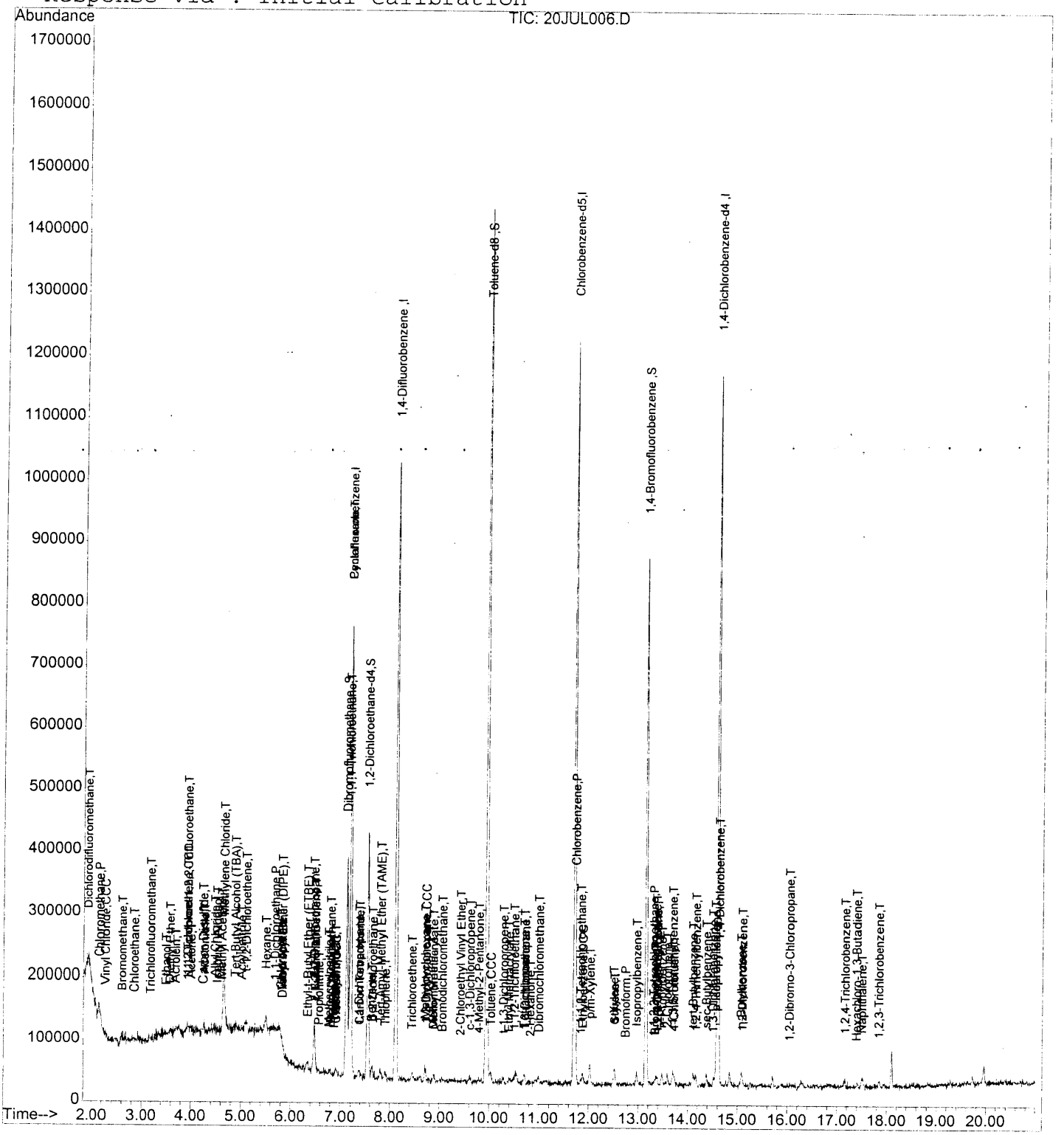
Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL006.D
Acq On : 20 Jul 2006 5:41 pm
Sample : 0.5 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 9:52 2006

Vial: 6
Operator:
Inst : GCMS R
Multiplr: 1.00

Quant Results File: 060718.RES

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL007.D
Acq On : 20 Jul 2006 6:12 pm
Sample : 1.0 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 09:52:33 2006

Vial: 7
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060718.RES

Quant Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 12 10:29:59 2006
Response via : Initial Calibration
DataAcq Meth : 8260

PS 07/21/06

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.20	168	623999	50.00	ug/l	0.00
46) 1,4-Difluorobenzene	8.13	114	1072324	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.71	117	967851	50.00	ug/l	0.00
87) 1,4-Dichlorobenzene-d4	14.60	152	431427	50.00	ug/l	0.00
System Monitoring Compounds						
40) Dibromofluoromethane	7.12	113	263523	43.74	ug/l	0.00
Spiked Amount 50.000	Range 84 - 120		Recovery = 87.48%			
45) 1,2-Dichloroethane-d4	7.56	65	269124	30.60	ug/l	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 61.20%#			
59) Toluene-d8	9.95	98	1205469	47.24	ug/l	0.00
Spiked Amount 50.000	Range 91 - 109		Recovery = 94.48%			
79) 1,4-Bromofluorobenzene	13.16	95	451979	47.33	ug/l	0.00
Spiked Amount 50.000	Range 84 - 108		Recovery = 94.66%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.92	85	7772m	1.07	ug/l	
3) Chloromethane	2.16	50	11636m	1.80	ug/l	
4) Vinyl Chloride	2.28	62	7595	1.20	ug/l	97
5) Bromomethane	2.68	94	11626	2.09	ug/l #	31
6) Chloroethane	2.80	64	2112	0.49	ug/l	61
7) Trichlorofluoromethane	3.18	101	7863	0.51	ug/l	78
8) Ethanol	3.43	45	7428	61.48	ug/l #	66
9) Diethyl Ether	3.56	45	727	0.22	ug/l #	33
10) Acetone	4.00	58	9003	13.84	ug/l	91
11) Iodomethane	4.19	142	220	N.D.		
12) 1,1-Dichloroethene	3.93	61	7499	0.73	ug/l	82
13) 1,1,2-Trichloro-1,2,2-Trif	3.94	101	5414	0.75	ug/l #	65
14) Tert-Butyl Alcohol (TBA)	4.89	59	14385	12.99	ug/l #	81
15) Carbon Disulfide	4.25	76	13860	0.81	ug/l	99
16) Acetonitrile	4.40	41	4921	4.99	ug/l #	23
17) Acrylonitrile	5.01	53	6460	2.73	ug/l	98
18) Allyl Chloride	4.49	41	15961	2.00	ug/l	68
19) Acrolein	3.70	56	3559	1.14	ug/l	66
20) Methyl Acetate	4.44	43	2149	0.41	ug/l	76
21) Methylene Chloride	4.66	84	66189	8.92	ug/l	95
22) t-1,2-Dichloroethene	5.08	96	8117	1.15	ug/l #	57
23) Isobutyl Alcohol	4.54	43	23057	4.40	ug/l	53
24) Methyl-t-Butyl Ether (MTBE	5.12	73	18369	0.99	ug/l	86
25) Hexane	5.51	57	23256	3.31	ug/l	87
26) 1,1-Dichloroethane	5.68	63	12158m	1.17	ug/l	
27) Vinyl Acetate	5.78	86	1560	1.37	ug/l #	45

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL007.D
Acq On : 20 Jul 2006 6:12 pm
Sample : 1.0 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 09:52:33 2006

Vial: 7
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060718.RES

Quant Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 12 10:29:59 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) Diisopropyl Ether (DIPE)	5.82	45	29987	2.29 ug/l	73
29) Chloroprene	5.82	53	12463	1.49 ug/l	71
30) Ethyl-t-Butyl Ether (ETBE)	6.33	59	22054	1.65 ug/l	81
31) c-1,2-Dichloroethene	6.49	96	8969	1.56 ug/l	63
32) 2,2-Dichloropropane	6.48	77	13382m	1.36 ug/l	
33) 2-Butanone	6.52	43	12159	4.40 ug/l	82
34) Propionitrile	6.58	54	2609	3.00 ug/l	52
35) Methacrylonitrile	6.79	41	13198	4.11 ug/l #	58
36) Propanedinitrile	6.88	66	241	0.31 ug/l	81
37) Bromochloromethane	6.81	130	3504	0.85 ug/l	88
38) Tetrahydrofuran	6.90	42	7361	4.40 ug/l	68
39) Chloroform	6.91	83	11875	0.96 ug/l	72
41) 1,1,1-Trichloroethane	7.17	97	8506	0.71 ug/l #	35
42) Cyclohexane	7.19	84	38028	4.54 ug/l #	25
43) 1,1-Dichloropropene	7.38	75	9005	1.11 ug/l	75
44) Carbon Tetrachloride	7.38	117	7768	0.73 ug/l	82
47) Benzene	7.64	78	30578	1.12 ug/l	94
48) 1,2-Dichloroethane	7.65	62	7376	0.54 ug/l	70
49) Tert-Amyl-Methyl Ether (TA	7.81	73	18947	1.23 ug/l	93
50) Thiophene	7.91	84	13218	0.99 ug/l #	58
51) Trichloroethene	8.47	95	6439	0.81 ug/l #	67
52) 1,2-Dichloropropane	8.74	63	7931	1.29 ug/l	82
53) Methylcyclohexane	8.71	83	14056	1.18 ug/l #	76
54) Dibromomethane	8.87	93	4207	0.96 ug/l #	49
55) Methyl Methacrylate	8.88	69	8052	1.66 ug/l #	75
56) Bromodichloromethane	9.06	83	7478	0.72 ug/l	83
57) 2-Chloroethyl Vinyl Ether	9.43	63	2549	2.11 ug/l #	61
58) c-1,3-Dichloropropene	9.62	75	9284	0.97 ug/l	82
60) Toluene	10.03	91	31610	1.02 ug/l	100
61) 4-Methyl-2-Pentanone	9.79	58	6153	2.51 ug/l #	28
63) t-1,3-Dichloropropene	10.28	75	9195	1.00 ug/l	77
64) Ethyl Methacrylate	10.41	69	10998	1.36 ug/l	100
65) 1,1,2-Trichloroethane	10.52	83	5299	1.09 ug/l #	56
66) Tetrachloroethene	10.72	166	6631	0.64 ug/l	86
67) 1,3-Dichloropropane	10.72	76	9083	0.84 ug/l	89
68) 2-Hexanone	10.80	58	5129	2.41 ug/l #	23
69) Dibromochloromethane	11.00	129	6260	0.81 ug/l	90
70) 1,2-Dibromoethane	11.14	107	6362	1.02 ug/l	74
71) Chlorobenzene	11.75	112	18398	0.87 ug/l	96
72) 1,1,1,2-Tetrachloroethane	11.84	131	5389	0.70 ug/l	81
73) Ethylbenzene	11.88	91	32821	1.01 ug/l	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL007.D
Acq On : 20 Jul 2006 6:12 pm
Sample : 1.0 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 09:52:33 2006

Vial: 7
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060718.RES

Quant Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 12 10:29:59 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
74)	p/m-Xylene	12.02	91	48764	1.90 ug/l		94
75)	o-Xylene	12.51	91	25502	1.01 ug/l		91
76)	Styrene	12.52	104	21184	1.05 ug/l		95
77)	Bromoform	12.74	173	3710	0.69 ug/l	#	31
78)	Isopropylbenzene	12.96	105	30688	1.00 ug/l		89
80)	1,2,3-Trichloropropane	13.38	75	10592	0.91 ug/l		92
81)	Bromobenzene	13.34	156	6611	0.69 ug/l		88
82)	1,1,2,2-Tetrachloroethane	13.32	83	9665	1.10 ug/l		69
83)	n-Propylbenzene	13.48	91	35309	0.91 ug/l		82
84)	t-1,4-Dichloro-2-Butene	13.37	53	4495	1.41 ug/l	#	29
85)	2-Chlorotoluene	13.59	91	21976	0.91 ug/l		87
86)	1,3,5-Trimethylbenzene	13.70	105	25487	0.89 ug/l		79
88)	4-Chlorotoluene	13.72	91	26362	1.28 ug/l		92
89)	1,2,4-Trimethylbenzene	14.16	105	26870	1.32 ug/l		82
90)	tert-Butylbenzene	14.10	119	30533	1.38 ug/l		88
91)	p-Isopropyltoluene	14.56	119	29073	1.27 ug/l		97
92)	sec-Butylbenzene	14.38	105	37203	1.46 ug/l		99
93)	1,3-Dichlorobenzene	14.52	146	14469	1.03 ug/l		85
94)	1,4-Dichlorobenzene	14.63	146	14971	1.00 ug/l		79
95)	1,2-Dichlorobenzene	15.10	146	13329	1.02 ug/l		82
96)	n-Butylbenzene	15.07	91	23856	1.26 ug/l		79
97)	1,2-Dibromo-3-Chloropropan	16.06	75	867	0.58 ug/l	#	41
98)	1,2,4-Trichlorobenzene	17.16	180	8531	0.98 ug/l		93
99)	Hexachloro-1,3-Butadiene	17.40	225	4425	0.65 ug/l		86
100)	Naphthalene	17.49	128	29583	1.51 ug/l		94
101)	1,2,3-Trichlorobenzene	17.84	180	8360	0.98 ug/l		84

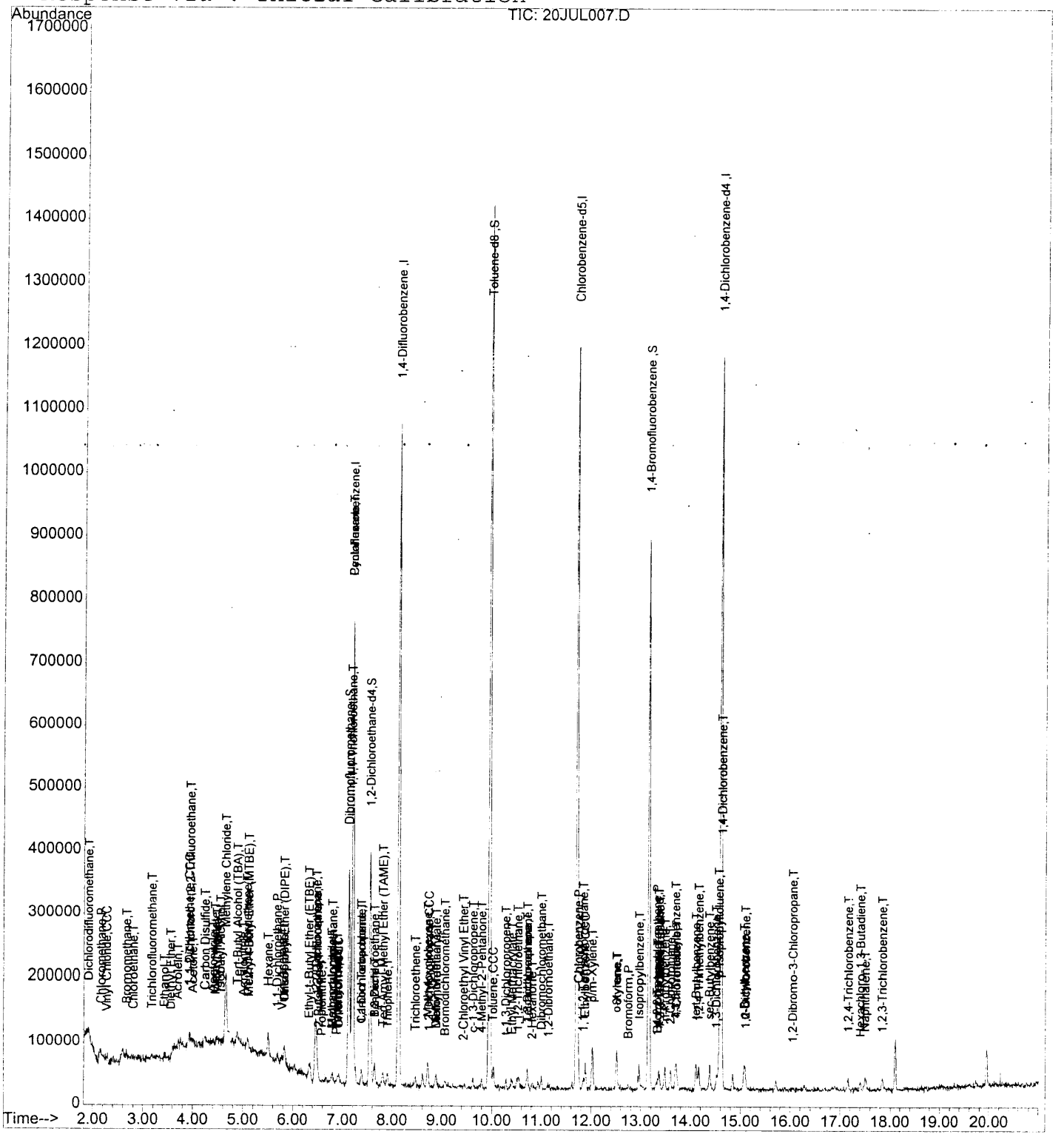
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL007.D
Acq On : 20 Jul 2006 6:12 pm
Sample : 1.0 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 10:42 2006

Vial: 7
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060718.RES

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL008.D
Acq On : 20 Jul 2006 6:42 pm
Sample : 10 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 09:52:15 2006

Vial: 8
Operator:
Inst : GCMS R
Multiplr: 1.00

Quant Results File: 060718.RES

Quant Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 12 10:29:59 2006
Response via : Initial Calibration
DataAcq Meth : 8260

RS 07/21/06

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.20	168	604840	50.00	ug/l	0.00
46) 1,4-Difluorobenzene	8.13	114	1085486	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.71	117	950364	50.00	ug/l	0.00
87) 1,4-Dichlorobenzene-d4	14.60	152	433517	50.00	ug/l	0.00

System Monitoring Compounds						
40) Dibromofluoromethane	7.13	113	260645	44.64	ug/l	0.01
Spiked Amount 50.000	Range 84 - 120		Recovery = 89.28%			
45) 1,2-Dichloroethane-d4	7.56	65	272351	31.94	ug/l	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 63.88%#			
59) Toluene-d8	9.95	98	1204235	46.62	ug/l	0.00
Spiked Amount 50.000	Range 91 - 109		Recovery = 93.24%			
79) 1,4-Bromofluorobenzene	13.16	95	452048	48.21	ug/l	0.00
Spiked Amount 50.000	Range 84 - 108		Recovery = 96.42%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.92	85	68990	9.84	ug/l	95
3) Chloromethane	2.16	50	101950	16.24	ug/l	85
4) Vinyl Chloride	2.27	62	78090	12.70	ug/l	95
5) Bromomethane	2.70	94	50145	9.31	ug/l	75
6) Chloroethane	2.82	64	46154	10.98	ug/l	89
7) Trichlorofluoromethane	3.18	101	74490	4.97	ug/l	95
8) Ethanol	3.43	45	17586	150.16	ug/l	78
9) Diethyl Ether	3.60	45	51172	15.62	ug/l #	64
10) Acetone	4.00	58	5233m	8.30	ug/l	
11) Iodomethane	4.15	142	16370m	3.00	ug/l	
12) 1,1-Dichloroethene	3.92	61	71330	7.18	ug/l	90
13) 1,1,2-Trichloro-1,2,2-Trif	3.95	101	46066	6.55	ug/l	90
14) Tert-Butyl Alcohol (TBA)	4.88	59	66524	61.99	ug/l	79
15) Carbon Disulfide	4.26	76	128910	7.79	ug/l	95
16) Acetonitrile	4.41	41	10587m	11.09	ug/l	
17) Acrylonitrile	5.01	53	32409	14.14	ug/l	93
18) Allyl Chloride	4.48	41	102268	13.20	ug/l	77
19) Acrolein	3.76	56	80083	26.44	ug/l	100
20) Methyl Acetate	4.52	43	75252	14.77	ug/l	78
21) Methylene Chloride	4.66	84	99103m	13.77	ug/l	
22) t-1,2-Dichloroethene	5.08	96	49470	7.25	ug/l	89
23) Isobutyl Alcohol	4.52	43	75252	14.81	ug/l	79
24) Methyl-t-Butyl Ether (MTBE	5.11	73	139298	7.75	ug/l	89
25) Hexane	5.51	57	120937	17.76	ug/l	88
26) 1,1-Dichloroethane	5.69	63	107213	10.64	ug/l	96
27) Vinyl Acetate	5.79	86	14735	13.33	ug/l #	74

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL008.D
Acq On : 20 Jul 2006 6:42 pm
Sample : 10 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 09:52:15 2006

Vial: 8
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060718.RES

Quant Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 12 10:29:59 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) Diisopropyl Ether (DIPE)	5.84	45	240424	18.97 ug/l	78
29) Chloroprene	5.82	53	105491	12.99 ug/l	97
30) Ethyl-t-Butyl Ether (ETBE)	6.34	59	209321	16.15 ug/l	90
31) c-1,2-Dichloroethene	6.49	96	65298	11.70 ug/l	97
32) 2,2-Dichloropropane	6.49	77	92319	9.66 ug/l	92
33) 2-Butanone	6.52	43	51235	19.11 ug/l	90
34) Propionitrile	6.57	54	15837	18.79 ug/l	85
35) Methacrylonitrile	6.79	41	62002	19.94 ug/l	82
36) Propanedinitrile	6.78	66	13754m	18.32 ug/l	
37) Bromochloromethane	6.80	130	38880	9.68 ug/l	85
38) Tetrahydrofuran	6.90	42	42922	26.46 ug/l	67
39) Chloroform	6.92	83	101090	8.41 ug/l	91
41) 1,1,1-Trichloroethane	7.16	97	87603	7.52 ug/l	96
42) Cyclohexane	7.25	84	113707	14.00 ug/l #	62
43) 1,1-Dichloropropene	7.39	75	88982	11.31 ug/l	92
44) Carbon Tetrachloride	7.39	117	71356	6.92 ug/l	99
47) Benzene	7.64	78	281165	10.13 ug/l	95
48) 1,2-Dichloroethane	7.66	62	79177	5.73 ug/l	81
49) Tert-Amyl-Methyl Ether (TA	7.81	73	188594	12.05 ug/l	93
50) Thiophene	7.91	84	150529	11.12 ug/l	89
51) Trichloroethene	8.46	95	69776	8.71 ug/l	96
52) 1,2-Dichloropropane	8.72	63	74953	12.03 ug/l	99
53) Methylcyclohexane	8.71	83	136068	11.24 ug/l	93
54) Dibromomethane	8.86	93	33575	7.56 ug/l #	78
55) Methyl Methacrylate	8.88	69	63196	12.83 ug/l	88
56) Bromodichloromethane	9.06	83	77419	7.32 ug/l	98
57) 2-Chloroethyl Vinyl Ether	9.43	63	22281	18.21 ug/l	85
58) c-1,3-Dichloropropene	9.61	75	110895	11.41 ug/l	97
60) Toluene	10.04	91	300924	9.60 ug/l	96
61) 4-Methyl-2-Pentanone	9.80	58	43240	17.40 ug/l	75
63) t-1,3-Dichloropropene	10.29	75	91426	10.11 ug/l	95
64) Ethyl Methacrylate	10.40	69	98331	12.41 ug/l	95
65) 1,1,2-Trichloroethane	10.50	83	48296	10.14 ug/l	97
66) Tetrachloroethene	10.72	166	70769	6.93 ug/l	97
67) 1,3-Dichloropropane	10.72	76	101339	9.60 ug/l	97
68) 2-Hexanone	10.81	58	40290	19.27 ug/l	97
69) Dibromochloromethane	10.99	129	61515	8.09 ug/l	99
70) 1,2-Dibromoethane	11.14	107	60910	9.97 ug/l	87
71) Chlorobenzene	11.75	112	200811	9.67 ug/l	90
72) 1,1,1,2-Tetrachloroethane	11.84	131	61025	8.07 ug/l	85
73) Ethylbenzene	11.88	91	324031	10.16 ug/l	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL008.D
Acq On : 20 Jul 2006 6:42 pm
Sample : 10 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 09:52:15 2006

Vial: 8
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060718.RES

Quant Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 12 10:29:59 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
74)	p/m-Xylene	12.03	91	497658	19.77 ug/l		84
75)	o-Xylene	12.51	91	252686	10.16 ug/l		84
76)	Styrene	12.52	104	224334	11.35 ug/l		79
77)	Bromoform	12.75	173	38262	7.25 ug/l		93
78)	Isopropylbenzene	12.97	105	324362	10.81 ug/l		91
80)	1,2,3-Trichloropropane	13.38	75	109611	9.62 ug/l		82
81)	Bromobenzene	13.35	156	70569	7.50 ug/l		91
82)	1,1,2,2-Tetrachloroethane	13.31	83	89321	10.35 ug/l		88
83)	n-Propylbenzene	13.48	91	374431	9.79 ug/l		90
84)	t-1,4-Dichloro-2-Butene	13.38	53	33402	10.71 ug/l	#	76
85)	2-Chlorotoluene	13.59	91	220007	9.28 ug/l		88
86)	1,3,5-Trimethylbenzene	13.70	105	268336	9.54 ug/l		92
88)	4-Chlorotoluene	13.72	91	247077	11.93 ug/l		89
89)	1,2,4-Trimethylbenzene	14.16	105	268327	13.11 ug/l		94
90)	tert-Butylbenzene	14.11	119	310744	13.98 ug/l		91
91)	p-Isopropyltoluene	14.55	119	302021	13.09 ug/l		96
92)	sec-Butylbenzene	14.38	105	370053	14.45 ug/l		95
93)	1,3-Dichlorobenzene	14.52	146	150430	10.68 ug/l		95
94)	1,4-Dichlorobenzene	14.63	146	156938	10.48 ug/l		97
95)	1,2-Dichlorobenzene	15.09	146	136703	10.39 ug/l		90
96)	n-Butylbenzene	15.07	91	267377	14.07 ug/l		96
97)	1,2-Dibromo-3-Chloropropan	16.06	75	14515	9.74 ug/l	#	65
98)	1,2,4-Trichlorobenzene	17.15	180	99685	11.45 ug/l		98
99)	Hexachloro-1,3-Butadiene	17.40	225	47374	6.89 ug/l		95
100)	Naphthalene	17.50	128	304353	15.48 ug/l		98
101)	1,2,3-Trichlorobenzene	17.84	180	94132	10.97 ug/l		99

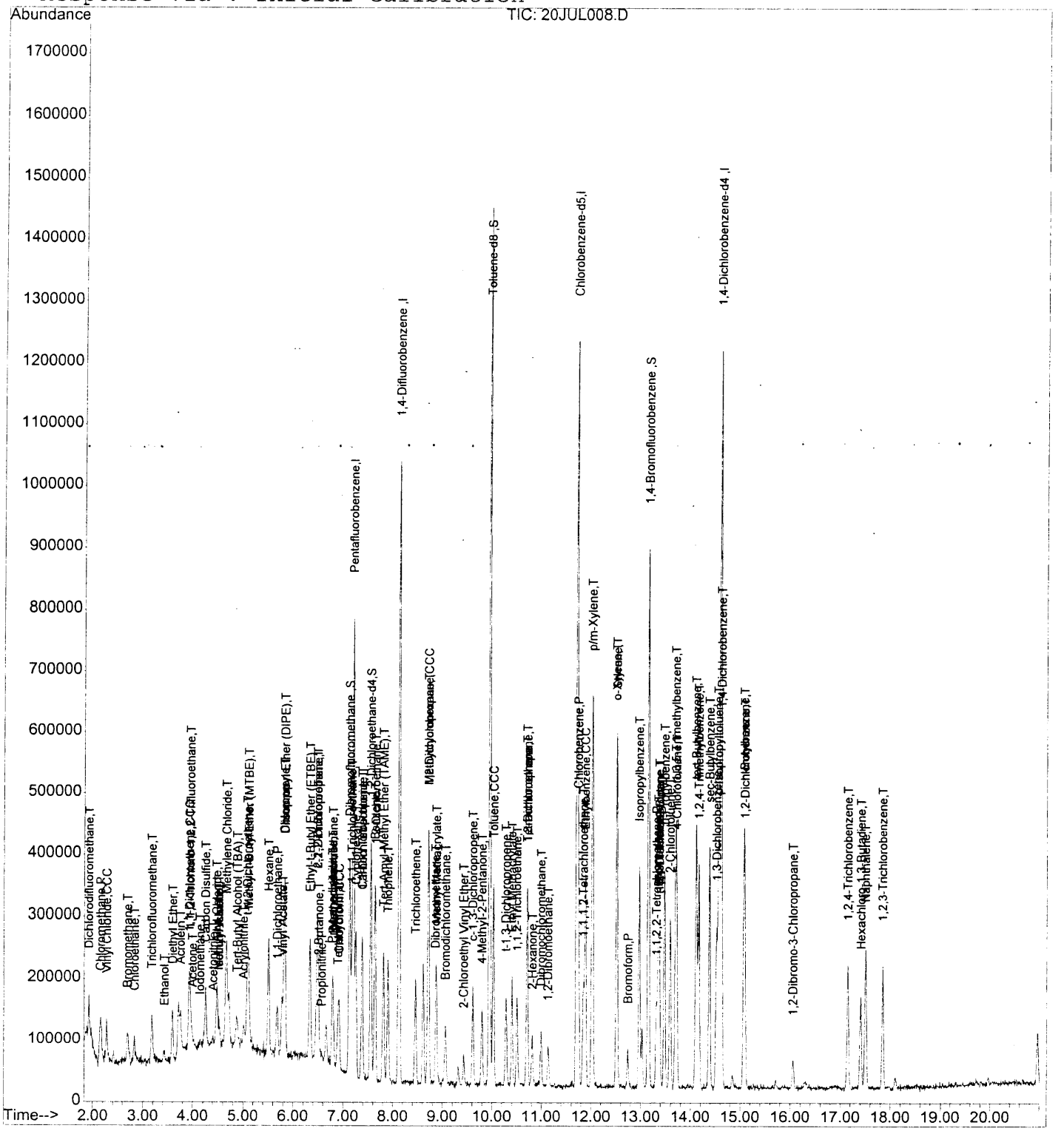
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL008.D
Acq On : 20 Jul 2006 6:42 pm
Sample : 10 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 10:53 2006

Vial: 8
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060718.RES

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL002.D
Acq On : 21 Jul 2006 10:46 am
Sample : 20PPB ICAL 8260 V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 11:10:17 2006

Vial: 2
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 10:56:06 2006
Response via : Initial Calibration
DataAcq Meth : 8260

PB 07/21/06

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.20	168	546339	50.00	ug/l	0.00
46) 1,4-Difluorobenzene	8.13	114	990111	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.71	117	907475	50.00	ug/l	0.00
87) 1,4-Dichlorobenzene-d4	14.60	152	427661	50.00	ug/l	0.00
System Monitoring Compounds						
40) Dibromofluoromethane	7.13	113	241013	50.83	ug/l	0.00
Spiked Amount 50.000	Range 84 - 120		Recovery = 101.66%			
45) 1,2-Dichloroethane-d4	7.56	65	260653	53.98	ug/l	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.96%			
59) Toluene-d8	9.95	98	1182091	53.18	ug/l	0.00
Spiked Amount 50.000	Range 91 - 109		Recovery = 106.36%			
79) 1,4-Bromofluorobenzene	13.16	95	440445	51.21	ug/l	0.00
Spiked Amount 50.000	Range 84 - 108		Recovery = 102.42%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.92	85	138802	22.39	ug/l	97
3) Chloromethane	2.16	50	207961	22.64	ug/l	98
4) Vinyl Chloride	2.27	62	156195	21.97	ug/l	90
5) Bromomethane	2.69	94	88497	26.54	ug/l	97
6) Chloroethane	2.83	64	94192	26.38	ug/l	89
7) Trichlorofluoromethane	3.18	101	135179	20.07	ug/l	92
8) Ethanol	3.42	45	33991	254.30	ug/l	91
9) Diethyl Ether	3.59	45	73622	20.48	ug/l	98
10) Acetone	3.99	58	19026	34.61	ug/l #	72
11) Iodomethane	4.15	142	62565	20.49	ug/l	95
12) 1,1-Dichloroethene	3.93	61	161637	25.47	ug/l	94
13) 1,1,2-Trichloro-1,2,2-Trif	3.95	101	101964	25.89	ug/l	97
14) Tert-Butyl Alcohol (TBA)	4.87	59	165617	148.00	ug/l	99
15) Carbon Disulfide	4.26	76	316162	28.16	ug/l	100
16) Acetonitrile	4.40	41	20455m	22.06	ug/l	
17) Acrylonitrile	5.01	53	74743	27.01	ug/l	94
18) Allyl Chloride	4.48	41	228296	26.71	ug/l	100
19) Acrolein	3.75	56	178719	57.99	ug/l	98
20) Methyl Acetate	4.53	43	146500	26.01	ug/l	98
21) Methylene Chloride	4.66	84	143829	24.87	ug/l	90
22) t-1,2-Dichloroethene	5.08	96	123773	24.81	ug/l	87
23) Isobutyl Alcohol	4.53	43	146500	26.01	ug/l	98
24) Methyl-t-Butyl Ether (MTBE	5.12	73	317452	24.10	ug/l	96
25) Hexane	5.52	57	219930	23.85	ug/l	97
26) 1,1-Dichloroethane	5.68	63	213891	23.70	ug/l	93
27) Vinyl Acetate	5.77	86	32047	25.80	ug/l #	84

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL002.D
Acq On : 21 Jul 2006 10:46 am
Sample : 20PPB ICAL 8260 V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 11:10:17 2006

Vial: 2
Operator:
Inst : GCMS R
Multiplr: 1.00

Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 10:56:06 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) Diisopropyl Ether (DIPE)	5.84	45	483987	23.06 ug/l	100
29) Chloroprene	5.82	53	199422	24.00 ug/l	96
30) Ethyl-t-Butyl Ether (ETBE)	6.33	59	427252	22.11 ug/l	97
31) c-1,2-Dichloroethene	6.49	96	129805	19.85 ug/l	98
32) 2,2-Dichloropropane	6.49	77	176923	20.85 ug/l	88
33) 2-Butanone	6.52	43	87203	19.37 ug/l	93
34) Propionitrile	6.58	54	33530	21.66 ug/l	92
35) Methacrylonitrile	6.79	41	118905	21.71 ug/l	97
36) Propanedinitrile	6.79	66	25641	22.36 ug/l	90
37) Bromochloromethane	6.80	130	76335	22.29 ug/l	94
38) Tetrahydrofuran	6.89	42	81482	23.42 ug/l	94
39) Chloroform	6.92	83	183545	20.33 ug/l	92
41) 1,1,1-Trichloroethane	7.17	97	162342	21.69 ug/l	96
42) Cyclohexane	7.25	84	215265	20.56 ug/l	94
43) 1,1-Dichloropropene	7.38	75	160699	20.87 ug/l	95
44) Carbon Tetrachloride	7.39	117	129797	20.62 ug/l	98
47) Benzene	7.64	78	487689	18.75 ug/l	97
48) 1,2-Dichloroethane	7.66	62	153488	21.64 ug/l	95
49) Tert-Amyl-Methyl Ether (TA	7.81	73	354960	21.12 ug/l	99
50) Thiophene	7.91	84	280903	21.02 ug/l	97
51) Trichloroethene	8.46	95	126910	21.22 ug/l	98
52) 1,2-Dichloropropane	8.73	63	137096	20.87 ug/l	98
53) Methylcyclohexane	8.72	83	275003	22.89 ug/l	98
54) Dibromomethane	8.87	93	68441	21.79 ug/l	94
55) Methyl Methacrylate	8.88	69	111343	21.52 ug/l	97
56) Bromodichloromethane	9.07	83	143160	21.09 ug/l	99
57) 2-Chloroethyl Vinyl Ether	9.43	63	43072	25.65 ug/l	85
58) c-1,3-Dichloropropene	9.61	75	215460	22.64 ug/l	95
60) Toluene	10.04	91	573444	22.00 ug/l	94
61) 4-Methyl-2-Pentanone	9.80	58	90764	23.77 ug/l	97
63) t-1,3-Dichloropropene	10.28	75	190296	22.04 ug/l	93
64) Ethyl Methacrylate	10.40	69	194210	21.08 ug/l	98
65) 1,1,2-Trichloroethane	10.51	83	92179	20.41 ug/l	99
66) Tetrachloroethene	10.71	166	138670	21.36 ug/l	91
67) 1,3-Dichloropropane	10.71	76	200746	21.98 ug/l	98
68) 2-Hexanone	10.81	58	79892	21.59 ug/l	81
69) Dibromochloromethane	10.99	129	116032	20.23 ug/l	93
70) 1,2-Dibromoethane	11.14	107	115216	20.39 ug/l	94
71) Chlorobenzene	11.75	112	394595	21.76 ug/l	100
72) 1,1,1,2-Tetrachloroethane	11.84	131	123720	21.99 ug/l	84
73) Ethylbenzene	11.89	91	617932	21.33 ug/l	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL002.D
Acq On : 21 Jul 2006 10:46 am
Sample : 20PPB ICAL 8260 V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 11:10:17 2006

Vial: 2
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 10:56:06 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	p/m-Xylene	12.03	91	955272	42.81 ug/l	100
75)	o-Xylene	12.51	91	495172	21.96 ug/l	97
76)	Styrene	12.52	104	436850	21.76 ug/l	96
77)	Bromoform	12.74	173	72818	20.35 ug/l	92
78)	Isopropylbenzene	12.97	105	616030	21.45 ug/l	99
80)	1,2,3-Trichloropropane	13.38	75	223289	22.43 ug/l	98
81)	Bromobenzene	13.35	156	140329	21.76 ug/l	89
82)	1,1,2,2-Tetrachloroethane	13.31	83	178586	22.22 ug/l	94
83)	n-Propylbenzene	13.48	91	751774	22.64 ug/l	97
84)	t-1,4-Dichloro-2-Butene	13.38	53	63774	22.34 ug/l	90
85)	2-Chlorotoluene	13.59	91	421919	21.15 ug/l	99
86)	1,3,5-Trimethylbenzene	13.70	105	531991	22.42 ug/l	95
88)	4-Chlorotoluene	13.72	91	496721	20.77 ug/l	98
89)	1,2,4-Trimethylbenzene	14.16	105	538344	21.20 ug/l	91
90)	tert-Butylbenzene	14.10	119	593657	20.30 ug/l	99
91)	p-Isopropyltoluene	14.56	119	599183	21.20 ug/l	98
92)	sec-Butylbenzene	14.38	105	738076	21.24 ug/l	99
93)	1,3-Dichlorobenzene	14.52	146	301767	21.16 ug/l	93
94)	1,4-Dichlorobenzene	14.63	146	300240	20.65 ug/l	93
95)	1,2-Dichlorobenzene	15.10	146	280427	21.55 ug/l	96
96)	n-Butylbenzene	15.07	91	539780	22.05 ug/l	96
97)	1,2-Dibromo-3-Chloropropan	16.06	75	31613	21.12 ug/l	97
98)	1,2,4-Trichlorobenzene	17.15	180	209542	22.24 ug/l	98
99)	Hexachloro-1,3-Butadiene	17.40	225	100827	21.80 ug/l	97
100)	Naphthalene	17.50	128	630250	22.08 ug/l	100
101)	1,2,3-Trichlorobenzene	17.85	180	198314	22.07 ug/l	99

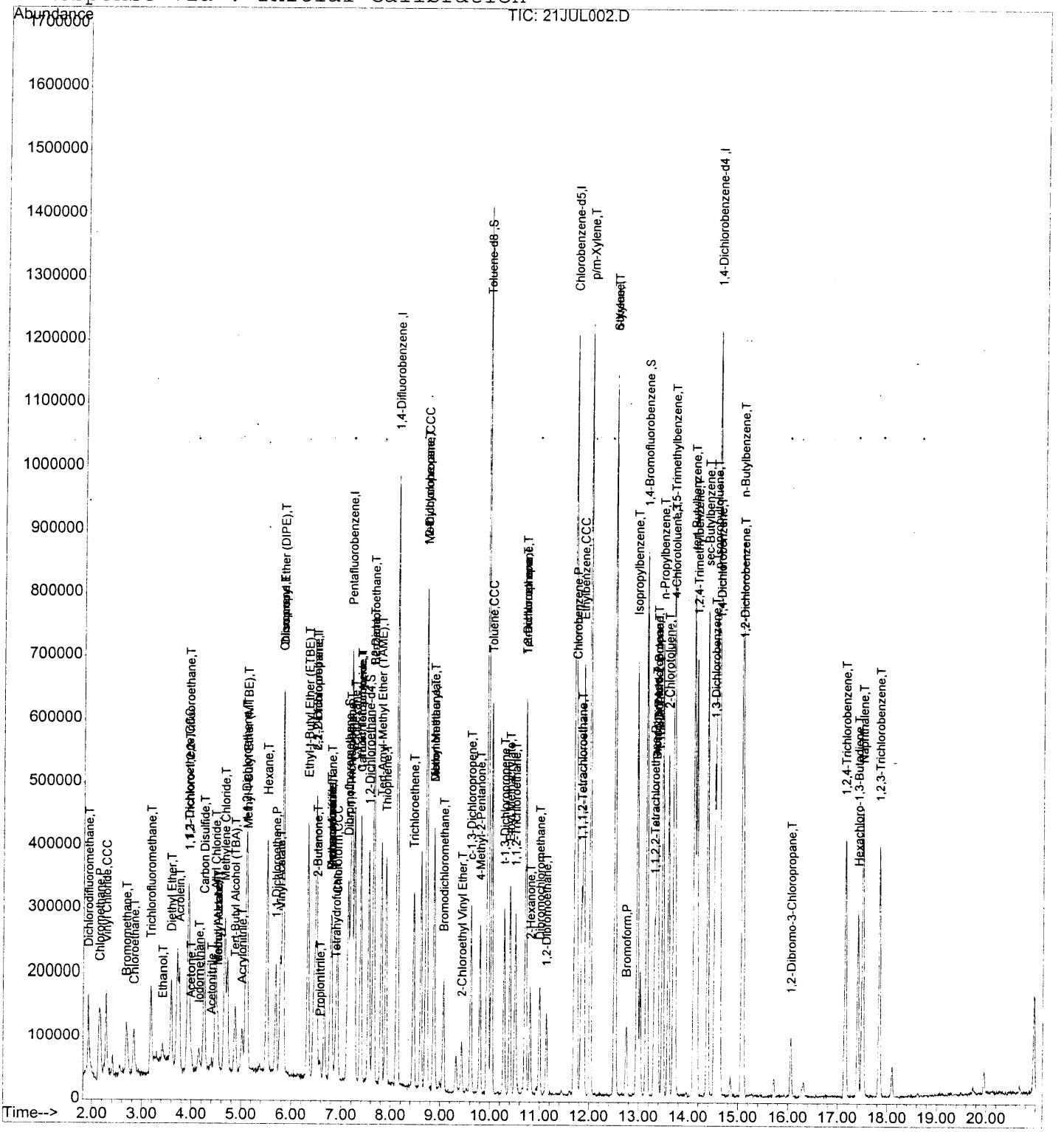
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL002.D
Acq On : 21 Jul 2006 10:46 am
Sample : 20PPB ICAL 8260 V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 11:10 2006

Vial: 2
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL009.D
Acq On : 20 Jul 2006 7:13 pm
Sample : 50 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 09:51:58 2006

Vial: 9
Operator:
Inst : GCMS R
Multiplr: 1.00

Quant Results File: 060718.RES

Quant Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 12 10:29:59 2006
Response via : Initial Calibration
DataAcq Meth : 8260

RS 07/22/06

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.20	168	625877	50.00 ug/l	0.00
46) 1,4-Difluorobenzene	8.13	114	1098114	50.00 ug/l	0.00
62) Chlorobenzene-d5	11.71	117	963012	50.00 ug/l	0.00
87) 1,4-Dichlorobenzene-d4	14.60	152	440553	50.00 ug/l	0.00
System Monitoring Compounds					
40) Dibromofluoromethane	7.12	113	274524	45.43 ug/l	0.00
Spiked Amount 50.000	Range 84 - 120		Recovery = 90.86%		
45) 1,2-Dichloroethane-d4	7.56	65	276495	31.34 ug/l	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 62.68%#		
59) Toluene-d8	9.95	98	1227285	46.97 ug/l	0.00
Spiked Amount 50.000	Range 91 - 109		Recovery = 93.94%		
79) 1,4-Bromofluorobenzene	13.16	95	467985	49.26 ug/l	0.00
Spiked Amount 50.000	Range 84 - 108		Recovery = 98.52%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.92	85	334895	46.16 ug/l	95
3) Chloromethane	2.15	50	457627	70.45 ug/l	98
4) Vinyl Chloride	2.27	62	367569	57.76 ug/l	96
5) Bromomethane	2.68	94	203005	36.41 ug/l	86
6) Chloroethane	2.81	64	217036	49.89 ug/l	91
7) Trichlorofluoromethane	3.17	101	373677	24.10 ug/l	99
8) Ethanol	3.44	45	77464	639.19 ug/l	79
9) Diethyl Ether	3.60	45	191344	56.45 ug/l #	72
10) Acetone	4.00	58	33127	50.75 ug/l	95
11) Iodomethane	4.14	142	186458	33.05 ug/l	81
12) 1,1-Dichloroethene	3.92	61	360438	35.06 ug/l	97
13) 1,1,2-Trichloro-1,2,2-Trif	3.94	101	220774	30.33 ug/l	92
14) Tert-Butyl Alcohol (TBA)	4.89	59	303300	273.14 ug/l	85
15) Carbon Disulfide	4.25	76	630129	36.79 ug/l	98
16) Acetonitrile	4.40	41	55294m	55.96 ug/l	
17) Acrylonitrile	5.02	53	139807	58.94 ug/l	96
18) Allyl Chloride	4.48	41	480589	59.96 ug/l	81
19) Acrolein	3.75	56	336284	107.31 ug/l	99
20) Methyl Acetate	4.53	43	282296	53.54 ug/l	84
21) Methylene Chloride	4.66	84	274061	36.81 ug/l	95
22) t-1,2-Dichloroethene	5.08	96	236610	33.52 ug/l	97
23) Isobutyl Alcohol	4.53	43	282296	53.69 ug/l	82
24) Methyl-t-Butyl Ether (MTBE	5.11	73	681658	36.66 ug/l	84
25) Hexane	5.50	57	458616	65.09 ug/l	89
26) 1,1-Dichloroethane	5.67	63	434958	41.72 ug/l	95
27) Vinyl Acetate	5.78	86	62376	54.51 ug/l #	32

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL009.D
Acq On : 20 Jul 2006 7:13 pm
Sample : 50 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 09:51:58 2006

Vial: 9
Operator:
Inst : GCMS R
Multiplr: 1.00

Quant Results File: 060718.RES

Quant Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 12 10:29:59 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) Diisopropyl Ether (DIPE)	5.84	45	977008	74.50 ug/l	79
29) Chloroprene	5.82	53	413630	49.24 ug/l	94
30) Ethyl-t-Butyl Ether (ETBE)	6.34	59	1164268	86.81 ug/l	92
31) c-1,2-Dichloroethene	6.49	96	370699	64.20 ug/l	91
32) 2,2-Dichloropropane	6.49	77	440511	44.55 ug/l	82
33) 2-Butanone	6.53	43	250613	90.34 ug/l	90
34) Propionitrile	6.58	54	90667	103.94 ug/l	82
35) Methacrylonitrile	6.79	41	314112	97.62 ug/l	81
36) Propanedinitrile	6.79	66	64715	83.28 ug/l	79
37) Bromochloromethane	6.80	130	204562	49.24 ug/l	85
38) Tetrahydrofuran	6.90	42	187764	111.87 ug/l	80
39) Chloroform	6.92	83	495004	39.79 ug/l	98
41) 1,1,1-Trichloroethane	7.16	97	422140	35.02 ug/l	99
42) Cyclohexane	7.25	84	595380	70.86 ug/l #	75
43) 1,1-Dichloropropene	7.38	75	436511	53.63 ug/l	92
44) Carbon Tetrachloride	7.39	117	355274	33.29 ug/l	89
47) Benzene	7.64	78	1342574	47.83 ug/l	95
48) 1,2-Dichloroethane	7.65	62	389202	27.83 ug/l	84
49) Tert-Amyl-Methyl Ether (TA	7.81	73	944992	59.67 ug/l	87
50) Thiophene	7.90	84	766810	55.99 ug/l	94
51) Trichloroethene	8.46	95	337665	41.67 ug/l	98
52) 1,2-Dichloropropane	8.72	63	359970	57.09 ug/l	99
53) Methylcyclohexane	8.71	83	677996	55.39 ug/l	90
54) Dibromomethane	8.87	93	167117	37.18 ug/l	85
55) Methyl Methacrylate	8.88	69	278782	55.96 ug/l	83
56) Bromodichloromethane	9.06	83	376098	35.16 ug/l	98
57) 2-Chloroethyl Vinyl Ether	9.43	63	100425	81.15 ug/l	94
58) c-1,3-Dichloropropene	9.61	75	543135	55.25 ug/l	98
60) Toluene	10.04	91	1445670	45.61 ug/l	97
61) 4-Methyl-2-Pentanone	9.80	58	215190	85.61 ug/l	82
63) t-1,3-Dichloropropene	10.28	75	464011	50.66 ug/l	94
64) Ethyl Methacrylate	10.40	69	499818	62.25 ug/l	91
65) 1,1,2-Trichloroethane	10.51	83	234640	48.63 ug/l	96
66) Tetrachloroethene	10.71	166	355710	34.37 ug/l	92
67) 1,3-Dichloropropane	10.71	76	503987	47.10 ug/l	91
68) 2-Hexanone	10.81	58	194763	91.93 ug/l	97
69) Dibromochloromethane	11.00	129	309637	40.18 ug/l	95
70) 1,2-Dibromoethane	11.13	107	297432	48.05 ug/l	98
71) Chlorobenzene	11.75	112	994784	47.29 ug/l	100
72) 1,1,1,2-Tetrachloroethane	11.84	131	311664	40.68 ug/l	96
73) Ethylbenzene	11.88	91	1565313	48.43 ug/l	88

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL009.D
Acq On : 20 Jul 2006 7:13 pm
Sample : 50 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 09:51:58 2006

Vial: 9
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060718.RES

Quant Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 12 10:29:59 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	p/m-Xylene	12.02	91	2335085	91.56 ug/l	85
75)	o-Xylene	12.51	91	1209736	47.98 ug/l	87
76)	Styrene	12.52	104	1098424	54.82 ug/l	84
77)	Bromoform	12.75	173	198076	37.05 ug/l	89
78)	Isopropylbenzene	12.97	105	1579509	51.95 ug/l	91
80)	1,2,3-Trichloropropane	13.38	75	556609	48.20 ug/l	81
81)	Bromobenzene	13.35	156	358029	37.55 ug/l	85
82)	1,1,2,2-Tetrachloroethane	13.31	83	432118	49.42 ug/l	99
83)	n-Propylbenzene	13.48	91	1852188	47.80 ug/l	92
84)	t-1,4-Dichloro-2-Butene	13.38	53	155418	49.16 ug/l	79
85)	2-Chlorotoluene	13.59	91	1083688	45.13 ug/l	97
86)	1,3,5-Trimethylbenzene	13.70	105	1302503	45.72 ug/l	89
88)	4-Chlorotoluene	13.72	91	1224463	58.15 ug/l	95
89)	1,2,4-Trimethylbenzene	14.17	105	1327428	63.80 ug/l	88
90)	tert-Butylbenzene	14.10	119	1522305	67.38 ug/l	97
91)	p-Isopropyltoluene	14.56	119	1489419	63.50 ug/l	96
92)	sec-Butylbenzene	14.38	105	1812297	69.64 ug/l	96
93)	1,3-Dichlorobenzene	14.52	146	754886	52.75 ug/l	94
94)	1,4-Dichlorobenzene	14.63	146	758944	49.88 ug/l	97
95)	1,2-Dichlorobenzene	15.10	146	694125	51.93 ug/l	96
96)	n-Butylbenzene	15.07	91	1316981	68.22 ug/l	93
97)	1,2-Dibromo-3-Chloropropan	16.06	75	79071	52.19 ug/l	73
98)	1,2,4-Trichlorobenzene	17.15	180	508535	57.48 ug/l	98
99)	Hexachloro-1,3-Butadiene	17.40	225	242899	34.77 ug/l	98
100)	Naphthalene	17.50	128	1486632	74.41 ug/l	99
101)	1,2,3-Trichlorobenzene	17.84	180	478854	54.89 ug/l	98

(#) = qualifier out of range (m) = manual integration

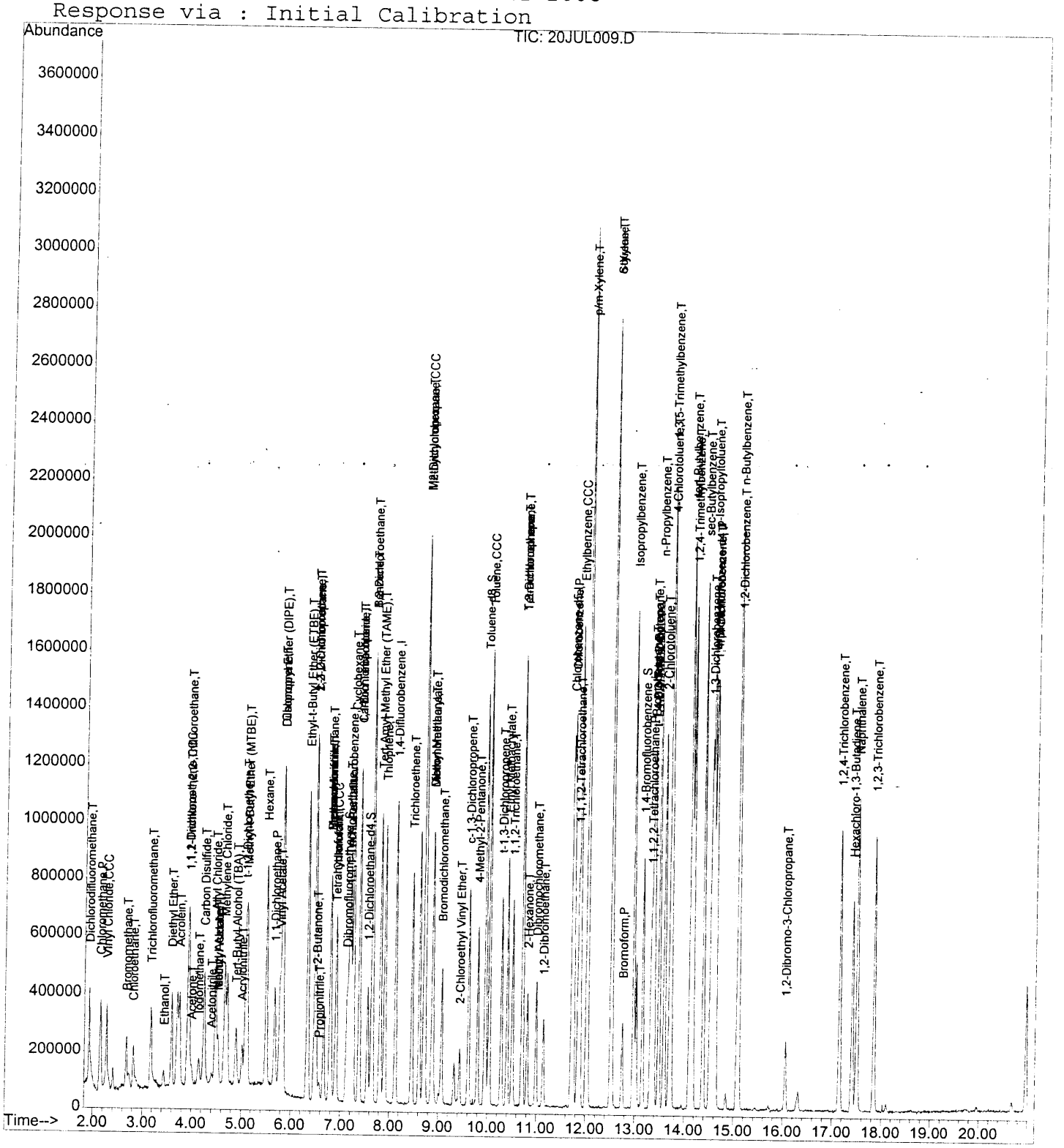
Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL009.D
Acq On : 20 Jul 2006 7:13 pm
Sample : 50 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 10:52 2006

Vial: 9
Operator:
Inst : GCMS R
Multiplr: 1.00

Quant Results File: 060718.RES

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL010.D
Acq On : 20 Jul 2006 7:44 pm
Sample : 100 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 09:51:36 2006

Vial: 10
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060718.RES

Quant Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 12 10:29:59 2006
Response via : Initial Calibration
DataAcq Meth : 8260

PS 07/21/06

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.20	168	581344	50.00 ug/l	0.00
46) 1,4-Difluorobenzene	8.13	114	1046733	50.00 ug/l	0.00
62) Chlorobenzene-d5	11.71	117	921140	50.00 ug/l	0.00
87) 1,4-Dichlorobenzene-d4	14.60	152	407969	50.00 ug/l	0.00
System Monitoring Compounds					
40) Dibromofluoromethane	7.12	113	259112	46.17 ug/l	0.00
Spiked Amount 50.000	Range 84 - 120		Recovery = 92.34%		
45) 1,2-Dichloroethane-d4	7.56	65	257810	31.46 ug/l	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 62.92%#		
59) Toluene-d8	9.95	98	1186201	47.63 ug/l	0.00
Spiked Amount 50.000	Range 91 - 109		Recovery = 95.26%		
79) 1,4-Bromofluorobenzene	13.15	95	434519	47.81 ug/l	0.00
Spiked Amount 50.000	Range 84 - 108		Recovery = 95.62%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.92	85	639661	94.92 ug/l	97
3) Chloromethane	2.16	50	972389	161.16 ug/l	99
4) Vinyl Chloride	2.28	62	752908	127.37 ug/l	96
5) Bromomethane	2.67	94	383455	74.05 ug/l	93
6) Chloroethane	2.81	64	450560	111.50 ug/l	100
7) Trichlorofluoromethane	3.18	101	745986	51.80 ug/l	97
8) Ethanol	3.44	45	131343	1166.79 ug/l	89
9) Diethyl Ether	3.59	45	343154	108.99 ug/l #	74
10) Acetone	3.99	58	61877	102.06 ug/l	93
11) Iodomethane	4.14	142	407904	77.84 ug/l	79
12) 1,1-Dichloroethene	3.92	61	660505	69.18 ug/l	96
13) 1,1,2-Trichloro-1,2,2-Trif	3.94	101	411704	60.88 ug/l	92
14) Tert-Butyl Alcohol (TBA)	4.89	59	652217	632.35 ug/l	84
15) Carbon Disulfide	4.25	76	1188251	74.69 ug/l	99
16) Acetonitrile	4.40	41	95226m	103.75 ug/l	
17) Acrylonitrile	5.02	53	340067	154.34 ug/l	96
18) Allyl Chloride	4.48	41	910947	122.37 ug/l	79
19) Acrolein	3.75	56	626517	215.23 ug/l	100
20) Methyl Acetate	4.52	43	628983	128.42 ug/l	86
21) Methylene Chloride	4.66	84	575255	83.17 ug/l	96
22) t-1,2-Dichloroethene	5.08	96	547967	83.57 ug/l	97
23) Isobutyl Alcohol	4.52	43	628983	128.78 ug/l	83
24) Methyl-t-Butyl Ether (MTBE	5.11	73	1468911	85.04 ug/l	83
25) Hexane	5.51	57	1090564	166.64 ug/l	88
26) 1,1-Dichloroethane	5.68	63	1017643	105.08 ug/l	97
27) Vinyl Acetate	5.78	86	154572	145.44 ug/l #	49

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL010.D
Acq On : 20 Jul 2006 7:44 pm
Sample : 100 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 09:51:36 2006

Vial: 10
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060718.RES

Quant Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 12 10:29:59 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) Diisopropyl Ether (DIPE)	5.83	45	2207850	181.25 ug/l	82
29) Chloroprene	5.82	53	933730	119.67 ug/l	99
30) Ethyl-t-Butyl Ether (ETBE)	6.34	59	2023796	162.46 ug/l	92
31) c-1,2-Dichloroethene	6.49	96	653699	121.89 ug/l	96
32) 2,2-Dichloropropane	6.49	77	790287	86.05 ug/l	84
33) 2-Butanone	6.52	43	470968	182.77 ug/l	93
34) Propionitrile	6.57	54	166336	205.30 ug/l	81
35) Methacrylonitrile	6.79	41	580851	194.35 ug/l	80
36) Propanedinitrile	6.78	66	116938	162.02 ug/l	96
37) Bromochloromethane	6.80	130	358129	92.81 ug/l	86
38) Tetrahydrofuran	6.89	42	366136	234.85 ug/l	74
39) Chloroform	6.92	83	908099	78.59 ug/l	94
41) 1,1,1-Trichloroethane	7.16	97	786893	70.29 ug/l	96
42) Cyclohexane	7.25	84	1152998	147.73 ug/l	80
43) 1,1-Dichloropropene	7.38	75	810042	107.14 ug/l	89
44) Carbon Tetrachloride	7.39	117	650556	65.64 ug/l	87
47) Benzene	7.64	78	2444735	91.36 ug/l	97
48) 1,2-Dichloroethane	7.65	62	701869	52.65 ug/l	80
49) Tert-Amyl-Methyl Ether (TA	7.81	73	1740053	115.26 ug/l	87
50) Thiophene	7.91	84	1385897	106.16 ug/l	93
51) Trichloroethene	8.46	95	613327	79.41 ug/l	98
52) 1,2-Dichloropropane	8.72	63	659128	109.67 ug/l	96
53) Methylcyclohexane	8.72	83	1259037	107.90 ug/l	90
54) Dibromomethane	8.86	93	302633	70.63 ug/l	85
55) Methyl Methacrylate	8.87	69	528896	111.38 ug/l	83
56) Bromodichloromethane	9.06	83	703218	68.98 ug/l	94
57) 2-Chloroethyl Vinyl Ether	9.43	63	159938	135.59 ug/l	96
58) c-1,3-Dichloropropene	9.61	75	987438	105.37 ug/l	99
60) Toluene	10.04	91	2613814	86.51 ug/l	97
61) 4-Methyl-2-Pentanone	9.80	58	401048	167.38 ug/l	86
63) t-1,3-Dichloropropene	10.28	75	868941	99.18 ug/l	94
64) Ethyl Methacrylate	10.40	69	933147	121.51 ug/l	91
65) 1,1,2-Trichloroethane	10.51	83	444820	96.39 ug/l	97
66) Tetrachloroethene	10.72	166	661067	66.77 ug/l	89
67) 1,3-Dichloropropane	10.71	76	928556	90.72 ug/l	98
68) 2-Hexanone	10.80	58	377731	186.40 ug/l	85
69) Dibromochloromethane	10.99	129	566129	76.80 ug/l	100
70) 1,2-Dibromoethane	11.14	107	555506	93.82 ug/l	94
71) Chlorobenzene	11.75	112	1832815	91.08 ug/l	97
72) 1,1,1,2-Tetrachloroethane	11.84	131	578628	78.96 ug/l	90
73) Ethylbenzene	11.88	91	2832435	91.61 ug/l	87

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL010.D
Acq On : 20 Jul 2006 7:44 pm
Sample : 100 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 09:51:36 2006

Vial: 10
Operator:
Inst : GCMS R
Multiplr: 1.00

Quant Results File: 060718.RES

Quant Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 12 10:29:59 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	p/m-Xylene	12.02	91	4107419	168.38 ug/l	80
75)	o-Xylene	12.51	91	2201136	91.27 ug/l	86
76)	Styrene	12.52	104	2014434	105.11 ug/l	87
77)	Bromoform	12.75	173	361944	70.78 ug/l	90
78)	Isopropylbenzene	12.97	105	2833047	97.41 ug/l	87
80)	1,2,3-Trichloropropane	13.38	75	991655	89.77 ug/l	81
81)	Bromobenzene	13.35	156	644181	70.63 ug/l	88
82)	1,1,2,2-Tetrachloroethane	13.31	83	751351	89.83 ug/l	96
83)	n-Propylbenzene	13.48	91	3317575	89.52 ug/l	89
84)	t-1,4-Dichloro-2-Butene	13.38	53	275693	91.17 ug/l	80
85)	2-Chlorotoluene	13.59	91	1966252	85.61 ug/l	97
86)	1,3,5-Trimethylbenzene	13.70	105	2370844	87.00 ug/l	89
88)	4-Chlorotoluene	13.72	91	2211105	113.40 ug/l	92
89)	1,2,4-Trimethylbenzene	14.16	105	2340060	121.45 ug/l	84
90)	tert-Butylbenzene	14.11	119	2711438	129.59 ug/l	94
91)	p-Isopropyltoluene	14.56	119	2666321	122.76 ug/l	95
92)	sec-Butylbenzene	14.38	105	3230672	134.07 ug/l	94
93)	1,3-Dichlorobenzene	14.52	146	1333391	100.62 ug/l	99
94)	1,4-Dichlorobenzene	14.63	146	1344899	95.45 ug/l	97
95)	1,2-Dichlorobenzene	15.10	146	1213421	98.03 ug/l	96
96)	n-Butylbenzene	15.07	91	2325674	130.09 ug/l	90
97)	1,2-Dibromo-3-Chloropropan	16.05	75	144628	103.09 ug/l	79
98)	1,2,4-Trichlorobenzene	17.15	180	918664	112.14 ug/l	98
99)	Hexachloro-1,3-Butadiene	17.40	225	430122	66.49 ug/l	97
100)	Naphthalene	17.50	128	2701395	146.01 ug/l	100
101)	1,2,3-Trichlorobenzene	17.84	180	875345	108.36 ug/l	99

(#) = qualifier out of range (m) = manual integration

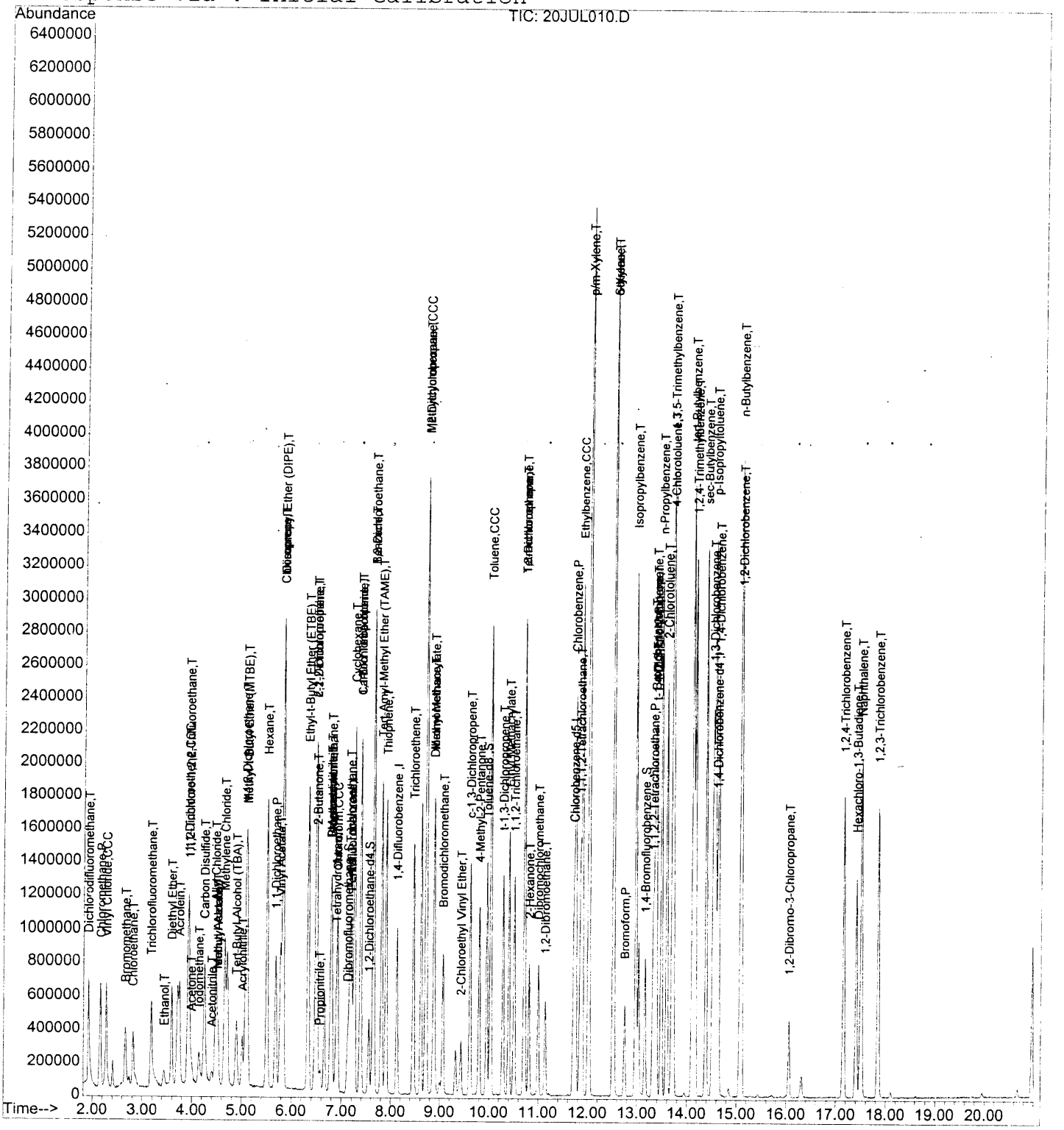
Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL010.D
Acq On : 20 Jul 2006 7:44 pm
Sample : 100 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 10:52 2006

Vial: 10
Operator:
Inst : GCMS R
Multiplr: 1.00

Quant Results File: 060718.RES

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL011.D
Acq On : 20 Jul 2006 8:14 pm
Sample : 200 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 09:51:19 2006

Vial: 11
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060718.RES

Quant Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 12 10:29:59 2006
Response via : Initial Calibration
DataAcq Meth : 8260

PS 07/21/06

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.20	168	580613	50.00 ug/l	0.00
46) 1,4-Difluorobenzene	8.13	114	1048114	50.00 ug/l	0.00
62) Chlorobenzene-d5	11.71	117	937561	50.00 ug/l	0.00
87) 1,4-Dichlorobenzene-d4	14.60	152	405273	50.00 ug/l	0.00
System Monitoring Compounds					
40) Dibromofluoromethane	7.13	113	256762	45.81 ug/l	0.01
Spiked Amount 50.000	Range 84 - 120		Recovery = 91.62%		
45) 1,2-Dichloroethane-d4	7.55	65	259875	31.75 ug/l	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 63.50%#		
59) Toluene-d8	9.95	98	1181241	47.36 ug/l	0.00
Spiked Amount 50.000	Range 91 - 109		Recovery = 94.72%		
79) 1,4-Bromofluorobenzene	13.16	95	439455	47.51 ug/l	0.00
Spiked Amount 50.000	Range 84 - 108		Recovery = 95.02%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.92	85	1296526	192.64 ug/l	99
3) Chloromethane	2.17	50	1999116	331.74 ug/l	99
4) Vinyl Chloride	2.27	62	1359747	230.31 ug/l	98
5) Bromomethane	2.64	94	353481m	68.34 ug/l	
6) Chloroethane	2.78	64	809693	200.64 ug/l	99
7) Trichlorofluoromethane	3.15	101	1386533	96.39 ug/l	96
8) Ethanol	3.46	45	248967	2214.49 ug/l	82
9) Diethyl Ether	3.59	45	678323	215.71 ug/l #	72
10) Acetone	4.00	58	120400	198.85 ug/l	97
11) Iodomethane	4.13	142	774699m	148.03 ug/l	
12) 1,1-Dichloroethene	3.91	61	1321327	138.56 ug/l	97
13) 1,1,2-Trichloro-1,2,2-Trif	3.93	101	822350	121.76 ug/l	90
14) Tert-Butyl Alcohol (TBA)	4.92	59	1051399	1020.65 ug/l	84
15) Carbon Disulfide	4.23	76	2360134	148.54 ug/l	100
16) Acetonitrile	4.43	41	189522m	206.75 ug/l	
17) Acrylonitrile	5.02	53	532500	241.97 ug/l	94
18) Allyl Chloride	4.47	41	1701325	228.83 ug/l	81
19) Acrolein	3.75	56	1203746	414.05 ug/l	94
20) Methyl Acetate	4.53	43	1040821	212.78 ug/l	85
21) Methylene Chloride	4.65	84	848358	122.82 ug/l	97
22) t-1,2-Dichloroethene	5.07	96	868530	132.63 ug/l	97
23) Isobutyl Alcohol	4.53	43	1040821	213.37 ug/l	85
24) Methyl-t-Butyl Ether (MTBE	5.11	73	2441140	141.50 ug/l	84
25) Hexane	5.50	57	1636408	250.35 ug/l	89
26) 1,1-Dichloroethane	5.67	63	1624121	167.92 ug/l	96
27) Vinyl Acetate	5.77	86	233113	219.62 ug/l #	47

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL011.D
Acq On : 20 Jul 2006 8:14 pm
Sample : 200 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 09:51:19 2006

Vial: 11
Operator:
Inst : GCMS R
Multiplr: 1.00

Quant Results File: 060718.RES

Quant Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 12 10:29:59 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) Diisopropyl Ether (DIPE)	5.84	45	4071321	334.65 ug/l	83
29) Chloroprene	5.81	53	1640293	210.49 ug/l	99
30) Ethyl-t-Butyl Ether (ETBE)	6.34	59	4047523	325.32 ug/l	94
31) c-1,2-Dichloroethene	6.49	96	1345886	251.28 ug/l	100
32) 2,2-Dichloropropane	6.48	77	1540700	167.96 ug/l	80
33) 2-Butanone	6.53	43	972628	377.93 ug/l	91
34) Propionitrile	6.58	54	343495	424.49 ug/l	82
35) Methacrylonitrile	6.79	41	1141191	382.32 ug/l	81
36) Propanedinitrile	6.79	66	237364	329.28 ug/l	93
37) Bromochloromethane	6.80	130	767322	199.09 ug/l	87
38) Tetrahydrofuran	6.90	42	705646	453.19 ug/l	78
39) Chloroform	6.92	83	1793908	155.45 ug/l	94
41) 1,1,1-Trichloroethane	7.16	97	1549765	138.60 ug/l	96
42) Cyclohexane	7.25	84	2207159	283.15 ug/l	80
43) 1,1-Dichloropropene	7.37	75	1559406	206.52 ug/l	87
44) Carbon Tetrachloride	7.38	117	1320097	133.36 ug/l	93
47) Benzene	7.64	78	4560264	170.20 ug/l	99
48) 1,2-Dichloroethane	7.65	62	1404460	105.22 ug/l	81
49) Tert-Amyl-Methyl Ether (TA	7.81	73	3349611	221.59 ug/l	87
50) Thiophene	7.90	84	2708596	207.21 ug/l	92
51) Trichloroethene	8.46	95	1206119	155.96 ug/l	96
52) 1,2-Dichloropropane	8.72	63	1260349	209.44 ug/l	99
53) Methylcyclohexane	8.71	83	2437732	208.64 ug/l	91
54) Dibromomethane	8.86	93	609736	142.12 ug/l	86
55) Methyl Methacrylate	8.88	69	1036713	218.04 ug/l #	82
56) Bromodichloromethane	9.06	83	1385272	135.70 ug/l	94
57) 2-Chloroethyl Vinyl Ether	9.43	63	288270	244.06 ug/l	93
58) c-1,3-Dichloropropene	9.61	75	1955230	208.37 ug/l	98
60) Toluene	10.03	91	4852293	160.38 ug/l	89
61) 4-Methyl-2-Pentanone	9.80	58	773977	322.59 ug/l	89
63) t-1,3-Dichloropropene	10.28	75	1762099	197.61 ug/l	90
64) Ethyl Methacrylate	10.40	69	1828145	233.87 ug/l	90
65) 1,1,2-Trichloroethane	10.51	83	866639	184.50 ug/l	96
66) Tetrachloroethene	10.72	166	1296276	128.64 ug/l	91
67) 1,3-Dichloropropane	10.71	76	1823198	175.00 ug/l	96
68) 2-Hexanone	10.81	58	735992	356.84 ug/l	89
69) Dibromochloromethane	10.99	129	1141551	152.14 ug/l	99
70) 1,2-Dibromoethane	11.14	107	1114367	184.90 ug/l	94
71) Chlorobenzene	11.75	112	3601006	175.82 ug/l	97
72) 1,1,1,2-Tetrachloroethane	11.84	131	1174109	157.41 ug/l	95
73) Ethylbenzene	11.88	91	5312192	168.81 ug/l	82

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL011.D
Acq On : 20 Jul 2006 8:14 pm
Sample : 200 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 09:51:19 2006

Vial: 11
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060718.RES

Quant Method : C:\MSDCHEM\1\METHODS\060718.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 12 10:29:59 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	p/m-Xylene	12.02	91	7324631	295.00 ug/l	69
75)	o-Xylene	12.51	91	4180731	170.31 ug/l	77
76)	Styrene	12.52	104	3832995	196.49 ug/l	92
77)	Bromoform	12.75	173	714984	137.36 ug/l	92
78)	Isopropylbenzene	12.97	105	5414370	182.90 ug/l	82
80)	1,2,3-Trichloropropane	13.38	75	1885886	167.73 ug/l	85
81)	Bromobenzene	13.35	156	1284476	138.36 ug/l	93
82)	1,1,2,2-Tetrachloroethane	13.31	83	1458140	171.28 ug/l	95
83)	n-Propylbenzene	13.48	91	6113178	162.06 ug/l	81
84)	t-1,4-Dichloro-2-Butene	13.38	53	533745	173.42 ug/l	82
85)	2-Chlorotoluene	13.59	91	3786512	161.98 ug/l	90
86)	1,3,5-Trimethylbenzene	13.70	105	4384263	158.07 ug/l	84
88)	4-Chlorotoluene	13.72	91	4189890	216.32 ug/l	87
89)	1,2,4-Trimethylbenzene	14.16	105	4461017	233.07 ug/l	81
90)	tert-Butylbenzene	14.10	119	5178212	249.14 ug/l	93
91)	p-Isopropyltoluene	14.56	119	4897325	226.97 ug/l	93
92)	sec-Butylbenzene	14.38	105	5940620	248.17 ug/l	87
93)	1,3-Dichlorobenzene	14.52	146	2554506	194.05 ug/l	98
94)	1,4-Dichlorobenzene	14.63	146	2565488	183.29 ug/l	95
95)	1,2-Dichlorobenzene	15.10	146	2303709	187.36 ug/l	95
96)	n-Butylbenzene	15.07	91	4246694	239.12 ug/l	85
97)	1,2-Dibromo-3-Chloropropan	16.06	75	285321	204.72 ug/l	74
98)	1,2,4-Trichlorobenzene	17.15	180	1764479	216.82 ug/l	98
99)	Hexachloro-1,3-Butadiene	17.40	225	871718	135.66 ug/l	98
100)	Naphthalene	17.50	128	5108791	277.96 ug/l	100
101)	1,2,3-Trichlorobenzene	17.85	180	1684334	209.89 ug/l	99

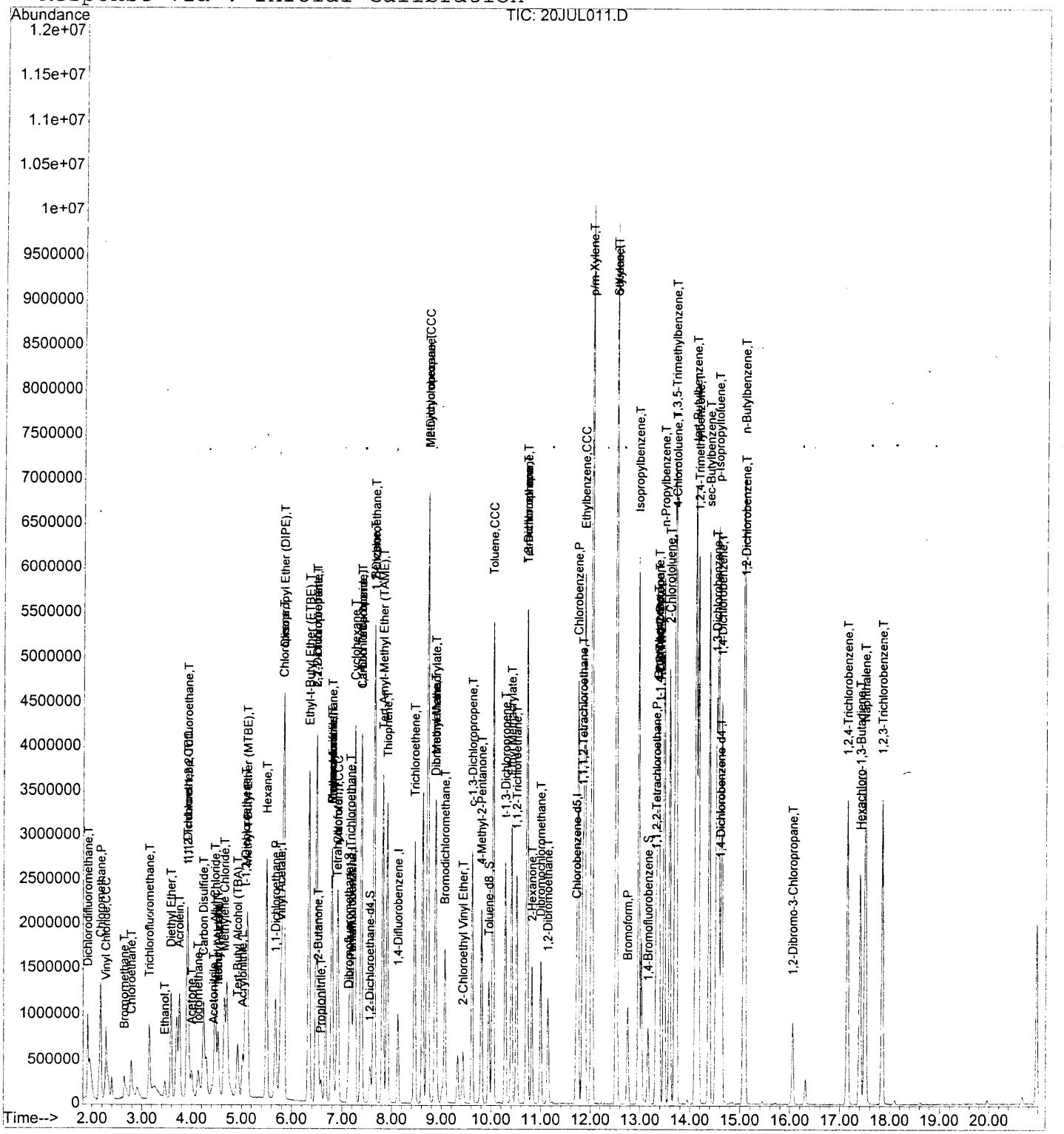
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072006\20JUL011.D
Acq On : 20 Jul 2006 8:14 pm
Sample : 200 PPB IC V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 21 10:55 2006

Vial: 11
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060718.RES

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration



Injection Log

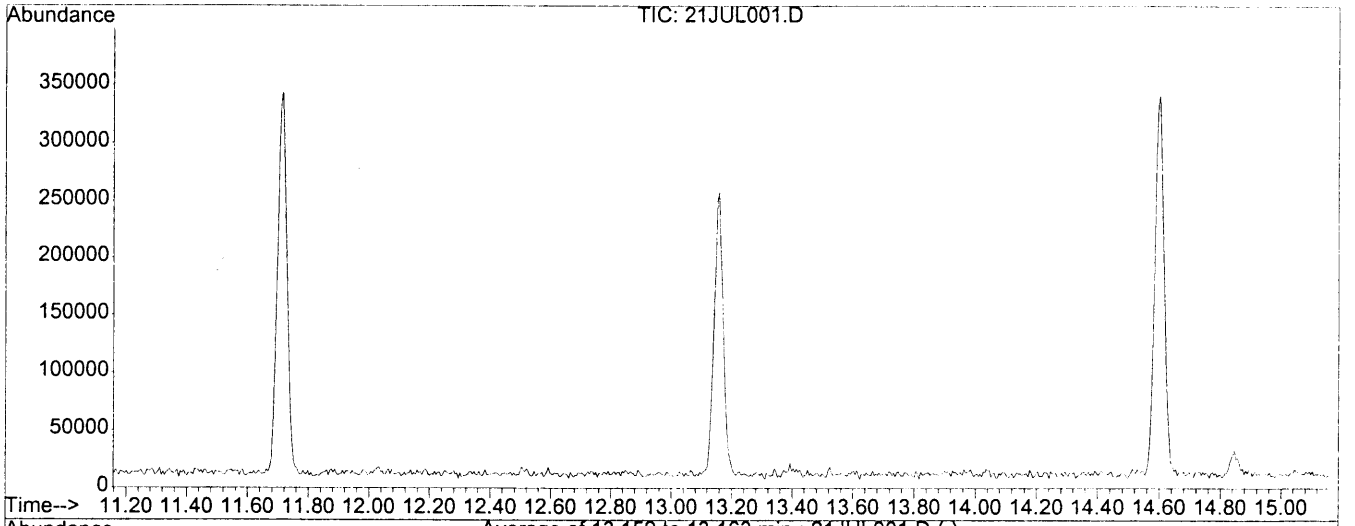
Directory: D:\DATA\072106

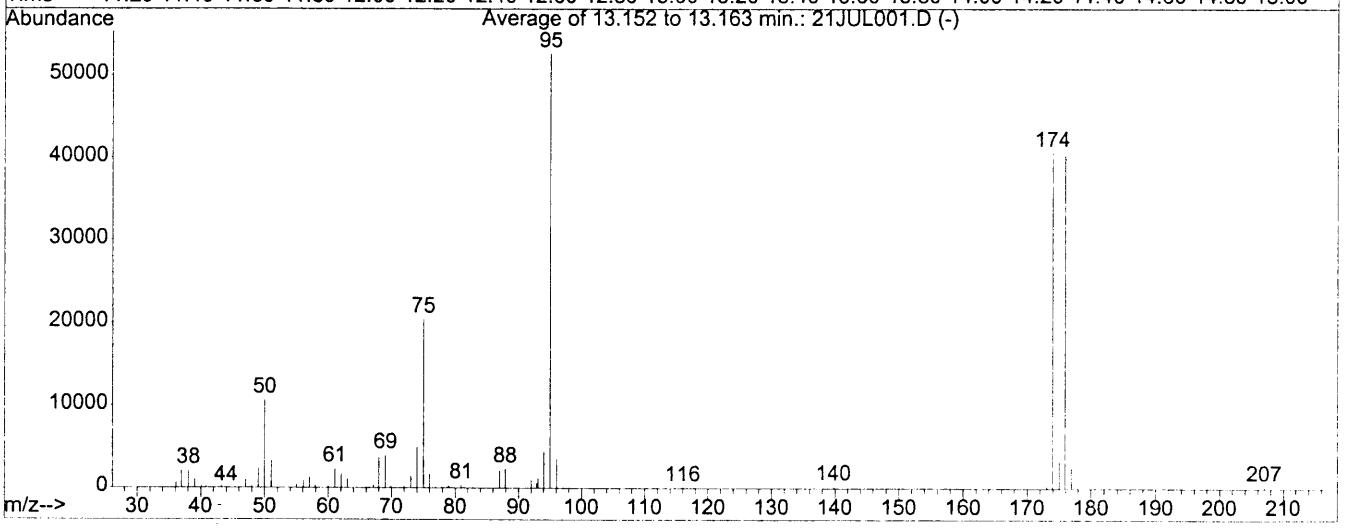
Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	21jul001.d	1.	BFB	V063006C	21 Jul 2006 10:13
2	2	21jul002.d	1.	20PPB ICAL 8260 V071206A/B	V071206E	21 Jul 2006 10:46
3	3	21jul003.d	1.	CCV V071206A/B	V071206E	21 Jul 2006 11:17
4	4	21jul004.d	1.	LCSD V071206C/D	V071206E	21 Jul 2006 11:48
5	5	21jul005.d	1.	LCS V071206C/D	V071206E	21 Jul 2006 12:18
6	6	21jul006.d	1.	LCSD V071206C/D	V071206E	21 Jul 2006 12:49
7	7	21jul007.d	1.	MB	V071206E	21 Jul 2006 13:19
8	8	21jul008.d	1.	MB	V071206E	21 Jul 2006 13:50
9	9	21jul009.d	1.	06-07-1020-3A 5ML pH<2	V071206E	21 Jul 2006 14:20
10	10	21jul010.d	1.	06-07-1014-12A 5ML pH<2	V071206E	21 Jul 2006 14:51
11	11	21jul011.d	1.	06-07-1020-3A MS 5ML pH<2	V071206E	21 Jul 2006 15:21
12	12	21jul012.d	1.	06-07-1020-3A MSD 5ML pH<2	V071206E	21 Jul 2006 15:52
13	13	21jul013.d	1.	BLK	V071206E	21 Jul 2006 16:23
14	14	21jul014.d	1.	06-07-1014-1B 5ML pH<2	V071206E	21 Jul 2006 16:53
15	15	21jul015.d	1.	06-07-1014-2A 5ML pH<2	V071206E	21 Jul 2006 17:24
16	16	21jul016.d	1.	06-07-1014-3A 5ML pH<2	V071206E	21 Jul 2006 17:54
17	17	21jul017.d	1.	06-07-1014-4A 5ML pH<2	V071206E	21 Jul 2006 18:25
18	18	21jul018.d	1.	06-07-1014-5A 5ML pH<2	V071206E	21 Jul 2006 18:55
19	19	21jul019.d	1.	06-07-1014-6A 5ML pH<2	V071206E	21 Jul 2006 19:26
20	20	21jul020.d	1.	06-07-1014-7A 5ML pH<2	V071206E	21 Jul 2006 19:56
21	21	21jul021.d	1.	06-07-1014-8A 5ML pH<2	V071206E	21 Jul 2006 20:26
22	22	21jul022.d	1.	06-07-1014-9A 5ML pH<2	V071206E	21 Jul 2006 20:57
23	23	21jul023.d	1.	06-07-1014-10A 5ML pH<2	V071206E	21 Jul 2006 21:28
24	24	21jul024.d	1.	06-07-1014-11A 5ML pH<2	V071206E	21 Jul 2006 21:58
25	25	21jul025.d	1.	BFB	V063006C	21 Jul 2006 22:28
26	26	21jul026.d	1.	CCV V071206A/B	V071206E	21 Jul 2006 22:59
27	27	21jul027.d	1.	LCS V071206C/D	V071206E	21 Jul 2006 23:29
28	28	21jul028.d	1.	LCSD V071206C/D	V071206E	22 Jul 2006 00:00
29	29	21jul029.d	1.	LCSD V071206C/D	V071206E	22 Jul 2006 00:31
30	30	21jul030.d	1.	MB	V071206E	22 Jul 2006 01:01
31	31	21jul031.d	1.	MB	V071206E	22 Jul 2006 01:32
32	32	21jul032.d	1.	06-07-0964-2A 5ML pH<2	V071206E	22 Jul 2006 02:02
33	33	21jul033.d	1.	06-07-1032-2G 5ML pH<2	V071206E	22 Jul 2006 02:32
34	34	21jul034.d	1.	06-07-1032-2G MS 5ML pH<2	V071206E	22 Jul 2006 03:03
35	35	21jul035.d	1.	06-07-1032-2G MSD 5ML pH<2	V071206E	22 Jul 2006 03:34
36	36	21jul036.d	1.	06-07-1032-2G MSD 5ML pH<2	V071206E	22 Jul 2006 04:04
37	37	21jul037.d	1.	BLK	V071206E	22 Jul 2006 04:35
38	38	21jul038.d	1.	06-07-1020-1A 5ML pH<2	V071206E	22 Jul 2006 05:05
39	39	21jul039.d	1.	06-07-1020-2A 5ML pH<2	V071206E	22 Jul 2006 05:36
40	40	21jul040.d	1.	06-07-0964-1A 5ML pH<2	V071206E	22 Jul 2006 06:06
41	41	21jul041.d	1.	06-07-0964-3A 5ML pH<2	V071206E	22 Jul 2006 06:37
42	42	21jul042.d	1.	06-07-0964-4A 5ML pH<2	V071206E	22 Jul 2006 07:07
43	43	21jul043.d	1.	06-07-0964-5A 5ML pH<2	V071206E	22 Jul 2006 07:38
44	44	21jul044.d	1.	06-07-1032-1D 5ML pH<2	V071206E	22 Jul 2006 08:08
45	45	21jul045.d	1.	06-07-1032-3D 5ML pH<2	V071206E	22 Jul 2006 08:39

CLPBFB

Data File : D:\DATA\072106\21JUL001.D
Acq On : 21 Jul 2006 10:13 am
Sample : BFB
Misc : V063006C
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B

Vial: 1
Operator:
Inst : GCMS R
Multiplr: 1.00





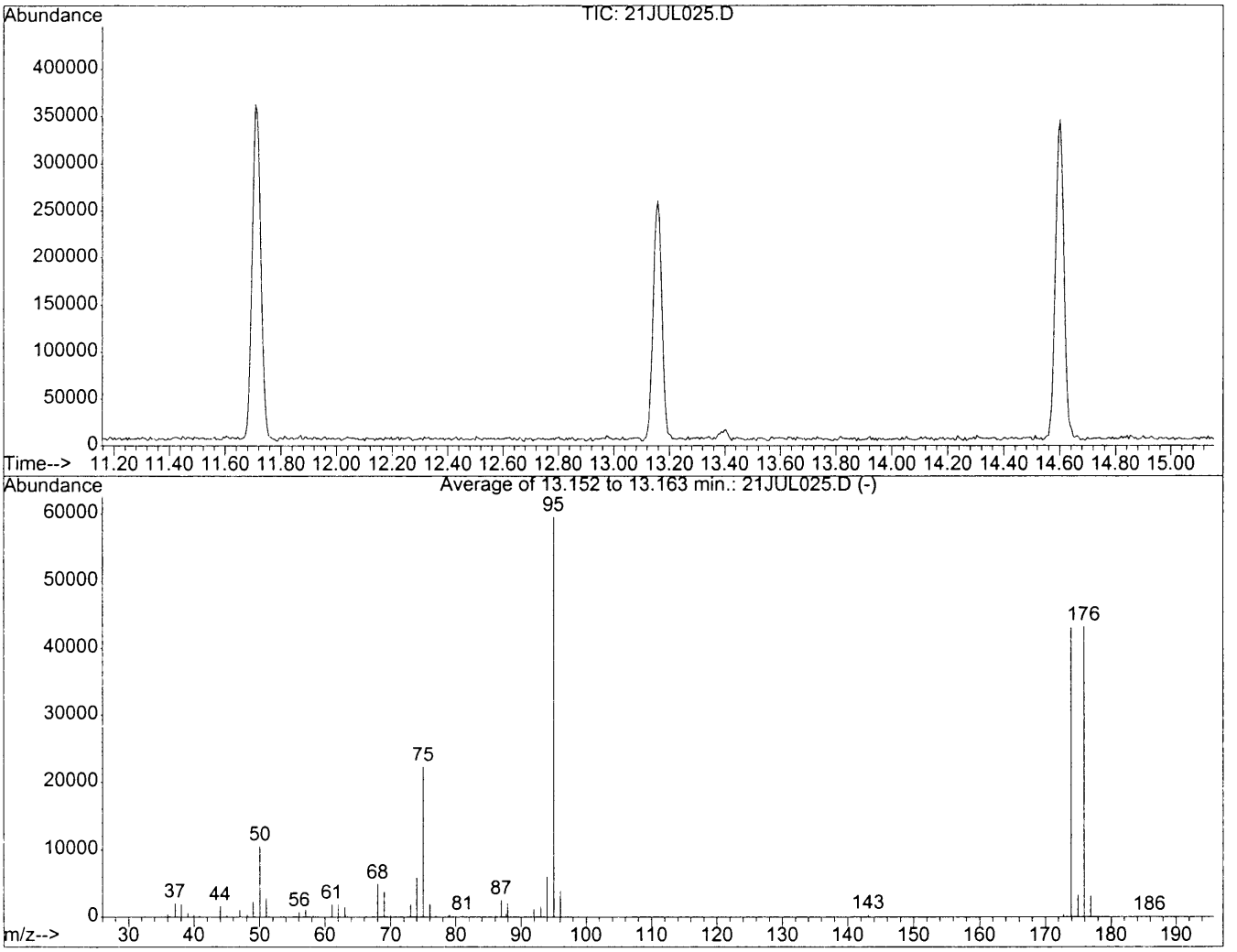
Spectrum Information: Average of 13.152 to 13.163 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.3	10715	PASS
75	95	30	60	38.8	20453	PASS
95	95	100	100	100.0	52749	PASS
96	95	5	9	6.8	3608	PASS
173	174	0.00	2	0.7	268	PASS
174	95	50	100	77.2	40738	PASS
175	174	5	9	8.3	3391	PASS
176	174	95	101	99.2	40397	PASS
177	176	5	9	6.6	2664	PASS

21JUL001.D 060720.M Fri Jul 21 10:57:45 2006 TEST

CLPBFB

Data File : D:\DATA\072106\21JUL025.D Vial: 25
Acq On : 21 Jul 2006 10:28 pm Operator:
Sample : BFB Inst : GCMS R
Misc : V063006C Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B



Spectrum Information: Average of 13.152 to 13.163 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.7	10527	PASS
75	95	30	60	37.4	22304	PASS
95	95	100	100	100.0	59613	PASS
96	95	5	9	6.5	3879	PASS
173	174	0.00	2	0.9	391	PASS
174	95	50	100	72.4	43136	PASS
175	174	5	9	7.6	3293	PASS
176	174	95	101	100.3	43266	PASS
177	176	5	9	7.2	3131	PASS

21JUL025.D 060720.M Sat Jul 22 08:50:36 2006 TEST

Evaluate Continuing Calibration Report

Data File : D:\DATA\072106\21JUL026.D Vial: 26
Acq On : 21 Jul 2006 10:59 pm Operator:
Sample : CCV V071206A/B Inst : GCMS R
Misc : V071206E Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Multiple Level Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	94	0.00
2	T	Dichlorodifluoromethane	0.579	0.361	37.7#	63	0.00
3	P	Chloromethane	0.859	0.651	24.2#	84	0.00
4	CCC	Vinyl Chloride	0.660	0.535	18.9	86	0.00
5	T	Bromomethane	0.325	0.330	-1.5	96	0.00
6	T	Chloroethane	0.344	0.349	-1.5	95	0.00
7	T	Trichlorofluoromethane	0.617	0.623	-1.0	98	0.00
8	T	Ethanol	0.013	0.012#	7.7	91	0.00
9	T	Diethyl Ether	0.331	0.298	10.0	92	0.00
10	T	Acetone	0.058	0.059#	-1.7	105	0.00
11	T	Iodomethane	0.281	0.302	-7.5	95	0.00
12	CCC	1,1-Dichloroethene	0.607	0.541	10.9	88	0.00
13	T	1,1,2-Trichloro-1,2,2-Trifl	0.382	0.334	12.6	89	0.00
14	T	Tert-Butyl Alcohol (TBA)	0.112	0.107	4.5	104	0.00
15	T	Carbon Disulfide	1.111	0.918	17.4	86	0.00
16	T	Acetonitrile	0.087	0.053#	39.1#	56	0.00
17	T	Acrylonitrile	0.271	0.258	4.8	108	0.00
18	T	Allyl Chloride	0.835	0.685	18.0	84	0.00
19	T	Acrolein	0.307	0.254	17.3	89	0.00
20	T	Methyl Acetate	0.547	0.456	16.6	95	0.00
21	T	Methylene Chloride	0.555	0.445	19.8	95	0.00
22	T	t-1,2-Dichloroethene	0.475	0.418	12.0	104	0.00
23	T	Isobutyl Alcohol	0.547	0.456	16.6	95	0.00
24	T	Methyl-t-Butyl Ether (MTBE)	1.247	1.275	-2.2	110	0.00
25	T	Hexane	0.876	0.865	1.3	111	0.00
26	P	1,1-Dichloroethane	0.851	0.914	-7.4	124	0.01
27	T	Vinyl Acetate	0.120	0.150	-25.0#	142	0.00
28	T	Diisopropyl Ether (DIPE)	1.970	2.123	-7.8	128	0.00
29	T	Chloroprene	0.791	0.802	-1.4	114	0.00
30	T	Ethyl-t-Butyl Ether (ETBE)	1.799	1.892	-5.2	96	0.00
31	T	c-1,2-Dichloroethene	0.598	0.604	-1.0	96	0.00
32	T	2,2-Dichloropropane	0.782	0.639	18.3	85	0.00
33	T	2-Butanone	0.409	0.455	-11.2	107	0.00
34	T	Propionitrile	0.144	0.140	2.8	91	0.00
35	T	Methacrylonitrile	0.510	0.510	0.0	96	0.00
36	T	Propanedinitrile	0.107	0.106	0.9	96	0.00
37	T	Bromochloromethane	0.319	0.334	-4.7	96	0.01
38	T	Tetrahydrofuran	0.329	0.319	3.0	100	0.00
39	CCC	Chloroform	0.829	0.797	3.9	95	0.00
40	S	Dibromofluoromethane	0.435	0.452	-3.9	97	0.00
41	T	1,1,1-Trichloroethane	0.695	0.644	7.3	90	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\DATA\072106\21JUL026.D Vial: 26
Acq On : 21 Jul 2006 10:59 pm Operator:
Sample : CCV V071206A/B Inst : GCMS R
Misc : V071206E Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Multiple Level Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
42	T	Cyclohexane	0.964	0.921	4.5	91	0.01
43	T	1,1-Dichloropropene	0.710	0.656	7.6	88	0.00
44	T	Carbon Tetrachloride	0.579	0.528	8.8	87	0.00
45	S	1,2-Dichloroethane-d4	0.447	0.466	-4.3	99	0.00
46	I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
47	T	Benzene	1.302	1.170	10.1	93	0.00
48	T	1,2-Dichloroethane	0.362	0.362	0.0	99	0.00
49	T	Tert-Amyl-Methyl Ether (TAM	0.857	0.866	-1.1	97	0.00
50	T	Thiophene	0.682	0.675	1.0	94	0.00
51	T	Trichloroethene	0.305	0.289	5.2	91	0.00
52	CCC	1,2-Dichloropropane	0.334	0.311	6.9	92	0.00
53	T	Methylcyclohexane	0.624	0.585	6.3	92	0.00
54	T	Dibromomethane	0.161	0.156	3.1	99	0.00
55	T	Methyl Methacrylate	0.265	0.261	1.5	99	0.00
56	T	Bromodichloromethane	0.346	0.336	2.9	95	0.00
57	T	2-Chloroethyl Vinyl Ether	0.090	0.082#	8.9	86	0.00
58	T	c-1,3-Dichloropropene	0.490	0.469	4.3	92	0.00
59	S	Toluene-d8	1.133	1.128	0.4	98	0.00
60	CCC	Toluene	1.338	1.250	6.6	92	0.00
61	T	4-Methyl-2-Pentanone	0.200	0.199	0.5	98	0.00
62	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
63	T	t-1,3-Dichloropropene	0.483	0.464	3.9	94	0.00
64	T	Ethyl Methacrylate	0.513	0.505	1.6	95	0.00
65	T	1,1,2-Trichloroethane	0.250	0.250	0.0	100	0.00
66	T	Tetrachloroethene	0.362	0.386	-6.6	102	0.00
67	T	1,3-Dichloropropane	0.511	0.535	-4.7	100	0.00
68	T	2-Hexanone	0.207	0.226	-9.2	109	0.00
69	T	Dibromochloromethane	0.317	0.298	6.0	90	0.00
70	T	1,2-Dibromoethane	0.312	0.317	-1.6	100	0.00
71	P	Chlorobenzene	1.014	0.985	2.9	93	0.00
72	T	1,1,1,2-Tetrachloroethane	0.315	0.308	2.2	93	0.00
73	CCC	Ethylbenzene	1.614	1.521	5.8	91	0.00
74	T	p/m-Xylene	1.242	1.143	8.0	92	0.00
75	T	o-Xylene	1.263	1.216	3.7	94	0.00
76	T	Styrene	1.122	1.100	2.0	94	0.00
77	P	Bromoform	0.198	0.184	7.1	87	0.00
78	T	Isopropylbenzene	1.602	1.536	4.1	91	0.00
79	S	1,4-Bromofluorobenzene	0.475	0.474	0.2	95	0.00
80	T	1,2,3-Trichloropropane	0.560	0.562	-0.4	95	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\DATA\072106\21JUL026.D Vial: 26
Acq On : 21 Jul 2006 10:59 pm Operator:
Sample : CCV V071206A/B Inst : GCMS R
Misc : V071206E Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Multiple Level Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	Bromobenzene	0.361	0.364	-0.8	95	0.00
82	P	1,1,2,2-Tetrachloroethane	0.451	0.450	0.2	98	0.00
83	T	n-Propylbenzene	1.870	1.775	5.1	90	0.00
84	T	t-1,4-Dichloro-2-Butene	0.161	0.152	5.6	92	0.00
85	T	2-Chlorotoluene	1.110	1.043	6.0	90	0.00
86	T	1,3,5-Trimethylbenzene	1.334	1.250	6.3	90	0.00
87	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
88	T	4-Chlorotoluene	2.814	2.608	7.3	91	0.00
89	T	1,2,4-Trimethylbenzene	2.998	2.739	8.6	89	0.00
90	T	tert-Butylbenzene	3.428	3.107	9.4	88	0.00
91	T	p-Isopropyltoluene	3.338	3.068	8.1	88	0.00
92	T	sec-Butylbenzene	4.105	3.797	7.5	90	0.00
93	T	1,3-Dichlorobenzene	1.683	1.588	5.6	90	0.00
94	T	1,4-Dichlorobenzene	1.709	1.580	7.5	89	0.00
95	T	1,2-Dichlorobenzene	1.541	1.496	2.9	93	0.00
96	T	n-Butylbenzene	2.911	2.648	9.0	86	0.00
97	T	1,2-Dibromo-3-Chloropropane	0.177	0.174	1.7	95	0.00
98	T	1,2,4-Trichlorobenzene	1.122	1.014	9.6	86	0.00
99	T	Hexachloro-1,3-Butadiene	0.550	0.486	11.6	86	0.00
100	T	Naphthalene	3.406	3.290	3.4	95	0.00
101	T	1,2,3-Trichlorobenzene	1.069	0.998	6.6	90	0.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL026.D
Acq On : 21 Jul 2006 10:59 pm
Sample : CCV V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:50:44 2006

Vial: 26
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.20	168	588273	50.00	ug/l	0.00
46) 1,4-Difluorobenzene	8.13	114	1062655	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.71	117	938323	50.00	ug/l	0.00
87) 1,4-Dichlorobenzene-d4	14.60	152	429454	50.00	ug/l	0.00
System Monitoring Compounds						
40) Dibromofluoromethane	7.12	113	266001	51.97	ug/l	0.00
Spiked Amount 50.000	Range 84 - 120		Recovery = 103.94%			
45) 1,2-Dichloroethane-d4	7.56	65	274377	52.18	ug/l	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.36%			
59) Toluene-d8	9.95	98	1198505	49.79	ug/l	0.00
Spiked Amount 50.000	Range 91 - 109		Recovery = 99.58%			
79) 1,4-Bromofluorobenzene	13.16	95	444615	49.83	ug/l	0.00
Spiked Amount 50.000	Range 84 - 108		Recovery = 99.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.92	85	212171	31.17	ug/l	95
3) Chloromethane	2.16	50	382944	37.88	ug/l	96
4) Vinyl Chloride	2.28	62	314488	40.50	ug/l	97
5) Bromomethane	2.68	94	194406	50.82	ug/l	95
6) Chloroethane	2.82	64	205366	50.72	ug/l	91
7) Trichlorofluoromethane	3.18	101	366229	50.48	ug/l	97
8) Ethanol	3.43	45	70632	465.48	ug/l	83
9) Diethyl Ether	3.59	45	175568	45.14	ug/l	96
10) Acetone	4.00	58	34629	51.04	ug/l	86
11) Iodomethane	4.15	142	177639	53.77	ug/l	96
12) 1,1-Dichloroethene	3.92	61	318114	44.53	ug/l	97
13) 1,1,2-Trichloro-1,2,2-Trif	3.94	101	196716	43.81	ug/l	97
14) Tert-Butyl Alcohol (TBA)	4.89	59	315314	238.77	ug/l	98
15) Carbon Disulfide	4.25	76	540228	41.31	ug/l	94
16) Acetonitrile	4.40	41	31088	30.51	ug/l	85
17) Acrylonitrile	5.01	53	151488	47.51	ug/l	85
18) Allyl Chloride	4.48	41	403047	41.04	ug/l	96
19) Acrolein	3.75	56	299145	82.70	ug/l	92
20) Methyl Acetate	4.53	43	268022	41.68	ug/l	98
21) Methylene Chloride	4.66	84	261501	40.04	ug/l	95
22) t-1,2-Dichloroethene	5.08	96	245803	44.00	ug/l	100
23) Isobutyl Alcohol	4.53	43	268022	41.68	ug/l	99
24) Methyl-t-Butyl Ether (MTBE	5.12	73	749846	51.13	ug/l	100
25) Hexane	5.51	57	508599	49.33	ug/l	99
26) 1,1-Dichloroethane	5.68	63	537567	53.66	ug/l	98
27) Vinyl Acetate	5.78	86	88495	62.53	ug/l #	72

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL026.D
Acq On : 21 Jul 2006 10:59 pm
Sample : CCV V071206A/B
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:50:44 2006

Vial: 26
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) Diisopropyl Ether (DIPE)	5.84	45	1249170	53.90 ug/l	97
29) Chloroprene	5.82	53	472073	50.73 ug/l	89
30) Ethyl-t-Butyl Ether (ETBE)	6.33	59	1113275	52.59 ug/l	100
31) c-1,2-Dichloroethene	6.49	96	355458	50.54 ug/l	93
32) 2,2-Dichloropropane	6.49	77	376048	40.87 ug/l	99
33) 2-Butanone	6.52	43	267631	55.57 ug/l	98
34) Propionitrile	6.58	54	82625	48.76 ug/l	95
35) Methacrylonitrile	6.78	41	300270	50.05 ug/l	100
36) Propanedinitrile	6.79	66	62258	49.25 ug/l	100
37) Bromochloromethane	6.81	130	196264	52.22 ug/l	99
38) Tetrahydrofuran	6.90	42	187447	48.38 ug/l	92
39) Chloroform	6.92	83	469059	48.12 ug/l	98
41) 1,1,1-Trichloroethane	7.16	97	378745	46.35 ug/l	97
42) Cyclohexane	7.26	84	541911	47.80 ug/l	97
43) 1,1-Dichloropropene	7.38	75	385920	46.22 ug/l	95
44) Carbon Tetrachloride	7.39	117	310840	45.65 ug/l	96
47) Benzene	7.64	78	1243165	44.92 ug/l	95
48) 1,2-Dichloroethane	7.66	62	384195	49.88 ug/l	97
49) Tert-Amyl-Methyl Ether (TA	7.81	73	919908	50.53 ug/l	99
50) Thiophene	7.91	84	717748	49.53 ug/l	98
51) Trichloroethene	8.46	95	307589	47.45 ug/l	96
52) 1,2-Dichloropropane	8.73	63	330442	46.54 ug/l	99
53) Methylcyclohexane	8.71	83	621733	46.86 ug/l	98
54) Dibromomethane	8.87	93	165925	48.50 ug/l	98
55) Methyl Methacrylate	8.87	69	276917	49.13 ug/l	97
56) Bromodichloromethane	9.06	83	357277	48.60 ug/l	92
57) 2-Chloroethyl Vinyl Ether	9.43	63	86625	45.49 ug/l	95
58) c-1,3-Dichloropropene	9.61	75	498607	47.91 ug/l	98
60) Toluene	10.04	91	1328220	46.69 ug/l	98
61) 4-Methyl-2-Pentanone	9.80	58	211431	49.72 ug/l	96
63) t-1,3-Dichloropropene	10.28	75	435803	48.12 ug/l	97
64) Ethyl Methacrylate	10.40	69	474308	49.26 ug/l	96
65) 1,1,2-Trichloroethane	10.51	83	234403	50.03 ug/l	91
66) Tetrachloroethene	10.71	166	362451	53.38 ug/l	95
67) 1,3-Dichloropropane	10.71	76	502079	52.31 ug/l	96
68) 2-Hexanone	10.81	58	211910	54.52 ug/l	100
69) Dibromochloromethane	11.00	129	279208	46.99 ug/l	95
70) 1,2-Dibromoethane	11.14	107	297916	50.83 ug/l	89
71) Chlorobenzene	11.75	112	923938	48.57 ug/l	96
72) 1,1,1,2-Tetrachloroethane	11.84	131	288845	48.83 ug/l	96
73) Ethylbenzene	11.88	91	1426807	47.12 ug/l	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL026.D Vial: 26
Acq On : 21 Jul 2006 10:59 pm Operator:
Sample : CCV V071206A/B Inst : GCMS R
Misc : V071206E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:50:44 2006 Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

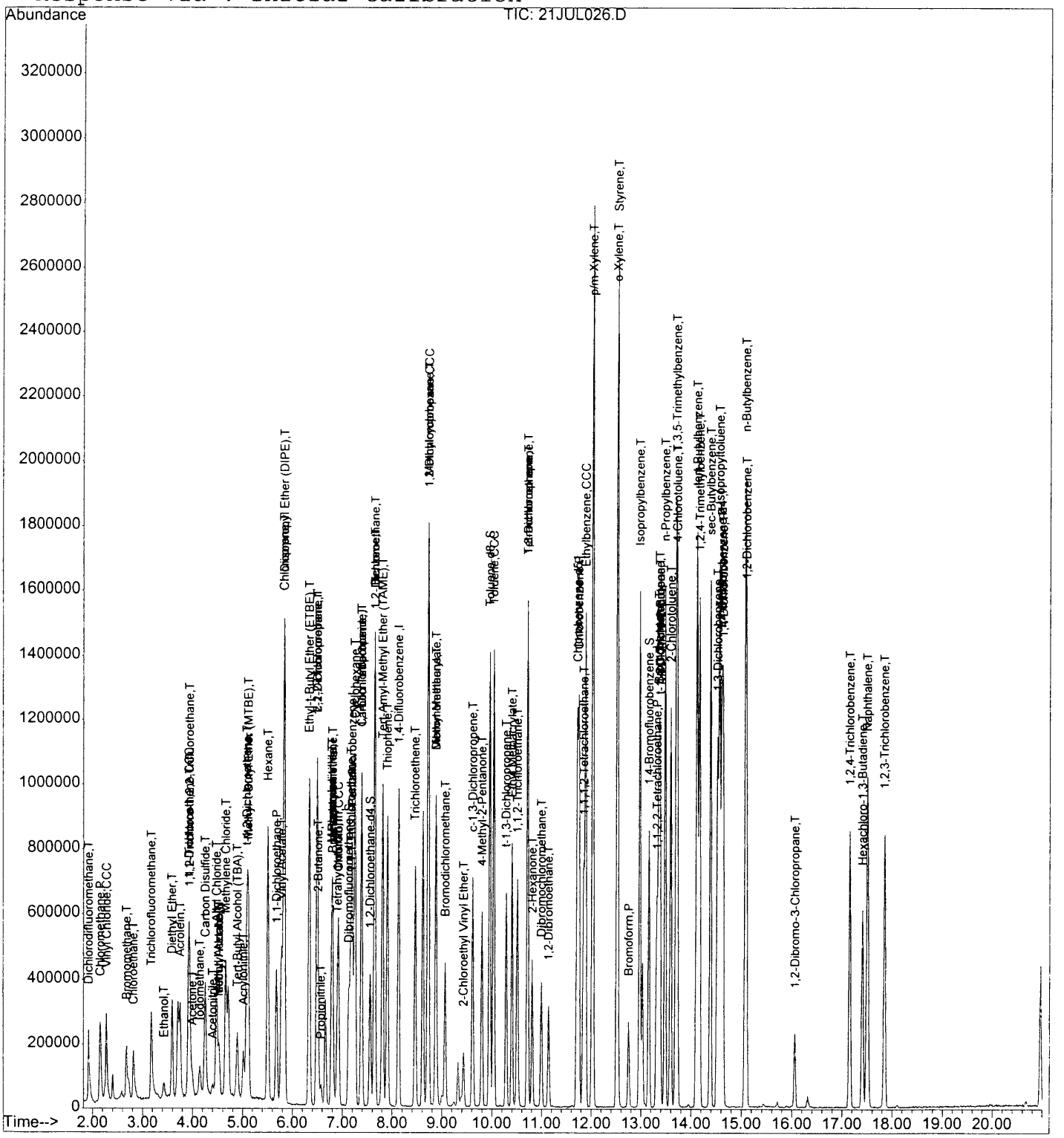
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	p/m-Xylene	12.02	91	2145381	92.06 ug/l	99
75)	o-Xylene	12.51	91	1140850	48.14 ug/l	98
76)	Styrene	12.52	104	1032610	49.02 ug/l	96
77)	Bromoform	12.75	173	172243	46.42 ug/l	96
78)	Isopropylbenzene	12.97	105	1440946	47.94 ug/l	99
80)	1,2,3-Trichloropropane	13.38	75	527783	50.25 ug/l	98
81)	Bromobenzene	13.35	156	341816	50.52 ug/l	94
82)	1,1,2,2-Tetrachloroethane	13.31	83	422585	49.92 ug/l	92
83)	n-Propylbenzene	13.48	91	1665071	47.45 ug/l	98
84)	t-1,4-Dichloro-2-Butene	13.38	53	143056	47.36 ug/l	90
85)	2-Chlorotoluene	13.59	91	978800	47.01 ug/l	98
86)	1,3,5-Trimethylbenzene	13.70	105	1173279	46.88 ug/l	99
88)	4-Chlorotoluene	13.72	91	1120194	46.35 ug/l	98
89)	1,2,4-Trimethylbenzene	14.16	105	1176413	45.68 ug/l	97
90)	tert-Butylbenzene	14.10	119	1334431	45.33 ug/l	100
91)	p-Isopropyltoluene	14.56	119	1317391	45.96 ug/l	98
92)	sec-Butylbenzene	14.38	105	1630526	46.24 ug/l	99
93)	1,3-Dichlorobenzene	14.52	146	682152	47.18 ug/l	97
94)	1,4-Dichlorobenzene	14.63	146	678335	46.21 ug/l	91
95)	1,2-Dichlorobenzene	15.10	146	642621	48.56 ug/l	96
96)	n-Butylbenzene	15.07	91	1137397	45.50 ug/l	99
97)	1,2-Dibromo-3-Chloropropan	16.06	75	74839	49.23 ug/l	93
98)	1,2,4-Trichlorobenzene	17.15	180	435310	45.17 ug/l	100
99)	Hexachloro-1,3-Butadiene	17.40	225	208901	44.19 ug/l	98
100)	Naphthalene	17.50	128	1412825	48.29 ug/l	100
101)	1,2,3-Trichlorobenzene	17.84	180	428618	46.69 ug/l	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL026.D
Vial: 26
Acq On : 21 Jul 2006 10:59 pm
Operator:
Sample : CCV V071206A/B
Inst : GCMS R
Misc : V071206E
Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 8:50 2006
Quant Results File: 060720.RES

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL027.D Vial: 27
Acq On : 21 Jul 2006 11:29 pm Operator:
Sample : LCS V071206C/D Inst : GCMS R
Misc : V071206E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:51:47 2006 Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.20	168	620549	50.00	ug/l	0.00
46) 1,4-Difluorobenzene	8.13	114	1094337	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.71	117	973122	50.00	ug/l	0.00
87) 1,4-Dichlorobenzene-d4	14.60	152	451274	50.00	ug/l	0.00
System Monitoring Compounds						
40) Dibromofluoromethane	7.13	113	271664	50.32	ug/l	0.00
Spiked Amount 50.000	Range 84 - 120		Recovery = 100.64%			
45) 1,2-Dichloroethane-d4	7.56	65	285773	51.52	ug/l	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.04%			
59) Toluene-d8	9.95	98	1230480	49.64	ug/l	0.00
Spiked Amount 50.000	Range 91 - 109		Recovery = 99.28%			
79) 1,4-Bromofluorobenzene	13.16	95	470791	50.87	ug/l	0.00
Spiked Amount 50.000	Range 84 - 108		Recovery = 101.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.92	85	193635	26.96	ug/l	92
3) Chloromethane	2.16	50	371378	34.83	ug/l	97
4) Vinyl Chloride	2.28	62	310147	37.87	ug/l	96
5) Bromomethane	2.68	94	192385	47.67	ug/l	81
6) Chloroethane	2.82	64	203238	47.59	ug/l	89
7) Trichlorofluoromethane	3.18	101	342566	44.76	ug/l	98
8) Ethanol	3.43	45	54102	338.00	ug/l	91
9) Diethyl Ether	3.59	45	174715	42.59	ug/l	98
10) Acetone	4.00	58	30331	42.38	ug/l #	63
11) Iodomethane	4.15	142	171445	49.20	ug/l	94
12) 1,1-Dichloroethene	3.93	61	310733	41.23	ug/l	98
13) 1,1,2-Trichloro-1,2,2-Trif	3.94	101	193028	40.75	ug/l	99
14) Tert-Butyl Alcohol (TBA)	4.89	59	242045	173.75	ug/l	98
15) Carbon Disulfide	4.25	76	534777	38.77	ug/l	99
16) Acetonitrile	4.41	41	31465	29.28	ug/l	93
17) Acrylonitrile	5.01	53	129086	38.38	ug/l	95
18) Allyl Chloride	4.48	41	412358	39.80	ug/l	97
19) Acrolein	3.75	56	268170	70.28	ug/l	98
20) Methyl Acetate	4.53	43	242207	35.71	ug/l	99
21) Methylene Chloride	4.66	84	262262	38.07	ug/l	98
22) t-1,2-Dichloroethene	5.08	96	213908	36.30	ug/l	93
23) Isobutyl Alcohol	4.53	43	242207	35.71	ug/l	98
24) Methyl-t-Butyl Ether (MTBE	5.11	73	654551	42.31	ug/l	99
25) Hexane	5.51	57	473328	43.52	ug/l	99
26) 1,1-Dichloroethane	5.68	63	497733	47.10	ug/l	98
27) Vinyl Acetate	5.78	86	69883	46.81	ug/l #	65

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL027.D
Acq On : 21 Jul 2006 11:29 pm
Sample : LCS V071206C/D
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:51:47 2006

Vial: 27
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28)	Diisopropyl Ether (DIPE)	5.84	45	1138220	46.56 ug/l	98
29)	Chloroprene	5.82	53	448500	45.69 ug/l	95
30)	Ethyl-t-Butyl Ether (ETBE)	6.34	59	1101352	49.32 ug/l	100
31)	c-1,2-Dichloroethene	6.49	96	347615	46.86 ug/l	96
32)	2,2-Dichloropropane	6.49	77	375801	38.72 ug/l	99
33)	2-Butanone	6.53	43	239310	47.10 ug/l	97
34)	Propionitrile	6.57	54	81685	45.69 ug/l	91
35)	Methacrylonitrile	6.79	41	289472	45.74 ug/l	100
36)	Propanedinitrile	6.78	66	59966	44.97 ug/l	86
37)	Bromochloromethane	6.80	130	204533	51.59 ug/l	100
38)	Tetrahydrofuran	6.89	42	172680	42.25 ug/l	97
39)	Chloroform	6.92	83	474717	46.16 ug/l	95
41)	1,1,1-Trichloroethane	7.16	97	392026	45.48 ug/l	99
42)	Cyclohexane	7.25	84	559935	46.82 ug/l	95
43)	1,1-Dichloropropene	7.38	75	395704	44.93 ug/l	98
44)	Carbon Tetrachloride	7.39	117	305849	42.59 ug/l	92
47)	Benzene	7.64	78	1261039	44.25 ug/l	97
48)	1,2-Dichloroethane	7.65	62	392918	49.54 ug/l	98
49)	Tert-Amyl-Methyl Ether (TA	7.81	73	909188	48.50 ug/l	99
50)	Thiophene	7.91	84	725538	48.62 ug/l	99
51)	Trichloroethene	8.46	95	307540	46.06 ug/l	99
52)	1,2-Dichloropropane	8.72	63	338513	46.30 ug/l	98
53)	Methylcyclohexane	8.71	83	619654	45.35 ug/l	98
54)	Dibromomethane	8.87	93	161861	45.94 ug/l	90
55)	Methyl Methacrylate	8.88	69	268118	46.19 ug/l	96
56)	Bromodichloromethane	9.06	83	360000	47.55 ug/l	97
57)	2-Chloroethyl Vinyl Ether	9.43	63	85729	43.72 ug/l	89
58)	c-1,3-Dichloropropene	9.62	75	511917	47.76 ug/l	99
60)	Toluene	10.03	91	1353833	46.22 ug/l	97
61)	4-Methyl-2-Pentanone	9.80	58	189222	43.21 ug/l	93
63)	t-1,3-Dichloropropene	10.28	75	446004	47.48 ug/l	94
64)	Ethyl Methacrylate	10.40	69	475205	47.59 ug/l	98
65)	1,1,2-Trichloroethane	10.51	83	232913	47.93 ug/l	96
66)	Tetrachloroethene	10.71	166	360188	51.15 ug/l	93
67)	1,3-Dichloropropane	10.71	76	508488	51.08 ug/l	95
68)	2-Hexanone	10.81	58	195422	48.48 ug/l	91
69)	Dibromochloromethane	10.99	129	283167	45.95 ug/l	96
70)	1,2-Dibromoethane	11.14	107	297192	48.89 ug/l	90
71)	Chlorobenzene	11.75	112	953794	48.35 ug/l	100
72)	1,1,1,2-Tetrachloroethane	11.84	131	300742	49.03 ug/l	96
73)	Ethylbenzene	11.88	91	1481051	47.16 ug/l	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL027.D
Vial: 27
Acq On : 21 Jul 2006 11:29 pm
Operator:
Sample : LCS V071206C/D
Inst : GCMS R
Misc : V071206E
Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:51:47 2006
Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

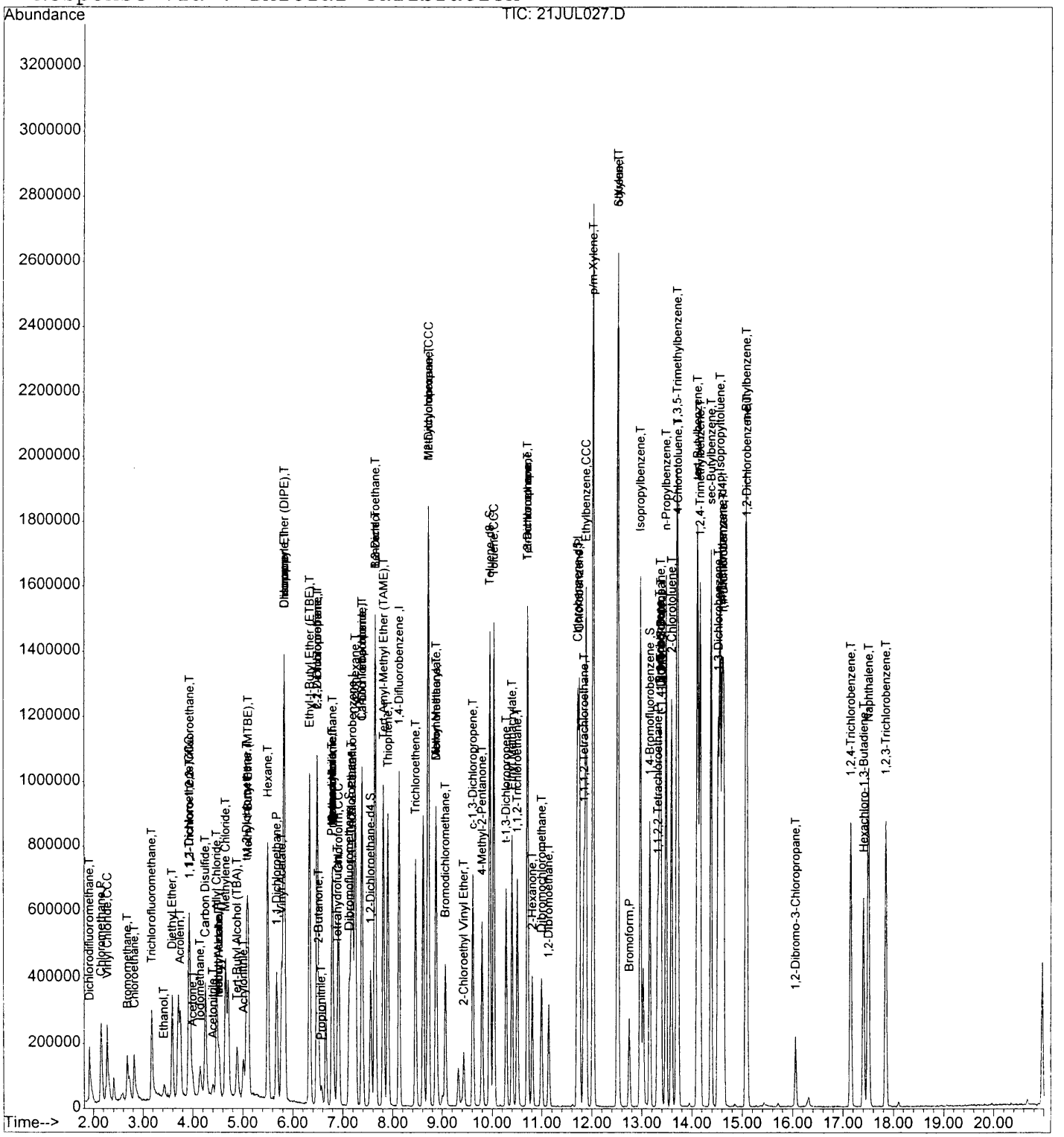
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	p/m-Xylene	12.03	91	2192601	90.72	ug/l	100
75)	o-Xylene	12.51	91	1151165	46.84	ug/l	100
76)	Styrene	12.52	104	1053751	48.24	ug/l	96
77)	Bromoform	12.75	173	173783	45.16	ug/l	96
78)	Isopropylbenzene	12.97	105	1458050	46.77	ug/l	99
80)	1,2,3-Trichloropropane	13.38	75	500025	45.90	ug/l	96
81)	Bromobenzene	13.35	156	335769	47.85	ug/l	91
82)	1,1,2,2-Tetrachloroethane	13.31	83	407692	46.44	ug/l	96
83)	n-Propylbenzene	13.48	91	1699209	46.69	ug/l	97
84)	t-1,4-Dichloro-2-Butene	13.38	53	133222	42.53	ug/l	98
85)	2-Chlorotoluene	13.59	91	1014848	46.99	ug/l	100
86)	1,3,5-Trimethylbenzene	13.70	105	1204145	46.39	ug/l	96
88)	4-Chlorotoluene	13.72	91	1145044	45.09	ug/l	96
89)	1,2,4-Trimethylbenzene	14.17	105	1226728	45.33	ug/l	98
90)	tert-Butylbenzene	14.10	119	1388088	44.87	ug/l	98
91)	p-Isopropyltoluene	14.56	119	1358018	45.08	ug/l	99
92)	sec-Butylbenzene	14.38	105	1676938	45.26	ug/l	99
93)	1,3-Dichlorobenzene	14.52	146	689568	45.39	ug/l	95
94)	1,4-Dichlorobenzene	14.63	146	688467	44.64	ug/l	99
95)	1,2-Dichlorobenzene	15.09	146	644036	46.31	ug/l	97
96)	n-Butylbenzene	15.07	91	1169967	44.54	ug/l	99
97)	1,2-Dibromo-3-Chloropropan	16.05	75	69363	43.42	ug/l	93
98)	1,2,4-Trichlorobenzene	17.15	180	449267	44.37	ug/l	99
99)	Hexachloro-1,3-Butadiene	17.40	225	216982	43.68	ug/l	98
100)	Naphthalene	17.50	128	1412193	45.94	ug/l	99
101)	1,2,3-Trichlorobenzene	17.84	180	442335	45.86	ug/l	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL027.D Vial: 27
Acq On : 21 Jul 2006 11:29 pm Operator:
Sample : LCS V071206C/D Inst : GCMS R
Misc : V071206E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 8:51 2006 Quant Results File: 060720.RES

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL029.D
Vial: 29
Acq On : 22 Jul 2006 12:31 am
Operator:
Sample : LCSD V071206C/D
Inst : GCMS R
Misc : V071206E
Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:52:30 2006
Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.20	168	583370	50.00	ug/l	0.00
46) 1,4-Difluorobenzene	8.13	114	1073308	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.71	117	949740	50.00	ug/l	0.00
87) 1,4-Dichlorobenzene-d4	14.60	152	437801	50.00	ug/l	0.00
System Monitoring Compounds						
40) Dibromofluoromethane	7.13	113	248766	49.01	ug/l	0.00
Spiked Amount 50.000	Range 84 - 120		Recovery = 98.02%			
45) 1,2-Dichloroethane-d4	7.55	65	286206	54.89	ug/l	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.78%			
59) Toluene-d8	9.95	98	1202062	49.44	ug/l	0.00
Spiked Amount 50.000	Range 91 - 109		Recovery = 98.88%			
79) 1,4-Bromofluorobenzene	13.16	95	462283	51.18	ug/l	0.00
Spiked Amount 50.000	Range 84 - 108		Recovery = 102.36%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.92	85	203075	30.08	ug/l	87
3) Chloromethane	2.16	50	377278	37.64	ug/l	99
4) Vinyl Chloride	2.27	62	312083	40.53	ug/l	97
5) Bromomethane	2.68	94	195293	51.48	ug/l	95
6) Chloroethane	2.82	64	206597	51.46	ug/l	88
7) Trichlorofluoromethane	3.18	101	351295	48.82	ug/l	99
8) Ethanol	3.43	45	78737	523.26	ug/l	85
9) Diethyl Ether	3.60	45	176182	45.68	ug/l	98
10) Acetone	3.99	58	34678	51.55	ug/l #	83
11) Iodomethane	4.14	142	169038	51.60	ug/l	95
12) 1,1-Dichloroethene	3.93	61	307873	43.46	ug/l	96
13) 1,1,2-Trichloro-1,2,2-Trif	3.94	101	191808	43.07	ug/l	98
14) Tert-Butyl Alcohol (TBA)	4.89	59	275781	210.59	ug/l	96
15) Carbon Disulfide	4.25	76	529701	40.85	ug/l	97
16) Acetonitrile	4.40	41	35760	35.39	ug/l	99
17) Acrylonitrile	5.01	53	140086	44.30	ug/l	94
18) Allyl Chloride	4.48	41	399653	41.03	ug/l	97
19) Acrolein	3.76	56	293010	81.69	ug/l	95
20) Methyl Acetate	4.53	43	272484	42.73	ug/l	99
21) Methylene Chloride	4.66	84	256737	39.64	ug/l	100
22) t-1,2-Dichloroethene	5.08	96	210524	38.00	ug/l	92
23) Isobutyl Alcohol	4.53	43	273537	42.90	ug/l	96
24) Methyl-t-Butyl Ether (MTBE	5.11	73	647877	44.54	ug/l	98
25) Hexane	5.51	57	464413	45.42	ug/l	98
26) 1,1-Dichloroethane	5.68	63	468046	47.11	ug/l	97
27) Vinyl Acetate	5.77	86	67511	48.10	ug/l #	79

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL029.D Vial: 29
Acq On : 22 Jul 2006 12:31 am Operator:
Sample : LCSD V071206C/D Inst : GCMS R
Misc : V071206E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:52:30 2006 Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) Diisopropyl Ether (DIPE)	5.84	45	1023814	44.55 ug/l	98
29) Chloroprene	5.82	53	423617	45.90 ug/l	92
30) Ethyl-t-Butyl Ether (ETBE)	6.34	59	989963	47.15 ug/l	98
31) c-1,2-Dichloroethene	6.49	96	303528	43.52 ug/l	97
32) 2,2-Dichloropropane	6.49	77	366682	40.19 ug/l	96
33) 2-Butanone	6.52	43	237004	49.62 ug/l	93
34) Propionitrile	6.58	54	73018	43.45 ug/l	95
35) Methacrylonitrile	6.79	41	268282	45.10 ug/l	96
36) Propanedinitrile	6.78	66	53541	42.71 ug/l	98
37) Bromochloromethane	6.81	130	171352	45.97 ug/l	95
38) Tetrahydrofuran	6.90	42	170997	44.51 ug/l	94
39) Chloroform	6.92	83	437276	45.23 ug/l	97
41) 1,1,1-Trichloroethane	7.16	97	384578	47.46 ug/l	99
42) Cyclohexane	7.25	84	543630	48.35 ug/l	96
43) 1,1-Dichloropropene	7.38	75	397446	48.00 ug/l	96
44) Carbon Tetrachloride	7.38	117	310207	45.94 ug/l	95
47) Benzene	7.64	78	1259645	45.07 ug/l	99
48) 1,2-Dichloroethane	7.65	62	387922	49.86 ug/l	98
49) Tert-Amyl-Methyl Ether (TA	7.81	73	896617	48.77 ug/l	100
50) Thiophene	7.90	84	708294	48.39 ug/l	99
51) Trichloroethene	8.46	95	316621	48.35 ug/l	96
52) 1,2-Dichloropropane	8.73	63	346744	48.35 ug/l	97
53) Methylcyclohexane	8.72	83	620377	46.29 ug/l	98
54) Dibromomethane	8.86	93	162128	46.92 ug/l	97
55) Methyl Methacrylate	8.88	69	276484	48.57 ug/l	98
56) Bromodichloromethane	9.06	83	350050	47.14 ug/l	93
57) 2-Chloroethyl Vinyl Ether	9.43	63	87798	45.65 ug/l	97
58) c-1,3-Dichloropropene	9.62	75	503963	47.94 ug/l	99
60) Toluene	10.04	91	1367838	47.61 ug/l	97
61) 4-Methyl-2-Pentanone	9.80	58	208125	48.45 ug/l	95
63) t-1,3-Dichloropropene	10.28	75	440539	48.05 ug/l	95
64) Ethyl Methacrylate	10.40	69	478558	49.10 ug/l	97
65) 1,1,2-Trichloroethane	10.51	83	232685	49.07 ug/l	98
66) Tetrachloroethene	10.71	166	368576	53.63 ug/l	95
67) 1,3-Dichloropropane	10.71	76	490246	50.46 ug/l	100
68) 2-Hexanone	10.81	58	210938	53.62 ug/l	98
69) Dibromochloromethane	10.99	129	278447	46.29 ug/l	96
70) 1,2-Dibromoethane	11.14	107	297053	50.07 ug/l	95
71) Chlorobenzene	11.75	112	947673	49.22 ug/l	99
72) 1,1,1,2-Tetrachloroethane	11.84	131	286650	47.88 ug/l	95
73) Ethylbenzene	11.88	91	1466531	47.85 ug/l	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL029.D Vial: 29
Acq On : 22 Jul 2006 12:31 am Operator:
Sample : LCSD V071206C/D Inst : GCMS R
Misc : V071206E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:52:30 2006 Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

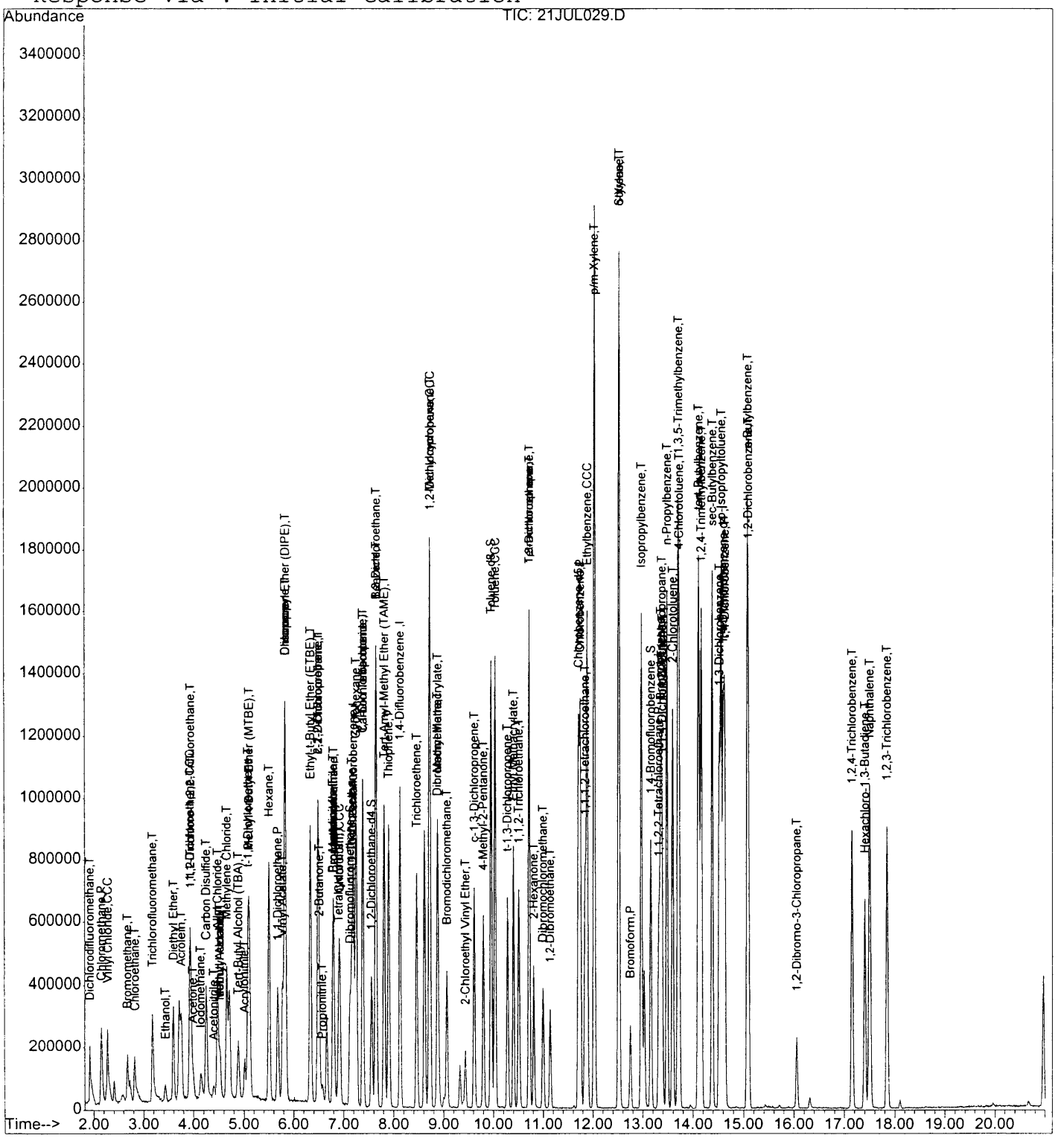
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	p/m-Xylene	12.03	91	2213620	93.85 ug/l	100
75)	o-Xylene	12.51	91	1159061	48.32 ug/l	100
76)	Styrene	12.52	104	1055703	49.52 ug/l	99
77)	Bromoform	12.75	173	174448	46.45 ug/l	100
78)	Isopropylbenzene	12.97	105	1458076	47.92 ug/l	99
80)	1,2,3-Trichloropropane	13.37	75	527106	49.58 ug/l	95
81)	Bromobenzene	13.35	156	332940	48.61 ug/l	99
82)	1,1,2,2-Tetrachloroethane	13.31	83	424875	49.59 ug/l	97
83)	n-Propylbenzene	13.48	91	1724953	48.57 ug/l	97
84)	t-1,4-Dichloro-2-Butene	13.39	53	137967	45.13 ug/l	92
85)	2-Chlorotoluene	13.59	91	1026419	48.70 ug/l	99
86)	1,3,5-Trimethylbenzene	13.70	105	1202777	47.48 ug/l	98
88)	4-Chlorotoluene	13.72	91	1164908	47.28 ug/l	100
89)	1,2,4-Trimethylbenzene	14.16	105	1214315	46.26 ug/l	98
90)	tert-Butylbenzene	14.10	119	1378604	45.93 ug/l	98
91)	p-Isopropyltoluene	14.56	119	1375601	47.07 ug/l	98
92)	sec-Butylbenzene	14.38	105	1691151	47.05 ug/l	100
93)	1,3-Dichlorobenzene	14.52	146	704613	47.81 ug/l	94
94)	1,4-Dichlorobenzene	14.63	146	710993	47.51 ug/l	99
95)	1,2-Dichlorobenzene	15.09	146	652817	48.39 ug/l	96
96)	n-Butylbenzene	15.07	91	1203613	47.23 ug/l	98
97)	1,2-Dibromo-3-Chloropropan	16.06	75	71058	45.85 ug/l	96
98)	1,2,4-Trichlorobenzene	17.15	180	472599	48.11 ug/l	98
99)	Hexachloro-1,3-Butadiene	17.40	225	217320	45.09 ug/l	99
100)	Naphthalene	17.50	128	1449294	48.59 ug/l	100
101)	1,2,3-Trichlorobenzene	17.84	180	468236	50.04 ug/l	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL029.D
Vial: 29
Acq On : 22 Jul 2006 12:31 am
Operator:
Sample : LCSD V071206C/D
Inst : GCMS R
Misc : V071206E
Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 8:52 2006
Quant Results File: 060720.RES

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL034.D Vial: 34
Acq On : 22 Jul 2006 3:03 am Operator:
Sample : 06-07-1032-2G MS 5ML pH<2 Inst : GCMS R
Misc : V071206E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:54:35 2006 Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.20	168	579389	50.00 ug/l	0.00
46) 1,4-Difluorobenzene	8.13	114	1022657	50.00 ug/l	0.00
62) Chlorobenzene-d5	11.71	117	906184	50.00 ug/l	0.00
87) 1,4-Dichlorobenzene-d4	14.60	152	421501	50.00 ug/l	0.00
System Monitoring Compounds					
40) Dibromofluoromethane	7.13	113	255392	50.67 ug/l	0.00
Spiked Amount 50.000	Range 84 - 120		Recovery = 101.34%		
45) 1,2-Dichloroethane-d4	7.56	65	266774	51.51 ug/l	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.02%		
59) Toluene-d8	9.95	98	1147815	49.55 ug/l	0.00
Spiked Amount 50.000	Range 91 - 109		Recovery = 99.10%		
79) 1,4-Bromofluorobenzene	13.16	95	439327	50.98 ug/l	0.00
Spiked Amount 50.000	Range 84 - 108		Recovery = 101.96%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.92	85	221898	33.09 ug/l	90
3) Chloromethane	2.15	50	373303	37.50 ug/l	91
4) Vinyl Chloride	2.28	62	293759	38.41 ug/l	97
5) Bromomethane	2.68	94	176686	46.89 ug/l	77
6) Chloroethane	2.82	64	197676	49.57 ug/l	87
7) Trichlorofluoromethane	3.18	101	334035	46.74 ug/l	94
8) Ethanol	3.43	45	69568	465.50 ug/l	79
9) Diethyl Ether	3.59	45	198537	51.83 ug/l	99
10) Acetone	4.00	58	18781	28.11 ug/l	100
11) Iodomethane	4.14	142	163076	50.12 ug/l	96
12) 1,1-Dichloroethene	3.92	61	295360	41.98 ug/l	97
13) 1,1,2-Trichloro-1,2,2-Trif	3.95	101	183048	41.39 ug/l	99
14) Tert-Butyl Alcohol (TBA)	4.88	59	242357	186.34 ug/l	99
15) Carbon Disulfide	4.26	76	510439	39.63 ug/l	98
16) Acetonitrile	4.40	41	21215	21.14 ug/l	96
17) Acrylonitrile	5.01	53	121195	38.59 ug/l	91
18) Allyl Chloride	4.48	41	396963	41.04 ug/l	95
19) Acrolein	3.75	56	243458	68.34 ug/l	99
20) Methyl Acetate	4.53	43	187163	29.55 ug/l	98
21) Methylene Chloride	4.66	84	245770	38.21 ug/l	83
22) t-1,2-Dichloroethene	5.08	96	194369	35.32 ug/l	99
23) Isobutyl Alcohol	4.53	43	187163	29.55 ug/l	98
24) Methyl-t-Butyl Ether (MTBE	5.11	73	623976	43.20 ug/l	96
25) Hexane	5.51	57	505010	49.73 ug/l	97
26) 1,1-Dichloroethane	5.68	63	505050	51.19 ug/l	97
27) Vinyl Acetate	5.78	86	60734	43.57 ug/l #	84

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL034.D
Acq On : 22 Jul 2006 3:03 am
Sample : 06-07-1032-2G MS 5ML pH<2
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:54:35 2006

Vial: 34
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) Diisopropyl Ether (DIPE)	5.84	45	1170115	51.27 ug/l	96
29) Chloroprene	5.82	53	421841	46.02 ug/l	80
30) Ethyl-t-Butyl Ether (ETBE)	6.33	59	1070543	51.34 ug/l	99
31) c-1,2-Dichloroethene	6.49	96	339505	49.02 ug/l	90
32) 2,2-Dichloropropane	6.49	77	350700	38.70 ug/l	98
33) 2-Butanone	6.52	43	168339	35.49 ug/l	96
34) Propionitrile	6.57	54	70832	42.44 ug/l	96
35) Methacrylonitrile	6.79	41	283475	47.98 ug/l	100
36) Propanedinitrile	6.79	66	55425	44.52 ug/l	94
37) Bromochloromethane	6.81	130	192667	52.05 ug/l	100
38) Tetrahydrofuran	6.90	42	167661	43.94 ug/l	91
39) Chloroform	6.92	83	463755	48.30 ug/l	100
41) 1,1,1-Trichloroethane	7.16	97	365998	45.48 ug/l	99
42) Cyclohexane	7.25	84	540364	48.39 ug/l	94
43) 1,1-Dichloropropene	7.38	75	376130	45.74 ug/l	97
44) Carbon Tetrachloride	7.39	117	296481	44.21 ug/l	95
47) Benzene	7.64	78	1205912	45.28 ug/l	97
48) 1,2-Dichloroethane	7.66	62	373487	50.39 ug/l	99
49) Tert-Amyl-Methyl Ether (TA	7.81	73	886028	50.58 ug/l	99
50) Thiophene	7.91	84	702548	50.38 ug/l	99
51) Trichloroethene	8.46	95	298048	47.77 ug/l	96
52) 1,2-Dichloropropane	8.72	63	329659	48.24 ug/l	99
53) Methylcyclohexane	8.72	83	592122	46.37 ug/l	98
54) Dibromomethane	8.86	93	157700	47.90 ug/l	94
55) Methyl Methacrylate	8.88	69	251349	46.34 ug/l	96
56) Bromodichloromethane	9.06	83	346718	49.00 ug/l	95
57) 2-Chloroethyl Vinyl Ether	9.46	63	758	0.41 ug/l #	41
58) c-1,3-Dichloropropene	9.61	75	487014	48.63 ug/l	96
60) Toluene	10.04	91	1306152	47.71 ug/l	96
61) 4-Methyl-2-Pentanone	9.80	58	187034	45.70 ug/l	99
63) t-1,3-Dichloropropene	10.28	75	420737	48.10 ug/l	98
64) Ethyl Methacrylate	10.40	69	453874	48.81 ug/l	97
65) 1,1,2-Trichloroethane	10.50	83	227353	50.25 ug/l	98
66) Tetrachloroethene	10.72	166	330886	50.46 ug/l	95
67) 1,3-Dichloropropane	10.71	76	492081	53.08 ug/l	98
68) 2-Hexanone	10.80	58	156511	41.69 ug/l	99
69) Dibromochloromethane	11.00	129	275639	48.03 ug/l	100
70) 1,2-Dibromoethane	11.14	107	276759	48.89 ug/l	87
71) Chlorobenzene	11.75	112	904751	49.25 ug/l	97
72) 1,1,1,2-Tetrachloroethane	11.84	131	277442	48.57 ug/l	92
73) Ethylbenzene	11.88	91	1398653	47.82 ug/l	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL034.D Vial: 34
Acq On : 22 Jul 2006 3:03 am Operator:
Sample : 06-07-1032-2G MS 5ML pH<2 Inst : GCMS R
Misc : V071206E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:54:35 2006 Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	p/m-Xylene	12.03	91	2064223	91.72 ug/l	98
75)	o-Xylene	12.51	91	1104081	48.24 ug/l	98
76)	Styrene	12.53	104	880632	43.29 ug/l	97
77)	Bromoform	12.75	173	163716	45.69 ug/l	92
78)	Isopropylbenzene	12.97	105	1387993	47.81 ug/l	97
80)	1,2,3-Trichloropropane	13.38	75	483341	47.65 ug/l	94
81)	Bromobenzene	13.35	156	328551	50.28 ug/l	97
82)	1,1,2,2-Tetrachloroethane	13.31	83	411123	50.29 ug/l	93
83)	n-Propylbenzene	13.48	91	1635045	48.25 ug/l	100
84)	t-1,4-Dichloro-2-Butene	13.38	53	131678	45.14 ug/l	90
85)	2-Chlorotoluene	13.59	91	951406	47.31 ug/l	99
86)	1,3,5-Trimethylbenzene	13.70	105	1129197	46.71 ug/l	98
88)	4-Chlorotoluene	13.72	91	1094622	46.15 ug/l	97
89)	1,2,4-Trimethylbenzene	14.17	105	1113180	44.04 ug/l	98
90)	tert-Butylbenzene	14.10	119	1341567	46.43 ug/l	98
91)	p-Isopropyltoluene	14.56	119	1278925	45.46 ug/l	99
92)	sec-Butylbenzene	14.38	105	1596061	46.12 ug/l	100
93)	1,3-Dichlorobenzene	14.52	146	662375	46.68 ug/l	97
94)	1,4-Dichlorobenzene	14.63	146	651767	45.24 ug/l	98
95)	1,2-Dichlorobenzene	15.10	146	634807	48.87 ug/l	100
96)	n-Butylbenzene	15.07	91	1105704	45.06 ug/l	99
97)	1,2-Dibromo-3-Chloropropan	16.06	75	68848	46.14 ug/l	91
98)	1,2,4-Trichlorobenzene	17.15	180	428078	45.26 ug/l	99
99)	Hexachloro-1,3-Butadiene	17.40	225	194888	42.00 ug/l	95
100)	Naphthalene	17.50	128	1334143	46.46 ug/l	100
101)	1,2,3-Trichlorobenzene	17.84	180	421652	46.80 ug/l	98

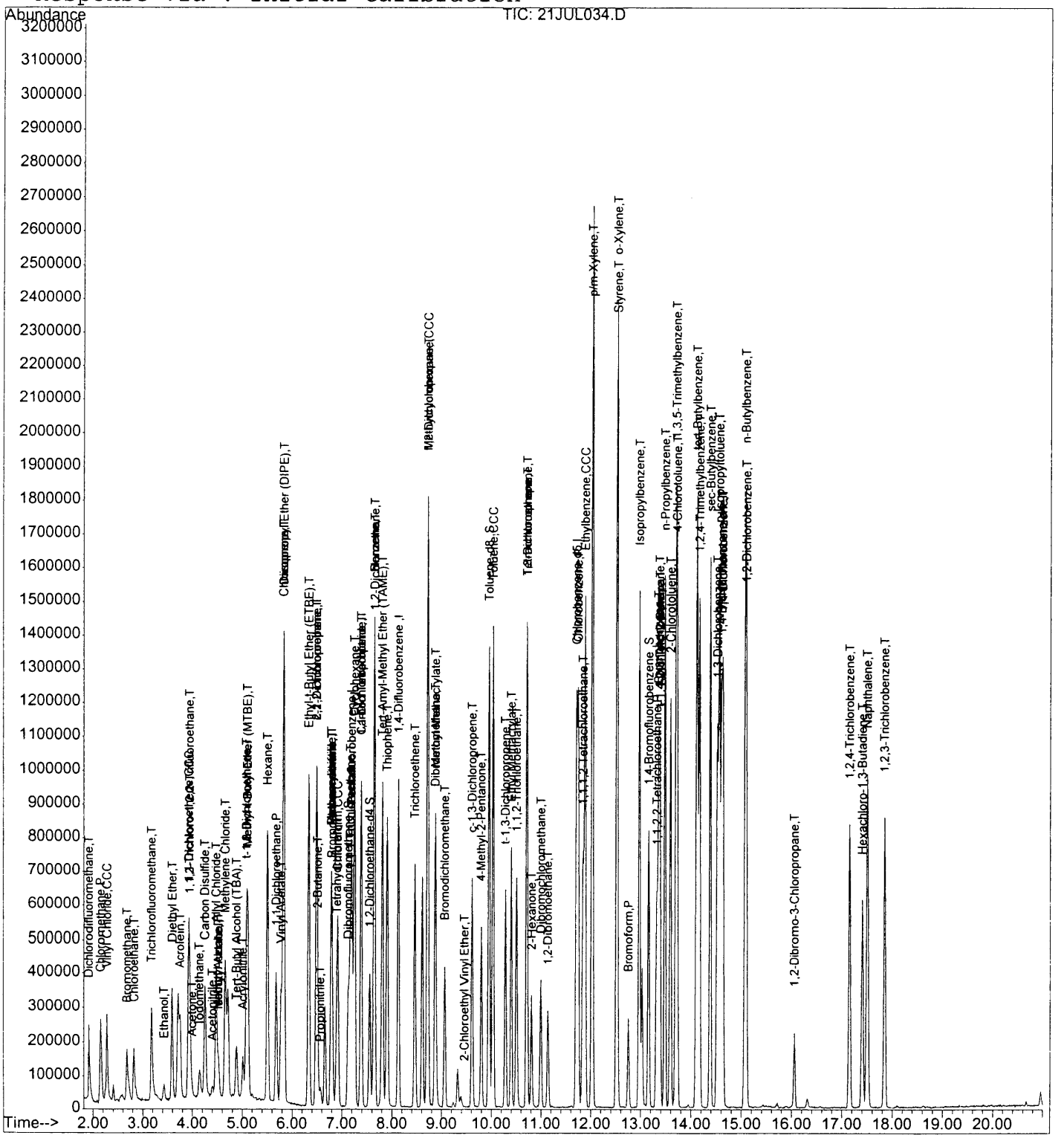
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL034.D
Acq On : 22 Jul 2006 3:03 am
Sample : 06-07-1032-2G MS 5ML pH<2
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 8:54 2006

Vial: 34
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL036.D Vial: 36
Acq On : 22 Jul 2006 4:04 am Operator:
Sample : 06-07-1032-2G MSD 5ML pH<2 Inst : GCMS R
Misc : V071206E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:54:52 2006 Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.20	168	581538	50.00 ug/l	0.00
46) 1,4-Difluorobenzene	8.13	114	1051952	50.00 ug/l	0.00
62) Chlorobenzene-d5	11.71	117	942731	50.00 ug/l	0.00
87) 1,4-Dichlorobenzene-d4	14.60	152	426804	50.00 ug/l	0.00
System Monitoring Compounds					
40) Dibromofluoromethane	7.12	113	259466	51.28 ug/l	0.00
Spiked Amount 50.000	Range 84 - 120		Recovery = 102.56%		
45) 1,2-Dichloroethane-d4	7.56	65	274248	52.76 ug/l	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.52%		
59) Toluene-d8	9.95	98	1208890	50.73 ug/l	0.00
Spiked Amount 50.000	Range 91 - 109		Recovery = 101.46%		
79) 1,4-Bromofluorobenzene	13.16	95	444669	49.60 ug/l	0.00
Spiked Amount 50.000	Range 84 - 108		Recovery = 99.20%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.92	85	233365	34.68 ug/l	96
3) Chloromethane	2.15	50	390108	39.04 ug/l	100
4) Vinyl Chloride	2.27	62	318202	41.46 ug/l	92
5) Bromomethane	2.68	94	189921	50.22 ug/l	99
6) Chloroethane	2.82	64	205289	51.29 ug/l	90
7) Trichlorofluoromethane	3.18	101	357740	49.88 ug/l	100
8) Ethanol	3.43	45	75266	501.77 ug/l	79
9) Diethyl Ether	3.60	45	208188	54.15 ug/l	96
10) Acetone	4.00	58	19210	28.64 ug/l	95
11) Iodomethane	4.15	142	169740	51.98 ug/l	98
12) 1,1-Dichloroethene	3.93	61	295839	41.89 ug/l	96
13) 1,1,2-Trichloro-1,2,2-Trif	3.95	101	188558	42.48 ug/l	98
14) Tert-Butyl Alcohol (TBA)	4.89	59	250228	191.68 ug/l	98
15) Carbon Disulfide	4.26	76	527691	40.82 ug/l	97
16) Acetonitrile	4.40	41	36926	36.66 ug/l	94
17) Acrylonitrile	5.01	53	115759	36.72 ug/l	89
18) Allyl Chloride	4.48	41	393876	40.57 ug/l	97
19) Acrolein	3.75	56	252383	70.58 ug/l	100
20) Methyl Acetate	4.53	43	191995	30.20 ug/l	99
21) Methylene Chloride	4.66	84	252834	39.16 ug/l	91
22) t-1,2-Dichloroethene	5.08	96	205274	37.17 ug/l	99
23) Isobutyl Alcohol	4.53	43	191995	30.20 ug/l	98
24) Methyl-t-Butyl Ether (MTBE	5.11	73	644100	44.42 ug/l	98
25) Hexane	5.51	57	448947	44.05 ug/l	97
26) 1,1-Dichloroethane	5.68	63	472376	47.70 ug/l	98
27) Vinyl Acetate	5.78	86	52253	37.35 ug/l	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL036.D
Acq On : 22 Jul 2006 4:04 am
Sample : 06-07-1032-2G MSD 5ML pH<2
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:54:52 2006

Vial: 36
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) Diisopropyl Ether (DIPE)	5.83	45	1072653	46.82 ug/l	97
29) Chloroprene	5.82	53	354086	38.49 ug/l	95
30) Ethyl-t-Butyl Ether (ETBE)	6.34	59	1064412	50.86 ug/l	100
31) c-1,2-Dichloroethene	6.49	96	350695	50.44 ug/l	84
32) 2,2-Dichloropropane	6.49	77	367292	40.38 ug/l	100
33) 2-Butanone	6.52	43	183340	38.51 ug/l	98
34) Propionitrile	6.57	54	75808	45.25 ug/l	91
35) Methacrylonitrile	6.78	41	282148	47.58 ug/l	99
36) Propanedinitrile	6.78	66	57446	45.97 ug/l	99
37) Bromochloromethane	6.80	130	196117	52.78 ug/l	99
38) Tetrahydrofuran	6.90	42	169344	44.22 ug/l	92
39) Chloroform	6.92	83	472395	49.02 ug/l	99
41) 1,1,1-Trichloroethane	7.16	97	382291	47.33 ug/l	95
42) Cyclohexane	7.25	84	566021	50.50 ug/l	93
43) 1,1-Dichloropropene	7.38	75	391417	47.42 ug/l	94
44) Carbon Tetrachloride	7.39	117	312345	46.41 ug/l	93
47) Benzene	7.64	78	1271900	46.43 ug/l	99
48) 1,2-Dichloroethane	7.66	62	382496	50.16 ug/l	98
49) Tert-Amyl-Methyl Ether (TA	7.81	73	899214	49.90 ug/l	99
50) Thiophene	7.90	84	703374	49.03 ug/l	98
51) Trichloroethene	8.46	95	306342	47.73 ug/l	96
52) 1,2-Dichloropropane	8.72	63	327773	46.63 ug/l	96
53) Methylcyclohexane	8.71	83	614428	46.78 ug/l	99
54) Dibromomethane	8.87	93	163094	48.16 ug/l	92
55) Methyl Methacrylate	8.88	69	243426	43.63 ug/l	99
56) Bromodichloromethane	9.06	83	350562	48.17 ug/l	99
57) 2-Chloroethyl Vinyl Ether	9.45	63	207	0.11 ug/l #	41
58) c-1,3-Dichloropropene	9.62	75	494978	48.04 ug/l	98
60) Toluene	10.04	91	1352920	48.05 ug/l	99
61) 4-Methyl-2-Pentanone	9.80	58	196735	46.73 ug/l	98
63) t-1,3-Dichloropropene	10.28	75	439967	48.35 ug/l	96
64) Ethyl Methacrylate	10.40	69	421236	43.54 ug/l	96
65) 1,1,2-Trichloroethane	10.51	83	233683	49.64 ug/l	89
66) Tetrachloroethene	10.71	166	337631	49.50 ug/l	96
67) 1,3-Dichloropropane	10.71	76	506399	52.51 ug/l	94
68) 2-Hexanone	10.81	58	163692	41.92 ug/l	89
69) Dibromochloromethane	10.99	129	282336	47.29 ug/l	94
70) 1,2-Dibromoethane	11.13	107	286323	48.62 ug/l	94
71) Chlorobenzene	11.75	112	943532	49.37 ug/l	100
72) 1,1,1,2-Tetrachloroethane	11.84	131	292425	49.21 ug/l	95
73) Ethylbenzene	11.88	91	1428693	46.96 ug/l	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072106\21JUL036.D Vial: 36
Acq On : 22 Jul 2006 4:04 am Operator:
Sample : 06-07-1032-2G MSD 5ML pH<2 Inst : GCMS R
Misc : V071206E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:54:52 2006 Quant Results File: 060720.RES

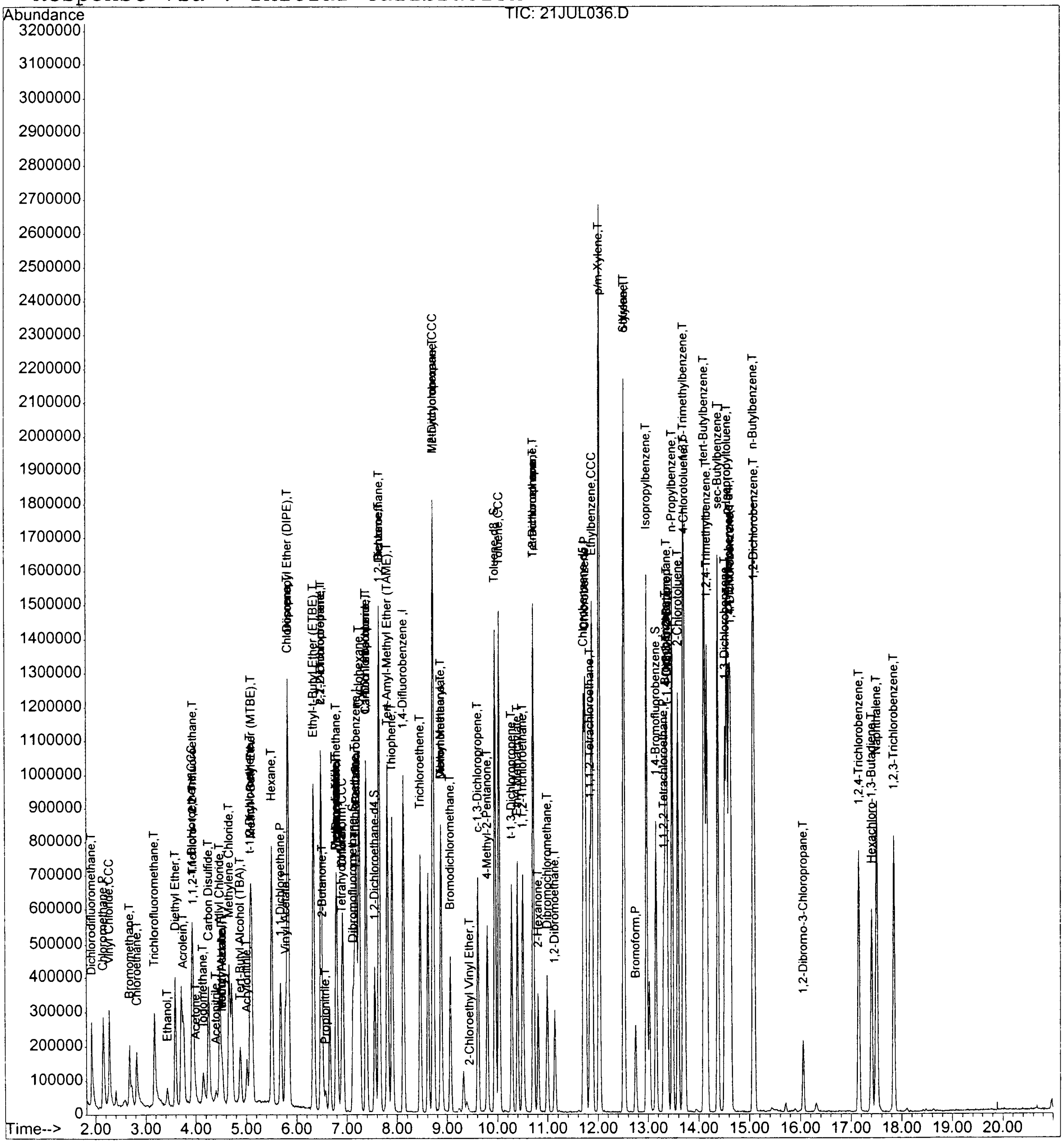
Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	p/m-Xylene	12.03	91	2100583	89.72 ug/l	99
75)	o-Xylene	12.51	91	1124011	47.21 ug/l	100
76)	Styrene	12.52	104	677428	32.01 ug/l	93
77)	Bromoform	12.75	173	170957	45.86 ug/l	96
78)	Isopropylbenzene	12.97	105	1434750	47.51 ug/l	96
80)	1,2,3-Trichloropropane	13.38	75	514519	48.76 ug/l	99
81)	Bromobenzene	13.35	156	340678	50.11 ug/l	98
82)	1,1,2,2-Tetrachloroethane	13.31	83	415517	48.85 ug/l	95
83)	n-Propylbenzene	13.48	91	1654674	46.93 ug/l	99
84)	t-1,4-Dichloro-2-Butene	13.38	53	136336	44.92 ug/l	93
85)	2-Chlorotoluene	13.59	91	977813	46.74 ug/l	99
86)	1,3,5-Trimethylbenzene	13.70	105	1103467	43.88 ug/l	97
88)	4-Chlorotoluene	13.72	91	1092374	45.48 ug/l	96
89)	1,2,4-Trimethylbenzene	14.16	105	1002657	39.18 ug/l	100
90)	tert-Butylbenzene	14.10	119	1341770	45.86 ug/l	95
91)	p-Isopropyltoluene	14.56	119	1288587	45.23 ug/l	98
92)	sec-Butylbenzene	14.38	105	1633048	46.60 ug/l	99
93)	1,3-Dichlorobenzene	14.52	146	668576	46.53 ug/l	95
94)	1,4-Dichlorobenzene	14.63	146	676012	46.34 ug/l	98
95)	1,2-Dichlorobenzene	15.10	146	625714	47.58 ug/l	99
96)	n-Butylbenzene	15.07	91	1104480	44.46 ug/l	98
97)	1,2-Dibromo-3-Chloropropan	16.06	75	67459	44.65 ug/l	96
98)	1,2,4-Trichlorobenzene	17.15	180	406321	42.42 ug/l	97
99)	Hexachloro-1,3-Butadiene	17.40	225	198865	42.33 ug/l	99
100)	Naphthalene	17.50	128	1240436	42.66 ug/l	100
101)	1,2,3-Trichlorobenzene	17.84	180	401113	43.97 ug/l	98

(#) = qualifier out of range (m) = manual integration

Data File : D:\DATA\072106\21JUL036.D Vial: 36
Acq On : 22 Jul 2006 4:04 am Operator:
Sample : 06-07-1032-2G MSD 5ML pH<2 Inst : GCMS R
Misc : V071206E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 8:54 2006 Quant Results File: 060720.RES

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL031.D Vial: 31
Acq On : 22 Jul 2006 1:32 am Operator:
Sample : MB Inst : GCMS R
Misc : V071206E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:54:13 2006 Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

BS 07/22/06

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.20	168	572596	50.00 ug/l	0.00
46) 1,4-Difluorobenzene	8.13	114	997089	50.00 ug/l	0.00
62) Chlorobenzene-d5	11.71	117	891697	50.00 ug/l	0.00
87) 1,4-Dichlorobenzene-d4	14.60	152	406221	50.00 ug/l	0.00
System Monitoring Compounds					
40) Dibromofluoromethane	7.13	113	248296	49.84 ug/l	0.00
Spiked Amount 50.000	Range 84 - 120		Recovery = 99.68%		
45) 1,2-Dichloroethane-d4	7.56	65	254649	49.76 ug/l	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.52%		
59) Toluene-d8	9.95	98	1143164	50.61 ug/l	0.00
Spiked Amount 50.000	Range 91 - 109		Recovery = 101.22%		
79) 1,4-Bromofluorobenzene	13.16	95	421296	49.68 ug/l	0.00
Spiked Amount 50.000	Range 84 - 108		Recovery = 99.36%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.92	85	338	N.D.	
3) Chloromethane	2.16	50	912	N.D.	
4) Vinyl Chloride	2.39	62	521	N.D.	
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	2.93	64	190	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Ethanol	0.00	45	0	N.D. d	
9) Diethyl Ether	0.00	45	0	N.D. d	
10) Acetone	4.00	58	732	1.11 ug/l #	1
11) Iodomethane	4.11	142	168	N.D.	
12) 1,1-Dichloroethene	0.00	61	0	N.D.	
13) 1,1,2-Trichloro-1,2,2-Trif	0.00	101	0	N.D.	
14) Tert-Butyl Alcohol (TBA)	0.00	59	0	N.D. d	
15) Carbon Disulfide	4.25	76	1170	N.D.	
16) Acetonitrile	0.00	41	0	N.D. d	
17) Acrylonitrile	0.00	53	0	N.D. d	
18) Allyl Chloride	4.49	41	412	N.D.	
19) Acrolein	0.00	56	0	N.D. d	
20) Methyl Acetate	0.00	43	0	N.D. d	
21) Methylene Chloride	4.66	84	61661	9.70 ug/l	81
22) t-1,2-Dichloroethene	5.09	96	159	N.D.	
23) Isobutyl Alcohol	0.00	43	0	N.D. d	
24) Methyl-t-Butyl Ether (MTBE	5.19	73	165	N.D.	
25) Hexane	5.51	57	6696	0.67 ug/l	89
26) 1,1-Dichloroethane	5.65	63	284	N.D.	
27) Vinyl Acetate	0.00	86	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL031.D Vial: 31
Acq On : 22 Jul 2006 1:32 am Operator:
Sample : MB Inst : GCMS R
Misc : V071206E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:54:13 2006 Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28)	Diisopropyl Ether (DIPE)	5.71	45	479	N.D.	
29)	Chloroprene	5.82	53	327	N.D.	
30)	Ethyl-t-Butyl Ether (ETBE)	0.00	59	0	N.D.	
31)	c-1,2-Dichloroethene	6.48	96	175	N.D.	
32)	2,2-Dichloropropane	6.47	77	193	N.D.	
33)	2-Butanone	0.00	43	0	N.D. d	
34)	Propionitrile	0.00	54	0	N.D. d	
35)	Methacrylonitrile	6.78	41	377	N.D.	
36)	Propanedinitrile	0.00	66	0	N.D. d	
37)	Bromochloromethane	0.00	130	0	N.D.	
38)	Tetrahydrofuran	6.90	42	232	N.D.	
39)	Chloroform	0.00	83	0	N.D.	
41)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
42)	Cyclohexane	7.20	84	19672	1.78 ug/l #	39
43)	1,1-Dichloropropene	0.00	75	0	N.D.	
44)	Carbon Tetrachloride	0.00	117	0	N.D.	
47)	Benzene	7.65	78	545	N.D.	
48)	1,2-Dichloroethane	0.00	62	0	N.D.	
49)	Tert-Amyl-Methyl Ether (TA	0.00	73	0	N.D.	
50)	Thiophene	0.00	84	0	N.D.	
51)	Trichloroethene	8.49	95	171	N.D.	
52)	1,2-Dichloropropane	0.00	63	0	N.D.	
53)	Methylcyclohexane	8.80	83	164	N.D.	
54)	Dibromomethane	0.00	93	0	N.D.	
55)	Methyl Methacrylate	0.00	69	0	N.D.	
56)	Bromodichloromethane	0.00	83	0	N.D.	
57)	2-Chloroethyl Vinyl Ether	9.41	63	168	N.D.	
58)	c-1,3-Dichloropropene	0.00	75	0	N.D.	
60)	Toluene	10.02	91	1340	N.D.	
61)	4-Methyl-2-Pentanone	9.90	58	162	N.D.	
63)	t-1,3-Dichloropropene	0.00	75	0	N.D.	
64)	Ethyl Methacrylate	10.42	69	223	N.D.	
65)	1,1,2-Trichloroethane	0.00	83	0	N.D.	
66)	Tetrachloroethene	0.00	166	0	N.D.	
67)	1,3-Dichloropropane	0.00	76	0	N.D.	
68)	2-Hexanone	0.00	58	0	N.D.	
69)	Dibromochloromethane	11.03	129	179	N.D.	
70)	1,2-Dibromoethane	11.11	107	360	N.D.	
71)	Chlorobenzene	11.76	112	357	N.D.	
72)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
73)	Ethylbenzene	11.87	91	227	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL031.D Vial: 31
Acq On : 22 Jul 2006 1:32 am Operator:
Sample : MB Inst : GCMS R
Misc : V071206E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:54:13 2006 Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	p/m-Xylene	12.02	91	1907	N.D.	
75)	o-Xylene	12.50	91	477	N.D.	
76)	Styrene	12.52	104	536	N.D.	
77)	Bromoform	0.00	173	0	N.D.	
78)	Isopropylbenzene	12.96	105	646	N.D.	
80)	1,2,3-Trichloropropane	13.38	75	171	N.D.	
81)	Bromobenzene	0.00	156	0	N.D.	
82)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
83)	n-Propylbenzene	13.47	91	775	N.D.	
84)	t-1,4-Dichloro-2-Butene	0.00	53	0	N.D.	
85)	2-Chlorotoluene	13.59	91	745	N.D.	
86)	1,3,5-Trimethylbenzene	13.70	105	650	N.D.	
88)	4-Chlorotoluene	13.72	91	578	N.D.	
89)	1,2,4-Trimethylbenzene	14.17	105	603	N.D.	
90)	tert-Butylbenzene	14.11	119	161	N.D.	
91)	p-Isopropyltoluene	0.00	119	0	N.D.	
92)	sec-Butylbenzene	14.37	105	383	N.D.	
93)	1,3-Dichlorobenzene	14.52	146	459	N.D.	
94)	1,4-Dichlorobenzene	14.61	146	168	N.D.	
95)	1,2-Dichlorobenzene	15.11	146	168	N.D.	
96)	n-Butylbenzene	15.08	91	1618	N.D.	
97)	1,2-Dibromo-3-Chloropropan	0.00	75	0	N.D.	
98)	1,2,4-Trichlorobenzene	17.15	180	346	N.D.	
99)	Hexachloro-1,3-Butadiene	0.00	225	0	N.D.	
100)	Naphthalene	17.51	128	6295	0.23 ug/l	77
101)	1,2,3-Trichlorobenzene	17.85	180	335	N.D.	

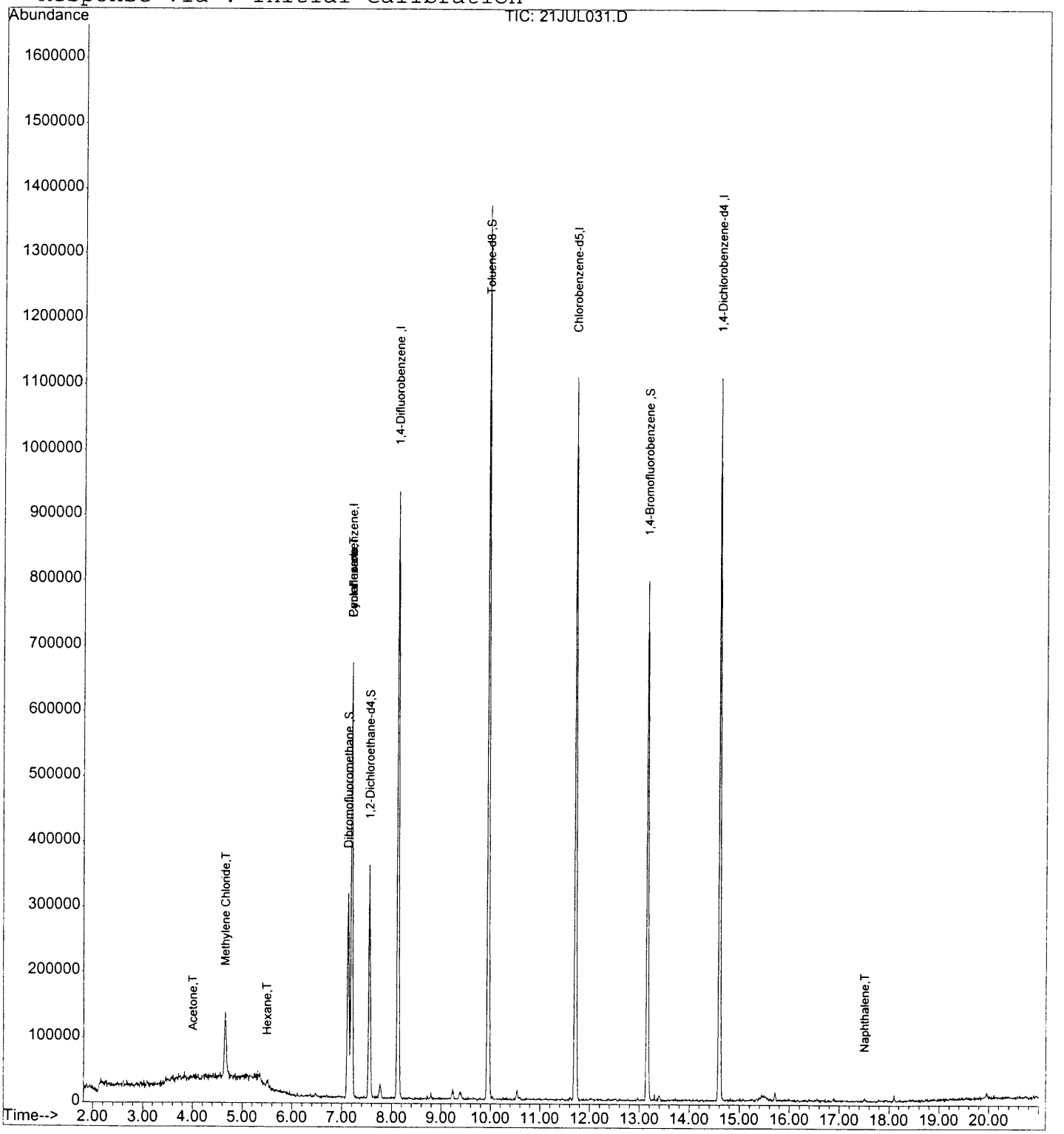
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL031.D
Acq On : 22 Jul 2006 1:32 am
Sample : MB
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 9:58 2006

Vial: 31
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL044.D
Acq On : 22 Jul 2006 8:08 am
Sample : 06-07-1032-1D 5ML pH<2
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:55:53 2006

Vial: 44
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

RS 07/22/06

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.20	168	558034	50.00 ug/l	0.00
46) 1,4-Difluorobenzene	8.13	114	978558	50.00 ug/l	0.00
62) Chlorobenzene-d5	11.71	117	869733	50.00 ug/l	0.00
87) 1,4-Dichlorobenzene-d4	14.60	152	396803	50.00 ug/l	0.00
System Monitoring Compounds					
40) Dibromofluoromethane	7.13	113	242116	49.87 ug/l	0.00
Spiked Amount 50.000	Range 84 - 120		Recovery = 99.74%		
45) 1,2-Dichloroethane-d4	7.55	65	250176	50.16 ug/l	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.32%		
59) Toluene-d8	9.95	98	1117073	50.39 ug/l	0.00
Spiked Amount 50.000	Range 91 - 109		Recovery = 100.78%		
79) 1,4-Bromofluorobenzene	13.16	95	418684	50.62 ug/l	0.00
Spiked Amount 50.000	Range 84 - 108		Recovery = 101.24%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.92	85	641	N.D.	
3) Chloromethane	2.15	50	226	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	2.72	64	259	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Ethanol	0.00	45	0	N.D. d	
9) Diethyl Ether	0.00	45	0	N.D. d	
10) Acetone	3.99	58	1534	2.38 ug/l #	1
11) Iodomethane	0.00	142	0	N.D.	
12) 1,1-Dichloroethene	4.02	61	190	N.D.	
13) 1,1,2-Trichloro-1,2,2-Trif	3.96	101	175	N.D.	
14) Tert-Butyl Alcohol (TBA)	4.90	59	223	0.18 ug/l #	1
15) Carbon Disulfide	0.00	76	0	N.D. d	
16) Acetonitrile	4.40	41	4992	5.17 ug/l	79
17) Acrylonitrile	5.01	53	266	N.D.	
18) Allyl Chloride	4.51	41	863	N.D.	
19) Acrolein	0.00	56	0	N.D. d	
20) Methyl Acetate	0.00	43	0	N.D. d	
21) Methylene Chloride	4.66	84	43662	7.05 ug/l	76
22) t-1,2-Dichloroethene	4.98	96	359	N.D.	
23) Isobutyl Alcohol	0.00	43	0	N.D. d	
24) Methyl-t-Butyl Ether (MTBE	0.00	73	0	N.D.	
25) Hexane	5.52	57	5729	0.59 ug/l #	52
26) 1,1-Dichloroethane	5.65	63	356	N.D.	
27) Vinyl Acetate	0.00	86	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL044.D
Acq On : 22 Jul 2006 8:08 am
Sample : 06-07-1032-1D 5ML pH<2
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:55:53 2006

Vial: 44
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) Diisopropyl Ether (DIPE)	0.00	45	0	N.D. d	
29) Chloroprene	5.82	53	202	N.D.	
30) Ethyl-t-Butyl Ether (ETBE)	0.00	59	0	N.D.	
31) c-1,2-Dichloroethene	0.00	96	0	N.D.	
32) 2,2-Dichloropropane	6.46	77	786	N.D.	
33) 2-Butanone	0.00	43	0	N.D. d	
34) Propionitrile	0.00	54	0	N.D.	
35) Methacrylonitrile	6.80	41	167	N.D.	
36) Propanedinitrile	0.00	66	0	N.D.	
37) Bromochloromethane	0.00	130	0	N.D.	
38) Tetrahydrofuran	0.00	42	0	N.D. d	
39) Chloroform	6.92	83	2021	0.22 ug/l	93
41) 1,1,1-Trichloroethane	7.16	97	157	N.D.	
42) Cyclohexane	7.20	84	21147	1.97 ug/l #	39
43) 1,1-Dichloropropene	0.00	75	0	N.D.	
44) Carbon Tetrachloride	0.00	117	0	N.D.	
47) Benzene	7.66	78	896	N.D.	
48) 1,2-Dichloroethane	0.00	62	0	N.D.	
49) Tert-Amyl-Methyl Ether (TA	0.00	73	0	N.D.	
50) Thiophene	0.00	84	0	N.D.	
51) Trichloroethene	8.46	95	678	0.11 ug/l #	1
52) 1,2-Dichloropropane	8.65	63	160	N.D.	
53) Methylcyclohexane	0.00	83	0	N.D.	
54) Dibromomethane	0.00	93	0	N.D.	
55) Methyl Methacrylate	8.97	69	158	N.D.	
56) Bromodichloromethane	0.00	83	0	N.D.	
57) 2-Chloroethyl Vinyl Ether	0.00	63	0	N.D.	
58) c-1,3-Dichloropropene	0.00	75	0	N.D.	
60) Toluene	10.04	91	5590	0.21 ug/l	100
61) 4-Methyl-2-Pentanone	9.76	58	212	N.D.	
63) t-1,3-Dichloropropene	0.00	75	0	N.D.	
64) Ethyl Methacrylate	10.40	69	189	N.D.	
65) 1,1,2-Trichloroethane	0.00	83	0	N.D.	
66) Tetrachloroethene	10.72	166	25588	4.07 ug/l	90
67) 1,3-Dichloropropane	0.00	76	0	N.D.	
68) 2-Hexanone	10.89	58	264	N.D.	
69) Dibromochloromethane	0.00	129	0	N.D.	
70) 1,2-Dibromoethane	0.00	107	0	N.D.	
71) Chlorobenzene	0.00	112	0	N.D.	
72) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
73) Ethylbenzene	11.88	91	756	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL044.D
Acq On : 22 Jul 2006 8:08 am
Sample : 06-07-1032-1D 5ML pH<2
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:55:53 2006

Vial: 44
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	p/m-Xylene	12.03	91	2540	0.12 ug/l	79
75)	o-Xylene	12.52	91	739	N.D.	
76)	Styrene	0.00	104	0	N.D.	
77)	Bromoform	0.00	173	0	N.D.	
78)	Isopropylbenzene	0.00	105	0	N.D.	
80)	1,2,3-Trichloropropane	13.40	75	198	N.D.	
81)	Bromobenzene	0.00	156	0	N.D.	
82)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
83)	n-Propylbenzene	13.48	91	544	N.D.	
84)	t-1,4-Dichloro-2-Butene	0.00	53	0	N.D.	
85)	2-Chlorotoluene	13.60	91	190	N.D.	
86)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
88)	4-Chlorotoluene	13.72	91	190	N.D.	
89)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
90)	tert-Butylbenzene	0.00	119	0	N.D.	
91)	p-Isopropyltoluene	0.00	119	0	N.D.	
92)	sec-Butylbenzene	0.00	105	0	N.D.	
93)	1,3-Dichlorobenzene	14.52	146	163	N.D.	
94)	1,4-Dichlorobenzene	14.64	146	335	N.D.	
95)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
96)	n-Butylbenzene	15.07	91	200	N.D.	
97)	1,2-Dibromo-3-Chloropropan	16.11	75	177	0.13 ug/l #	1
98)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
99)	Hexachloro-1,3-Butadiene	0.00	225	0	N.D.	
100)	Naphthalene	17.50	128	2261	N.D.	
101)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

(#) = qualifier out of range (m) = manual integration

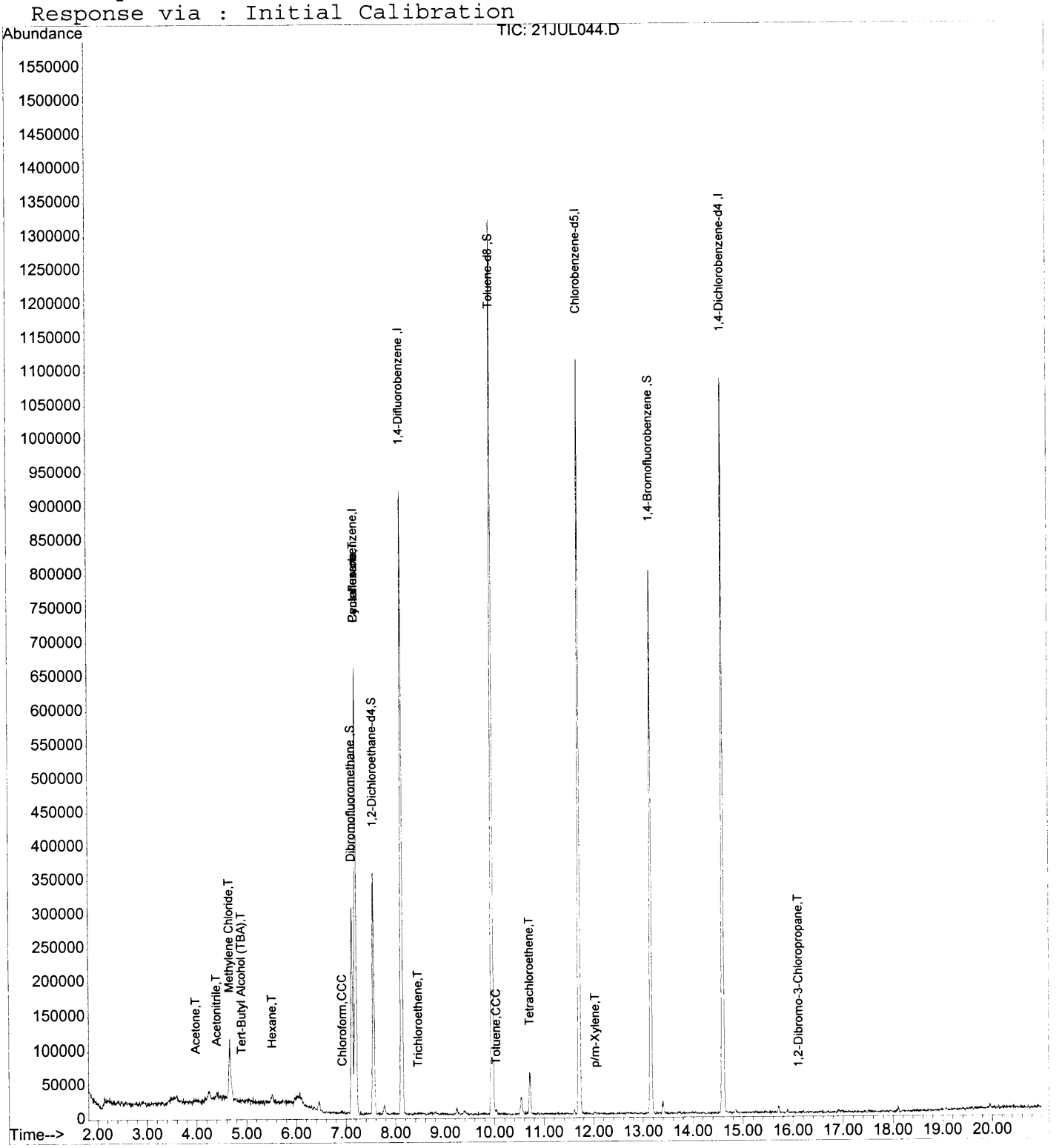
Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL044.D
Acq On : 22 Jul 2006 8:08 am
Sample : 06-07-1032-1D 5ML pH<2
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 11:07 2006

Vial: 44
Operator:
Inst : GCMS R
Multiplr: 1.00

Quant Results File: 060720.RES

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration

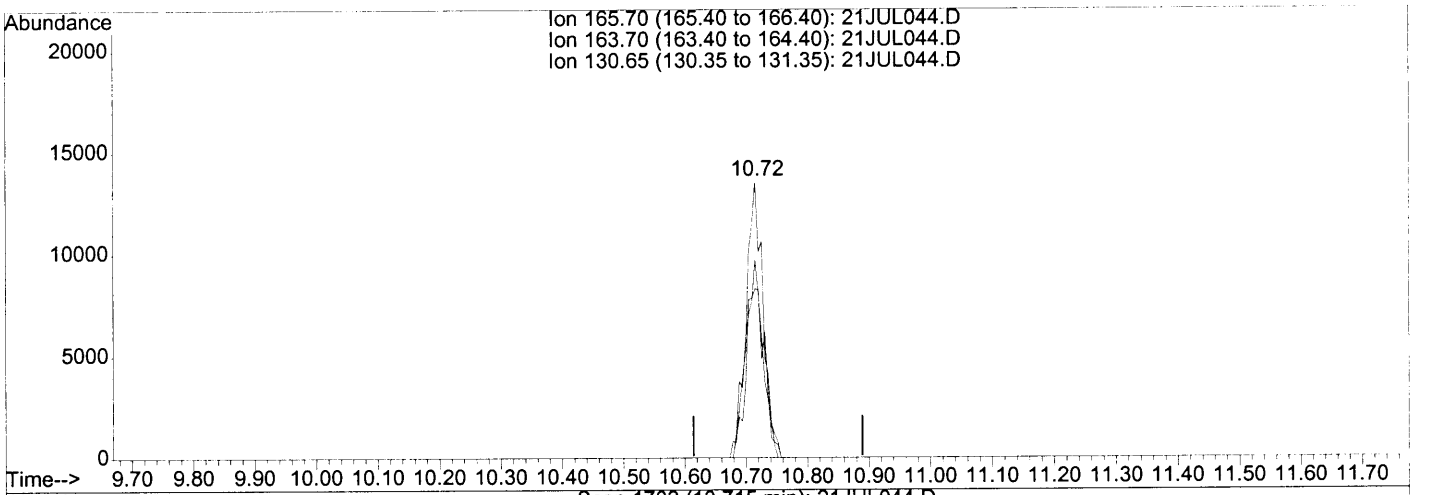


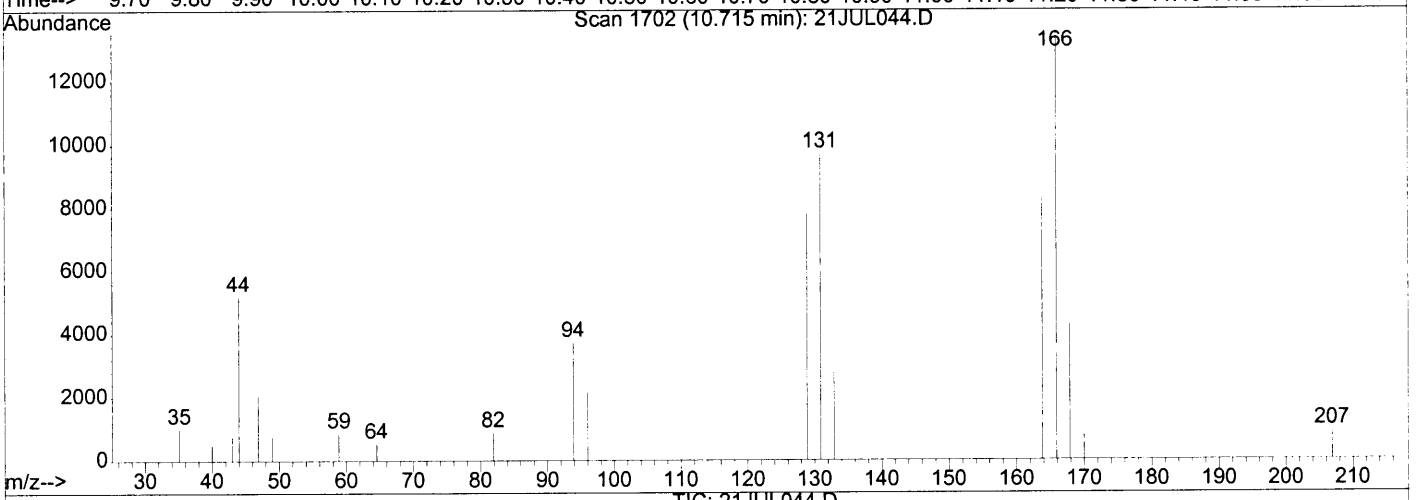
Quantitation Report (Qedit)

Data File : D:\DATA\072106\21JUL044.D
Acq On : 22 Jul 2006 8:08 am
Sample : 06-07-1032-1D 5ML pH<2
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 11:07 2006

Vial: 44
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Tue Jul 25 10:22:34 2006
Response via : Multiple Level Calibration





TIC: 21JUL044.D

(66) Tetrachloroethene (T)

10.72min 4.07ug/l

response 25588

Ion	Exp%	Act%
165.70	100	100
163.70	74.80	61.16
130.65	74.20	71.56
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL033.D
Acq On : 22 Jul 2006 2:32 am
Sample : 06-07-1032-2G 5ML pH<2
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:54:28 2006

Vial: 33
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

RS 07/22/06

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.20	168	570735	50.00 ug/l	0.00
46) 1,4-Difluorobenzene	8.13	114	1028943	50.00 ug/l	0.00
62) Chlorobenzene-d5	11.71	117	910345	50.00 ug/l	0.00
87) 1,4-Dichlorobenzene-d4	14.60	152	420332	50.00 ug/l	0.00
System Monitoring Compounds					
40) Dibromofluoromethane	7.13	113	260666	52.50 ug/l	0.00
Spiked Amount 50.000	Range 84 - 120		Recovery = 105.00%		
45) 1,2-Dichloroethane-d4	7.56	65	272573	53.43 ug/l	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.86%		
59) Toluene-d8	9.95	98	1136904	48.78 ug/l	0.00
Spiked Amount 50.000	Range 91 - 109		Recovery = 97.56%		
79) 1,4-Bromofluorobenzene	13.16	95	423965	48.97 ug/l	0.00
Spiked Amount 50.000	Range 84 - 108		Recovery = 97.94%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.92	85	441	N.D.	
3) Chloromethane	2.16	50	210	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	2.85	64	166	N.D.	
7) Trichlorofluoromethane	3.18	101	192	N.D.	
8) Ethanol	0.00	45	0	N.D. d	
9) Diethyl Ether	0.00	45	0	N.D. d	
10) Acetone	4.04	58	161	0.24 ug/l	87
11) Iodomethane	4.12	142	160	N.D.	
12) 1,1-Dichloroethene	4.02	61	168	N.D.	
13) 1,1,2-Trichloro-1,2,2-Trif	0.00	101	0	N.D.	
14) Tert-Butyl Alcohol (TBA)	4.90	59	331	0.26 ug/l #	1
15) Carbon Disulfide	4.25	76	1006	N.D.	
16) Acetonitrile	0.00	41	0	N.D. d	
17) Acrylonitrile	0.00	53	0	N.D. d	
18) Allyl Chloride	0.00	41	0	N.D. d	
19) Acrolein	0.00	56	0	N.D. d	
20) Methyl Acetate	0.00	43	0	N.D. d	
21) Methylene Chloride	4.66	84	55027	8.68 ug/l	98
22) t-1,2-Dichloroethene	5.10	96	179	N.D.	
23) Isobutyl Alcohol	0.00	43	0	N.D. d	
24) Methyl-t-Butyl Ether (MTBE	0.00	73	0	N.D.	
25) Hexane	5.51	57	5605	0.56 ug/l #	16
26) 1,1-Dichloroethane	5.69	63	206	N.D.	
27) Vinyl Acetate	0.00	86	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL033.D
Acq On : 22 Jul 2006 2:32 am
Sample : 06-07-1032-2G 5ML pH<2
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:54:28 2006

Vial: 33
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) Diisopropyl Ether (DIPE)	0.00	45	0	N.D. d	
29) Chloroprene	5.84	53	178	N.D.	
30) Ethyl-t-Butyl Ether (ETBE)	0.00	59	0	N.D.	
31) c-1,2-Dichloroethene	6.49	96	200	N.D.	
32) 2,2-Dichloropropane	6.50	77	242	N.D.	
33) 2-Butanone	0.00	43	0	N.D. d	
34) Propionitrile	0.00	54	0	N.D.	
35) Methacrylonitrile	6.77	41	196	N.D.	
36) Propanedinitrile	0.00	66	0	N.D. d	
37) Bromochloromethane	0.00	130	0	N.D.	
38) Tetrahydrofuran	0.00	42	0	N.D. d	
39) Chloroform	6.91	83	2043	0.22 ug/l #	18
41) 1,1,1-Trichloroethane	7.16	97	217	N.D.	
42) Cyclohexane	7.19	84	20803	1.89 ug/l #	42
43) 1,1-Dichloropropene	0.00	75	0	N.D.	
44) Carbon Tetrachloride	0.00	117	0	N.D.	
47) Benzene	7.63	78	159	N.D.	
48) 1,2-Dichloroethane	0.00	62	0	N.D.	
49) Tert-Amyl-Methyl Ether (TA	0.00	73	0	N.D.	
50) Thiophene	0.00	84	0	N.D.	
51) Trichloroethene	8.45	95	166	N.D.	
52) 1,2-Dichloropropane	0.00	63	0	N.D.	
53) Methylcyclohexane	8.72	83	190	N.D.	
54) Dibromomethane	0.00	93	0	N.D.	
55) Methyl Methacrylate	8.94	69	195	N.D.	
56) Bromodichloromethane	0.00	83	0	N.D.	
57) 2-Chloroethyl Vinyl Ether	0.00	63	0	N.D.	
58) c-1,3-Dichloropropene	0.00	75	0	N.D.	
60) Toluene	10.03	91	4960	0.18 ug/l	65
61) 4-Methyl-2-Pentanone	0.00	58	0	N.D.	
63) t-1,3-Dichloropropene	0.00	75	0	N.D.	
64) Ethyl Methacrylate	10.47	69	163	N.D.	
65) 1,1,2-Trichloroethane	0.00	83	0	N.D.	
66) Tetrachloroethene	10.72	166	25198	3.83 ug/l	91
67) 1,3-Dichloropropane	0.00	76	0	N.D.	
68) 2-Hexanone	10.82	58	163	N.D.	
69) Dibromochloromethane	0.00	129	0	N.D.	
70) 1,2-Dibromoethane	0.00	107	0	N.D.	
71) Chlorobenzene	11.75	112	244	N.D.	
72) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
73) Ethylbenzene	11.89	91	958	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL033.D
Acq On : 22 Jul 2006 2:32 am
Sample : 06-07-1032-2G 5ML pH<2
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 08:54:28 2006

Vial: 33
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	p/m-Xylene	12.03	91	2752	0.12 ug/l	90
75)	o-Xylene	12.51	91	772	N.D.	
76)	Styrene	12.54	104	233	N.D.	
77)	Bromoform	0.00	173	0	N.D.	
78)	Isopropylbenzene	0.00	105	0	N.D.	
80)	1,2,3-Trichloropropane	0.00	75	0	N.D.	
81)	Bromobenzene	0.00	156	0	N.D.	
82)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
83)	n-Propylbenzene	13.49	91	326	N.D.	
84)	t-1,4-Dichloro-2-Butene	0.00	53	0	N.D.	
85)	2-Chlorotoluene	13.60	91	194	N.D.	
86)	1,3,5-Trimethylbenzene	13.69	105	161	N.D.	
88)	4-Chlorotoluene	0.00	91	0	N.D.	
89)	1,2,4-Trimethylbenzene	14.17	105	446	N.D.	
90)	tert-Butylbenzene	0.00	119	0	N.D.	
91)	p-Isopropyltoluene	14.56	119	170	N.D.	
92)	sec-Butylbenzene	14.40	105	164	N.D.	
93)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
94)	1,4-Dichlorobenzene	14.62	146	163	N.D.	
95)	1,2-Dichlorobenzene	15.11	146	180	N.D.	
96)	n-Butylbenzene	15.07	91	349	N.D.	
97)	1,2-Dibromo-3-Chloropropan	0.00	75	0	N.D.	
98)	1,2,4-Trichlorobenzene	17.16	180	163	N.D.	
99)	Hexachloro-1,3-Butadiene	0.00	225	0	N.D.	
100)	Naphthalene	17.51	128	3026	0.11 ug/l	96
101)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

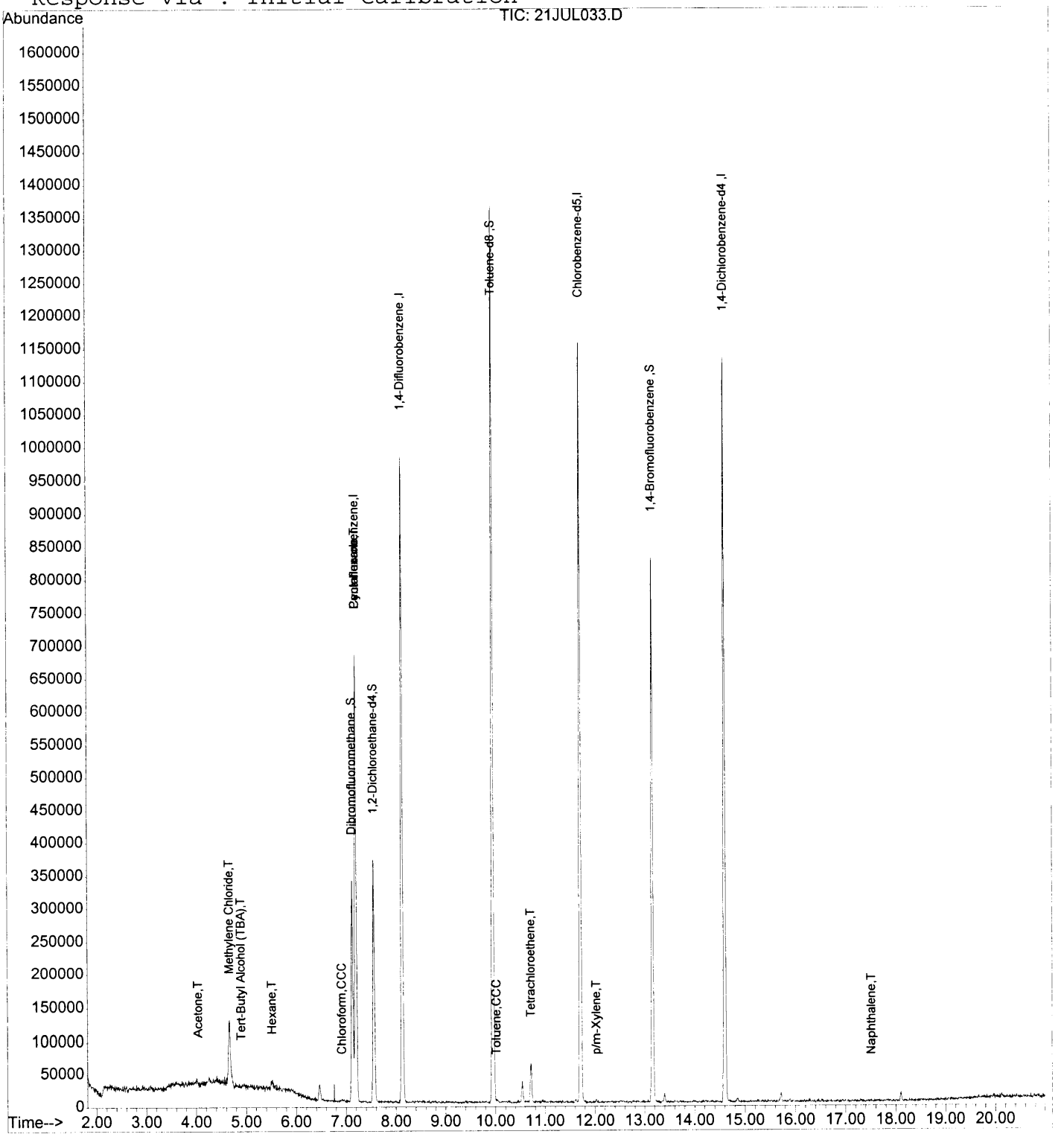
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL033.D
Acq On : 22 Jul 2006 2:32 am
Sample : 06-07-1032-2G 5ML pH<2
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 11:06 2006

Vial: 33
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration

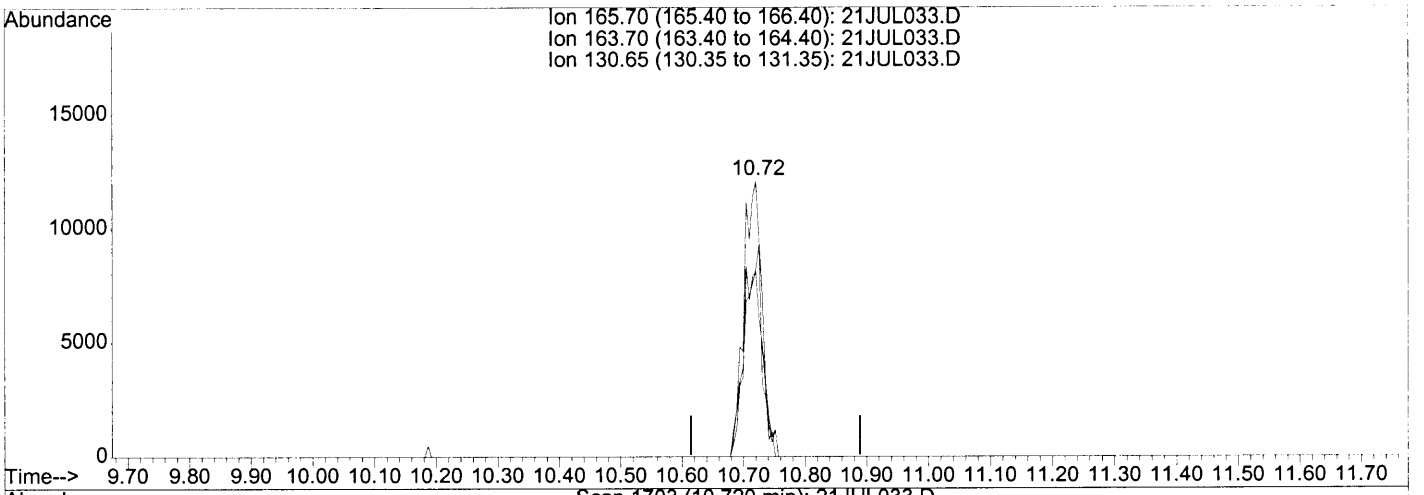


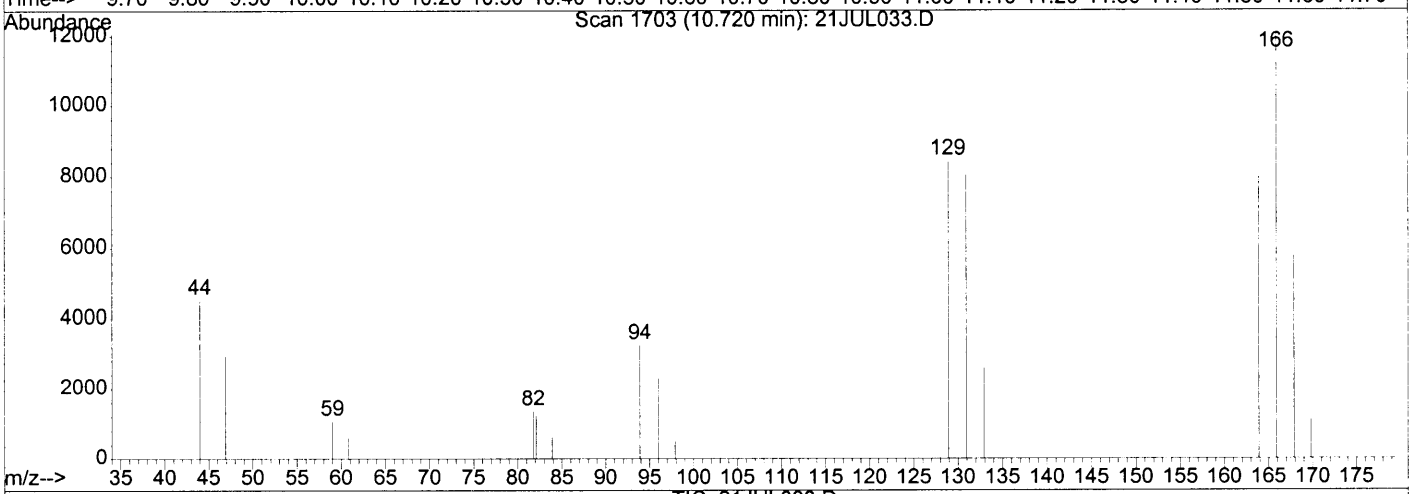
Quantitation Report (Qedit)

Data File : D:\DATA\072106\21JUL033.D
Acq On : 22 Jul 2006 2:32 am
Sample : 06-07-1032-2G 5ML pH<2
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 11:06 2006

Vial: 33
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Tue Jul 25 10:22:34 2006
Response via : Multiple Level Calibration





TIC: 21JUL033.D

(66) Tetrachloroethene (T)

10.72min 3.83ug/l

response 25198

Ion	Exp%	Act%
165.70	100	100
163.70	74.80	67.72
130.65	74.20	66.55
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL045.D
Acq On : 22 Jul 2006 8:39 am
Sample : 06-07-1032-3D 5ML pH<2
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 09:07:25 2006

Vial: 45
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

RS 07/22/06

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.20	168	593622	50.00 ug/l	0.00
46) 1,4-Difluorobenzene	8.13	114	1047289	50.00 ug/l	0.00
62) Chlorobenzene-d5	11.71	117	925526	50.00 ug/l	0.00
87) 1,4-Dichlorobenzene-d4	14.60	152	431328	50.00 ug/l	0.00
System Monitoring Compounds					
40) Dibromofluoromethane	7.13	113	261423	50.62 ug/l	0.00
Spiked Amount 50.000	Range 84 - 120		Recovery = 101.24%		
45) 1,2-Dichloroethane-d4	7.56	65	260563	49.11 ug/l	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.22%		
59) Toluene-d8	9.95	98	1176962	49.61 ug/l	0.00
Spiked Amount 50.000	Range 91 - 109		Recovery = 99.22%		
79) 1,4-Bromofluorobenzene	13.16	95	430521	48.91 ug/l	0.00
Spiked Amount 50.000	Range 84 - 108		Recovery = 97.82%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	2.17	50	174	N.D.	
4) Vinyl Chloride	2.20	62	236	N.D.	
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	2.74	64	193	N.D.	
7) Trichlorofluoromethane	3.35	101	191	N.D.	
8) Ethanol	0.00	45	0	N.D. d	
9) Diethyl Ether	0.00	45	0	N.D. d	
10) Acetone	3.99	58	4421	6.46 ug/l #	59
11) Iodomethane	0.00	142	0	N.D.	
12) 1,1-Dichloroethene	3.86	61	206	N.D.	
13) 1,1,2-Trichloro-1,2,2-Trif	4.02	101	210	N.D.	
14) Tert-Butyl Alcohol (TBA)	4.88	59	2280	1.71 ug/l #	1
15) Carbon Disulfide	4.26	76	902	N.D.	
16) Acetonitrile	4.40	41	7705	7.49 ug/l	60
17) Acrylonitrile	0.00	53	0	N.D. d	
18) Allyl Chloride	0.00	41	0	N.D. d	
19) Acrolein	3.77	56	211	N.D.	
20) Methyl Acetate	0.00	43	0	N.D. d	
21) Methylene Chloride	4.66	84	51674	7.84 ug/l	95
22) t-1,2-Dichloroethene	5.09	96	246	N.D.	
23) Isobutyl Alcohol	0.00	43	0	N.D. d	
24) Methyl-t-Butyl Ether (MTBE	5.10	73	177	N.D.	
25) Hexane	5.51	57	7615	0.73 ug/l #	59
26) 1,1-Dichloroethane	5.76	63	192	N.D.	
27) Vinyl Acetate	0.00	86	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL045.D
Acq On : 22 Jul 2006 8:39 am
Sample : 06-07-1032-3D 5ML pH<2
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 09:07:25 2006

Vial: 45
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) Diisopropyl Ether (DIPE)	5.84	45	1012	N.D.	
29) Chloroprene	5.83	53	210	N.D.	
30) Ethyl-t-Butyl Ether (ETBE)	0.00	59	0	N.D.	
31) c-1,2-Dichloroethene	6.48	96	162	N.D.	
32) 2,2-Dichloropropane	6.49	77	407	N.D.	
33) 2-Butanone	0.00	43	0	N.D. d	
34) Propionitrile	6.52	54	168	N.D.	
35) Methacrylonitrile	6.76	41	370	N.D.	
36) Propanedinitrile	0.00	66	0	N.D.	
37) Bromochloromethane	0.00	130	0	N.D.	
38) Tetrahydrofuran	6.90	42	451	0.12 ug/l #	34
39) Chloroform	0.00	83	0	N.D.	
41) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
42) Cyclohexane	7.20	84	22589	1.97 ug/l #	37
43) 1,1-Dichloropropene	0.00	75	0	N.D.	
44) Carbon Tetrachloride	0.00	117	0	N.D.	
47) Benzene	7.64	78	349	N.D.	
48) 1,2-Dichloroethane	0.00	62	0	N.D.	
49) Tert-Amyl-Methyl Ether (TA	0.00	73	0	N.D.	
50) Thiophene	0.00	84	0	N.D.	
51) Trichloroethene	0.00	95	0	N.D.	
52) 1,2-Dichloropropane	0.00	63	0	N.D.	
53) Methylcyclohexane	0.00	83	0	N.D.	
54) Dibromomethane	0.00	93	0	N.D.	
55) Methyl Methacrylate	8.88	69	170	N.D.	
56) Bromodichloromethane	9.09	83	174	N.D.	
57) 2-Chloroethyl Vinyl Ether	0.00	63	0	N.D.	
58) c-1,3-Dichloropropene	0.00	75	0	N.D.	
60) Toluene	10.03	91	2096	N.D.	
61) 4-Methyl-2-Pentanone	0.00	58	0	N.D.	
63) t-1,3-Dichloropropene	0.00	75	0	N.D.	
64) Ethyl Methacrylate	0.00	69	0	N.D.	
65) 1,1,2-Trichloroethane	10.53	83	172	N.D.	
66) Tetrachloroethene	0.00	166	0	N.D.	
67) 1,3-Dichloropropane	0.00	76	0	N.D.	
68) 2-Hexanone	10.90	58	323	N.D.	
69) Dibromochloromethane	0.00	129	0	N.D.	
70) 1,2-Dibromoethane	0.00	107	0	N.D.	
71) Chlorobenzene	11.74	112	180	N.D.	
72) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
73) Ethylbenzene	11.89	91	838	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL045.D
Acq On : 22 Jul 2006 8:39 am
Sample : 06-07-1032-3D 5ML pH<2
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 09:07:25 2006

Vial: 45
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	p/m-Xylene	12.03	91	1632	N.D.	
75)	o-Xylene	12.52	91	178	N.D.	
76)	Styrene	0.00	104	0	N.D.	
77)	Bromoform	0.00	173	0	N.D.	
78)	Isopropylbenzene	0.00	105	0	N.D.	
80)	1,2,3-Trichloropropane	13.39	75	185	N.D.	
81)	Bromobenzene	0.00	156	0	N.D.	
82)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
83)	n-Propylbenzene	13.48	91	160	N.D.	
84)	t-1,4-Dichloro-2-Butene	13.45	53	163	N.D.	
85)	2-Chlorotoluene	0.00	91	0	N.D.	
86)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
88)	4-Chlorotoluene	13.73	91	290	N.D.	
89)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
90)	tert-Butylbenzene	0.00	119	0	N.D.	
91)	p-Isopropyltoluene	0.00	119	0	N.D.	
92)	sec-Butylbenzene	0.00	105	0	N.D.	
93)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
94)	1,4-Dichlorobenzene	14.62	146	172	N.D.	
95)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
96)	n-Butylbenzene	14.99	91	166	N.D.	
97)	1,2-Dibromo-3-Chloropropan	16.02	75	167	0.11 ug/l #	1
98)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
99)	Hexachloro-1,3-Butadiene	0.00	225	0	N.D.	
100)	Naphthalene	17.51	128	2730	N.D.	
101)	1,2,3-Trichlorobenzene	17.84	180	159	N.D.	

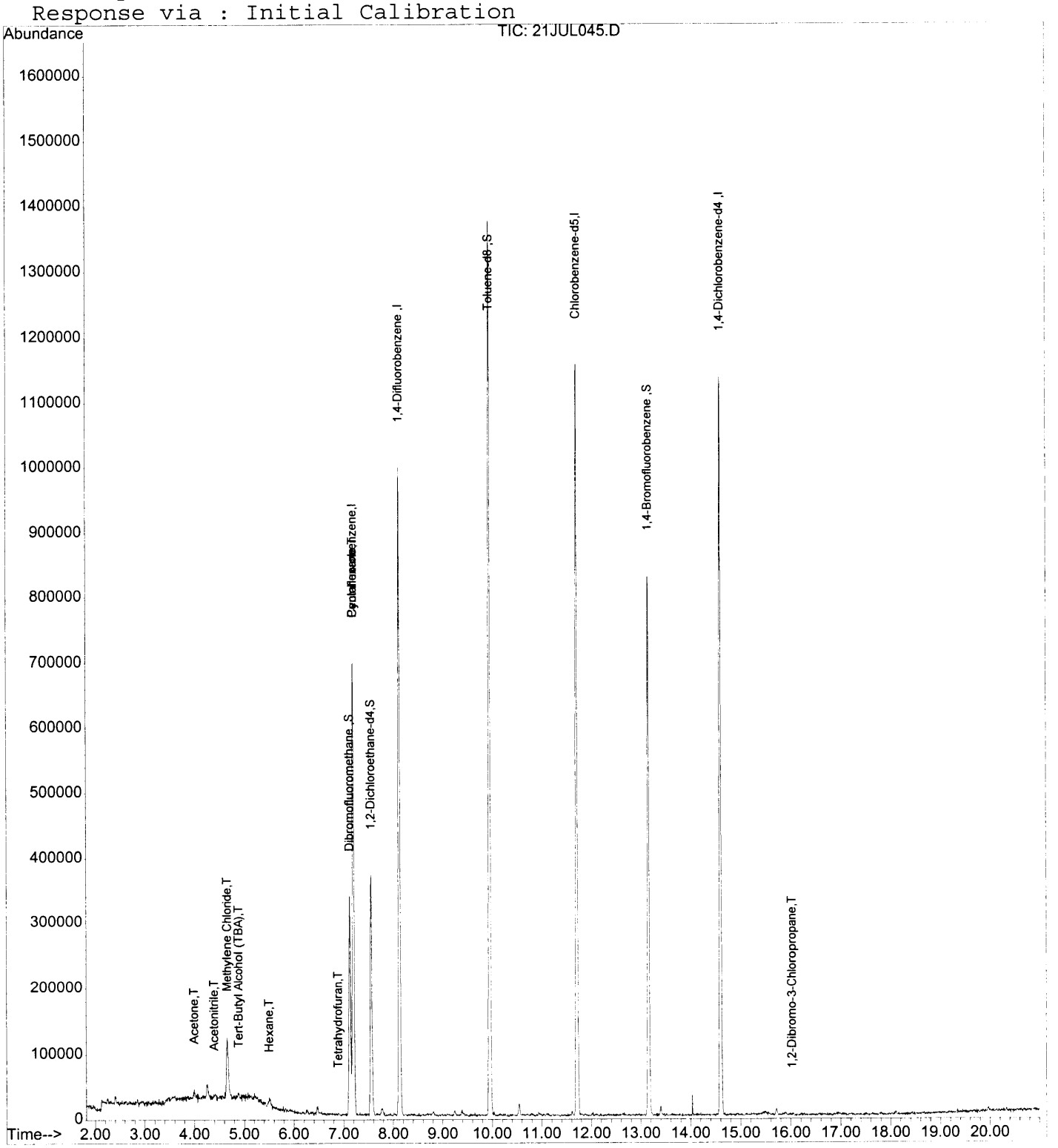
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072106\21JUL045.D
Acq On : 22 Jul 2006 8:39 am
Sample : 06-07-1032-3D 5ML pH<2
Misc : V071206E
MS Integration Params: RTEINT.P
Quant Time: Jul 22 11:08 2006

Vial: 45
Operator:
Inst : GCMS R
Multiplr: 1.00
Quant Results File: 060720.RES

Method : C:\MSDCHEM\1\METHODS\060720.M (RTE Integrator)
Title : EPA 8260B
Last Update : Fri Jul 21 11:11:11 2006
Response via : Initial Calibration



Calscience
Environmental
Laboratories, Inc.

1,2,3-Trichloropropane by SRL 524M

Camp Dresser & McKee

CEL W.O. 06-07-1032

Hewitt Landfill Groundwater

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Injection Log

Directory: C:\MSDCHEM\1\DATA\070506

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	05JUL001.D	1.	CCV 20PPB 14 Diox/20ppt 123-TCP V030206	V051606E GC/MS 'M'	5 Jul 2006 12:03
2	2	05JUL002.D	1.	LCS 20PPB/20PPT V030206A	V051606E	5 Jul 2006 12:31
3	3	05JUL003.D	1.	LCSD 20PPB/20PPT V030206A	V051606E	5 Jul 2006 13:00
4	4	05JUL004.D	1.	2PPB/PPT IC V030206B	V051606E	5 Jul 2006 13:29
5	5	05JUL005.D	1.	5PPB/PPT IC V030206B	V051606E	5 Jul 2006 13:57
6	7	05JUL006.D	1.	10PPB/PPT IC V030206B	V051606E	5 Jul 2006 14:26
7	8	05JUL007.D	1.	20PPB/PPT	V051606E	5 Jul 2006 14:55
8	9	05JUL008.D	1.	50PPB/PPT IC V030206B	V051606E	5 Jul 2006 15:23
9	10	05JUL009.D	1.	100PPB/PPT IC V030206B	V051606E	5 Jul 2006 15:52
10	11	05JUL010.D	1.	MB	V051606E	5 Jul 2006 16:21
11	12	05JUL011.D	1.	MB	V051606E	5 Jul 2006 16:49
12	13	05JUL012.D	1.	06-07-0058-1A 25ML PH<2	V051606E	5 Jul 2006 17:18
13	14	05JUL013.D	1.	06-07-0058-1A MS 25ML PH<2	V051606E	5 Jul 2006 17:47
14	15	05JUL014.D	1.	06-07-0058-1A MSD 25ML PH<2	V051606E	5 Jul 2006 18:16
15	16	05JUL015.D	1.	06-07-0058-2A 25ML PH<2	V051606E	5 Jul 2006 18:44
16	17	05JUL016.D	1.	06-07-0058-3A 25ML PH<2	V051606E FB	5 Jul 2006 19:13
17	18	05JUL017.D	1.	06-07-0058-4A 25ML PH<2	V051606E	5 Jul 2006 19:41
18	19	05JUL018.D	1.	06-06-1722-2G 1ML PH<2 DF=25X	V051606E	5 Jul 2006 20:10
19	20	05JUL019.D	1.	06-06-1871-2A 25ML PH<2	V051606E	5 Jul 2006 20:38
20	21	05JUL020.D	1.	06-06-1806-3D 1ML PH<2 DF=25X	V051606E	5 Jul 2006 21:07
21	22	05JUL021.D	1.	06-06-1806-4D 5ML PH<2 DF=5XE	V051606E	5 Jul 2006 21:35
22	23	05JUL022.D	1.	06-06-1806-6D 5ML PH<2 DF=5X	V051606E	5 Jul 2006 22:04
23	24	05JUL023.D	1.	06-06-1806-7D 5ML PH<2 DF=5X	V051606E	5 Jul 2006 22:32
24	25	05JUL024.D	1.	06-07-0059-1A 25ML PH<2	V051606E	5 Jul 2006 23:01
25	26	05JUL025.D	1.	06-07-0056-2H 25ML PH<2	V051606E EB	5 Jul 2006 23:30
26	27	05JUL026.D	1.	06-07-0056-4H 25ML PH<2	V051606E	5 Jul 2006 23:58

Response Factor Report GC_MS M

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Thu Jul 06 09:32:18 2006
Response via : Initial Calibration

Calibration Files
2 =05JUL004.D 5 =05JUL005.D 10 =05JUL006.D =
20 =05JUL001.D 50 =05JUL008.D 100 =05JUL009.D

	Compound	2	5	10	20	50	100	Avg	%RSD
1) I	1,4-Dioxane-d8	ISTD							
2) T	1,4-Dioxane	1.439	1.294	1.157	1.150	1.253	1.222	1.253	8.53
3) I	1,2,3-Trichloropropan	ISTD							
4) T	1,2,3-Trichloro	1.263	1.208	1.164	1.220	1.193		1.210	3.00

(#) = Out of Range

070506DIOXANE.M Thu Jul 06 09:37:00 2006

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070506\05JUL004.D Vial: 4
Acq On : 5 Jul 2006 1:29 pm Operator:
Sample : 2PPB/PPT IC V030206B Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 05 16:15:31 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Wed Jul 05 16:13:54 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4332	96	31182m	20.0000	ug/l	0.00
3) 1,2,3-Trichloropropane-d5	12.8274	79	5597m	0.0400	ug/l	0.00

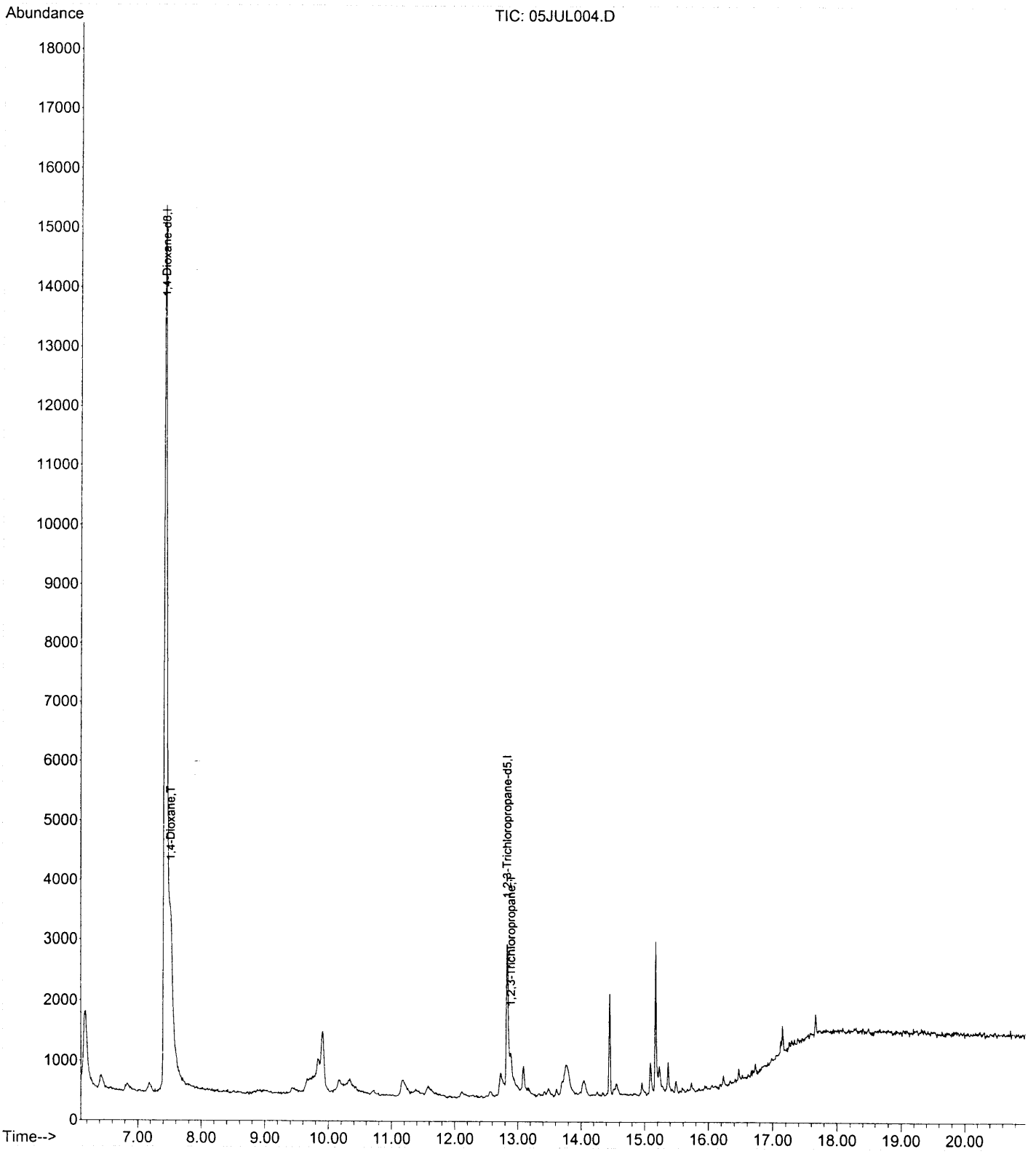
Target Compounds						Qvalue
2) 1,4-Dioxane	7.5261	88	4487m	2.3759	ug/l	
4) 1,2,3-Trichloropropane	12.8893	75	395m	0.0023	ug/l	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070506\05JUL004.D Vial: 4
Acq On : 5 Jul 2006 1:29 pm Operator:
Sample : 2PPB/PPT IC V030206B Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 5 16:16 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Thu Jul 06 09:32:18 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070506\05JUL005.D Vial: 5
Acq On : 5 Jul 2006 1:57 pm Operator:
Sample : 5PPB/PPT IC V030206B Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 05 16:16:19 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Wed Jul 05 16:13:54 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4330	96	32853m	20.0000	ug/l	0.00
3) 1,2,3-Trichloropropane-d5	12.8275	79	5601m	0.0400	ug/l	0.00

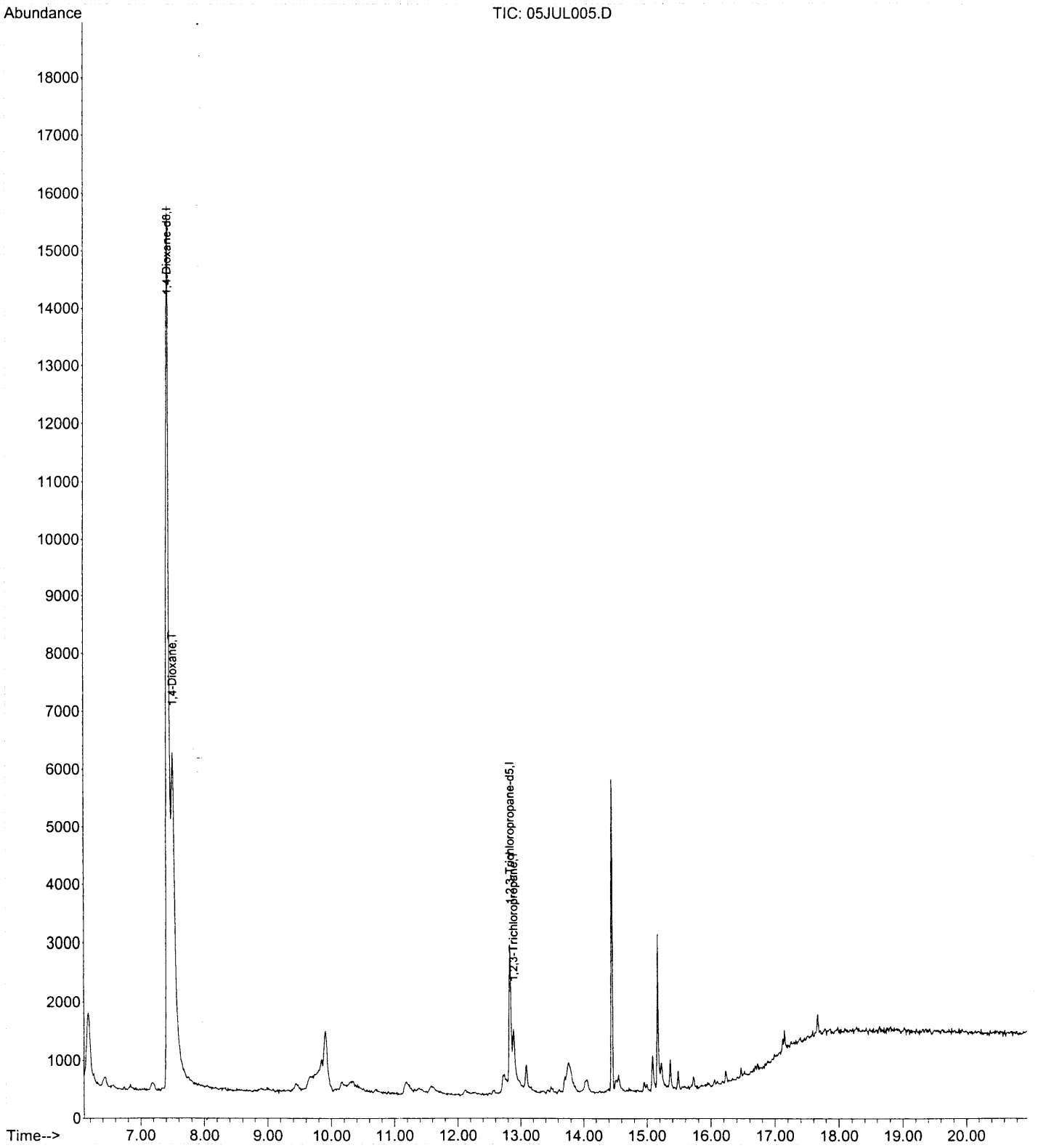
Target Compounds						Qvalue
2) 1,4-Dioxane	7.5181	88	10631m	5.3429	ug/l	
4) 1,2,3-Trichloropropane	12.8894	75	884m	0.0052	ug/l	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070506\05JUL005.D Vial: 5
Acq On : 5 Jul 2006 1:57 pm Operator:
Sample : 5PPB/PPT IC V030206B Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 5 16:17 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Thu Jul 06 09:32:18 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070506\05JUL006.D Vial: 7
Acq On : 5 Jul 2006 2:26 pm Operator:
Sample : 10PPB/PPT IC V030206B Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 05 16:17:08 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Wed Jul 05 16:13:54 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4328	96	22983m	20.0000	ug/l	0.00
3) 1,2,3-Trichloropropane-d5	12.8350	79	4590m	0.0400	ug/l	0.00

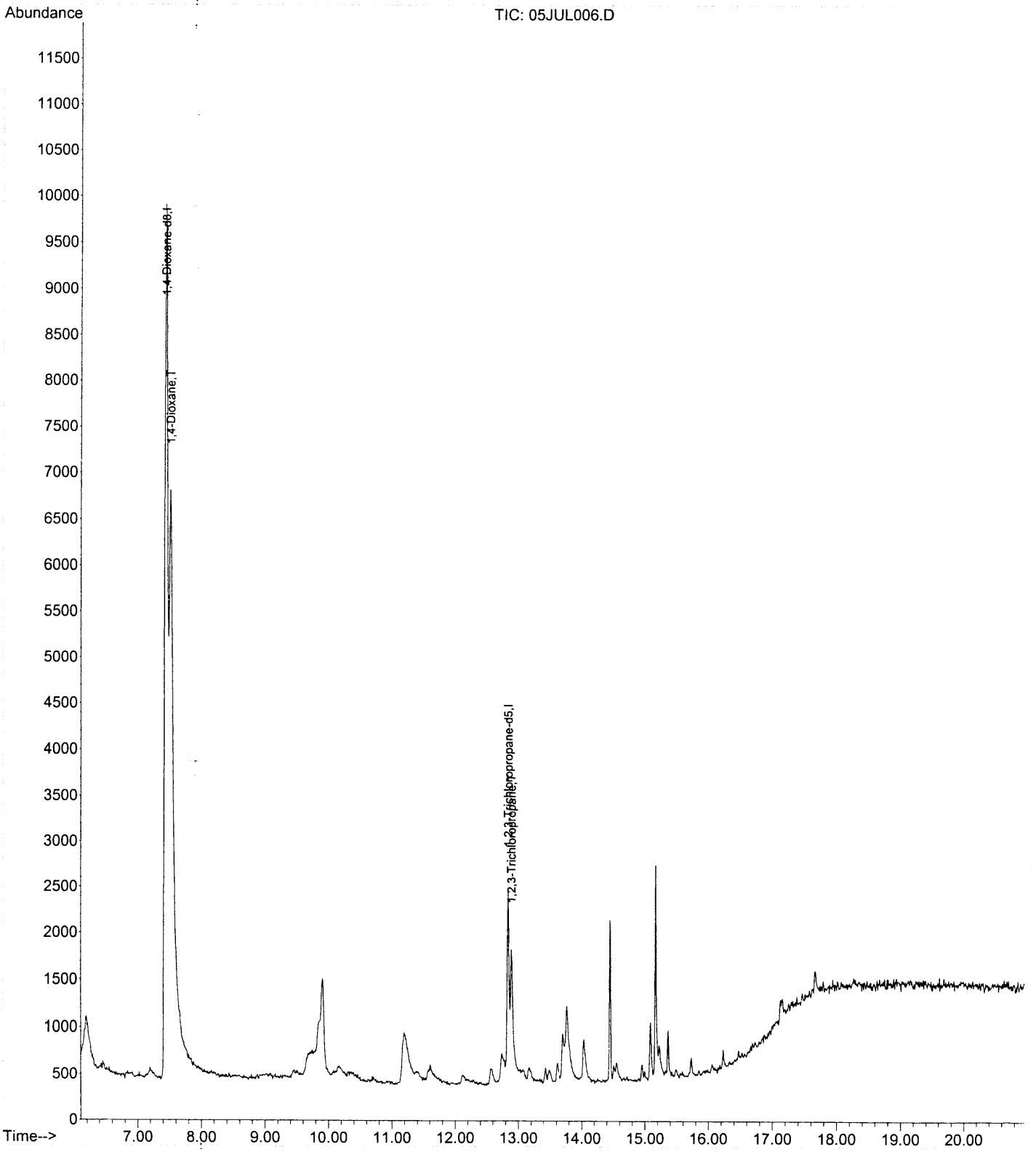
Target Compounds						Qvalue
2) 1,4-Dioxane	7.5179	88	13300m	9.5549	ug/l	
4) 1,2,3-Trichloropropane	12.8892	75	1386	0.0100	ug/l	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070506\05JUL006.D Vial: 7
Acq On : 5 Jul 2006 2:26 pm Operator:
Sample : 10PPB/PPT IC V030206B Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 5 16:17 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Thu Jul 06 09:32:18 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070506\05JUL001.D Vial: 1
Acq On : 5 Jul 2006 12:03 pm Operator:
Sample : 20PPB 14 Diox/20ppt 123-TCP V030206B Inst : GC_MS M
Misc : V051606E GC/MS 'M' Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 05 16:14:26 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Wed Jul 05 16:13:54 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4344	96	28014m	20.0000	ug/l	0.00
3) 1,2,3-Trichloropropane-d5	12.8346	79	4694m	0.0400	ug/l	0.00

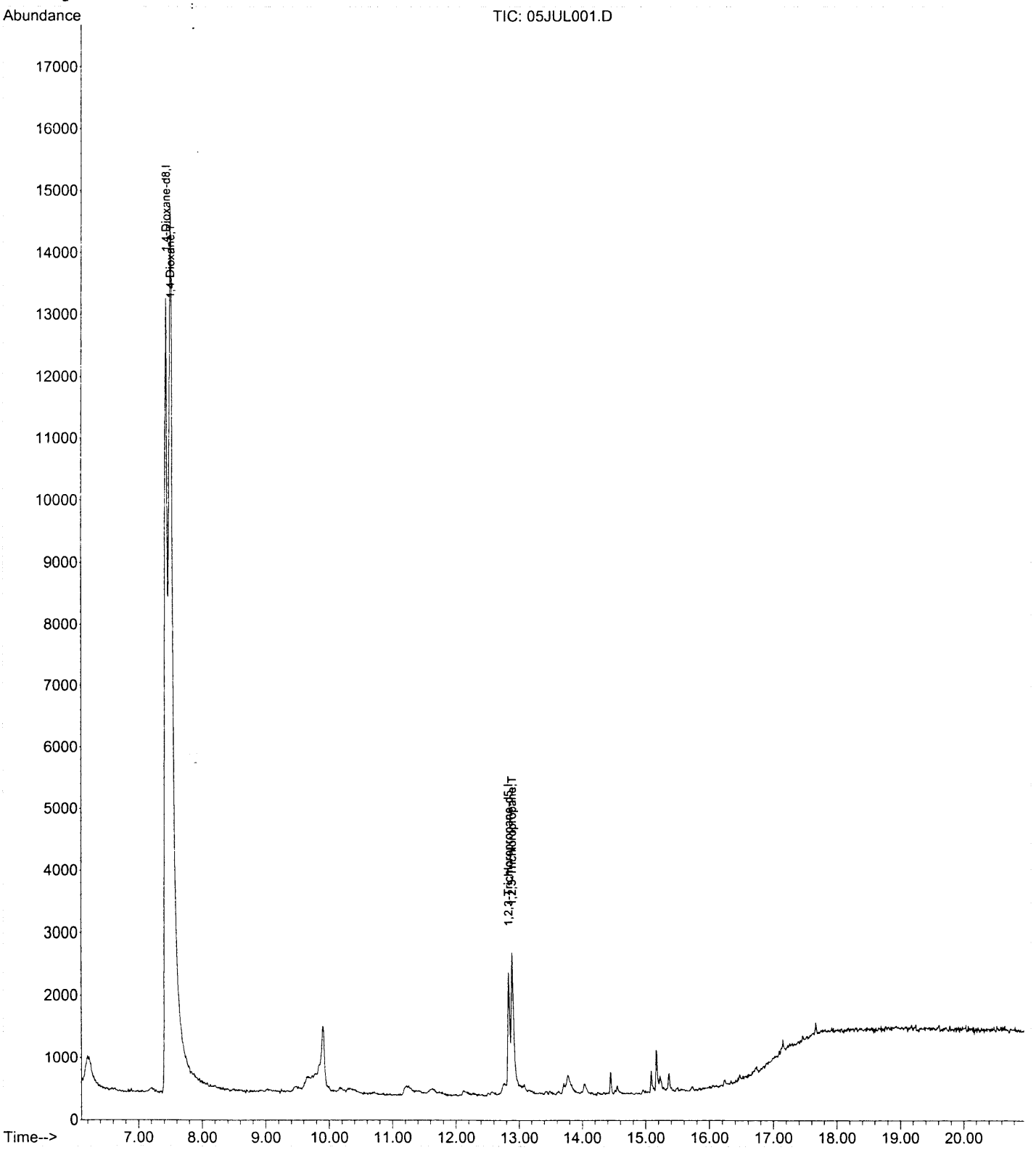
Target Compounds					Qvalue
2) 1,4-Dioxane	7.5041	88	32218m	18.9891	ug/l
4) 1,2,3-Trichloropropane	12.8888	75	2732m	0.0193	ug/l

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070506\05JUL001.D Vial: 1
Acq On : 5 Jul 2006 12:03 pm Operator:
Sample : 20PPB 14 Diox/20ppt 123-TCP V030206B Inst : GC_MS M
Misc : V051606E GC/MS 'M' Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 5 17:41 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Thu Jul 06 09:32:18 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070506\05JUL008.D Vial: 9
Acq On : 5 Jul 2006 3:23 pm Operator:
Sample : 50PPB/PPT IC V030206B Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 05 16:17:51 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Wed Jul 05 16:13:54 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4494	96	16664m	20.0000	ug/l	0.01
3) 1,2,3-Trichloropropane-d5	12.8419	79	3473m	0.0400	ug/l	0.00

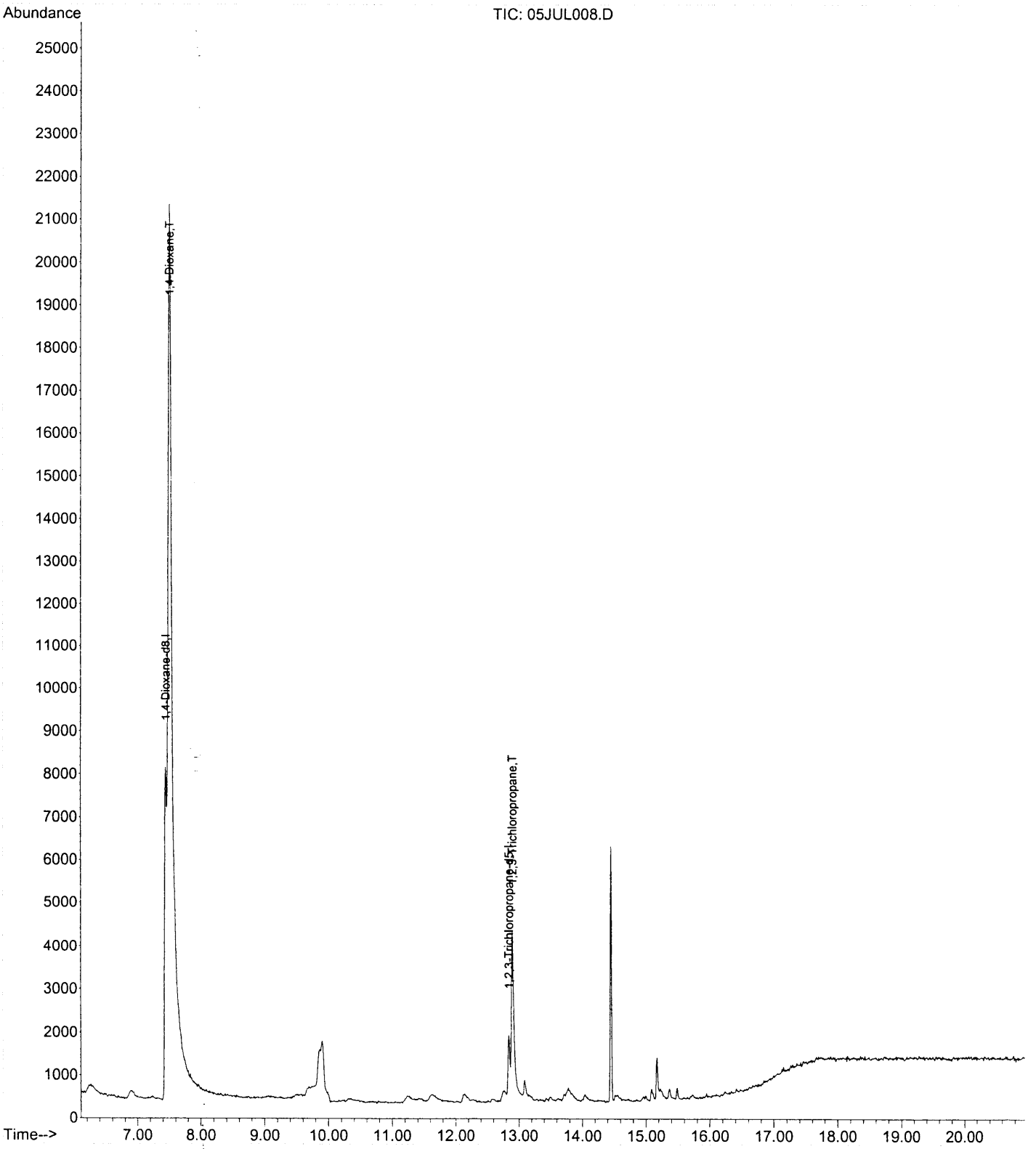
Target Compounds						Qvalue
2) 1,4-Dioxane	7.5035	88	52208m	51.7296	ug/l	
4) 1,2,3-Trichloropropane	12.8883	75	5298m	0.0506	ug/l	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070506\05JUL008.D Vial: 9
Acq On : 5 Jul 2006 3:23 pm Operator:
Sample : 50PPB/PPT IC V030206B Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 5 16:18 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Thu Jul 06 09:32:18 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070506\05JUL009.D Vial: 10
Acq On : 5 Jul 2006 3:52 pm Operator:
Sample : 100PPB/PPT IC V030206B Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 05 16:18:40 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Wed Jul 05 16:13:54 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4348	96	23040m	20.0000	ug/l	0.00
3) 1,2,3-Trichloropropane-d5	12.8350	79	3981m	0.0400	ug/l	0.00

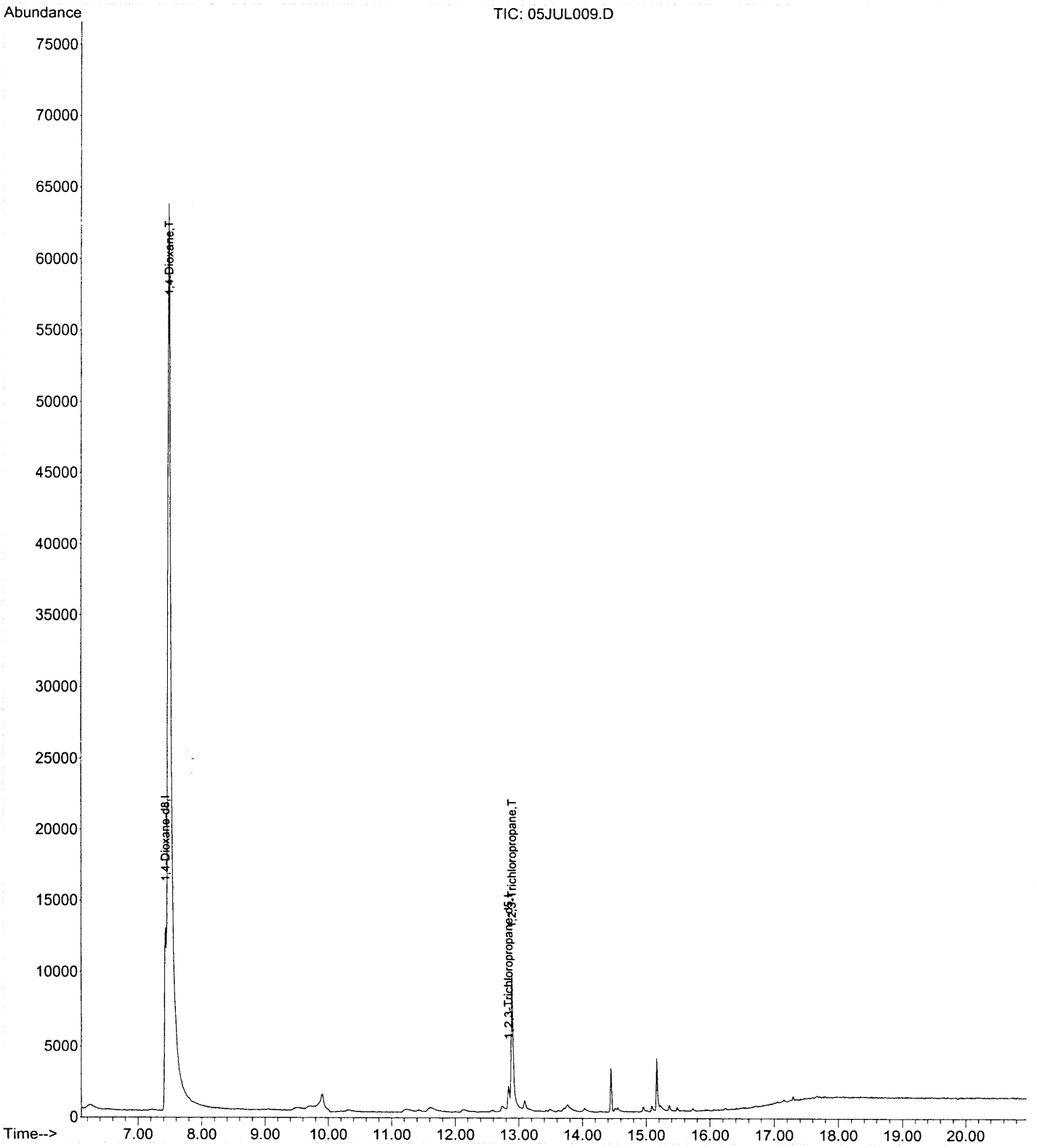
Target Compounds						Qvalue
2) 1,4-Dioxane	7.4890	88	140732m	100.8538	ug/l	
4) 1,2,3-Trichloropropane	12.8892	75	11877m	0.0990	ug/l	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070506\05JUL009.D Vial: 10
Acq On : 5 Jul 2006 3:52 pm Operator:
Sample : 100PPB/PPT IC V030206B Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 5 16:19 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Thu Jul 06 09:32:18 2006
Response via : Initial Calibration



Injection Log

Directory: C:\MSDCHEM\1\DATA\072106

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	21JUL001.D	1.	CCV 20PPB 14 Diox/20ppt 123-TCP V030206	V051606E GC/MS 'M'	21 Jul 2006 10:46
2	2	21JUL002.D	1.	LCS 20PPB/20PPT V030206A	V051606E	21 Jul 2006 11:15
3	3	21JUL003.D	1.	LCSD 20PPB/20PPT V030206A	V051606E	21 Jul 2006 11:43
4	4	21JUL004.D	1.	MB	V051606E	21 Jul 2006 12:12
5	5	21JUL005.D	1.	06-07-1032-2E 25ML PH<2	V051606E	21 Jul 2006 12:41
6	7	21JUL006.D	1.	06-07-1032-2E MS 25ML PH<2	V051606E	21 Jul 2006 13:11
7	8	21JUL007.D	1.	06-07-1032-2E MSD 25ML PH<2	V051606E	21 Jul 2006 13:40
8	9	21JUL008.D	1.	06-07-1032-1E 25ML PH<2	V051606E	21 Jul 2006 14:09
9	10	21JUL009.D	1.	06-07-1032-3E 25ML PH<2	V051606E	21 Jul 2006 14:38
10	11	21JUL010.D	1.	06-07-1004-1A 25ML PH<2	V051606E	21 Jul 2006 15:06
11		21JUL011.D	1.			

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\072106\21JUL001.D Vial: 1
Acq On : 21 Jul 2006 10:46 am Operator:
Sample : CCV 20PPB 14 Diox/20ppt 123-TCP V030206B Inst : GC_MS M
Misc : V051606E GC/MS 'M' Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 15:33:31 2006
Response via : Multiple Level Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dioxane-d8	1.000	1.000	0.0	97	0.00
2	T	1,4-Dioxane	1.253	1.191	4.9	101	0.00
3	I	1,2,3-Trichloropropane-d5	1.000	1.000	0.0	91	0.00
4	T	1,2,3-Trichloropropane	1.210	1.246	-3.0	98	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072106\21JUL001.D Vial: 1
Acq On : 21 Jul 2006 10:46 am Operator:
Sample : CCV 20PPB 14 Diox/20ppt 123-TCP V030206B Inst : GC_MS M
Misc : V051606E GC/MS 'M' Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 11:36:11 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 11:02:16 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4348	96	27246m	20.0000	ug/l	0.00
3) 1,2,3-Trichloropropane-d5	12.8346	79	4275m	0.0400	ug/l	0.00

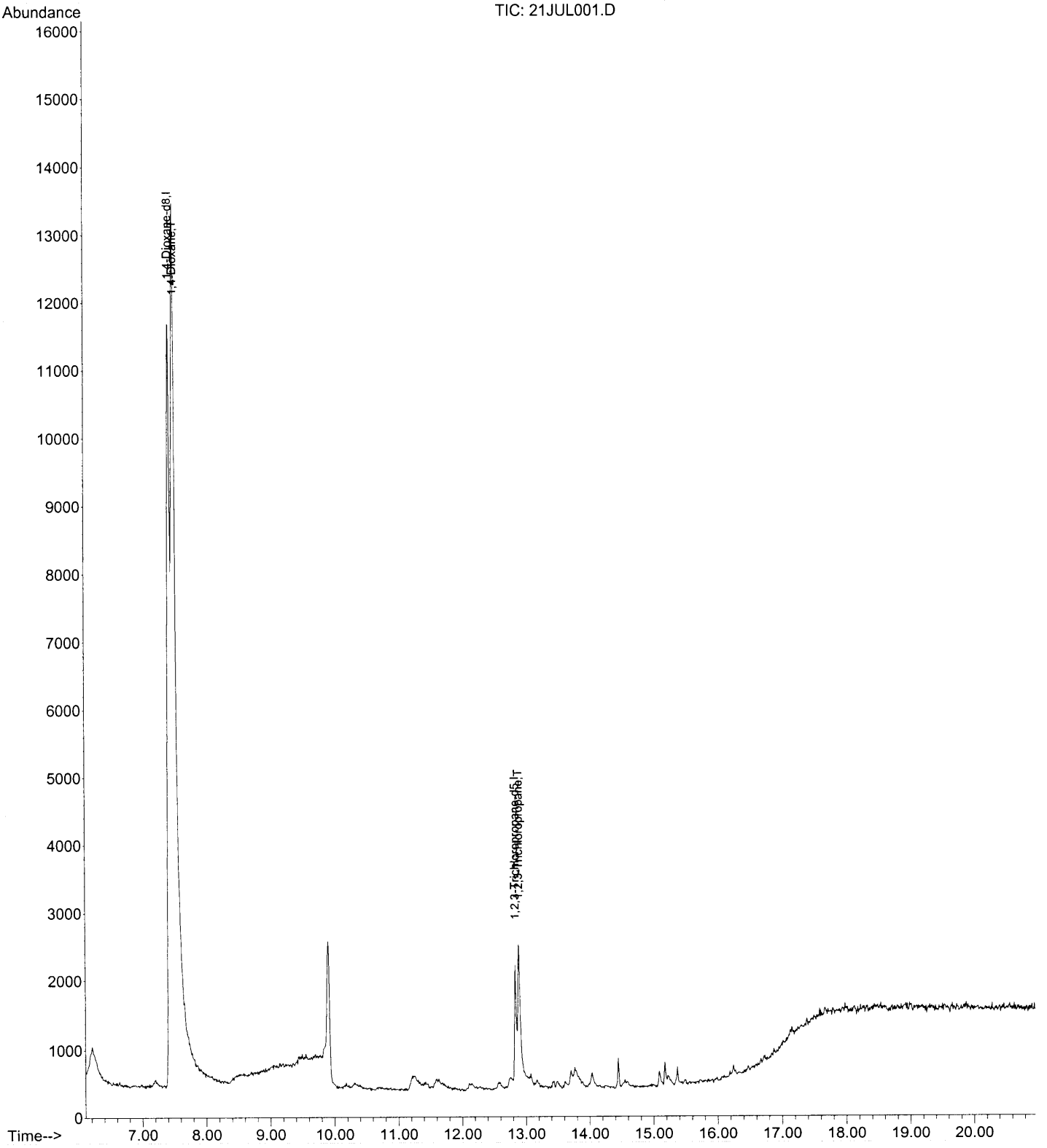
Target Compounds						Qvalue
2) 1,4-Dioxane	7.5044	88	32449m	19.0158	ug/l	
4) 1,2,3-Trichloropropane	12.8888	75	2664m	0.0206	ug/l	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072106\21JUL001.D Vial: 1
Acq On : 21 Jul 2006 10:46 am Operator:
Sample : CCV 20PPB 14 Diox/20ppt 123-TCP V030206B Inst : GC_MS M
Misc : V051606E GC/MS 'M' Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 11:36 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 15:33:31 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072106\21JUL002.D Vial: 2
Acq On : 21 Jul 2006 11:15 am Operator:
Sample : LCS 20PPB/20PPT V030206A Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 11:37:06 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 11:36:54 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4345	96	33589m	20.0000	ug/l	0.00
3) 1,2,3-Trichloropropane-d5	12.8276	79	6278m	0.0400	ug/l	0.00

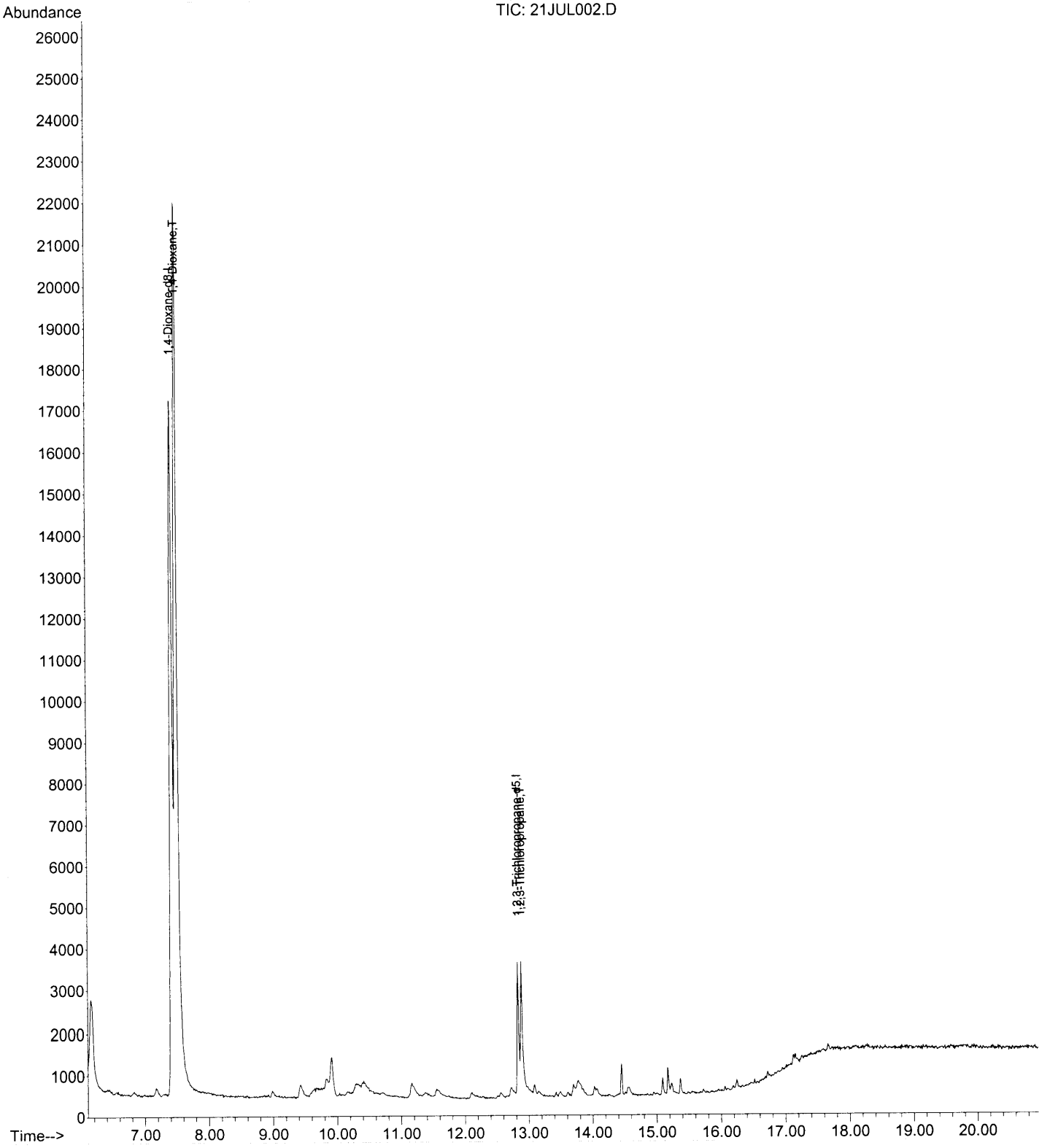
Target Compounds						Qvalue
2) 1,4-Dioxane	7.5119	88	41093m	19.5338	ug/l	
4) 1,2,3-Trichloropropane	12.8818	75	3247m	0.0171	ug/l	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072106\21JUL002.D Vial: 2
Acq On : 21 Jul 2006 11:15 am Operator:
Sample : LCS 20PPB/20PPT V030206A Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 11:37 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 15:33:31 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072106\21JUL003.D Vial: 3
Acq On : 21 Jul 2006 11:43 am Operator:
Sample : LCSD 20PPB/20PPT V030206A Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 12:07:08 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 11:36:54 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4353	96	52464m	20.0000	ug/l	0.00
3) 1,2,3-Trichloropropane-d5	12.8271	79	6707m	0.0400	ug/l	0.00

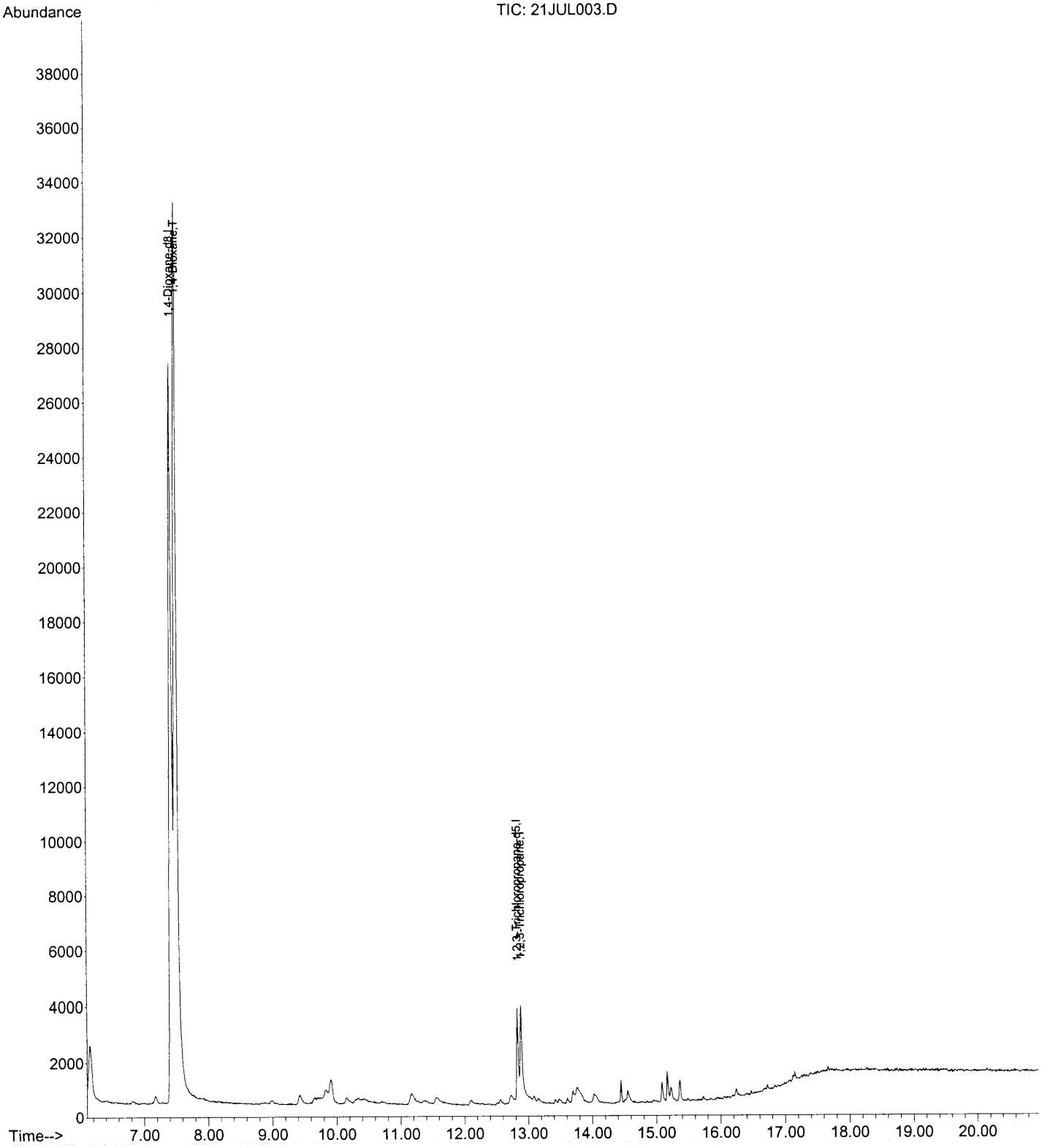
Target Compounds						Qvalue
2) 1,4-Dioxane	7.5127	88	60591m	18.4401	ug/l	
4) 1,2,3-Trichloropropane	12.8813	75	3644m	0.0180	ug/l	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072106\21JUL003.D Vial: 3
Acq On : 21 Jul 2006 11:43 am Operator:
Sample : LCSD 20PPB/20PPT V030206A Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 12:08 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 15:33:31 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072106\21JUL004.D Vial: 4
Acq On : 21 Jul 2006 12:12 pm Operator:
Sample : MB Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 12:50:29 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 11:36:54 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

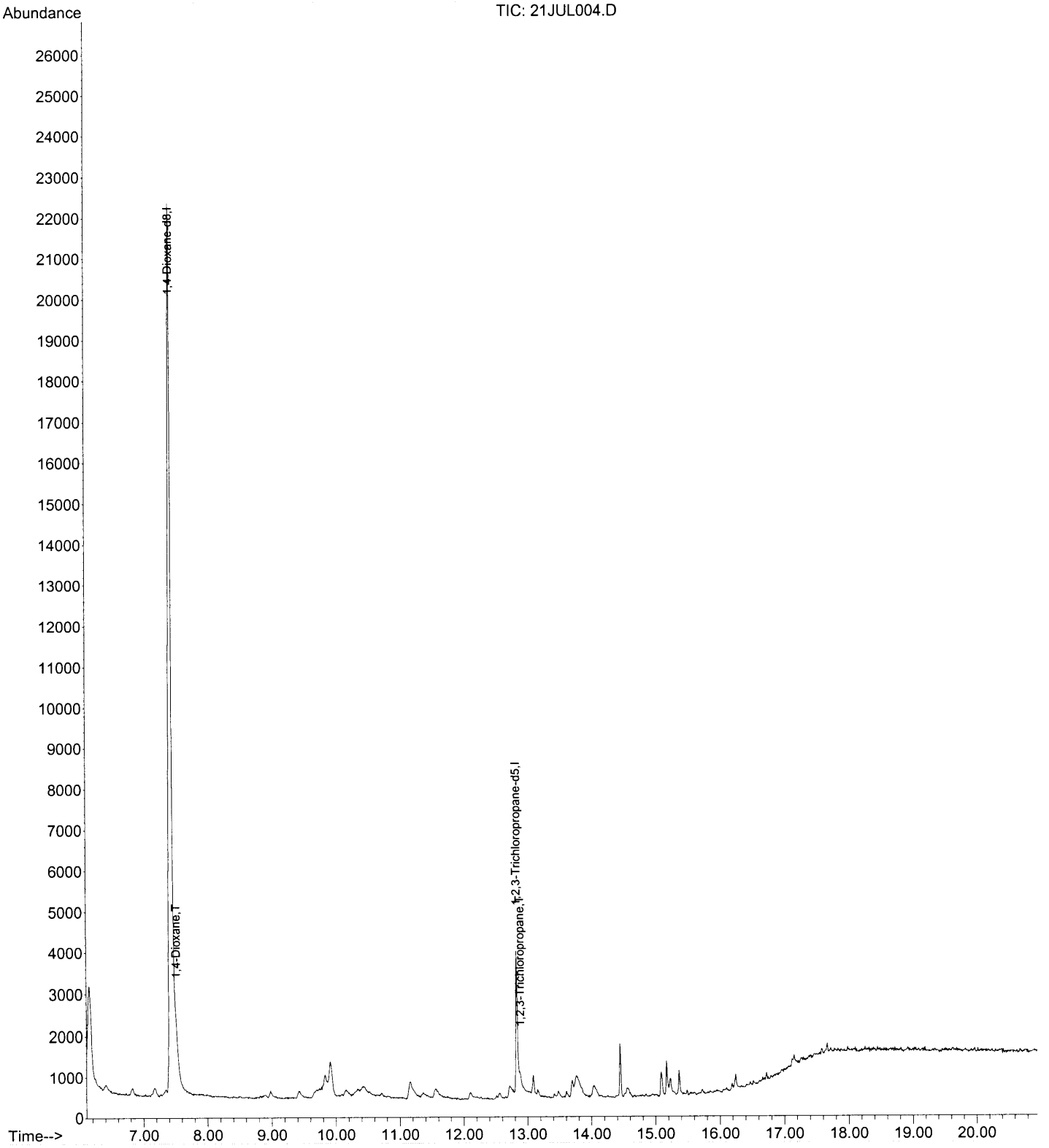
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4359	96	41466m	20.0000	ug/l	0.00
3) 1,2,3-Trichloropropane-d5	12.8274	79	6922m	0.0400	ug/l	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	7.5211	88	1561	0.6011	ug/l	93
4) 1,2,3-Trichloropropane	12.8893	75	344	0.0016	ug/l	87

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072106\21JUL004.D Vial: 4
Acq On : 21 Jul 2006 12:12 pm Operator:
Sample : MB Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 12:50 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 15:33:31 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072106\21JUL006.D Vial: 7
Acq On : 21 Jul 2006 1:11 pm Operator:
Sample : 06-07-1032-2E MS 25ML PH<2 Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 14:46:27 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 13:03:38 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4572	96	15334m	20.0000 ug/l	0.02
3) 1,2,3-Trichloropropane-d5	12.8416	79	3337m	0.0400 ug/l	0.00

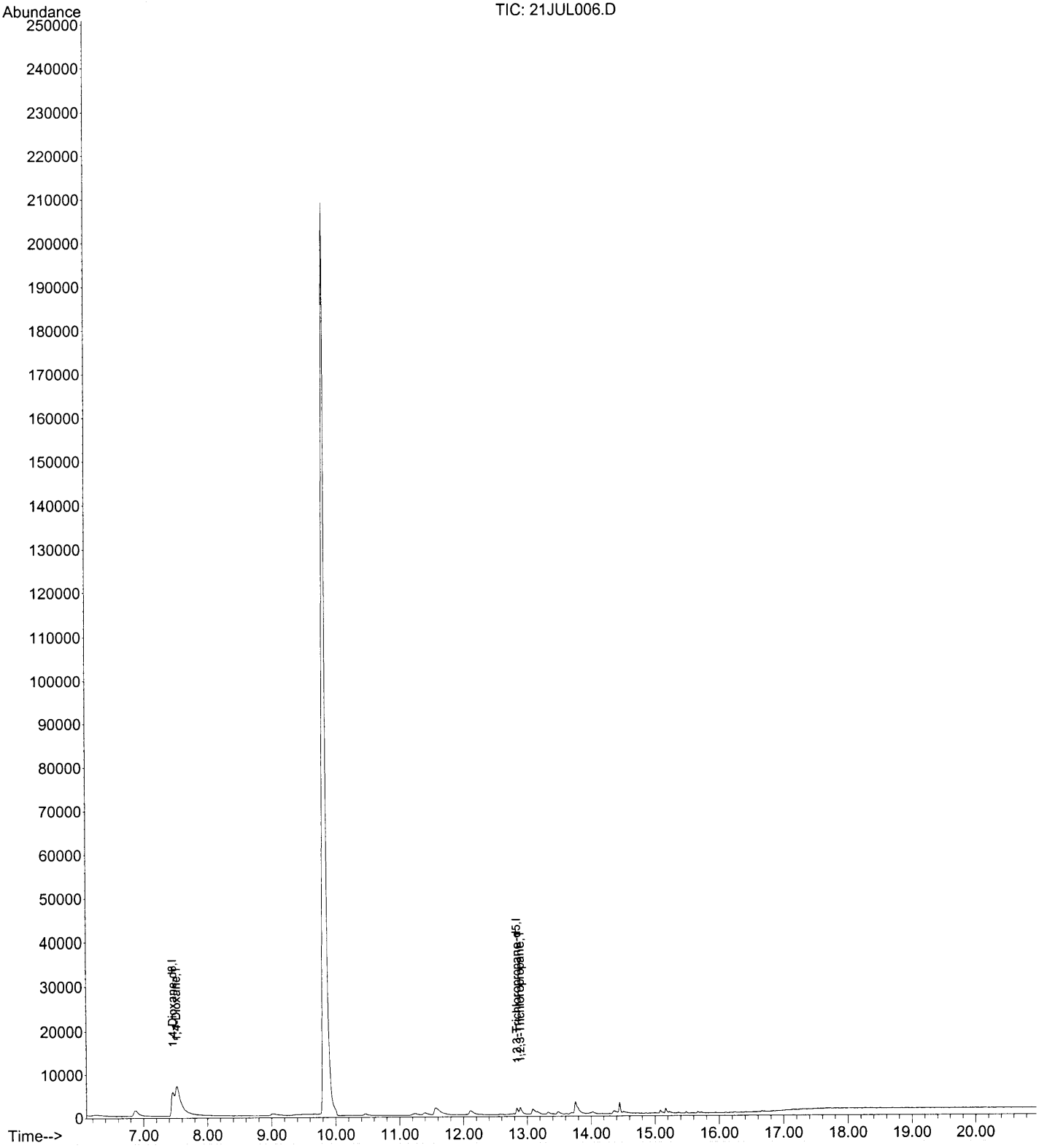
Target Compounds					Qvalue
2) 1,4-Dioxane	7.5269	88	18312m	19.0677 ug/l	
4) 1,2,3-Trichloropropane	12.8958	75	1796m	0.0178 ug/l	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072106\21JUL006.D Vial: 7
Acq On : 21 Jul 2006 1:11 pm Operator:
Sample : 06-07-1032-2E MS 25ML PH<2 Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 14:47 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 15:33:31 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072106\21JUL007.D Vial: 8
Acq On : 21 Jul 2006 1:40 pm Operator:
Sample : 06-07-1032-2E MSD 25ML PH<2 Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 14:47:22 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 13:03:38 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4429	96	23676m	20.0000	ug/l	0.00
3) 1,2,3-Trichloropropane-d5	12.8351	79	4867m	0.0400	ug/l	0.00

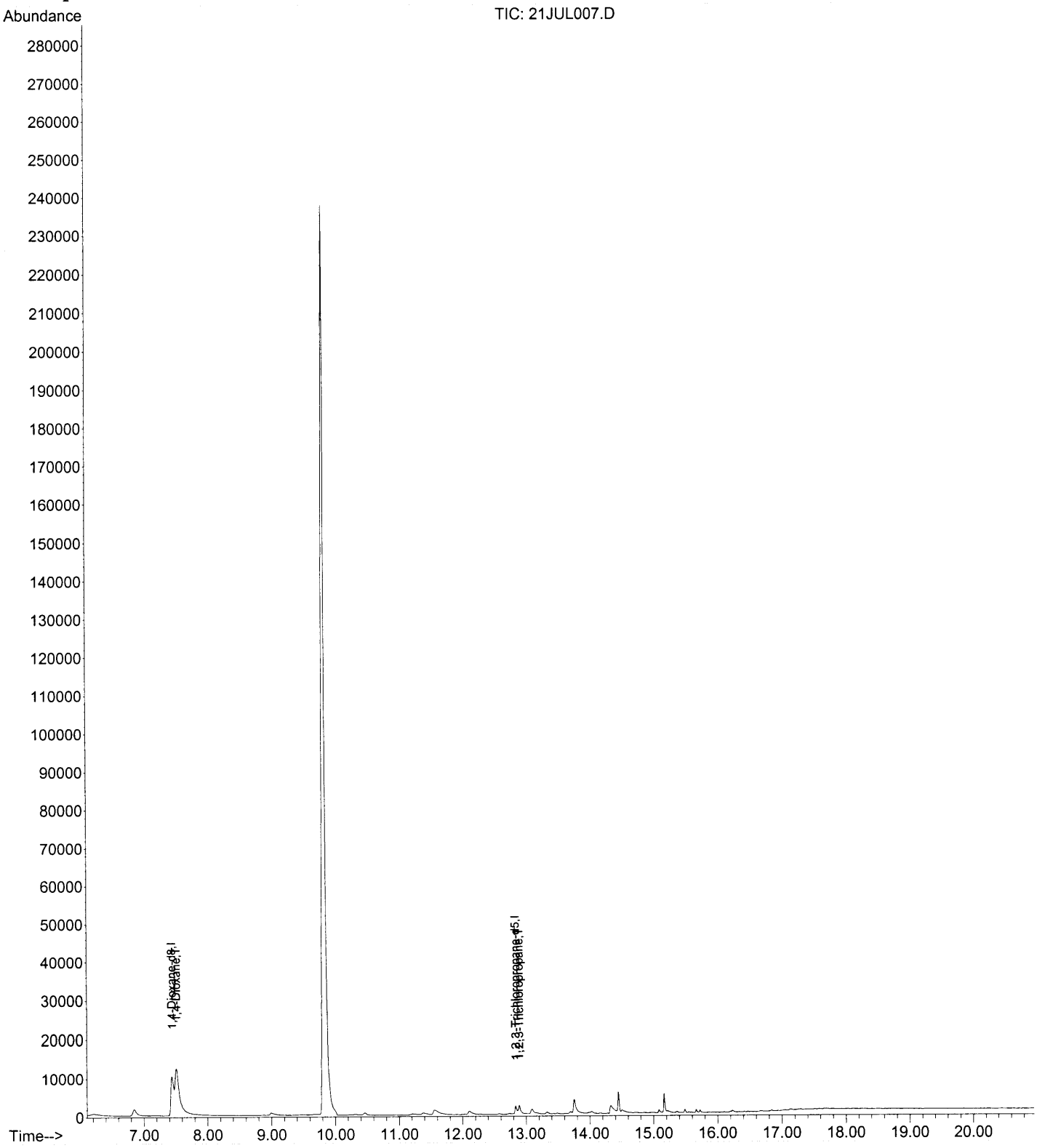
Target Compounds						Qvalue
2) 1,4-Dioxane	7.5126	88	28531m	19.2409	ug/l	
4) 1,2,3-Trichloropropane	12.8893	75	2550m	0.0173	ug/l	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072106\21JUL007.D Vial: 8
Acq On : 21 Jul 2006 1:40 pm Operator:
Sample : 06-07-1032-2E MSD 25ML PH<2 Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 14:48 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 15:33:31 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072106\21JUL008.D Vial: 9
Acq On : 21 Jul 2006 2:09 pm Operator:
Sample : 06-07-1032-1E 25ML PH<2 Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 14:48:18 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 13:03:38 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4496	96	29773m	20.0000	ug/l	0.01
3) 1,2,3-Trichloropropane-d5	12.8343	79	4170m	0.0400	ug/l	0.00

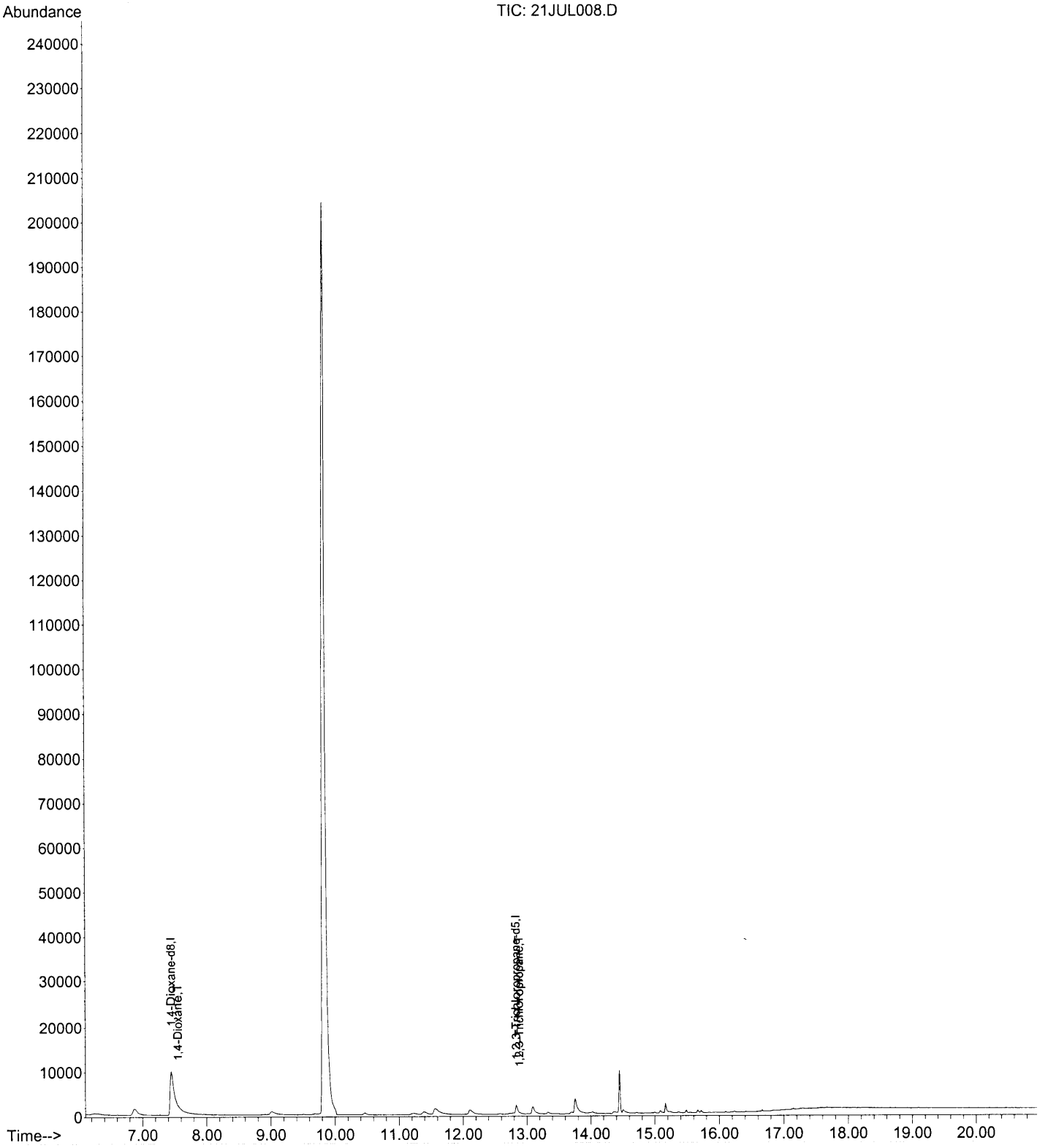
Target Compounds						Qvalue
2) 1,4-Dioxane	7.5579	88	468m	0.2510	ug/l	
4) 1,2,3-Trichloropropane	12.8885	75	235	0.0019	ug/l	87

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072106\21JUL008.D Vial: 9
Acq On : 21 Jul 2006 2:09 pm Operator:
Sample : 06-07-1032-1E 25ML PH<2 Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 14:48 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 15:33:31 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072106\21JUL005.D Vial: 5
Acq On : 21 Jul 2006 12:41 pm Operator:
Sample : 06-07-1032-2E 25ML PH<2 Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 13:02:56 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 12:52:40 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4573	96	21959m	20.0000	ug/l	0.02
3) 1,2,3-Trichloropropane-d5	12.8344	79	3923m	0.0400	ug/l	0.00

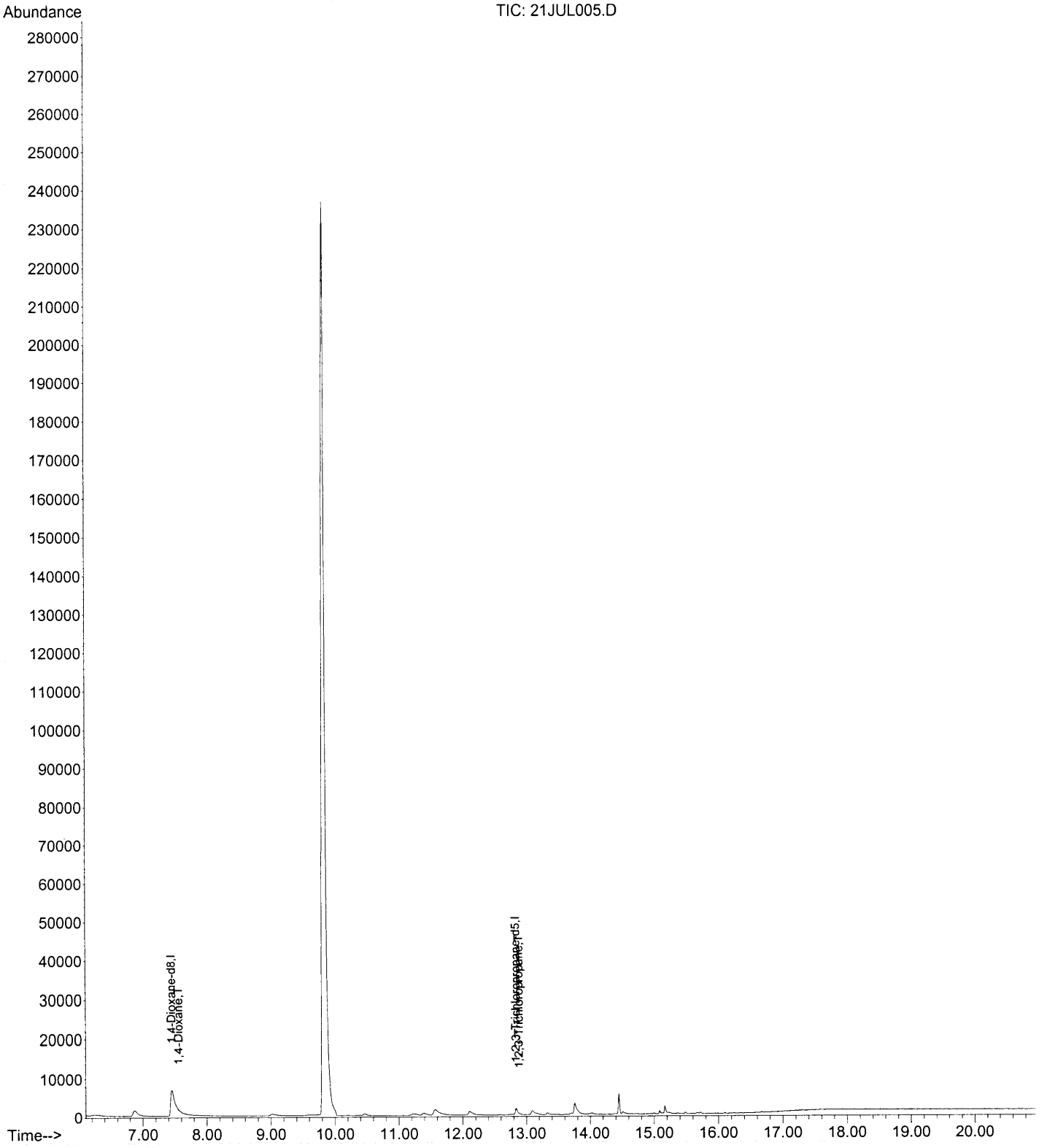
Target Compounds						Qvalue
2) 1,4-Dioxane	7.5657	88	406m	0.2952	ug/l	
4) 1,2,3-Trichloropropane	12.8886	75	124	0.0010	ug/l	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072106\21JUL005.D Vial: 5
Acq On : 21 Jul 2006 12:41 pm Operator:
Sample : 06-07-1032-2E 25ML PH<2 Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 13:03 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 15:33:31 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072106\21JUL009.D Vial: 10
Acq On : 21 Jul 2006 2:38 pm Operator:
Sample : 06-07-1032-3E 25ML PH<2 Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 15:32:27 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 13:03:38 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4583	96	22186m	20.0000	ug/l	0.02
3) 1,2,3-Trichloropropane-d5	12.8353	79	4325m	0.0400	ug/l	0.00

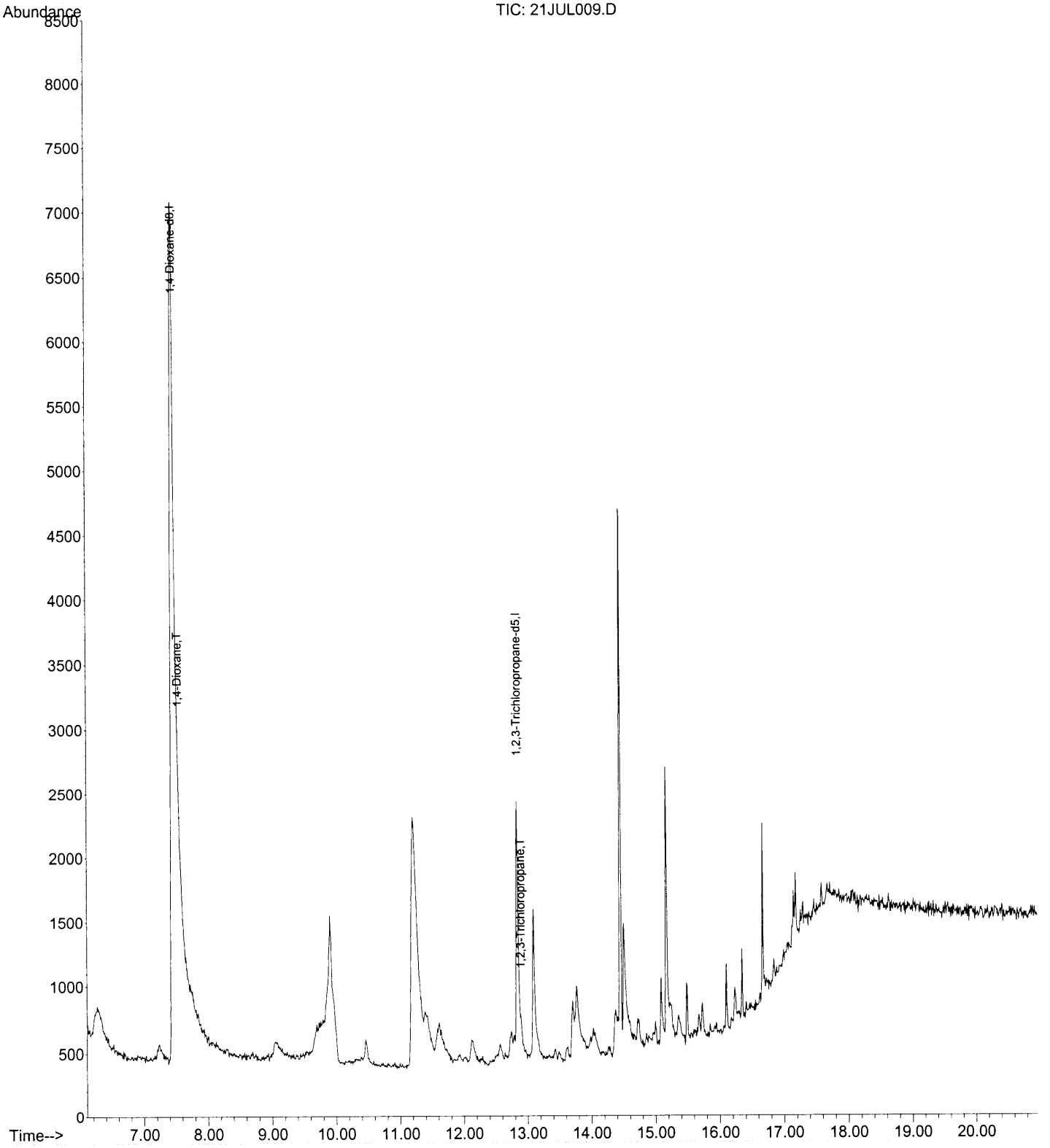
Target Compounds						Qvalue
2) 1,4-Dioxane	7.5435	88	619	0.4455	ug/l #	14
4) 1,2,3-Trichloropropane	12.8972	75	125m	0.0010	ug/l	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072106\21JUL009.D Vial: 10
Acq On : 21 Jul 2006 2:38 pm Operator:
Sample : 06-07-1032-3E 25ML PH<2 Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 15:32 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Fri Jul 21 15:33:31 2006
Response via : Initial Calibration



Calscience
Environmental
Laboratories, Inc.

1,4-Dioxane by EPA 8270C(M) Isotope Dilution

Camp Dresser & McKee

CEL W.O. 06-07-1032

Hewitt Landfill Groundwater

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

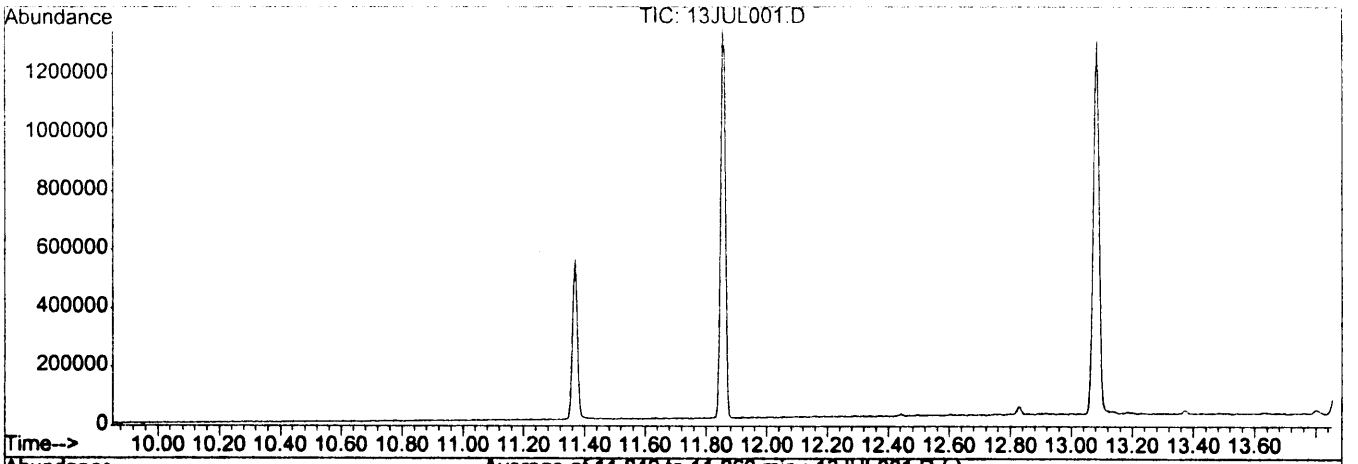
Injection Log

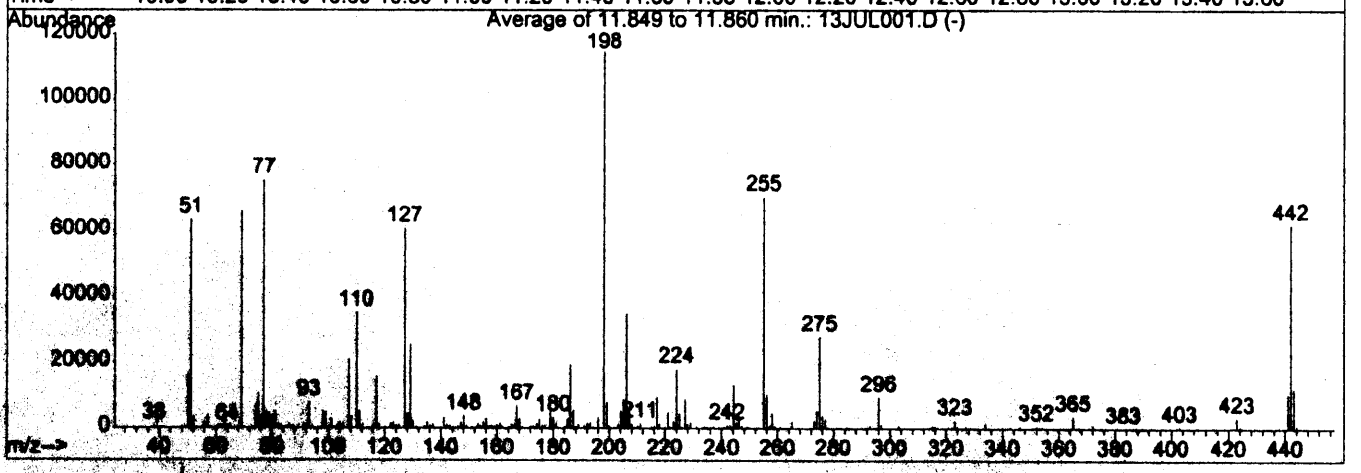
Directory: D:\MSDCHEM\1\DATA\060713

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	13jul001.d	1.	DFTPP S030106A		13 Jul 2006 09:59
2	2	13jul003.d	1.	BNA-80 S051606C		13 Jul 2006 11:03
3	3	13jul004.d	1.	BNA-5 S051606F		13 Jul 2006 11:34
4	4	13jul005.d	1.	BNA-20 S051606E		13 Jul 2006 12:06
5	5	13jul006.d	1.	BNA-50 S051606D		13 Jul 2006 12:37
6	6	13jul007.d	1.	BNA-120 S051606B		13 Jul 2006 13:09
7	7	13jul008.d	1.	BNA-160 S051606A		13 Jul 2006 13:40
8	8	13jul009.d	1.	BNA-80 ICV S022206A		13 Jul 2006 14:11
9	9	13jul010.d	1.	DIOX-1 S051706M		13 Jul 2006 15:05
10	10	13jul011.d	1.	DIOX-20 S051706L		13 Jul 2006 15:36
11	11	13jul012.d	1.	DIOX-80 S051706K		13 Jul 2006 16:07
12	12	13jul013.d	1.	DIOX-120 S051706J		13 Jul 2006 16:38
13	13	13jul014.d	1.	DIOX-160 S051706I		13 Jul 2006 17:10
14	14	13jul015.d	1.	DIOX-80 ICV S071106A		13 Jul 2006 17:41
15	15	13jul016.d	1.	DFTPP S030106A		13 Jul 2006 18:56
16	16	13jul017.d	1.	BNA-80 S051606C		13 Jul 2006 19:27
17	17	13jul018.d	1.	DIOX-80 S051706K		13 Jul 2006 19:59
18	18	13jul019.d	1.	LL MB-060711L11		13 Jul 2006 20:30
19	19	13jul020.d	1.	LL LCS-060711L11		13 Jul 2006 21:01
20	20	13jul021.d	1.	LL LCSD-060711L11		13 Jul 2006 21:32
21	21	13jul022.d	1.	07-0417-2		13 Jul 2006 22:04
22	22	13jul023.d	1.	07-0417-3		13 Jul 2006 22:35
23	23	13jul024.d	1.	07-0417-4		13 Jul 2006 23:07
24	24	13jul025.d	1.	07-0417-5		13 Jul 2006 23:38
25	25	13jul026.d	1.	07-0417-6		14 Jul 2006 00:10
26	26	13jul027.d	1.	07-0361-2		14 Jul 2006 00:41
27	27	13jul028.d	1.	07-0361-3		14 Jul 2006 01:13
28	28	13jul029.d	1.	07-0361-4		14 Jul 2006 01:44
29	29	13jul030.d	1.	07-0361-5		14 Jul 2006 02:16
30	30	13jul031.d	1.	07-0361-6		14 Jul 2006 02:47
31	31	13jul032.d	1.	07-0417-4 MS		14 Jul 2006 03:19
32	32	13jul033.d	1.	07-0417-4 MSD		14 Jul 2006 03:51

DFTPP

Data File : D:\MSDCHEM\1\DATA\060713\13JUL001.D Vial: 1
Acq On : 13 Jul 2006 9:59 am Operator:
Sample : DFTPP S030106A Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Method : D:\MSDCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : bbbbb





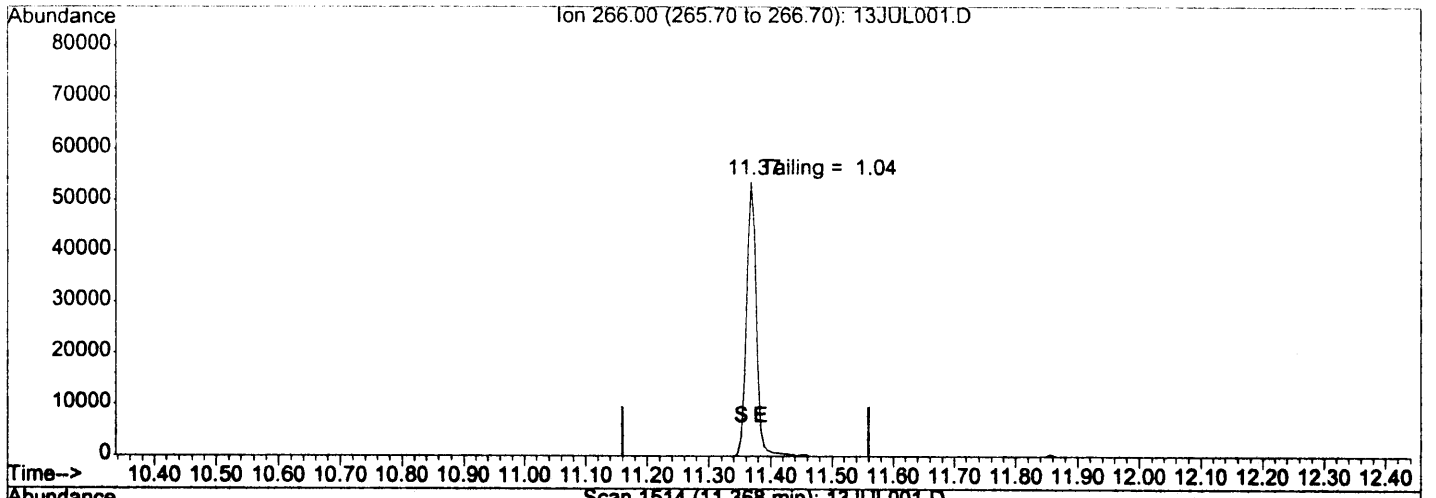
AutoFind: Scans 1604, 1605, 1606; Background Corrected with Scan 1598

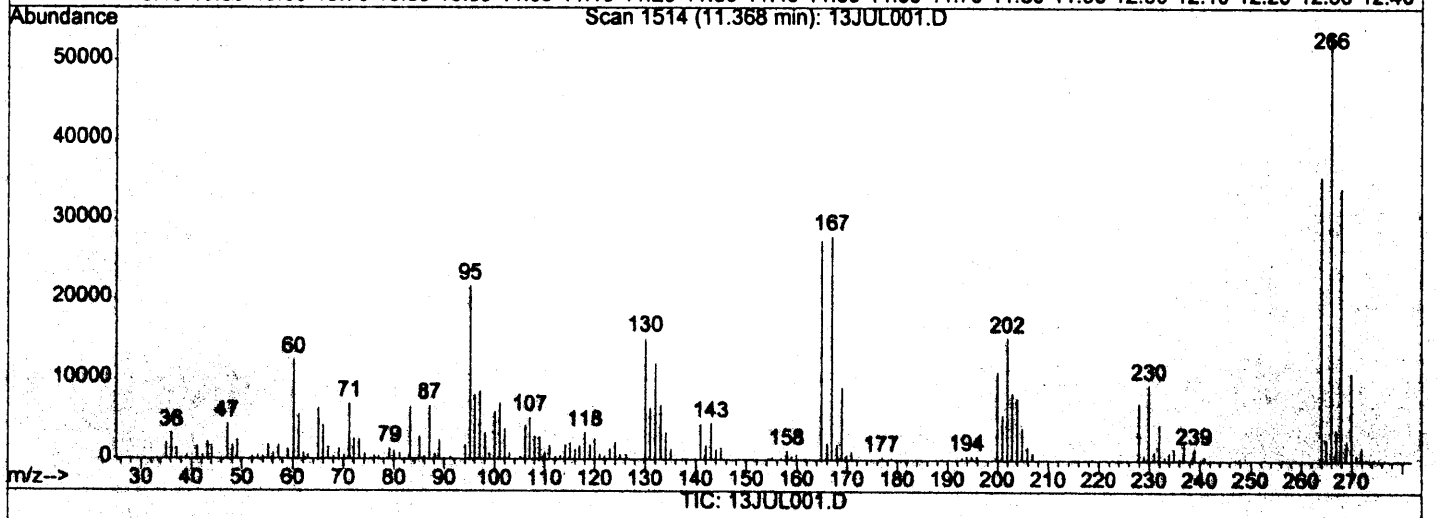
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	55.3	63368	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	57.7	66161	PASS
70	69	0.00	2	0.5	307	PASS
127	198	40	60	53.0	60720	PASS
197	198	0.00	1	0.2	277	PASS
198	198	100	100	100.0	114618	PASS
199	198	5	9	7.0	8002	PASS
275	198	10	30	24.2	27696	PASS
365	198	1	100	3.2	3696	PASS
441	443	0.01	100	87.4	10433	PASS
442	198	40	100	54.1	62000	PASS
443	442	17	23	19.3	11941	PASS

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\1\DATA\060713\13JUL001.D Vial: 1
Acq On : 13 Jul 2006 9:59 am Operator:
Sample : DFTPP 3030106A Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 13 10:25 2006 Quant Results File: temp.res

Method : D:\MSDCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : bbbbb
Last Update : Wed Jul 12 10:52:47 2006
Response via : Single Level Calibration





(1) Pentachlorophenol

11.37min 0.00

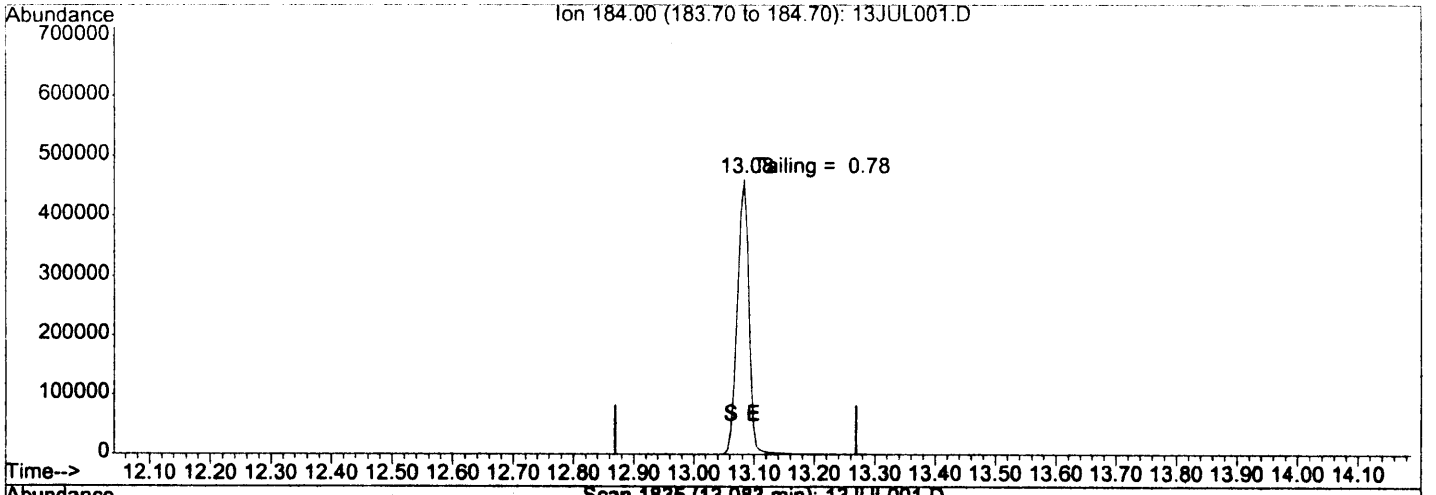
response 61020

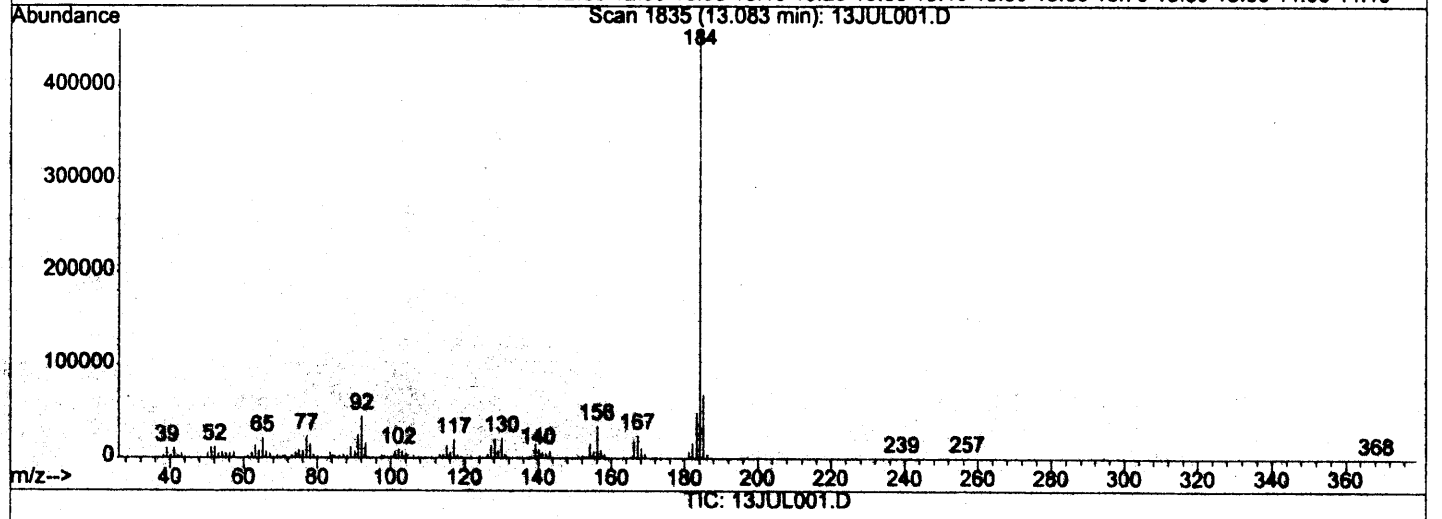
Ion	Exp%	Act%
266.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\1\DATA\060713\13JUL001.D Vial: 1
Acq On : 13 Jul 2006 9:59 am Operator:
Sample : DFTPP S030106A Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 13 10:25 2006 Quant Results File: temp.res

Method : D:\MSDCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : bbbbb
Last Update : Wed Jul 12 10:52:47 2006
Response via : Single Level Calibration





(3) Benzidine

13.08min 0.00

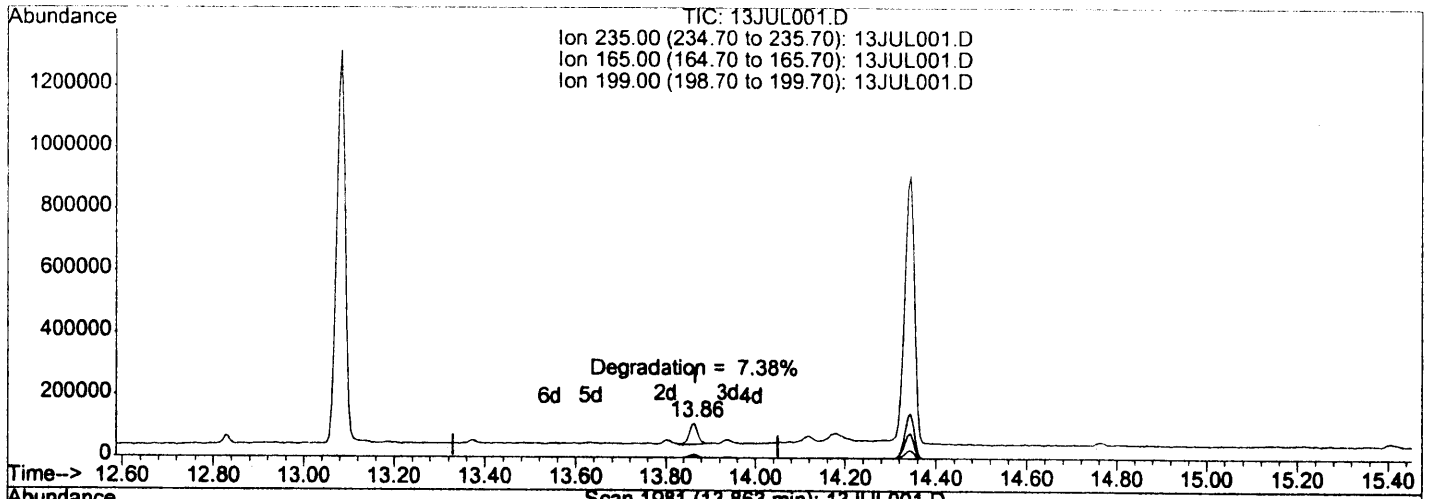
response 618134

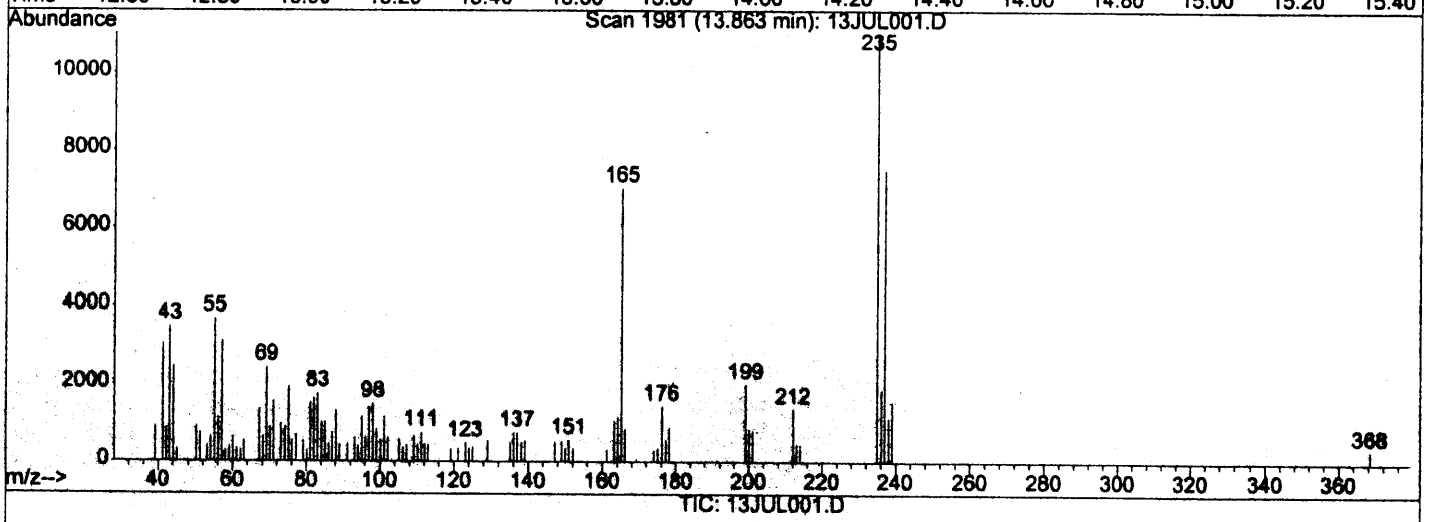
Ion	Exp%	Act%
184.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\1\DATA\060713\13JUL001.D Vial: 1
Acq On : 13 Jul 2006 9:59 am Operator:
Sample : DFTPP S030106A Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 13 10:25 2006 Quant Results File: temp.res

Method : D:\MSDCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : bbbbb
Last Update : Wed Jul 12 10:52:47 2006
Response via : Single Level Calibration





(5) DDD

13.86min 0.00

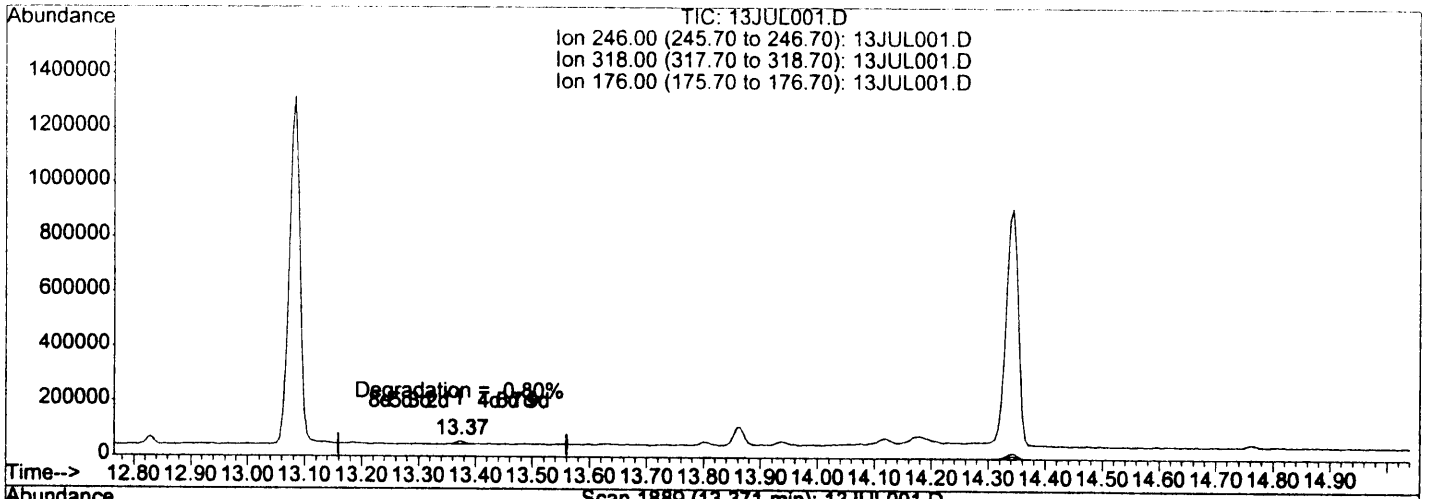
response 90696

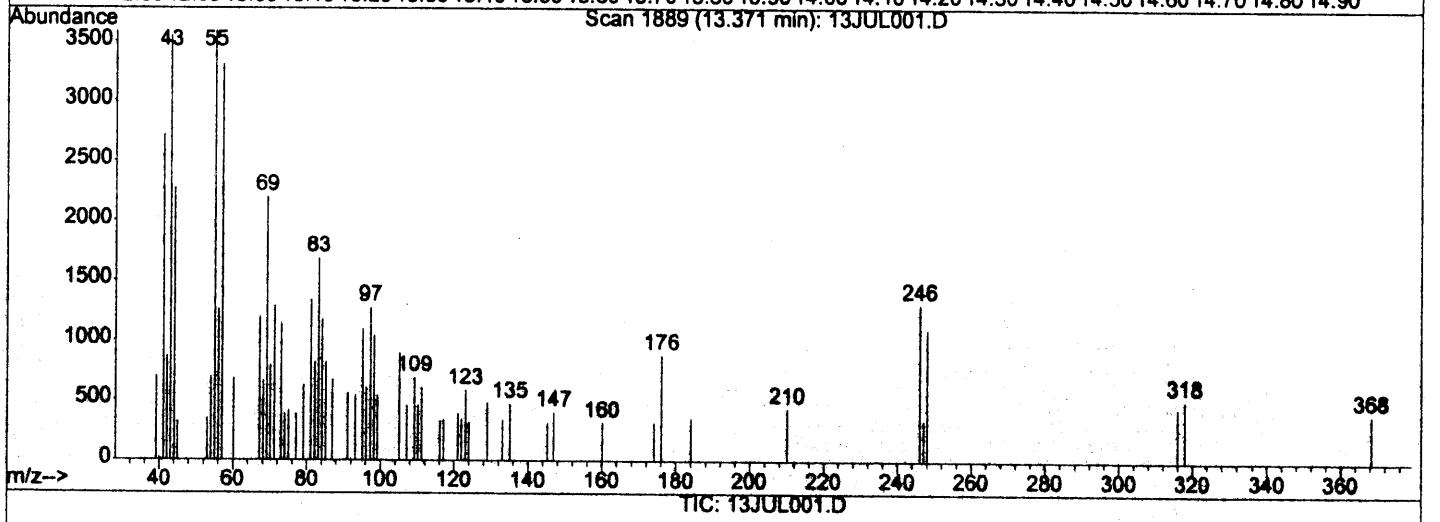
Signal	Exp%	Act%
TIC	100	100
235.00	100.00	16.03#
165.00	60.00	10.16#
199.00	13.00	3.01#

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\1\DATA\060713\13JUL001.D Vial: 1
Acq On : 13 Jul 2006 9:59 am Operator:
Sample : DFTPP S030106A Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 13 10:25 2006 Quant Results File: temp.res

Method : D:\MSDCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : bbbbb
Last Update : Wed Jul 12 10:52:47 2006
Response via : Single Level Calibration





TIC: 13JUL001.D

(6) DDE

13.37min 0.00

response 16684

Signal	Exp%	Act%
TIC	100	100
246.00	70.00	11.01#
318.00	65.00	4.08#
176.00	60.00	5.00#

Response Factor Report GCMS P

Method : D:\MSDCHEM\1\METHODS\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration

Calibration Files
160 =13JUL014.D 120 =13JUL013.D 80 =13JUL012.D
20 =13JUL011.D 1 =13JUL010.D

		Compound	160	120	80	20	1	Avg	%RSD
1)		1,4-Dioxane-d8	ISTD						
2)		1,4-Dioxane	1.081	1.122	1.151	1.237	1.099	1.138	5.37
3)	I	Naphthalene-d8	ISTD						
4)	S	Nitrobenzene-d5	0.499	0.516	0.546	0.598	0.554	0.542	7.03

(#) = Out of Range

Quantitation Report (Not Reviewed)

Data File : D:\MSDCHEM\1\DATA\060713\13JUL010.D Vial: 9
Acq On : 13 Jul 2006 3:05 pm Operator:
Sample : DIOX-1 S051706M Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 13 17:52:11 2006 Quant Results File: DIOX0713BNA0713

Quant Method : D:\MSDCHEM\1...\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration
DataAcq Meth : SVOA

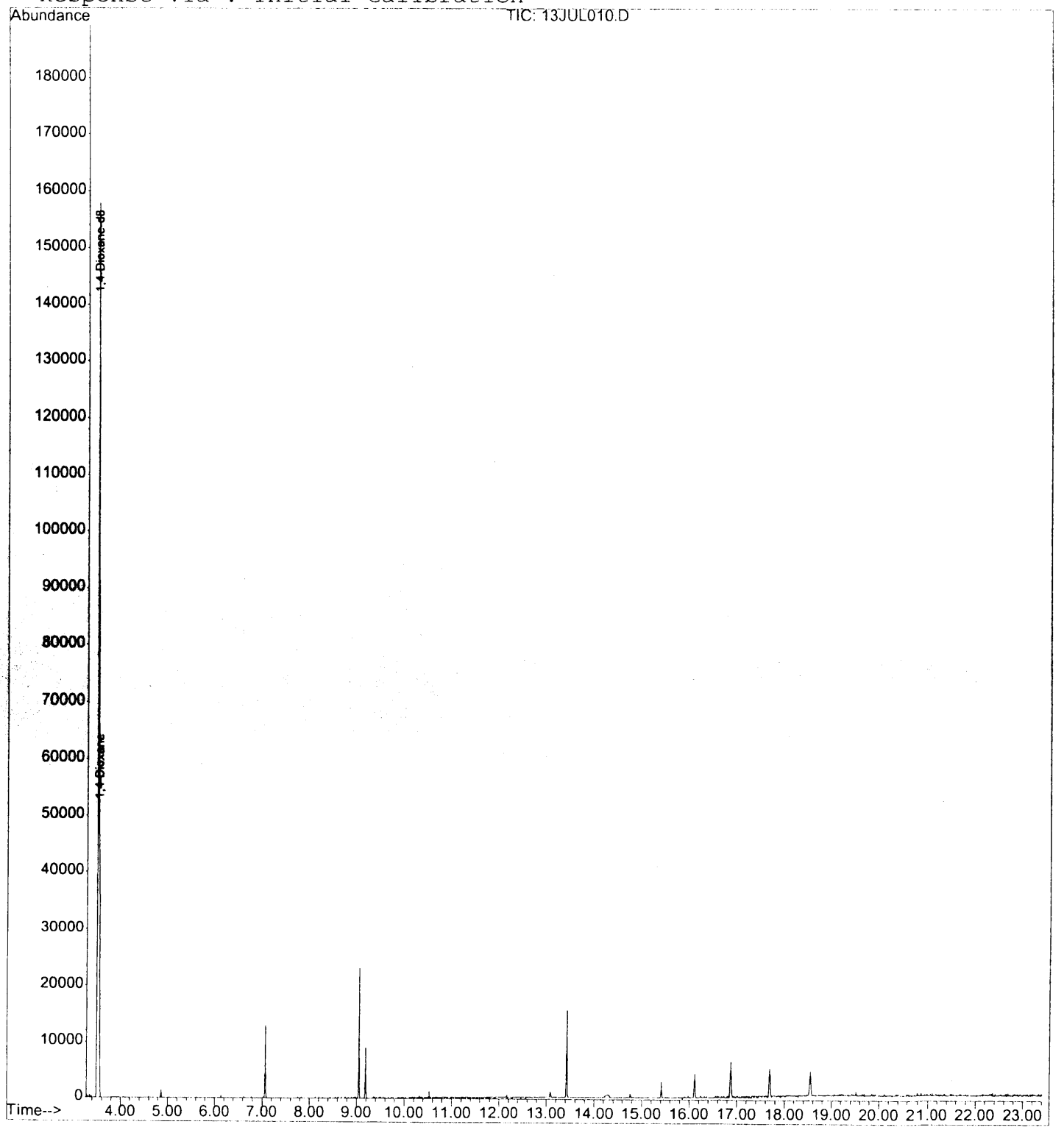
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	3.50	96	87531	40.00 mg/l	0.00
3) Naphthalene-d8	0.00	136	0	0.00 mg/l	-7.85
System Monitoring Compounds					
4) Nitrobenzene-d5	7.06	82	5474	0.00 mg/ml	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.53	88	2405	0.97 mg/l #	83

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\MSDCHEM\1\DATA\060713\13JUL010.D Vial: 9
Acq On : 13 Jul 2006 3:05 pm Operator:
Sample : DIOX-1 S051706M Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 13 17:52 2006 Quant Results File: DIOX0713BNA0

Method : D:\MSDCHEM\1\METHODS\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\MSDCHEM\1\DATA\060713\13JUL011.D Vial: 10
Acq On : 13 Jul 2006 3:36 pm Operator:
Sample : DIOX-20 S051706L Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 13 17:52:14 2006 Quant Results File: DIOX0713BNA0713

Quant Method : D:\MSDCHEM\1...\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration
DataAcq Meth : SVOA

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	3.50	96	86997	40.00	mg/l	0.00
3) Naphthalene-d8	0.00	136	0	0.00	mg/l	-7.85
System Monitoring Compounds						
4) Nitrobenzene-d5	7.06	82	114047	0.00	mg/ml	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	53795	21.73	mg/l	99

(#) = qualifier out of range (m) = manual integration

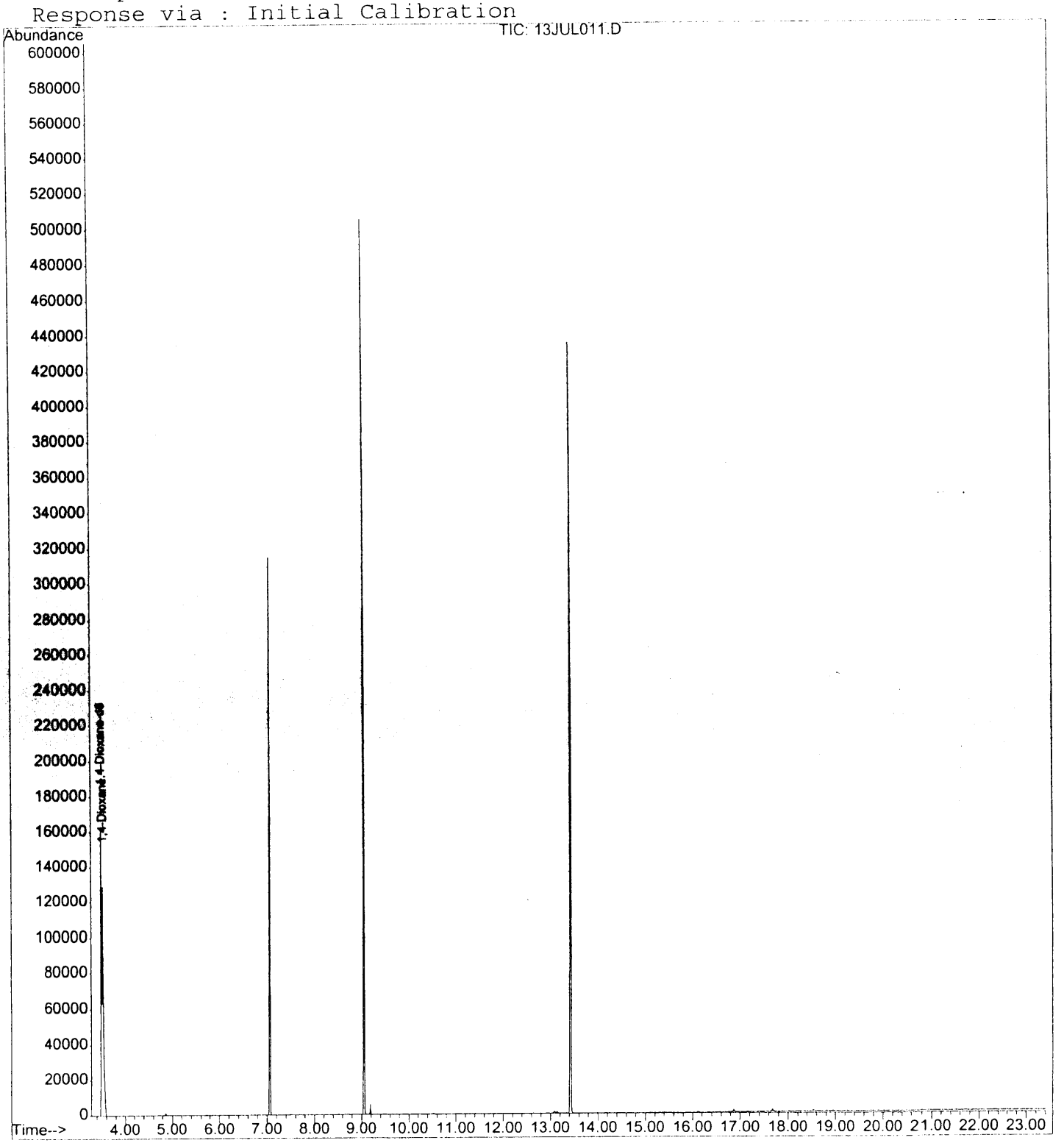
Quantitation Report (Not Reviewed)

Data File : D:\MSDCHEM\1\DATA\060713\13JUL011.D
Acq On : 13 Jul 2006 3:36 pm
Sample : DIOX-20 S051706L
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 13 17:52 2006

Vial: 10
Operator:
Inst : GCMS P
Multiplr: 1.00

Quant Results File: DIOX0713BNA0

Method : D:\MSDCHEM\1\METHODS\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\MSDCHEM\1\DATA\060713\13JUL012.D
Acq On : 13 Jul 2006 4:07 pm
Sample : DIOX-80 S051706K
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 13 17:52:17 2006

Vial: 11
Operator:
Inst : GCMS P
Multiplr: 1.00

Quant Results File: DIOX0713BNA0713

Quant Method : D:\MSDCHEM\1...\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration
DataAcq Meth : SVOA

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	3.50	96	84982	40.00 mg/l	0.00
3) Naphthalene-d8	0.00	136	0	0.00 mg/l	-7.85
System Monitoring Compounds					
4) Nitrobenzene-d5	7.07	82	407782	0.00 mg/ml	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.53	88	195661	80.93 mg/l	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\MSDCHEM\1\DATA\060713\13JUL012.D
Acq On : 13 Jul 2006 4:07 pm
Sample : DIOX-80 S051706K
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 13 17:52 2006

Vial: 11
Operator:
Inst : GCMS P
Multiplr: 1.00

Quant Results File: DIOX0713BNA0

Method : D:\MSDCHEM\1\METHODS\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration

Quantitation Report (Not Reviewed)

Data File : D:\MSDCHEM\1\DATA\060713\13JUL013.D Vial: 12
Acq On : 13 Jul 2006 4:38 pm Operator:
Sample : DIOX-120 S051706J Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 13 17:52:20 2006 Quant Results File: DIOX0713BNA0713

Quant Method : D:\MSDCHEM\1...\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration
DataAcq Meth : SVOA

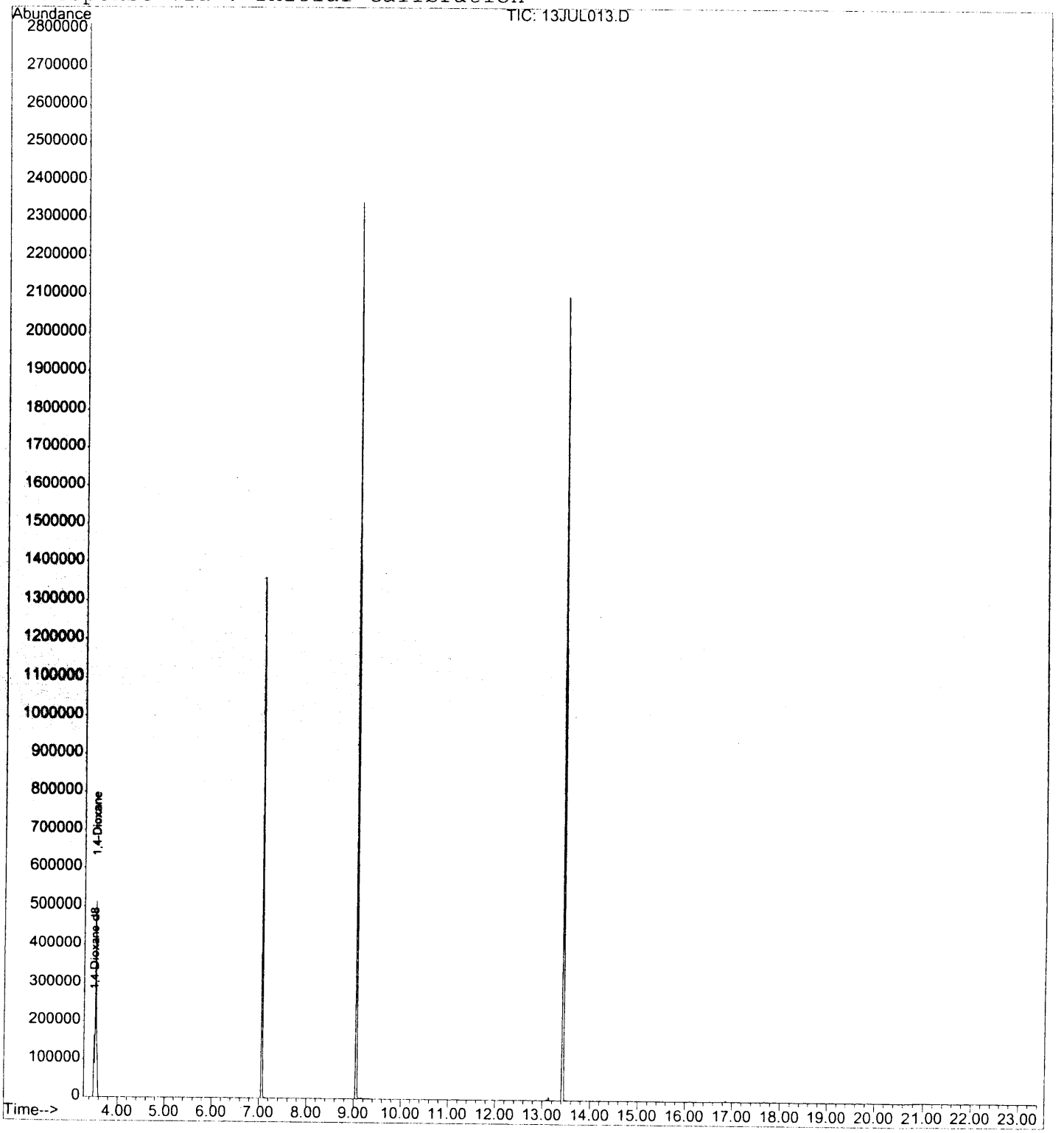
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	3.50	96	83823	40.00 mg/l	0.00
3) Naphthalene-d8	0.00	136	0	0.00 mg/l	-7.85
System Monitoring Compounds					
4) Nitrobenzene-d5	7.07	82	574005	0.00 mg/ml	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.53	88	282222	118.34 mg/l	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\MSDCHEM\1\DATA\060713\13JUL013.D Vial: 12
Acq On : 13 Jul 2006 4:38 pm Operator:
Sample : DIOX-120 S051706J Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 13 17:52 2006 Quant Results File: DIOX0713BNA0

Method : D:\MSDCHEM\1\METHODS\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\MSDCHEM\1\DATA\060713\13JUL014.D
Acq On : 13 Jul 2006 5:10 pm
Sample : DIOX-160 S0517061
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 13 17:52:23 2006

Vial: 13
Operator:
Inst : GCMS P
Multiplr: 1.00

Quant Results File: DIOX0713BNA0713

Quant Method : D:\MSDCHEM\1...\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration
DataAcq Meth : SVOA

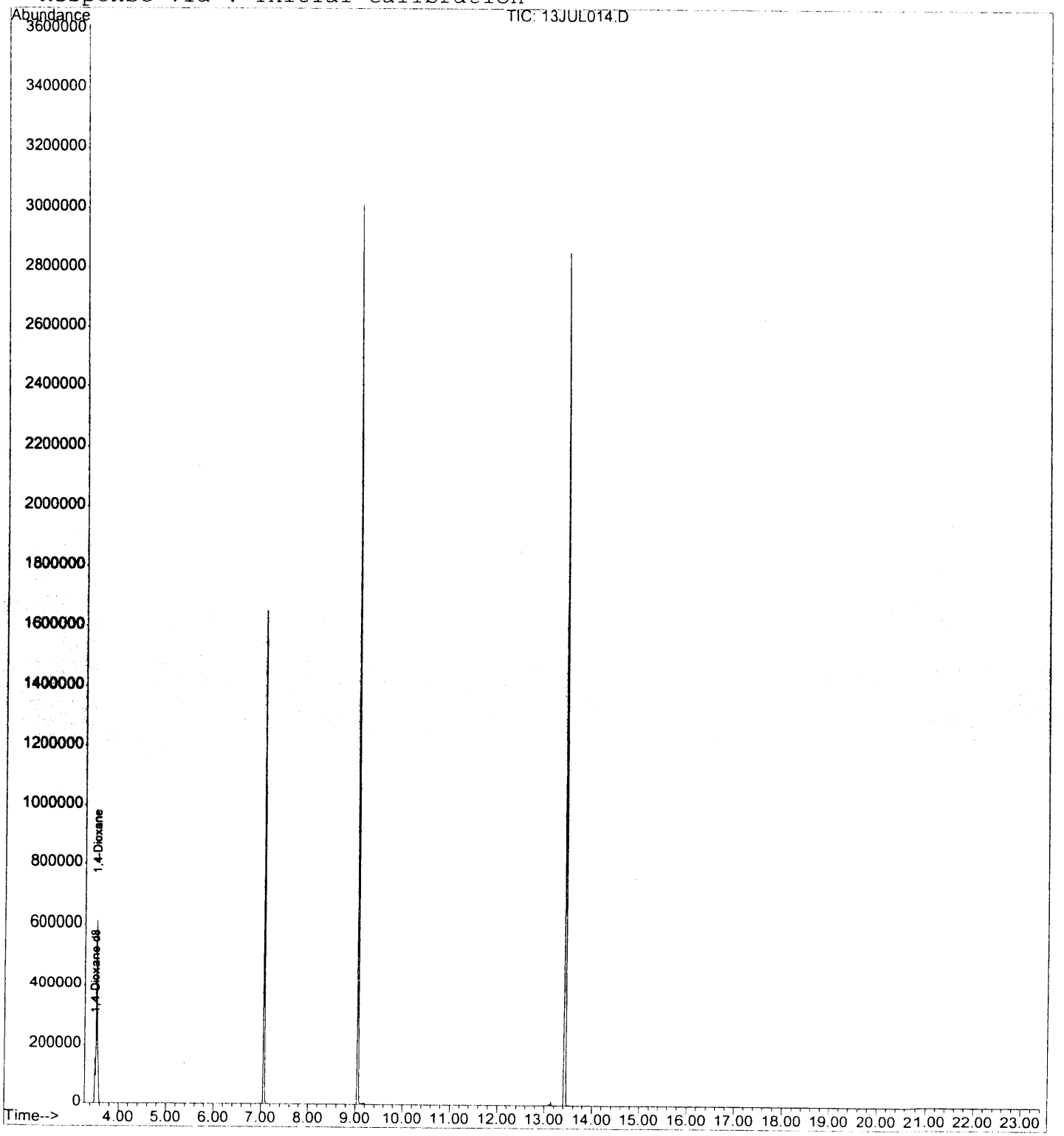
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	3.50	96	80821	40.00	mg/l	0.00
3) Naphthalene-d8	0.00	136	0	0.00	mg/l	-7.85
System Monitoring Compounds						
4) Nitrobenzene-d5	7.07	82	717103	0.00	mg/ml	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	349386	151.95	mg/l	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\MSDCHEM\1\DATA\060713\13JUL014.D Vial: 13
Acq On : 13 Jul 2006 5:10 pm Operator:
Sample : DIOX-160 S051706I Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 13 17:52 2006 Quant Results File: DIOX0713BNA0

Method : D:\MSDCHEM\1\METHODS\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060713\13JUL015.D Vial: 14
Acq On : 13 Jul 2006 5:41 pm Operator:
Sample : DIOX-80 ICV S071106A Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 13 18:09:16 2006 Quant Results File: DIOX0713BNA0713

Quant Method : D:\MSDCHEM\1...\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration
DataAcq Meth : SVOA

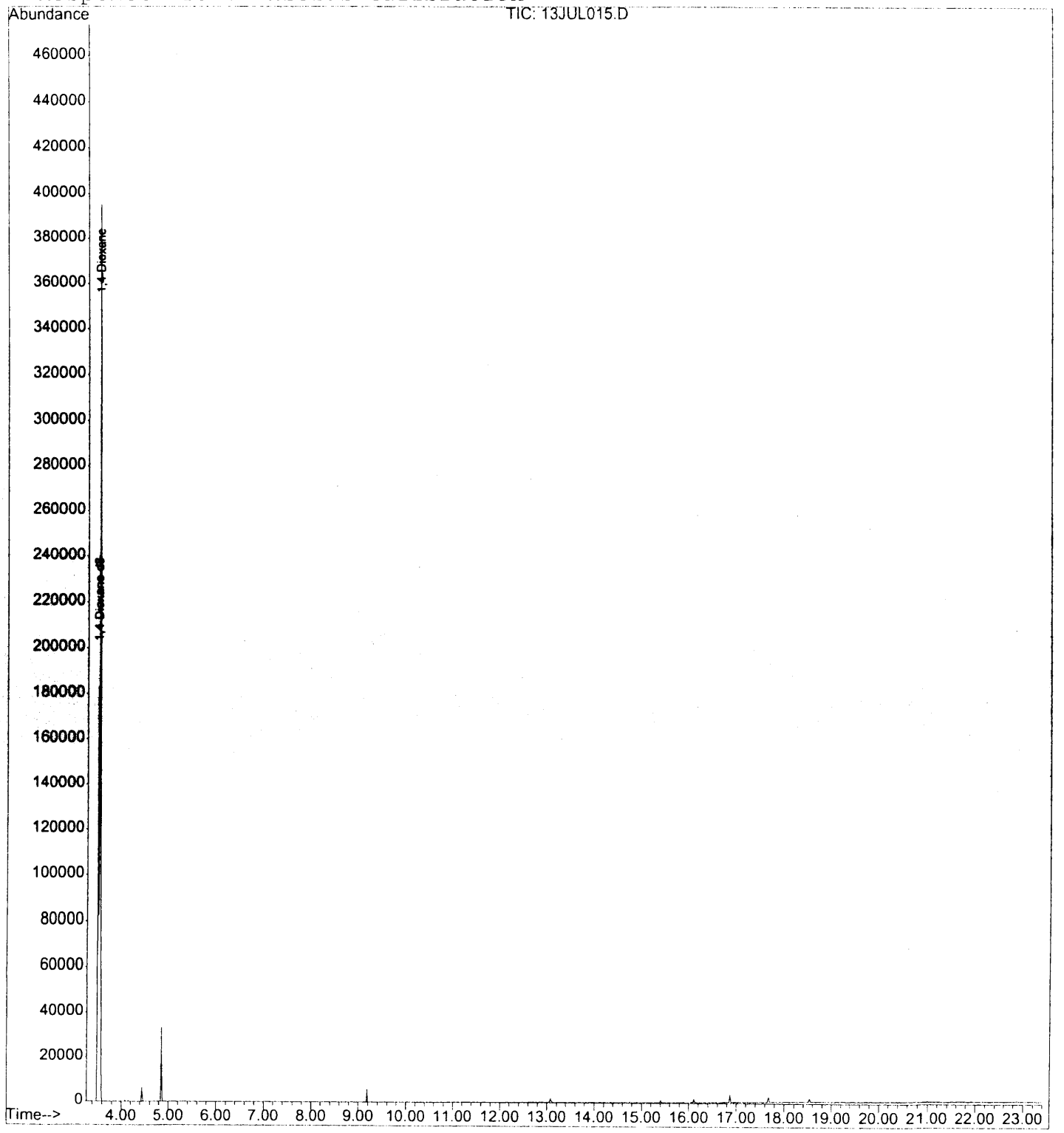
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	3.50	96	86822	40.00	mg/l	0.00
3) Naphthalene-d8	0.00	136	0	0.00	mg/l	-7.85
System Monitoring Compounds						
4) Nitrobenzene-d5	0.00	82	0	0.00	mg/ml	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	195458	79.13	mg/l	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060713\13JUL015.D Vial: 14
Acq On : 13 Jul 2006 5:41 pm Operator:
Sample : DIOX-80 ICV S071106A Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 13 18:09 2006 Quant Results File: DIOX0713BNA0

Method : D:\MSDCHEM\1\METHODS\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : D:\MSDCHEM\1\DATA\060713\13JUL015.D Vial: 14
Acq On : 13 Jul 2006 5:41 pm Operator:
Sample : DIOX-80 ICV S071106A Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p

Method : D:\MSDCHEM\1\METHODS\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1		1,4-Dioxane-d8	1.000	1.000	0.0	102	0.00
2		1,4-Dioxane	1.138	1.126	1.1	100	0.00
3	I	Naphthalene-d8	1.000	1.000	0.0	0#	-7.85#
4	S	Nitrobenzene-d5	0.542	0.000	100.0#	0#	-7.07#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Injection Log

Directory: D:\MSDCHEM\1\DATA\060729

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	29jul001.d	1.	DFTPP S030106A		29 Jul 2006 13:15
2	2	29jul002.d	1.	BNA-80 S072706D		29 Jul 2006 13:46
3	3	29jul003.d	1.	DIOX-80 S051706K		29 Jul 2006 14:18
4	50	29jul004.d	1.	DIOX MB 060724-L02		29 Jul 2006 14:50
5	51	29jul005.d	1.	DIOX LCS 060724-L02		29 Jul 2006 15:22
6	52	29jul006.d	1.	DIOX LCSD 060724-L02		29 Jul 2006 15:53
7	53	29jul007.d	1.	07-1072-1		29 Jul 2006 16:25
8	54	29jul008.d	1.	07-1072-2		29 Jul 2006 16:57
9	55	29jul009.d	1.	07-1074-1		29 Jul 2006 17:28
10	56	29jul010.d	1.	07-1074-2		29 Jul 2006 18:00
11	57	29jul011.d	1.	07-1074-3		29 Jul 2006 18:32
12	58	29jul012.d	1.	07-1074-4		29 Jul 2006 19:04
13	59	29jul013.d	1.	07-1074-2 MS		29 Jul 2006 19:36
14	60	29jul014.d	1.	07-1074-2 MSD		29 Jul 2006 20:07
15	61	29jul015.d	1.	07-1016-1		29 Jul 2006 20:39
16	62	29jul016.d	1.	07-1016-2		29 Jul 2006 21:11
17	63	29jul017.d	1.	07-1016-3		29 Jul 2006 21:42
18	64	29jul018.d	1.	07-1016-4		29 Jul 2006 22:14
19	65	29jul019.d	1.	07-1016-5		29 Jul 2006 22:46
20	66	29jul020.d	1.	07-1016-6		29 Jul 2006 23:18
21	67	29jul021.d	1.	07-1032-2 MS		29 Jul 2006 23:50
22	68	29jul022.d	1.	07-1032-2 MSD		30 Jul 2006 00:21
23	1	29jul023.d	1.	DFTPP S030106A		30 Jul 2006 00:53
24	2	29jul024.d	1.	BNA-80 S072706D		30 Jul 2006 01:25
25	3	29jul025.d	1.	DIOX-80 S051706K		30 Jul 2006 01:56
26	69	29jul026.d	1.	07-1032-1		30 Jul 2006 02:28
27	70	29jul027.d	1.	07-1032-2		30 Jul 2006 03:00
28	71	29jul028.d	1.	07-1032-3		30 Jul 2006 03:32
29	72	29jul029.d	1.	DIOX MB 060727-L12 (S)		30 Jul 2006 04:04
30	73	29jul030.d	1.	DIOX LCS 060727-L12 (S)		30 Jul 2006 04:36
31	74	29jul031.d	1.	DIOX LCSD 060727-L12 (S)		30 Jul 2006 05:09
32	75	29jul032.d	1.	07-1244-1		30 Jul 2006 05:40
33	76	29jul033.d	1.	07-1244-2		30 Jul 2006 06:12
34	77	29jul034.d	1.	07-1244-5		30 Jul 2006 06:45
35	78	29jul035.d	1.	07-1244-6		30 Jul 2006 07:16
36	79	29jul036.d	1.	07-1314-6 MS		30 Jul 2006 07:48
37	80	29jul037.d	1.	07-1314-6 MSD		30 Jul 2006 08:20
38	81	29jul038.d	1.	07-1314-1		30 Jul 2006 08:52
39	82	29jul039.d	1.	07-1314-2		30 Jul 2006 09:24
40	83	29jul040.d	1.	07-1314-5		30 Jul 2006 09:56
41	84	29jul041.d	1.	07-1314-6		30 Jul 2006 10:28
42	85	29jul042.d	1.	07-1315-1		30 Jul 2006 11:00
43	86	29jul043.d	1.	07-1315-2		30 Jul 2006 11:31
44	87	29jul044.d	1.	07-1315-5		30 Jul 2006 12:03
45	88	29jul045.d	1.	07-1315-6		30 Jul 2006 12:35
46	1	29jul046.d	1.	DFTPP S030106A		30 Jul 2006 13:07

(MS/MSD) Batch Number:

Start D=Date T=Time	pH Adjust D=Date T=Time	End D=Date T=Time	Matrix S=Soil A=Aqueous O=Oil Other(specify)	Extraction 1=3510 Sep 2=3520 C-LL 4=3540 Sox 5=3550 Son 8=3580-Dil	Client Name	Analysis	Work Order Number	Sample Initial (g/mL)	Sample Final (mL)	Solvent Lot Number	Solvent Name/ Symbol	Solvent Volume (mL)	Who	Comment
D) 7-24-06 T) 2:00	D) T)	D) 7-25-06 T) 8:30	S A O	1 2 4 5 8	GEOSYNW	1,4-Dioxane	06.07.1016.1 C	1040	2	[illegible]	[illegible]	350	JZ	PH-8
D) T)	D) T)	D) T)	S A O	1 2 4 5 8			.2 C	1050						
D) T)	D) T)	D) T)	S A O	1 2 4 5 8			.3 C	1040						
D) T)	D) T)	D) T)	S A O	1 2 4 5 8			.4 C	1050						
D) T)	D) T)	D) T)	S A O	1 2 4 5 8			.5 A	1040						
D) T)	D) T)	D) T)	S A O	1 2 4 5 8			.6 B	1020						
D) T)	D) T)	D) T)	S A O	1 2 4 5 8	CDM		.1032.1 C	1050						
D) T)	D) T)	D) T)	S A O	1 2 4 5 8			.2 C	1040						
D) T)	D) T)	D) T)	S A O	1 2 4 5 8			.3 K	1020						
D) T)	D) T)	D) T)	S A O	1 2 4 5 8			.1072.1 S	1040						
D) T)	D) T)	D) T)	S A O	1 2 4 5 8			.2 A	1020						
D) T)	D) T)	D) T)	S A O	1 2 4 5 8	BBLWC		.1074.1 E	1020						
D) T)	D) T)	D) T)	S A O	1 2 4 5 8			.2 E	1040						
D) T)	D) T)	D) T)	S A O	1 2 4 5 8			.3 E	1050						
D) T)	D) T)	D) T)	S A O	1 2 4 5 8			.4 E	1020						
D) T)	D) T)	D) T)	S A O	1 2 4 5 8	CDM		06.07.1032-2 MS	500	1.0					
D) T)	D) T)	D) T)	S A O	1 2 4 5 8			.1032-2 MSD	500	1.0					
D) T)	D) T)	D) T)	S A O	1 2 4 5 8	BBLWC		.1074-2 MS A	1040	2					
D) T)	D) T)	D) T)	S A O	1 2 4 5 8			.1074-2 MSD F	1040	2					

iewed by: _____ Date: ____/____/____

02/23/95 Revision

(MS/MSD) Spiked Sample ID Number:

Work Order Number	(LCS/MB/SA) Batch Number	Surrogate Lot Number	Surrogate Conc (ppm)	Surrogate Volume (mL)	LCS Lot Number	LCS Conc (ppm)	LCS Volume (mL)	MS/MSD Acid Lot Number	MS/MSD Acid Conc (ppm)	MS/MSD Acid Volume (mL)	MS/MSD B/N Lot Number	MS/MSD B/N Conc (ppm)	MS/MSD B/N Volume (mL)	Who	Comment
06 - 07 - 1016 - 1-6	060724 L02	E0720 06A	400	0.5											
- - 1032 - 1-3		E0622 06D	1000	0.08											
- - 1072 - 1-2															
- - 1074 - 1-4															
- BCL															
- LCS															
- LCSD					E0515 06F	1000	0.2								
06 - 07 - 1032-2 MS															
- - 1032-2 MSD				0.25 / 0.04											
- - 1074-2 MS											E0515 06F	1000	0.1		
- - 1074-2 MSD				0.5 / 0.08									0.1		
													0.2		
													0.2		

Reviewed by: _____ Date: ____ / ____ / ____

02/23/95 Revision

Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL004.D Vial: 50
Acq On : 29 Jul 2006 2:50 pm Operator:
Sample : DIOX MB 060724-L02 Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 09:37:53 2006 Quant Results File: DIOX0713BNA0713

Quant Method : D:\MSDCHEM\1...\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration
DataAcq Meth : SVOA

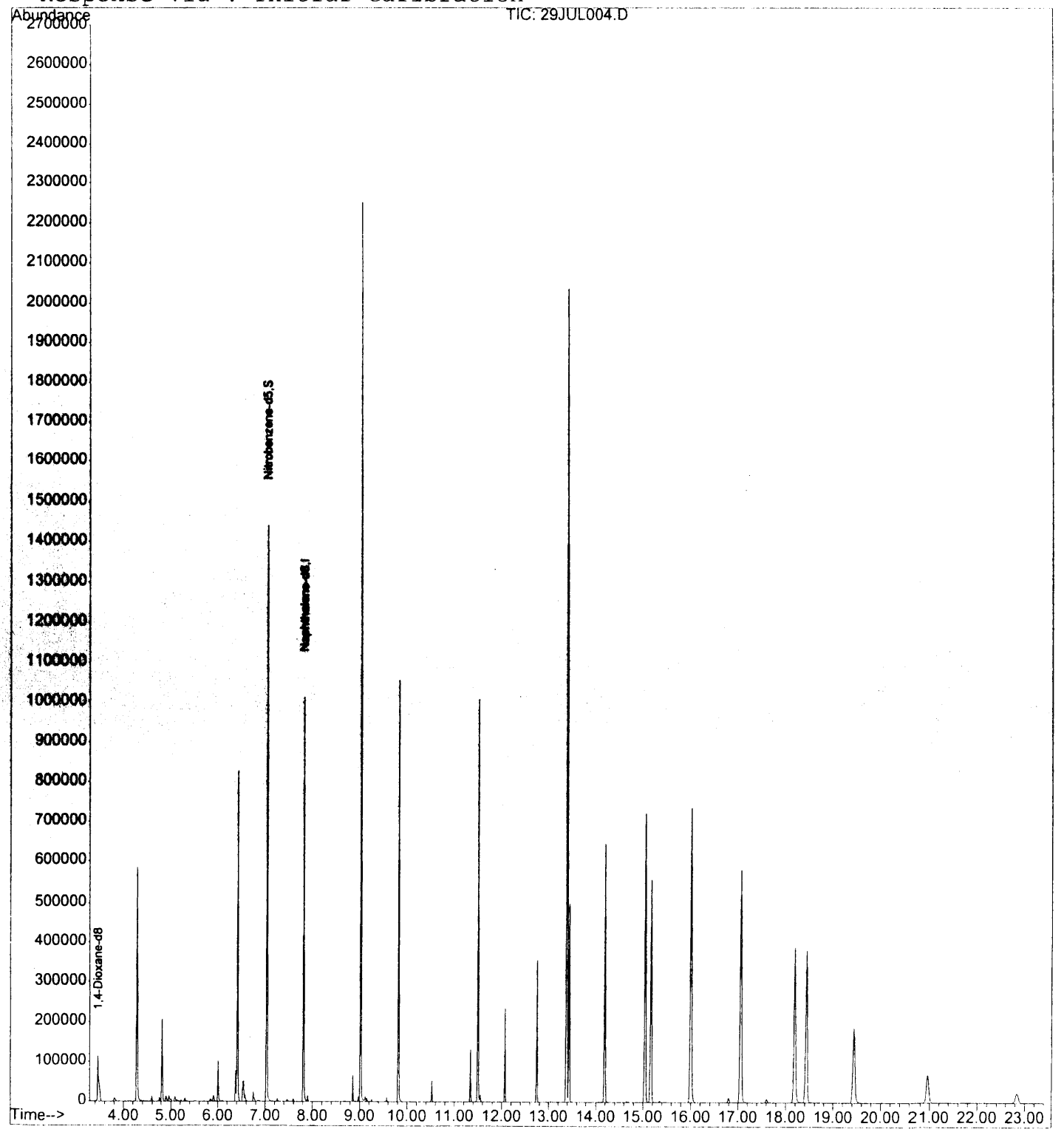
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	3.46	96	71623	40.00 mg/l	-0.04
3) Naphthalene-d8	7.81	136	456536	40.00 mg/l	-0.04
System Monitoring Compounds					
4) Nitrobenzene-d5	7.03	82	570587	92.18 mg/ml	-0.04
Target Compounds					Qvalue
2) 1,4-Dioxane	0.00	88	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL004.D Vial: 50
Acq On : 29 Jul 2006 2:50 pm Operator:
Sample : DIOX MB 060724-L02 Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 9:37 2006 Quant Results File: DIOX0713BNA0

Method : D:\MSDCHEM\1\METHODS\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL005.D Vial: 51
Acq On : 29 Jul 2006 3:22 pm Operator:
Sample : DIOX LCS 060724-L02 Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 09:38:04 2006 Quant Results File: DIOX0713BNA0713

Quant Method : D:\MSDCHEM\1...\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration
DataAcq Meth : SVOA

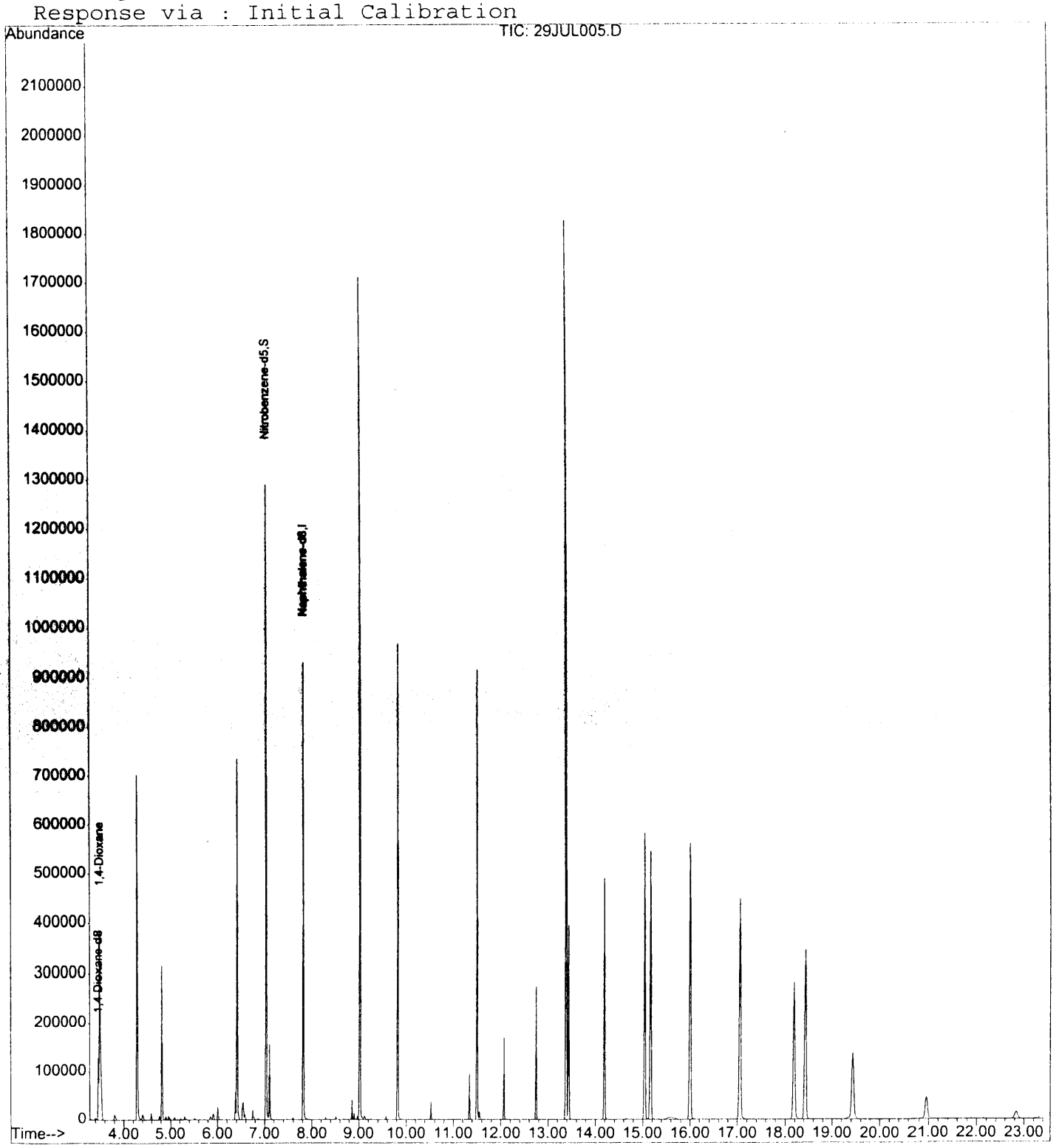
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	3.46	96	68987	40.00 mg/l	-0.04
3) Naphthalene-d8	7.81	136	410196	40.00 mg/l	-0.04
System Monitoring Compounds					
4) Nitrobenzene-d5	7.03	82	482362	86.73 mg/ml	-0.04
Target Compounds					Qvalue
2) 1,4-Dioxane	3.49	88	200409	102.11 mg/l	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL005.D Vial: 51
Acq On : 29 Jul 2006 3:22 pm Operator:
Sample : DIOX LCS 060724-L02 Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 9:38 2006 Quant Results File: DIOX0713BNA0

Method : D:\MSDCHEM\1\METHODS\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL006.D Vial: 52
Acq On : 29 Jul 2006 3:53 pm Operator:
Sample : DIOX LCSD 060724-L02 Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 09:38:10 2006 Quant Results File: DIOX0713BNA0713

Quant Method : D:\MSDCHEM\1...\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration
DataAcq Meth : SVOA

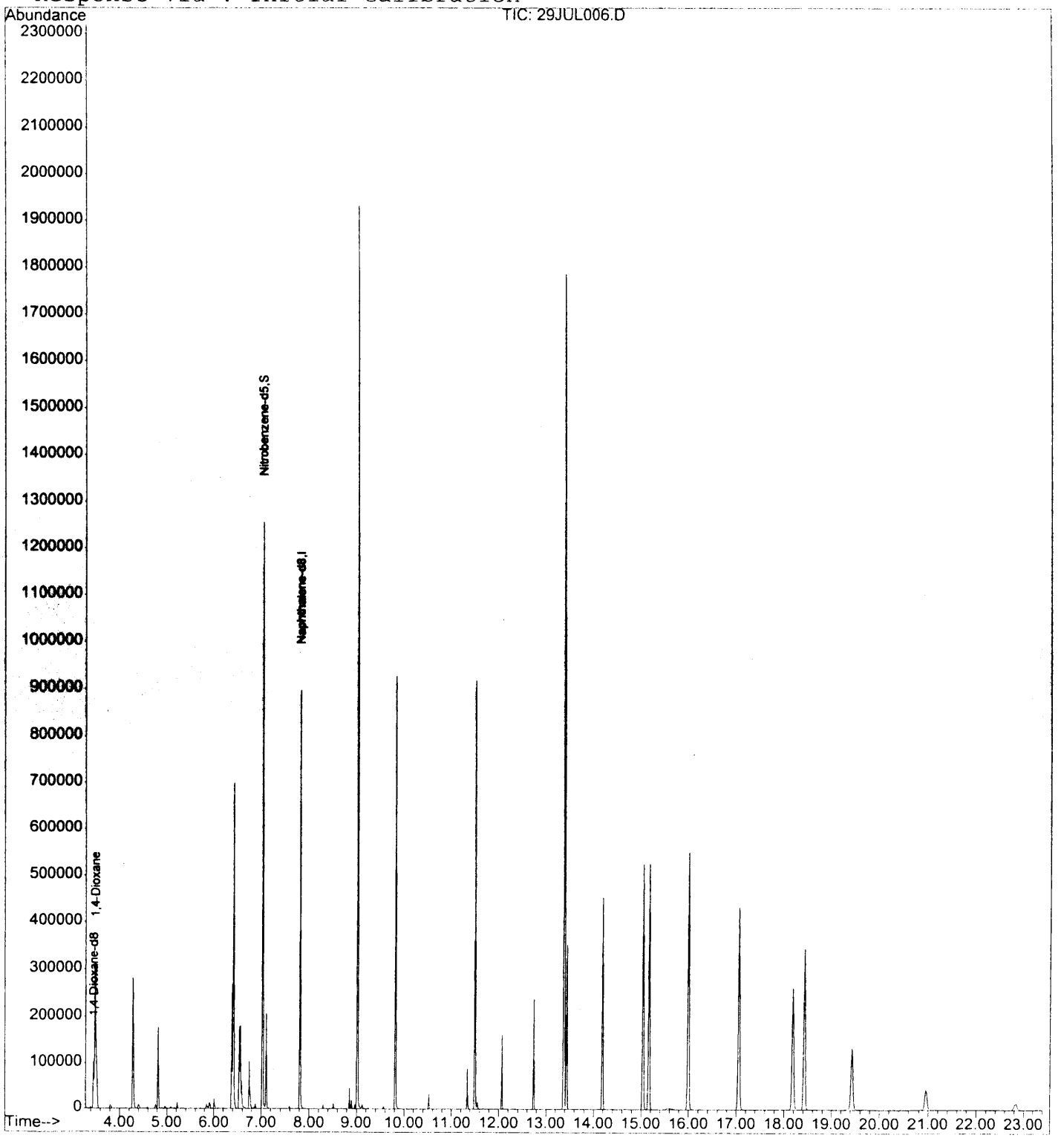
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	3.46	96	64463	40.00 mg/l	-0.04
3) Naphthalene-d8	7.81	136	390692	40.00 mg/l	-0.04
System Monitoring Compounds					
4) Nitrobenzene-d5	7.03	82	463692	87.54 mg/ml	-0.04
Target Compounds					Qvalue
2) 1,4-Dioxane	3.49	88	183625	100.12 mg/l	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL006.D Vial: 52
Acq On : 29 Jul 2006 3:53 pm Operator:
Sample : DIOX LCSD 060724-L02 Inst : GCMS F
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 9:38 2006 Quant Results File: DIOX0713PNA0

Method : D:\MSDCHEM\1\METHODS\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL021.D Vial: 67
Acq On : 29 Jul 2006 11:50 pm Operator:
Sample : 07-1032-2 MS Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 09:44:32 2006 Quant Results File: DIOX0713BNA0713

Quant Method : D:\MSDCHEM\1...\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration
DataAcq Meth : SVOA

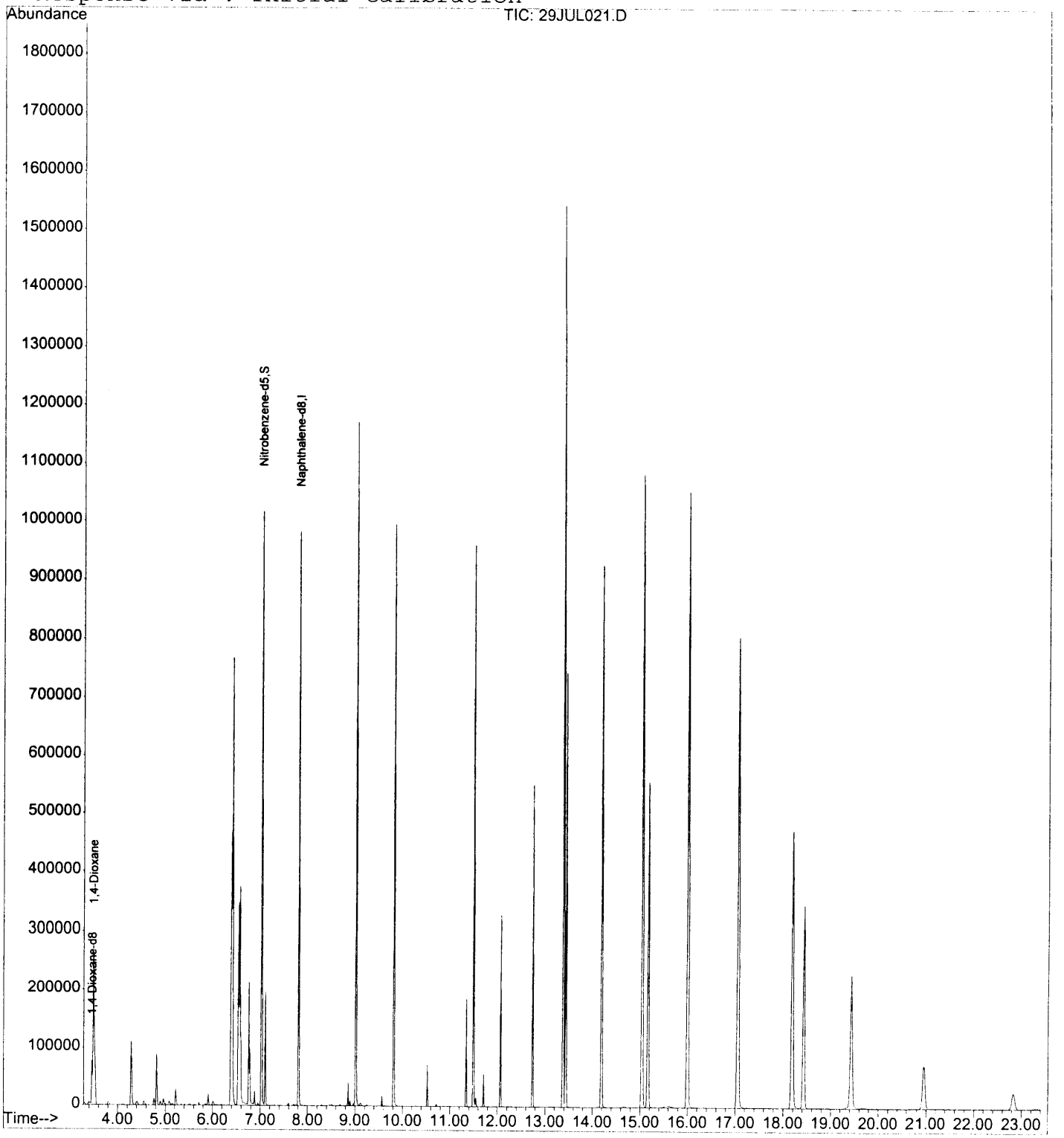
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	3.46	96	50684	40.00 mg/l	-0.04
3) Naphthalene-d8	7.81	136	412099	40.00 mg/l	-0.04
System Monitoring Compounds					
4) Nitrobenzene-d5	7.03	82	361100	64.63 mg/ml	-0.04
Target Compounds					Qvalue
2) 1,4-Dioxane	3.49	88	157290	109.08 mg/l	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL021.D Vial: 67
Acq On : 29 Jul 2006 11:50 pm Operator:
Sample : 07-1032-2 MS Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 9:44 2006 Quant Results File: DIOX0713BNA0

Method : D:\MSDCHEM\1\METHODS\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL022.D Vial: 68
Acq On : 30 Jul 2006 12:21 am Operator:
Sample : 07-1032-2 MSD Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 09:44:38 2006 Quant Results File: DIOX0713BNA0713

Quant Method : D:\MSDCHEM\1...\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration
DataAcq Meth : SVOA

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	3.46	96	42235	40.00 mg/l	-0.04
3) Naphthalene-d8	7.81	136	416179	40.00 mg/l	-0.04
System Monitoring Compounds					
4) Nitrobenzene-d5	7.03	82	323521	57.33 mg/ml	-0.04
Target Compounds					Qvalue
2) 1,4-Dioxane	3.49	88	128921	107.29 mg/l #	91

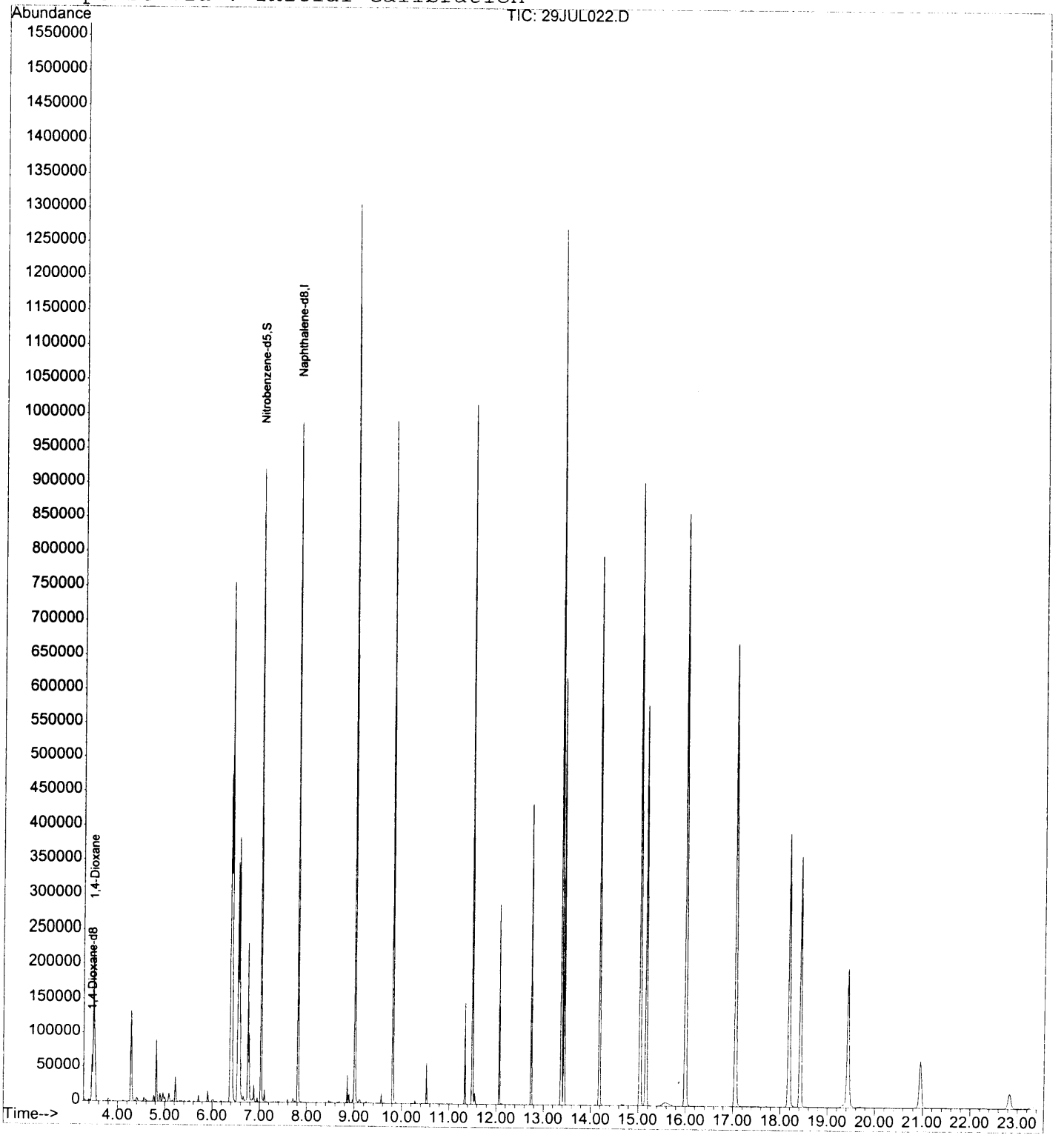
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL022.D
Acq On : 30 Jul 2006 12:21 am
Sample : 07-1032-2 MSD
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 9:44 2006

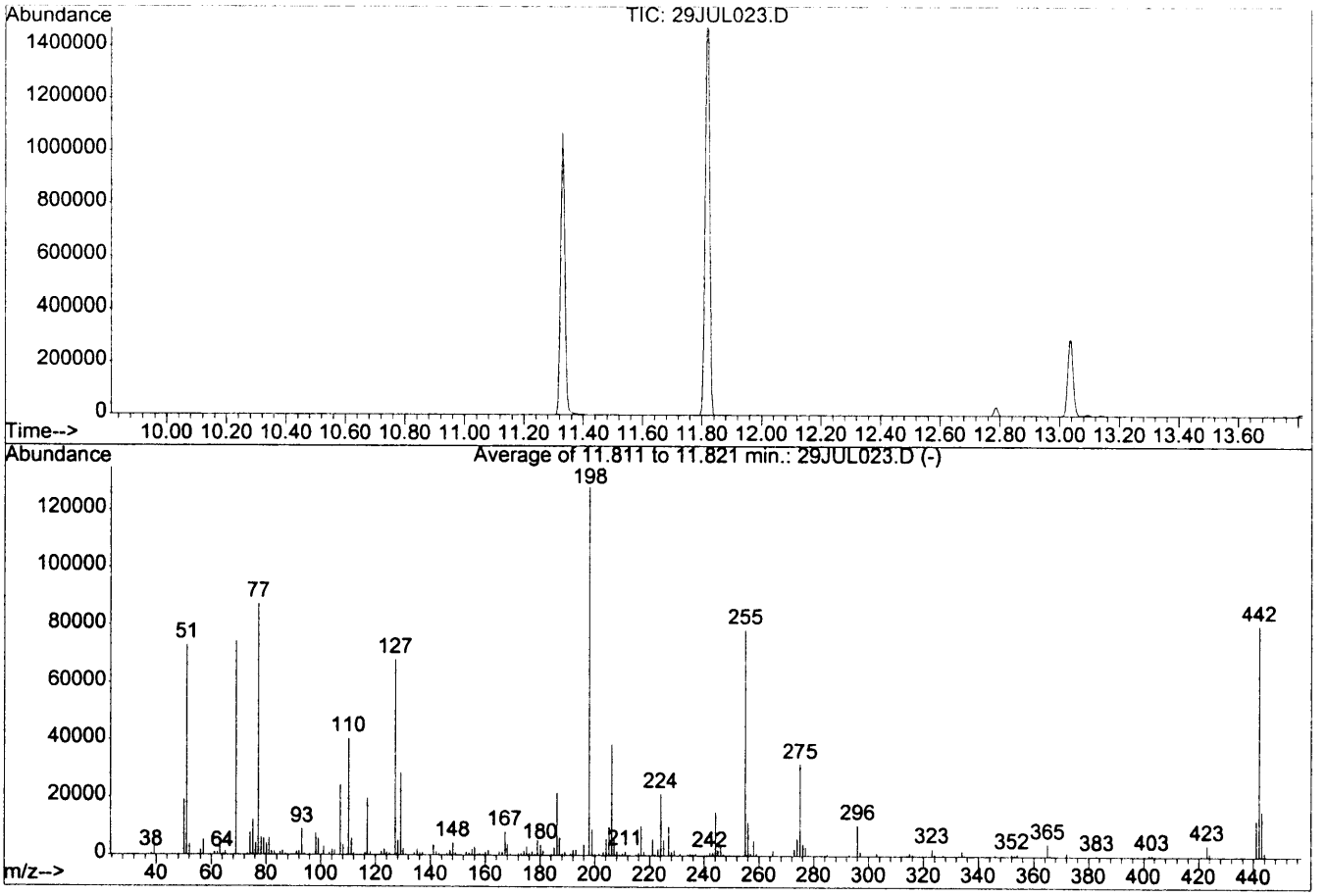
Vial: 68
Operator:
Inst : GCMS P
Multiplr: 1.00
Quant Results File: DIOX0713BNA0

Method : D:\MSDCHEM\1\METHODS\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration



DFTPP

Data File : D:\MSDCHEM\1\DATA\060729\29JUL023.D Vial: 1
Acq On : 30 Jul 2006 12:53 am Operator:
Sample : DFTPP S030106A Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Method : D:\MSDCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : bbbbb



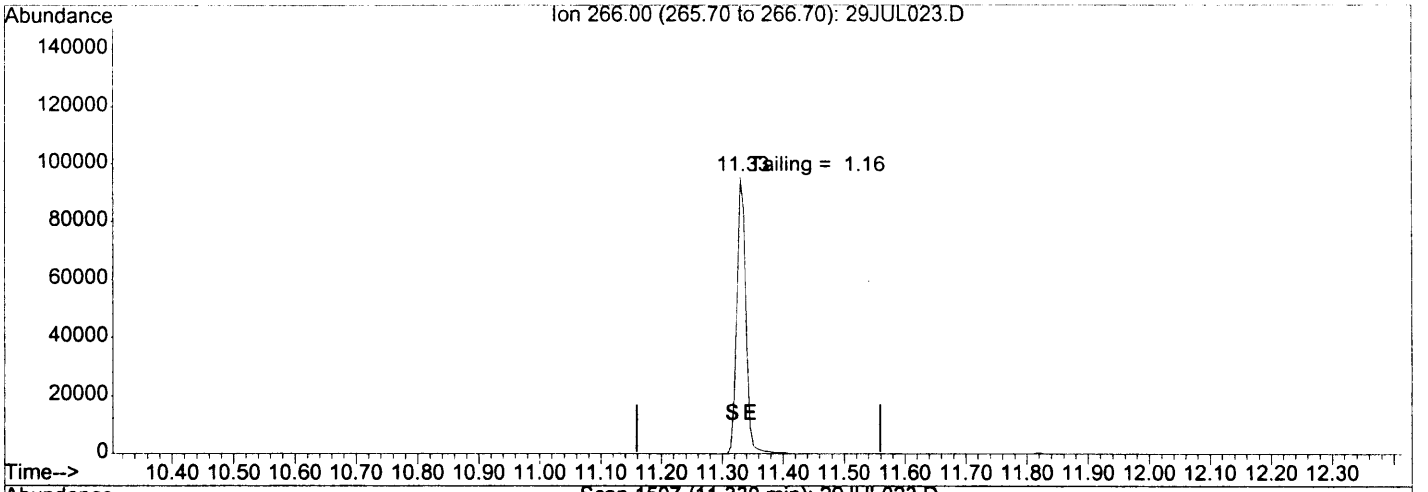
AutoFind: Scans 1597, 1598, 1599; Background Corrected with Scan 1592

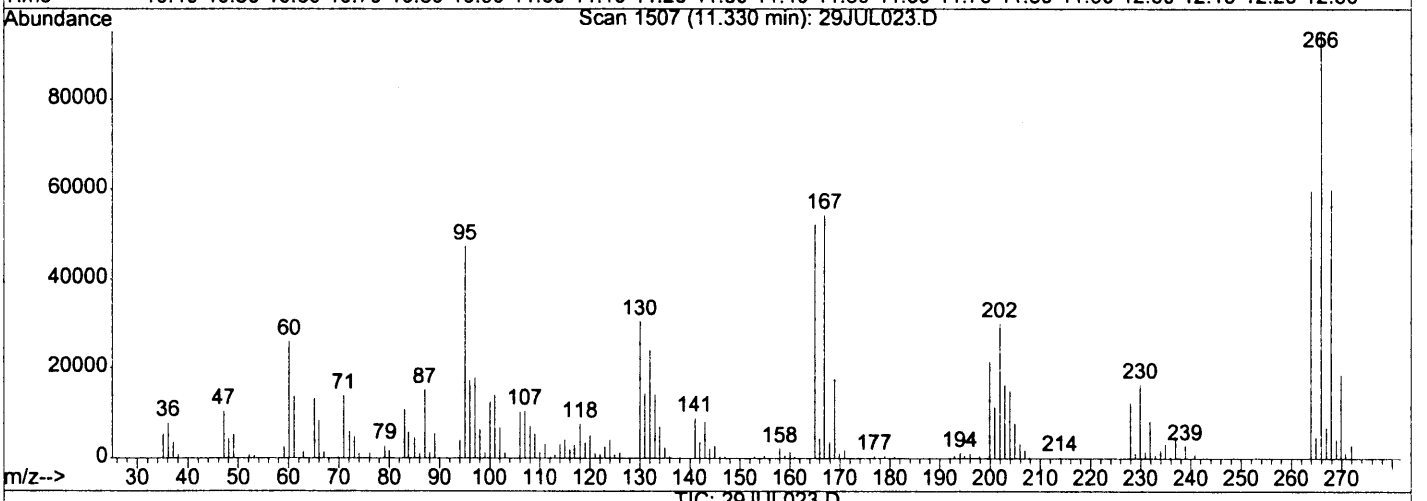
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	56.9	72954	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	58.0	74370	PASS
70	69	0.00	2	0.3	220	PASS
127	198	40	60	53.1	68018	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	128120	PASS
199	198	5	9	7.0	8939	PASS
275	198	10	30	24.7	31704	PASS
365	198	1	100	3.2	4160	PASS
441	443	0.01	100	80.1	12624	PASS
442	198	40	100	62.6	80266	PASS
443	442	17	23	19.6	15759	PASS

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL023.D Vial: 1
Acq On : 30 Jul 2006 12:53 am Operator:
Sample : DFTPP S030106A Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 9:45 2006 Quant Results File: temp.res

Method : D:\MSDCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : bbbbb
Last Update : Wed Jul 12 10:52:47 2006
Response via : Single Level Calibration





(1) Pentachlorophenol

11.33min 0.00

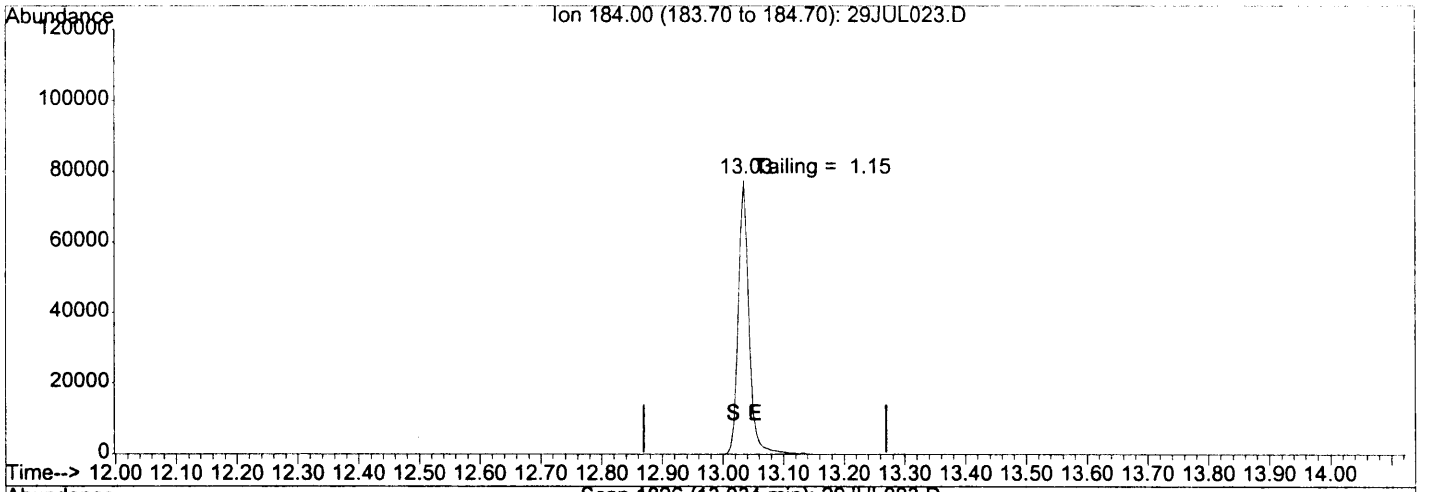
response 99707

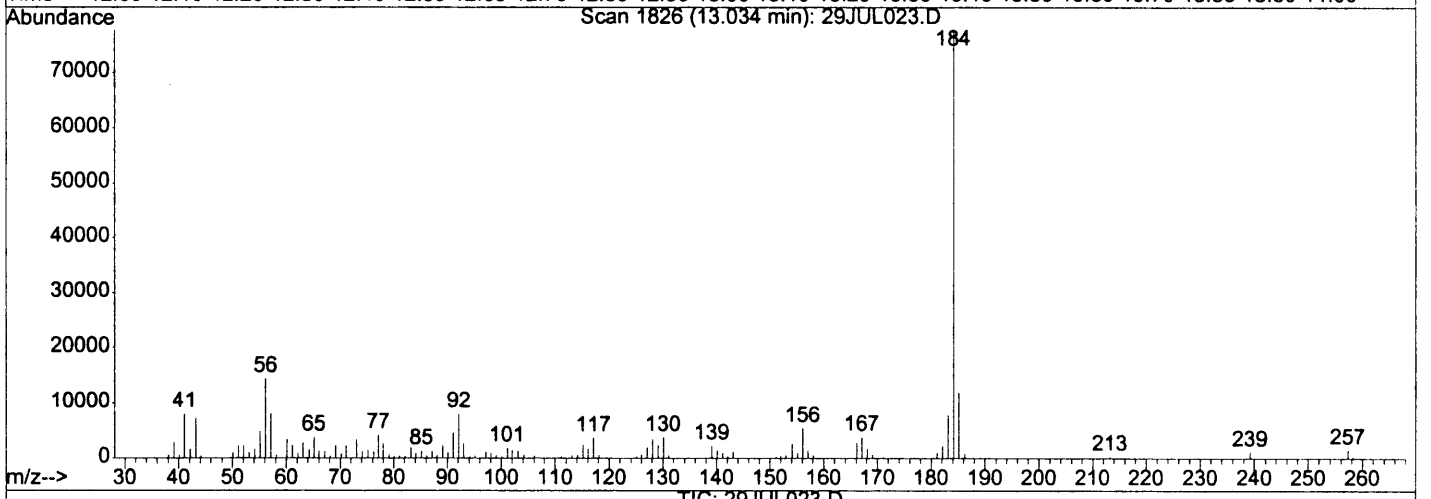
Ion	Exp%	Act%
266.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL023.D Vial: 1
Acq On : 30 Jul 2006 12:53 am Operator:
Sample : DFTPP S030106A Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 9:45 2006 Quant Results File: temp.res

Method : D:\MSDCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : bbbbb
Last Update : Wed Jul 12 10:52:47 2006
Response via : Single Level Calibration





(3) Benzidine

13.03min 0.00

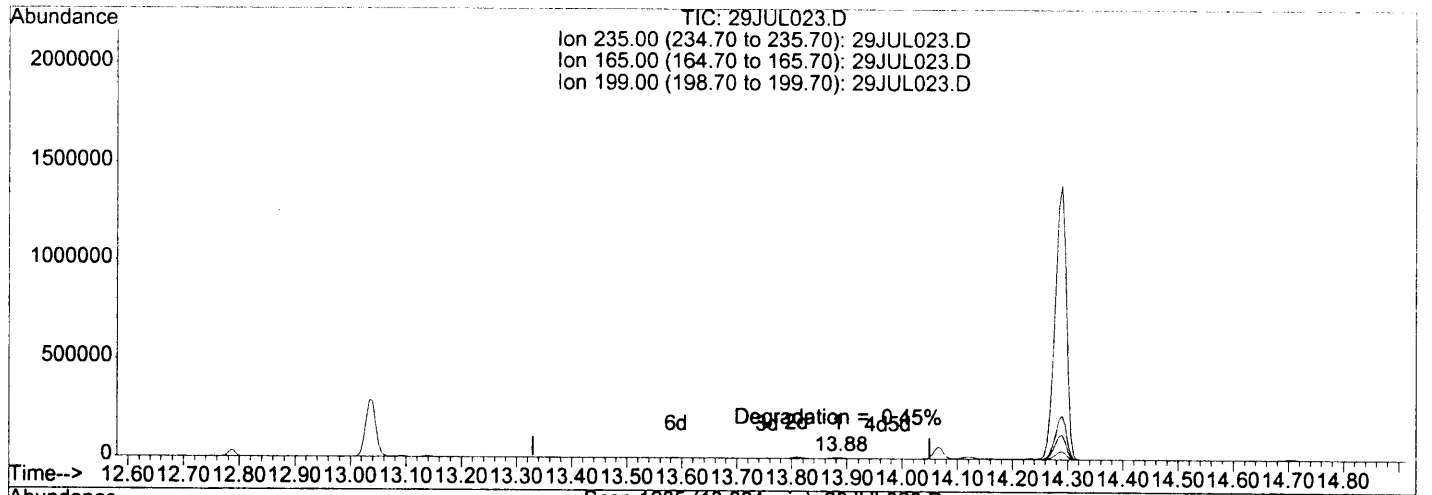
response 95563

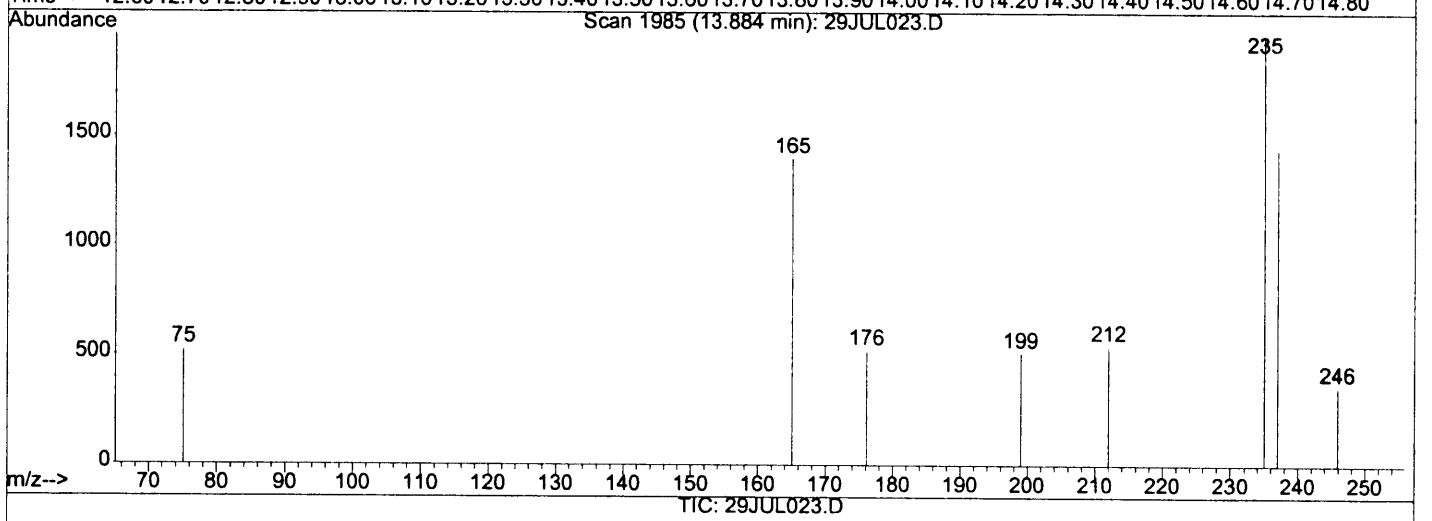
Ion	Exp%	Act%
184.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL023.D Vial: 1
Acq On : 30 Jul 2006 12:53 am Operator:
Sample : DFTPP S030106A Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 9:45 2006 Quant Results File: temp.res

Method : D:\MSDCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : bbbbb
Last Update : Wed Jul 12 10:52:47 2006
Response via : Single Level Calibration





TIC: 29JUL023.D

(5) DDD

13.88min 0.00

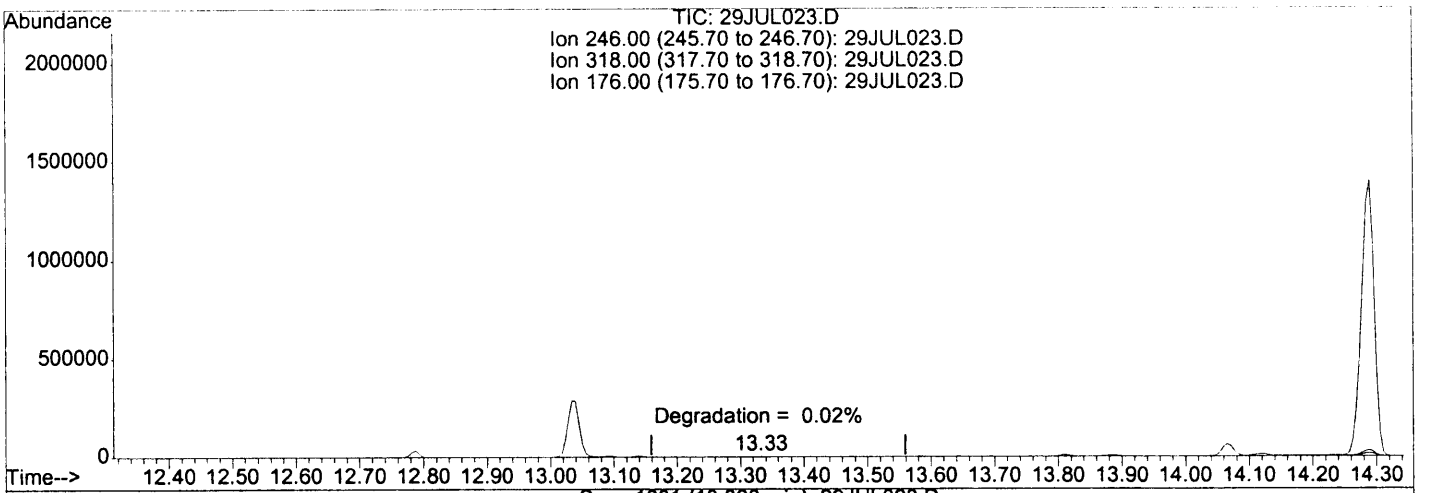
response 8863

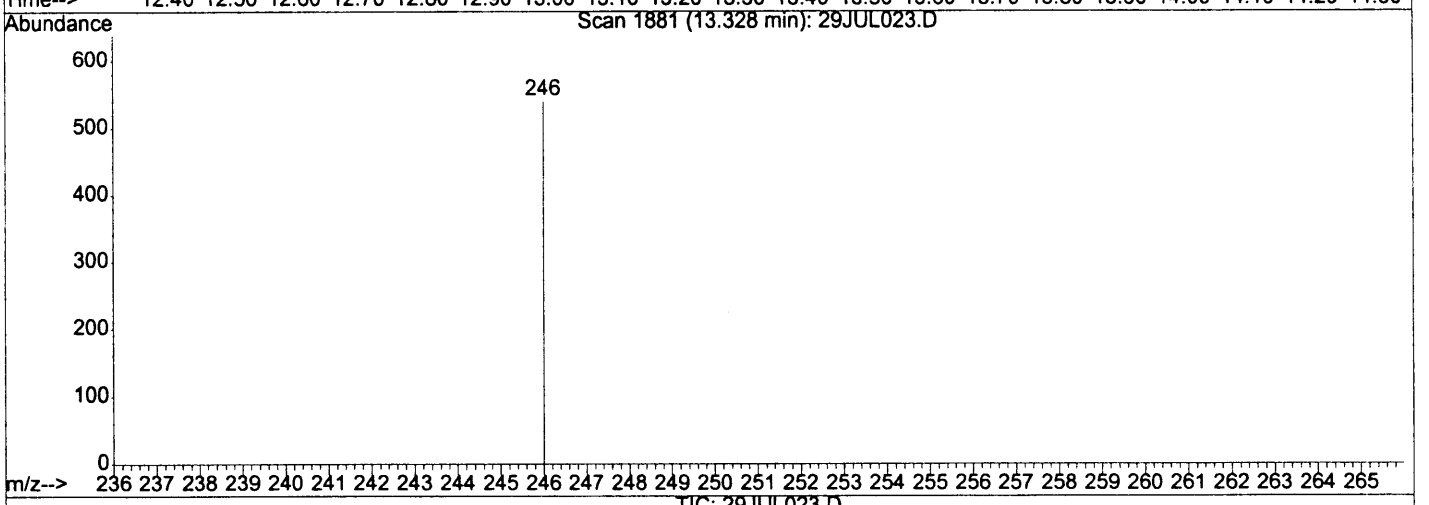
Signal	Exp%	Act%
TIC	100	100
235.00	100.00	32.42#
165.00	60.00	18.74#
199.00	13.00	4.72#

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL023.D Vial: 1
Acq On : 30 Jul 2006 12:53 am Operator:
Sample : DFTPP S030106A Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 9:45 2006 Quant Results File: temp.res

Method : D:\MSDCHEM\1\METHODS\DFTPP.M (RTE Integrator)
Title : bbbbb
Last Update : Wed Jul 12 10:52:47 2006
Response via : Single Level Calibration





TIC: 29JUL023.D

(6) DDE

13.33min 0.00

response 431

Signal	Exp%	Act%
TIC	100	100
246.00	70.00	100.00#
318.00	65.00	0.00#
176.00	60.00	0.00#

Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL025.D Vial: 3
Acq On : 30 Jul 2006 1:56 am Operator:
Sample : DIOX-80 S051706K Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 08:25:15 2006 Quant Results File: DIOX0713BNA0713

Quant Method : D:\MSDCHEM\1...\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration
DataAcq Meth : SVOA

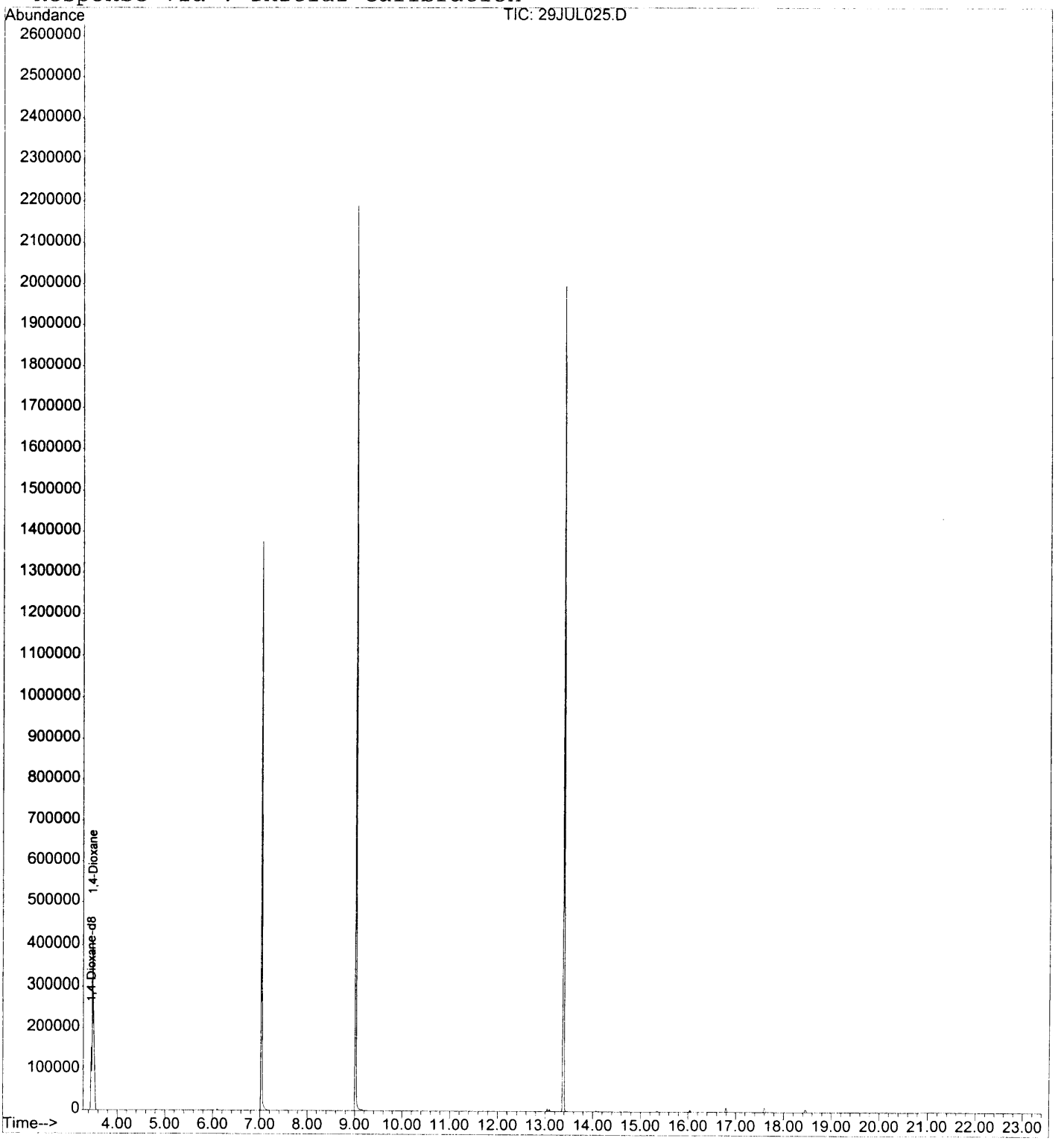
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	3.46	96	97316	40.00 mg/l	-0.04
3) Naphthalene-d8	0.00	136	0	0.00 mg/l	-7.85
System Monitoring Compounds					
4) Nitrobenzene-d5	7.03	82	530978	0.00 mg/ml	-0.04
Target Compounds					Qvalue
2) 1,4-Dioxane	3.49	88	233206	84.23 mg/l	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL025.D Vial: 3
Acq On : 30 Jul 2006 1:56 am Operator:
Sample : DIOX-80 S051706K Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 8:25 2006 Quant Results File: DIOX0713BNA0

Method : D:\MSDCHEM\1\METHODS\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : D:\MSDCHEM\1\DATA\060729\29JUL025.D Vial: 3
Acq On : 30 Jul 2006 1:56 am Operator:
Sample : DIOX-80 S051706K Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p

Method : D:\MSDCHEM\1\METHODS\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1		1,4-Dioxane-d8	1.000	1.000	0.0	115	-0.04
2		1,4-Dioxane	1.138	1.198	-5.3	119	-0.04
3	I	Naphthalene-d8	1.000	1.000	0.0	0#	-7.85#
4	S	Nitrobenzene-d5	0.542	0.000	100.0#	147	-0.04

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL026.D Vial: 69
Acq On : 30 Jul 2006 2:28 am Operator:
Sample : 07-1032-1 Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 09:55:12 2006 Quant Results File: DIOX0713BNA0713

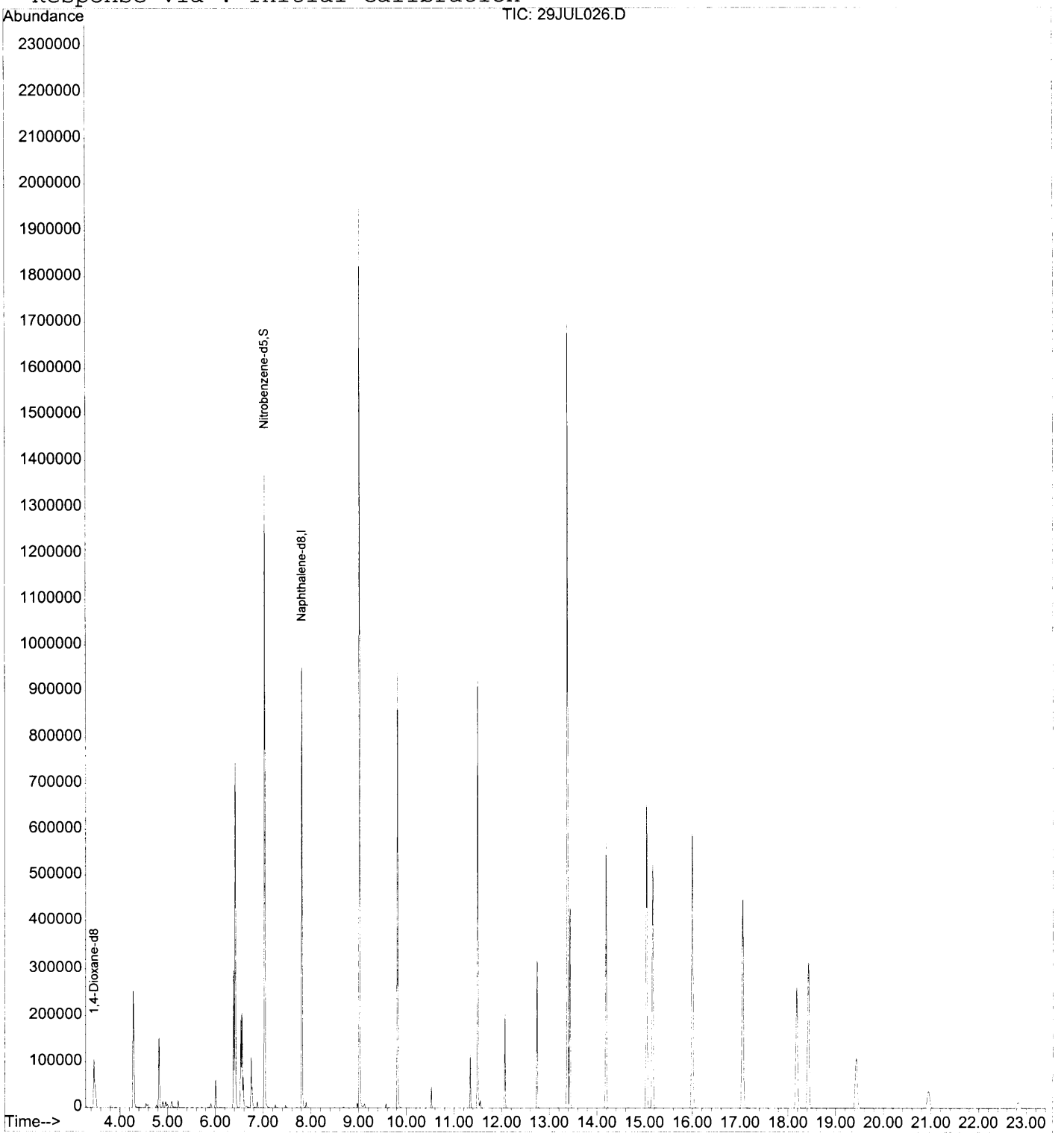
Quant Method : D:\MSDCHEM\1...\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration
DataAcq Meth : SVOA

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	3.46	96	67515	40.00 mg/l	-0.04
3) Naphthalene-d8	7.81	136	408335	40.00 mg/l	-0.04
System Monitoring Compounds					
4) Nitrobenzene-d5	7.03	82	518510	93.66 mg/ml	-0.04
Target Compounds					Qvalue
2) 1,4-Dioxane	0.00	88	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Data File : D:\MSDCHEM\1\DATA\060729\29JUL026.D Vial: 69
Acq On : 30 Jul 2006 2:28 am Operator:
Sample : 07-1032-1 Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 9:55 2006 Quant Results File: DIOX0713BNA0

Method : D:\MSDCHEM\1\METHODS\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL027.D Vial: 70
Acq On : 30 Jul 2006 3:00 am Operator:
Sample : 07-1032-2 Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 09:55:14 2006 Quant Results File: DIOX0713BNA0713

Quant Method : D:\MSDCHEM\1...\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration
DataAcq Meth : SVOA

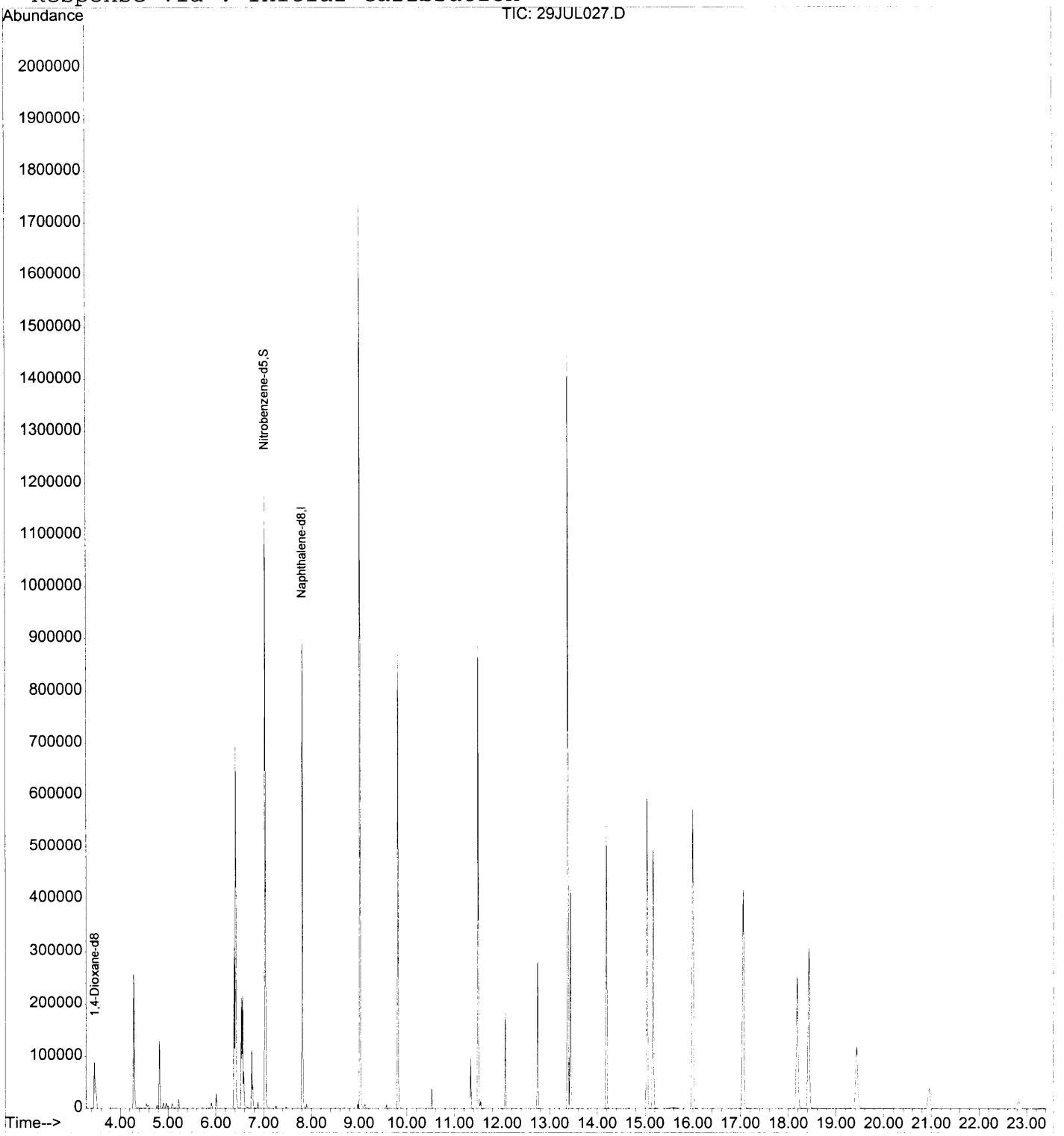
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	3.46	96	57377	40.00 mg/l	-0.04
3) Naphthalene-d8	7.81	136	376531	40.00 mg/l	-0.04
System Monitoring Compounds					
4) Nitrobenzene-d5	7.03	82	434565	85.12 mg/ml	-0.04
Target Compounds					Qvalue
2) 1,4-Dioxane	0.00	88	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL027.D Vial: 70
Acq On : 30 Jul 2006 3:00 am Operator:
Sample : 07-1032-2 Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 9:55 2006 Quant Results File: DIOX0713BNA0

Method : D:\MSDCHEM\1\METHODS\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL028.D Vial: 71
Acq On : 30 Jul 2006 3:32 am Operator:
Sample : 07-1032-3 Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 09:55:17 2006 Quant Results File: DIOX0713BNA0713

Quant Method : D:\MSDCHEM\1...\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration
DataAcq Meth : SVOA

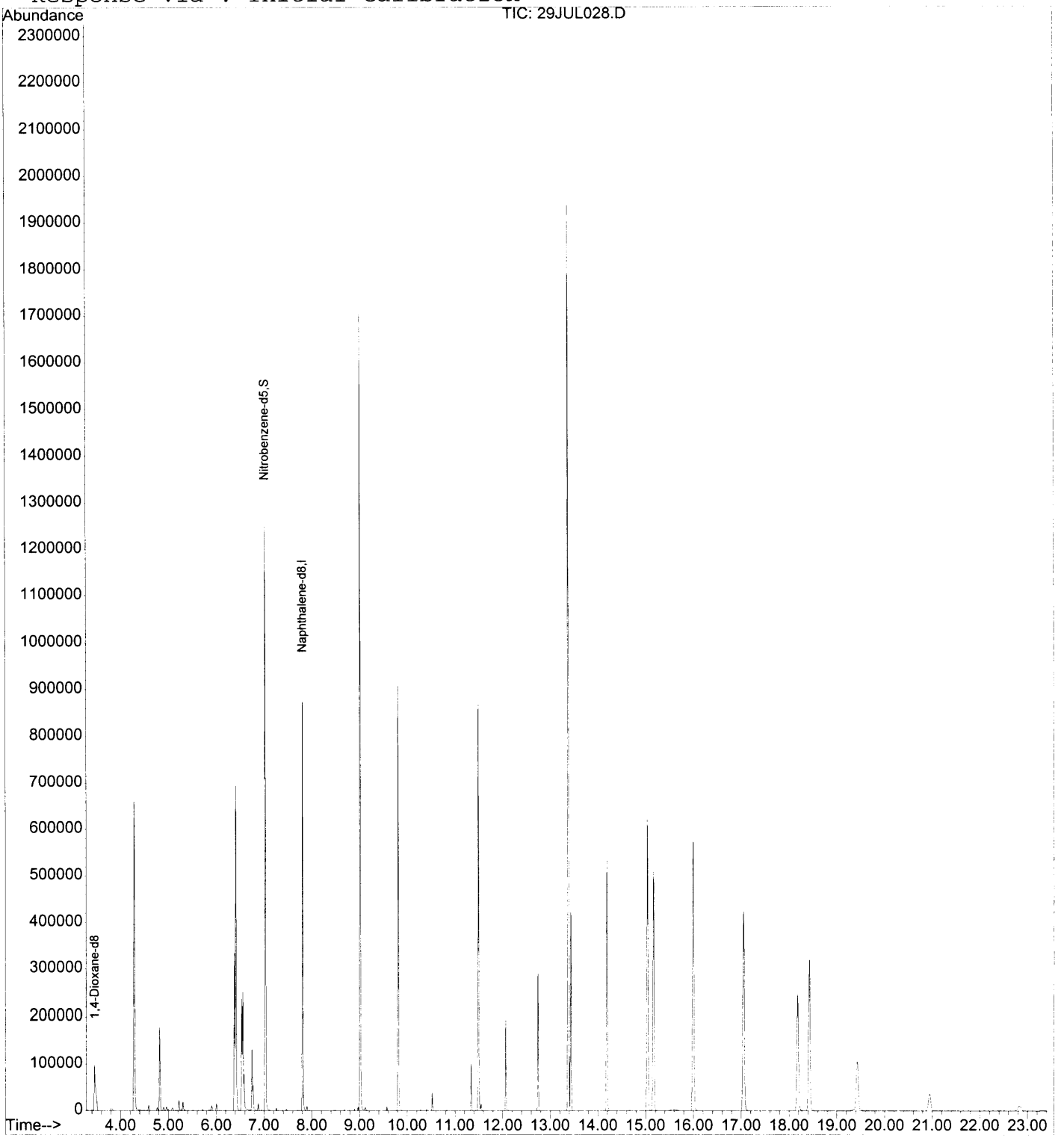
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	3.46	96	63819	40.00 mg/l	-0.04
3) Naphthalene-d8	7.81	136	376059	40.00 mg/l	-0.04
System Monitoring Compounds					
4) Nitrobenzene-d5	7.03	82	469489	92.08 mg/ml	-0.04
Target Compounds					Qvalue
2) 1,4-Dioxane	0.00	88	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL028.D Vial: 71
Acq On : 30 Jul 2006 3:32 am Operator:
Sample : 07-1032-3 Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 9:55 2006 Quant Results File: DIOX0713BNA0

Method : D:\MSDCHEM\1\METHODS\DIOX0713BNA0713.M (RTE Integrator)
Title : BNA 8270/625 CALIBRATION
Last Update : Thu Jul 13 17:49:34 2006
Response via : Initial Calibration



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Laboratories, Inc.

NDMA by EPA 1625C(M)

Camp Dresser & McKee

CEL W.O. 06-07-1032

Hewitt Landfill Groundwater

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Injection Log

Directory: C:\MSDCHEM\1\DATA\060720

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	20JUL001.D	1.	NDMA 20 PPB S061606G		20 Jul 2006 17:27
2	2	20JUL002.D	1.	NDMA 2 PPB S061606J		20 Jul 2006 17:53
3	3	20JUL003.D	1.	NDMA 10 PPB S061606H		20 Jul 2006 18:19
4	4	20JUL004.D	1.	NDMA 50 PPB S061606F		20 Jul 2006 18:46
5	5	20JUL005.D	1.	NDMA 100 PPB S061606E		20 Jul 2006 19:12
6	6	20JUL006.D	1.	NDMA 20 PPB ICV S061506L		20 Jul 2006 19:39

Response Factor Report GCMS_H

Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Mon Jul 24 09:04:14 2006
Response via : Initial Calibration

Calibration Files
2 =20JUL002.D 10 =20JUL003.D 20 =20JUL001.D
50 =20JUL004.D 100 =20JUL005.D

		Compound	2	10	20	50	100	Avg	%RSD
1)	I	N-Nitrosodimethylamin	----------ISTD----------						
2)	T	N-Nitrosodimethyl	0.993	0.924	1.022	1.136	1.305	1.076	13.86
3)	S	1,4-Dichlorobenze	3.535	3.423	3.060	2.618	2.948	3.117	11.89

(4) = Out of Range

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060720\20JUL001.D
Acq On : 20 Jul 2006 5:27 pm
Sample : NDMA 20 PPB S061606G
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 08:30:38 2006

Vial: 1
Operator: SK
Inst : GCMS H
Multiplr: 1.00

Quant Results File: NDMA060615.RES

Quant Method : C:\MSDCHEM\1\METHODS\NDMA060615.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Jul 20 17:20:20 2006
Response via : Initial Calibration
DataAcq Meth : NDMASIM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.27	80	3648m	20.00	ug/l	0.00
System Monitoring Compounds						
3) 1,4-Dichlorobenzene-d4	5.63	150	11164	23.99	ug/l	0.00
Spiked Amount 20.000			Recovery	=	119.95%	
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.29	74	3728m	21.33	ug/l	

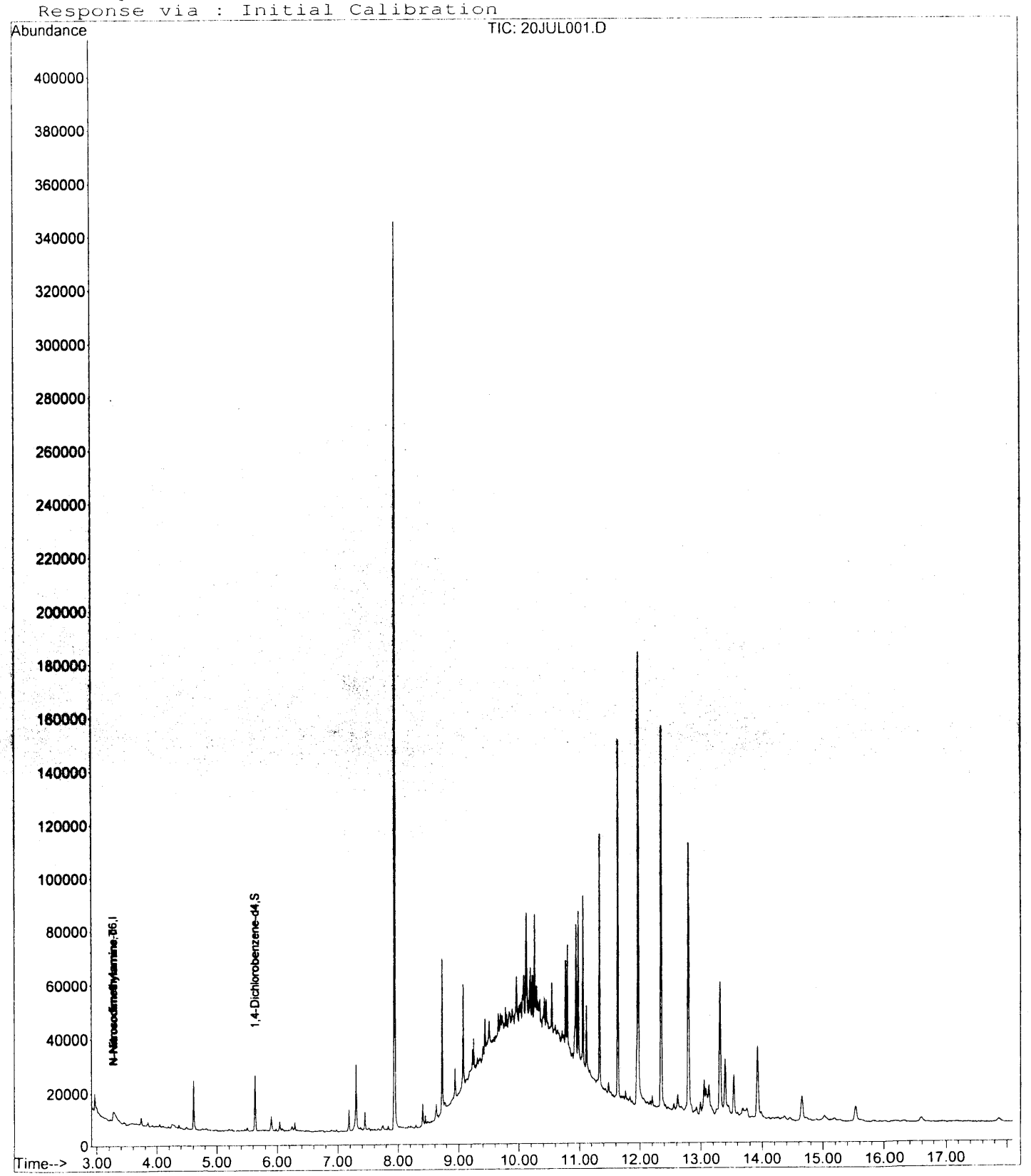
(#) = qualifier out of range (m) = manual integration
20JUL001.D NDMA060720.M Mon Jul 24 10:02:41 2006

Quantitation Report (OT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060720\20JUL001.D
Acq On : 20 Jul 2006 5:27 pm
Sample : NDMA 20 PPB S061606G
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 8:31 2006

Vial: 1
Operator: SK
Inst : GCMS H
Multiplr: 1.00
Quant Results File: NDMA060615.RES

Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Mon Jul 24 09:04:14 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060720\20JUL002.D Vial: 2
Acq On : 20 Jul 2006 5:53 pm Operator: SK
Sample : NDMA 2 PPB S061606J Inst : GCMS_II
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 21 08:31:37 2006 Quant Results File: NDMA060615.RES

Quant Method : C:\MSDCHEM\1\METHODS\NDMA060615.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 21 08:31:27 2006
Response via : Initial Calibration
DataAcq Meth : NDMASIM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.26	80	1904m	20.00	ug/l	0.00
System Monitoring Compounds						
3) 1,4-Dichlorobenzene-d4	5.63	150	673m	2.77	ug/l	0.00
Spiked Amount 20.000			Recovery	=	13.85%	
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.39	74	189m	2.07	ug/l	

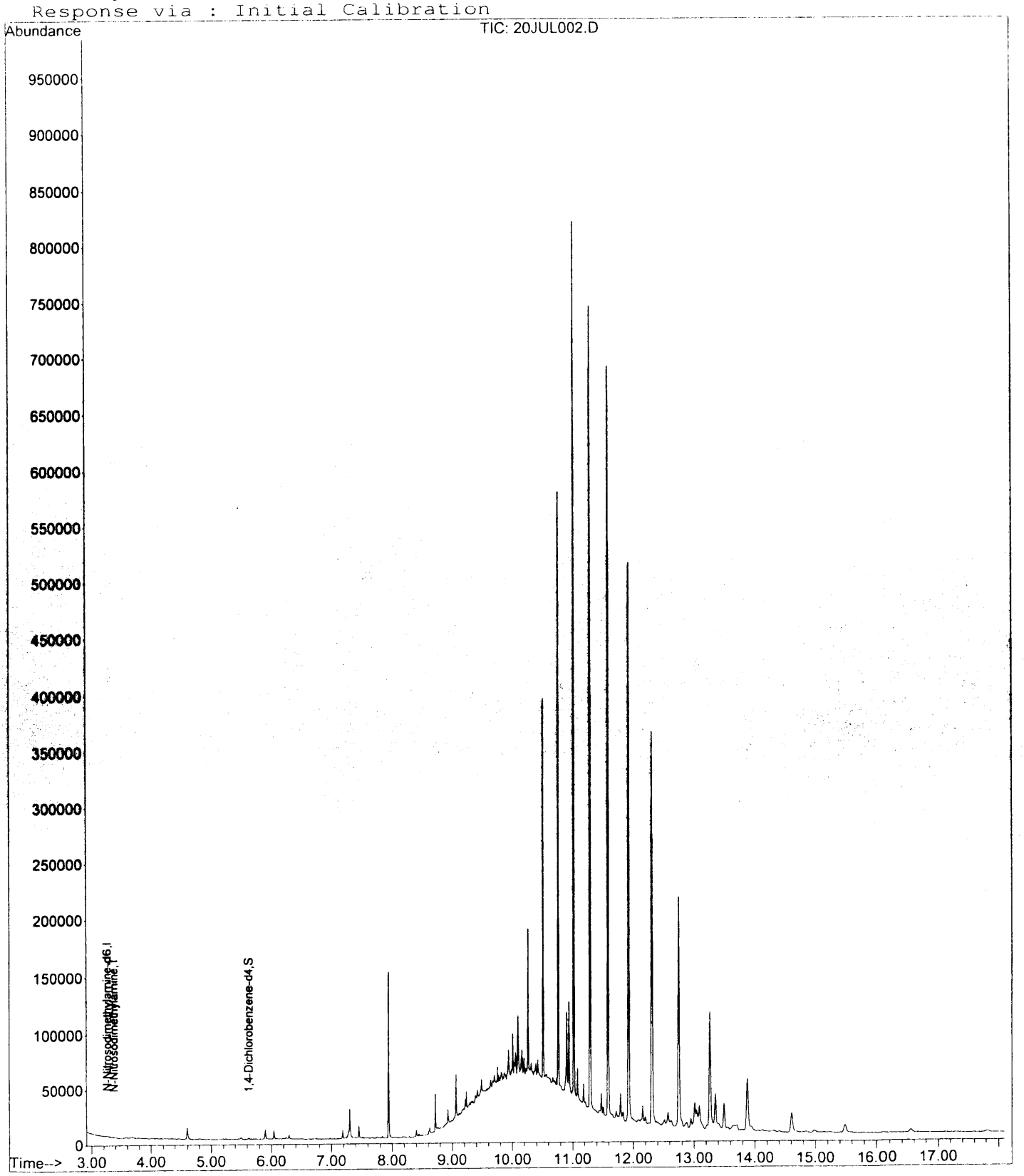
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060720\20JUL002.D
Acq On : 20 Jul 2006 5:53 pm
Sample : NDMA 2 PPB S061606J
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 8:59 2006

Vial: 2
Operator: SK
Inst : GCMS_II
Multiplr: 1.00
Quant Results File: NDMA060615.RE

Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Mon Jul 24 09:04:14 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060720\20JUL003.D
Acq On : 20 Jul 2006 6:19 pm
Sample : NDMA 10 PPB S061606H
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 08:32:36 2006

Vial: 3
Operator: SK
Inst : GCMS_H
Multiplr: 1.00

Quant Results File: NDMA060615.RES

Quant Method : C:\MSDCHEM\1\METHODS\NDMA060615.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 21 08:31:27 2006
Response via : Initial Calibration
DataAcq Meth : NDMASIM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.28	80	3335m	20.00 ug/l	0.01
System Monitoring Compounds					
3) 1,4-Dichlorobenzene-d4	5.63	150	5708m	13.42 ug/l	0.00
Spiked Amount 20.000			Recovery	= 67.10%	
Target Compounds					Qvalue
2) N-Nitrosodimethylamine	3.31	74	1540m	9.64 ug/l	

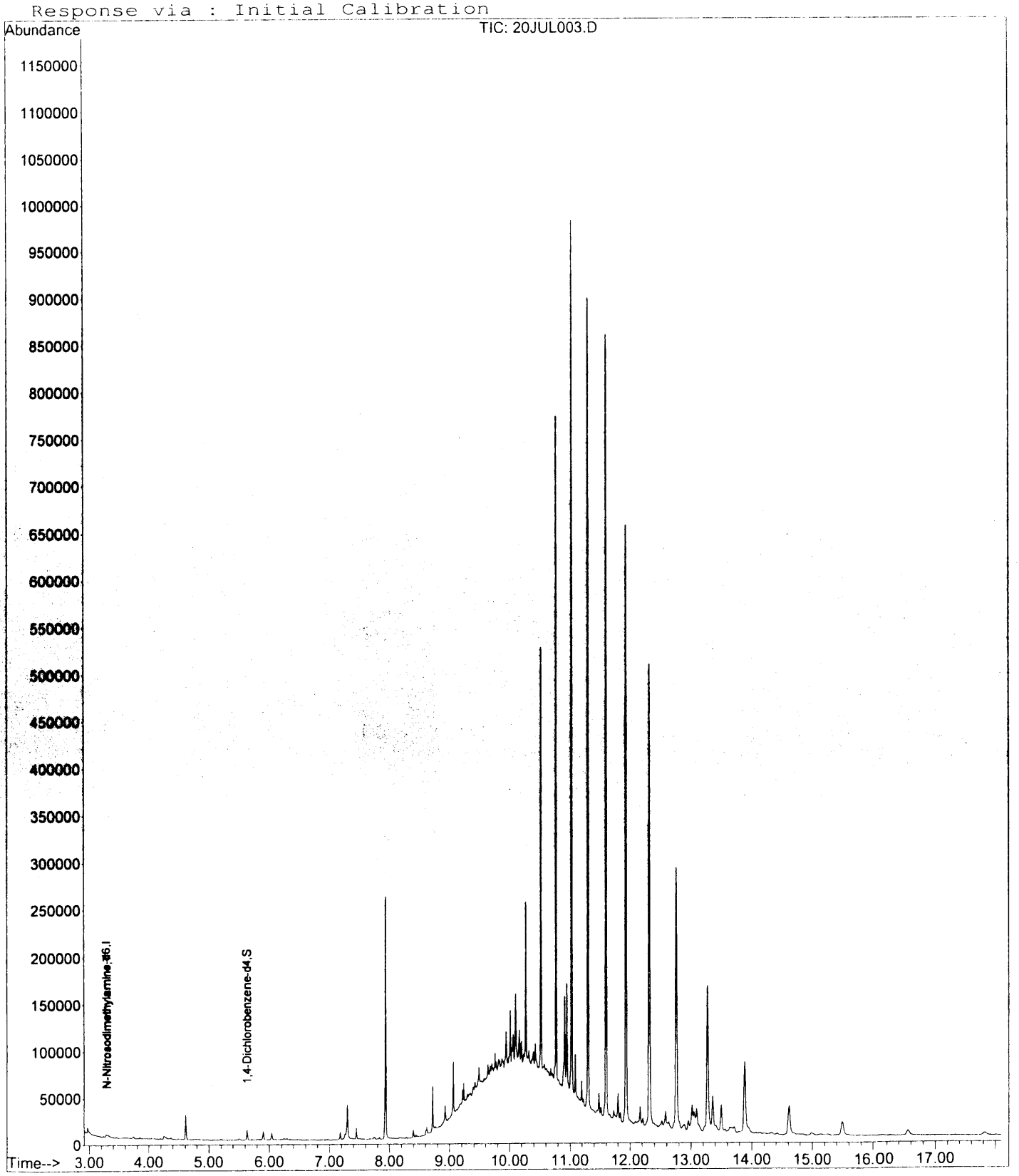
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060720\20JUL003.D
Acq On : 20 Jul 2006 6:19 pm
Sample : NDMA 10 PPB S061606H
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 8:59 2006

Vial: 3
Operator: SK
Inst : GCMS_H
Multiplr: 1.00
Quant Results File: NDMA060615.RE

Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Mon Jul 24 09:04:14 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060720\20JUL004.D Vial: 4
Acq On : 20 Jul 2006 6:46 pm Operator: SK
Sample : NDMA 50 PPB S061606F Inst : GCMS H
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 21 08:33:28 2006 Quant Results File: NDMA060615.RES

Quant Method : C:\MSDCHEM\1\METHODS\NDMA060615.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 21 08:31:27 2006
Response via : Initial Calibration
DataAcq Meth : NDMASIM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.26	80	4411m	20.00	ug/l	0.00
System Monitoring Compounds						
3) 1,4-Dichlorobenzene-d4	5.63	150	28870m	51.32	ug/l	0.00
Spiked Amount 20.000			Recovery	=	256.60%	
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.28	74	12527	59.28	ug/l #	57

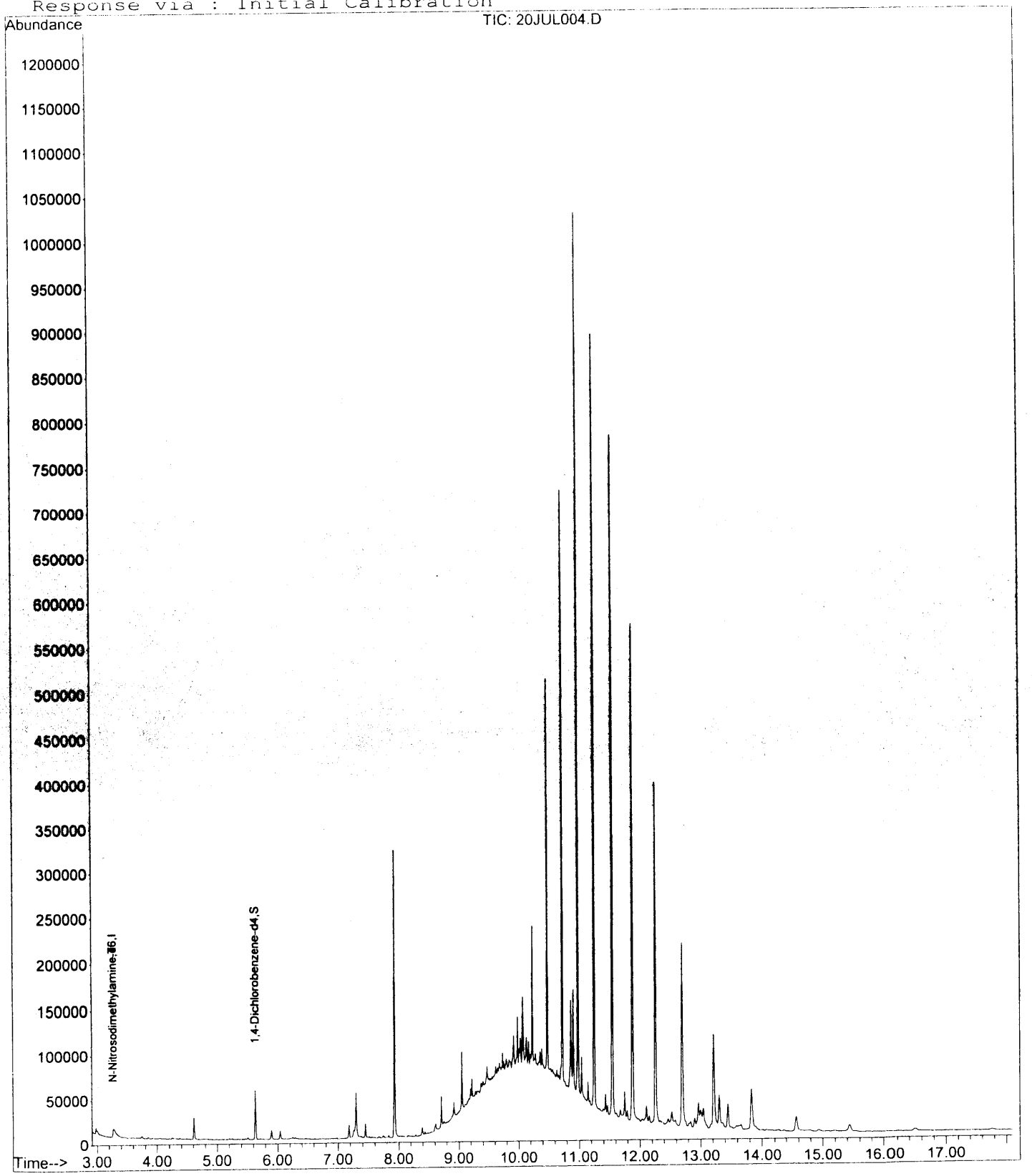
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060720\20JUL004.D
Acq On : 20 Jul 2006 6:46 pm
Sample : NDMA 50 PPB S061606F
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 8:55 2006

Vial: 4
Operator: SK
Inst : GCMS_H
Multiplr: 1.00
Quant Results File: NDMA060615.RES

Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Mon Jul 24 09:04:14 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060720\20JUL005.D
Acq On : 20 Jul 2006 7:12 pm
Sample : NDMA 100 PPB S061606E
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 08:33:44 2006

Vial: 5
Operator: SK
Inst : GCMS_II
Multiplr: 1.00

Quant Results File: NDMA060615.RES

Quant Method : C:\MSDCHEM\1\METHODS\NDMA060615.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 21 08:31:27 2006
Response via : Initial Calibration
DataAcq Meth : NDMASIM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.25	80	3776m	20.00	ug/l	-0.02
System Monitoring Compounds						
3) 1,4-Dichlorobenzene-d4	5.63	150	55651	115.55	ug/l	0.00
Spiked Amount 20.000			Recovery	=	577.75%	
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.26	74	24629	136.16	ug/l #	53

(#) = qualifier out of range (m) = manual integration
20JUL005.D NDMA060720.M Mon Jul 24 10:03:15 2006

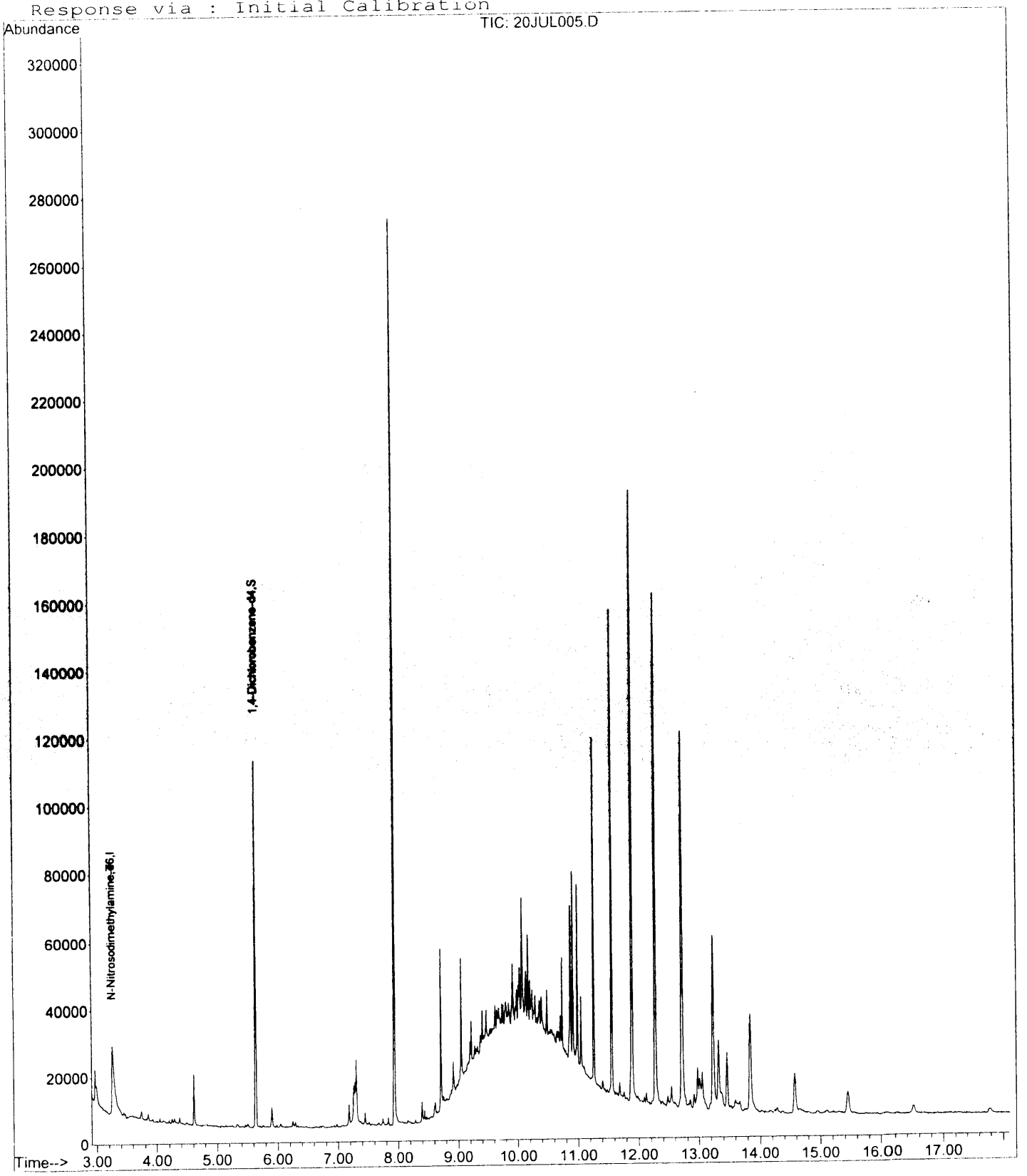
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060720\20JUL005.D
Acq On : 20 Jul 2006 7:12 pm
Sample : NDMA 100 PPB S061606E
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 8:57 2006

Vial: 5
Operator: SK
Inst : GCMS_H
Multiplr: 1.00

Quant Results File: NDMA060615.RES

Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Mon Jul 24 09:04:14 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060720\20JUL006.D
Acq On : 20 Jul 2006 7:39 pm
Sample : NDMA 20 PPB ICV S061506L
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 16:58:28 2006

Vial: 6
Operator: SK
Inst : GCMS_H
Multiplr: 1.00

Quant Results File: NDMA060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 21 16:56:30 2006
Response via : Initial Calibration
DataAcq Meth : NDMASIM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.30	80	3619m	20.00 ug/l	0.03
System Monitoring Compounds					
3) 1,4-Dichlorobenzene-d4	5.63	150	13050	23.14 ug/l	0.00
Spiked Amount 20.000			Recovery	= 115.70%	
Target Compounds					Qvalue
2) N-Nitrosodimethylamine	3.32	74	3502m	17.99 ug/l	

(#) = qualifier out of range (m) = manual integration
20JUL006.D NDMA060720.M Fri Jul 28 11:00:46 2006

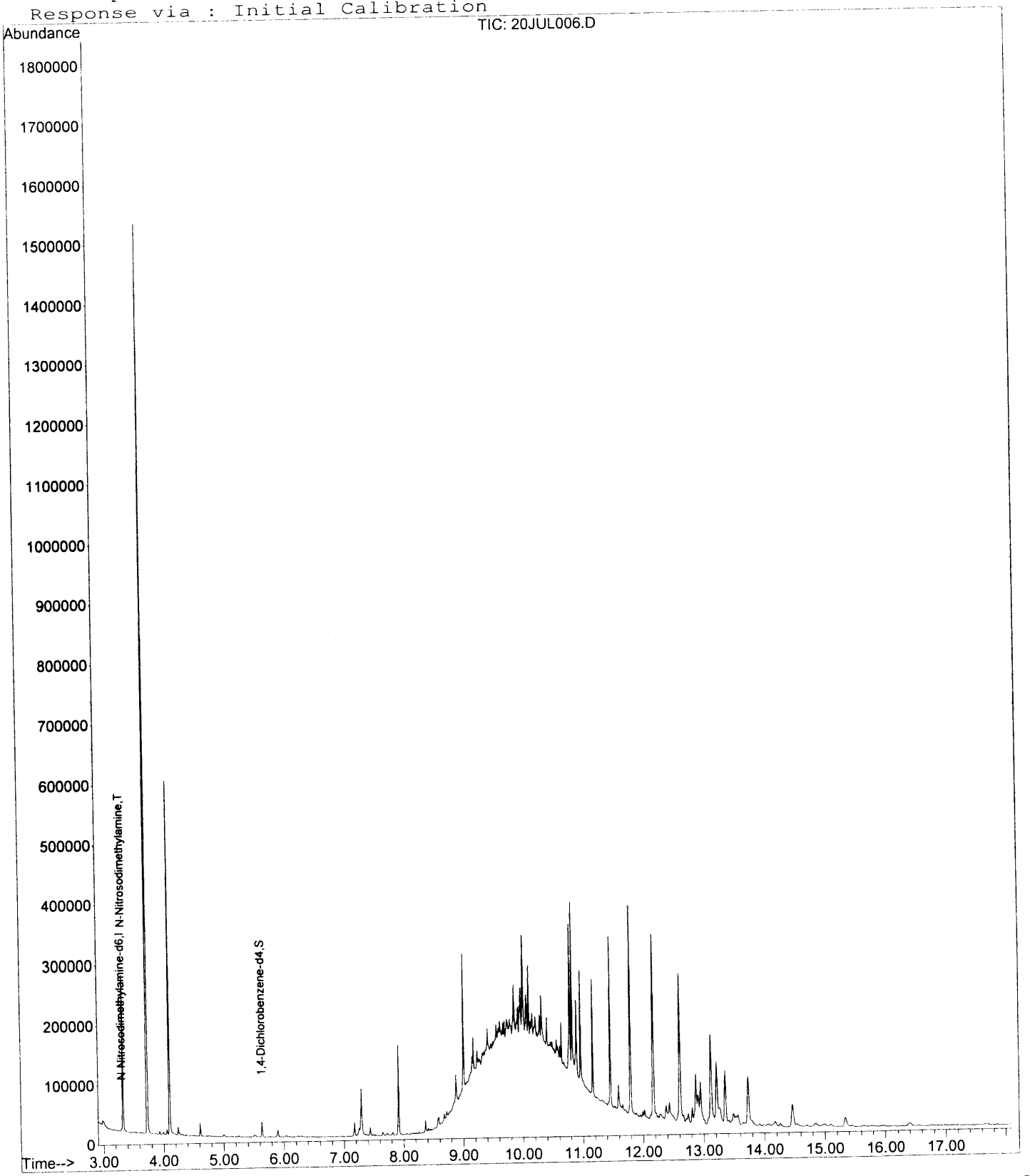
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060720\20JUL006.D
Acq On : 20 Jul 2006 7:39 pm
Sample : NDMA 20 PPB ICV S061506L
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 17:00 2006

Vial: 6
Operator: SK
Inst : GCMS_H
Multiplr: 1.00

Quant Results File: NDMA060720.RES

Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\060720\20JUL006.D
Acq On : 20 Jul 2006 7:39 pm
Sample : NDMA 20 PPB ICV S061506L
Misc :
MS Integration Params: rteint.p

Vial: 6
Operator: SK
Inst : GCMS_H
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Single Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	N-Nitrosodimethylamine-d6	1.000	1.000	0.0	99	0.00
2	T	N-Nitrosodimethylamine	1.076	0.968	10.0	94	-0.01
3	S	1,4-Dichlorobenzene-d4	3.117	3.606	-15.7	117	0.00

Injection Log

Directory: C:\MSDCHEM\1\DATA\060728

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	28JUL001.D	1.	NDMA 20 PPB S061606G 3ul		28 Jul 2006 10:34
2	2	28JUL002.D	1.	NDMA 2 PPB S061606J 3ul		28 Jul 2006 11:02
3	3	28JUL003.D	1.	NDMA MB 060722-L01		28 Jul 2006 12:24
4	6	28JUL006.D	1.	07-1101-2 5ml->1ml 10X		28 Jul 2006 13:46
5	7	28JUL007.D	1.	07-1101-6 25ml->1ml 5X		28 Jul 2006 14:13
6	8	28JUL008.D	1.	07-0865-2 5X		28 Jul 2006 14:41
7	9	28JUL009.D	1.	07-0865-10 5X		28 Jul 2006 15:08
8	10	28JUL010.D	1.	NDMA MB 060724-L11		28 Jul 2006 15:35
9	12	28JUL012.D	1.	NDMA LCS 060722-L01		28 Jul 2006 16:29
10	14	28JUL014.D	1.	NDMA LCSD 060722-L01		28 Jul 2006 17:23
11	15	28JUL015.D	1.	NDMA LCS 060724-L11		28 Jul 2006 17:50
12	16	28JUL016.D	1.	NDMA LCSD 060724-L11		28 Jul 2006 18:17
13	17	28JUL017.D	1.	07-1072-1		28 Jul 2006 18:44
14	18	28JUL018.D	1.	07-1072-2		28 Jul 2006 19:11
15	19	28JUL019.D	1.	07-1038-1		28 Jul 2006 19:39
16	20	28JUL020.D	1.	07-1032-1		28 Jul 2006 20:06
17	21	28JUL021.D	1.	07-1032-2		28 Jul 2006 20:33
18	22	28JUL022.D	1.	07-1032-3		28 Jul 2006 21:00
19	23	28JUL023.D	1.	07-1032-2 MS		28 Jul 2006 21:27
20	24	28JUL024.D	1.	07-1032-2 MSD		28 Jul 2006 21:55

Start D=Date T=Time	pH Adjust D=Date T=Time	End D=Date T=Time	S=Soil A=Aqueous O=Oil Other(specify)	2=3520 C-LL 4=3540 Sox 5=3550 Son 8=3580 Dil	Client Name	Analysis	Work Order Number	Sample Initial (mL)	Sample Final (mL)	Solvent Lot Number	Solvent Name/ Symbol	Solvent Volume (mL)	Who	Comment
D) 7-24-06	D)	D) 7-25-06	S (A) O	1 (2) 4 5 8	CDM	1625	06.07.1032 .1N	1050	1	[illegible]	$CuSO_4$	250	cal	pH<8
T) [illegible]	T)	T) [illegible]	S A O	1 2 4 5 8			06.07.1032 .2I	1020	1					
D)	D)	D)	S A O	1 2 4 5 8			06.07.1032 .3I	1020	1					
T)	T)	T)	S A O	1 2 4 5 8			06.07.1032 .1A	1020	1					
D)	D)	D)	S A O	1 2 4 5 8			↓.↓.↓ .2B	1020	1					
T)	T)	T)	S (A) O	1 (2) 4 5 8	ATL		06.07.1038 .1A	1000	1					
D)	D)	D)	S A O	1 2 4 5 8	CDM		06.07.1032-2MS	500	0.5					
T)	T)	T)	S (A) O	1 (2) 4 5 8			↓.↓.1032-2MSD	500	0.5					
D) 7-25-06	D)	D) 7-26-06	S (A) O	1 (2) 4 5 8	AERO TEK	1625	06.07.1226 .1A	1050	1					
T) 6:00	T)	T) 12:00	S A O	1 2 4 5 8			.2A	1050	1					
D)	D)	D)	S A O	1 2 4 5 8			.3A	1050	1					
T)	T)	T)	S A O	1 2 4 5 8			.4A	1050	1					
D)	D)	D)	S (A) O	1 (2) 4 5 8			.5A	1050	1					
T)	T)	T)	S A O	1 2 4 5 8										
D)	D)	D)	S A O	1 2 4 5 8										
T)	T)	T)	S A O	1 2 4 5 8										
D)	D)	D)	S A O	1 2 4 5 8										
T)	T)	T)	S A O	1 2 4 5 8										
D)	D)	D)	S A O	1 2 4 5 8										
T)	T)	T)	S A O	1 2 4 5 8										
D)	D)	D)	S A O	1 2 4 5 8										
T)	T)	T)	S A O	1 2 4 5 8										
D)	D)	D)	S A O	1 2 4 5 8										
T)	T)	T)												

Reviewed by: _____ Date: _____ / _____ / _____

Work Order Number	(LCS/MB/SA) Batch Number	Surrogate			LCS			Acid			B/N			Who	Comment
		Lot Number	Conc (ppm)	Volume (mL)	Lot Number	Conc (ppm)	Volume (mL)	Lot Number	Conc (ppm)	Volume (mL)	Lot Number	Conc (ppm)	Volume (mL)		
06-07-1032-1-2	060724L11	E042806	1	0.02	—	—	—	—	—	—	—	—	—	ml	
		E042806		0.02											
06-07-1072-1-2															
06-07-1038-1															
BLK															
LCS/D					E042806	1	0.02								
06-07-1032-2B2 MS				0.01			0.01								500ml
06-07-1032-2B2 MSD				0.01											500ml
06-07-1226 1-6	060725L10			0.02	—	—	—	—	—	—	—	—	—	ml	
				0.02											
BLK															
LCS/D					E042806	1	0.02								

Reviewed by: _____ Date: _____ / _____ / _____

02/23/95 Revision

Quantitation Report (OT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL001.D Vial: 1
Acq On : 28 Jul 2006 10:34 am Operator: SK
Sample : NDMA 20 PPB S061606C 3ul Inst : GCMS_H
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 10:53:15 2006 Quant Results File: NDMA060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration
DataAcq Meth : NDMASIM3

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.32	80	2992m	20.00	ug/l	0.01
System Monitoring Compounds						
3) 1,4-Dichlorobenzene-d4	5.63	150	8914	19.12	ug/l	0.00
Spiked Amount 20.000			Recovery	=	95.60%	
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.33	74	3597	22.35	ug/l #	25

(#) = qualifier out of range (m) = manual integration

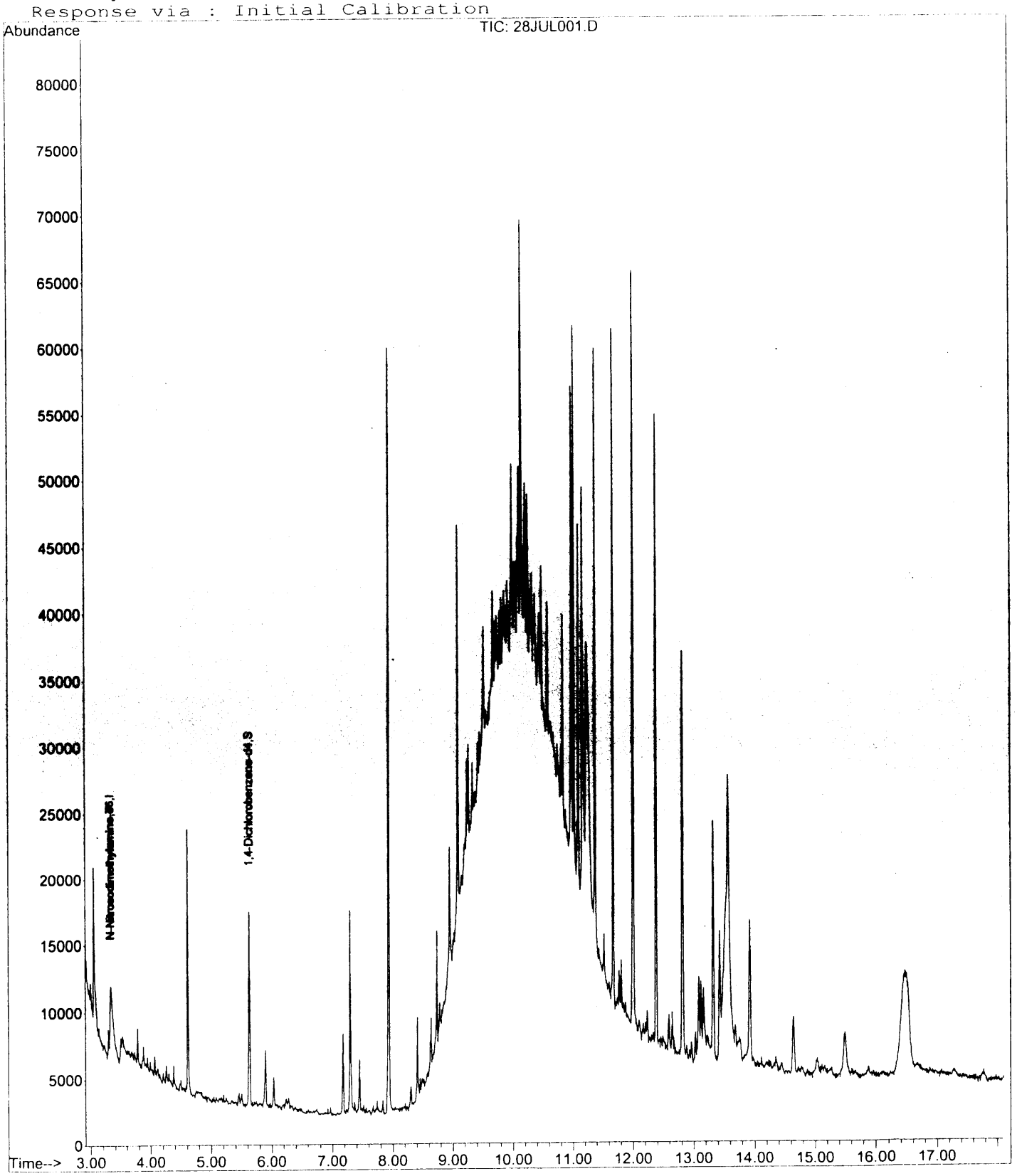
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL001.D
Acq On : 28 Jul 2006 10:34 am
Sample : NDMA 20 PPB S061606G Jul
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 28 10:54 2006

Vial: 1
Operator: SK
Inst : GCMS_H
Multiplr: 1.00

Quant Results File: NDMA060720.RES

Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\060728\28JUL001.D Vial: 1
Acq On : 28 Jul 2006 10:34 am Operator: SK
Sample : NDMA 20 PPB S061606G 3ul Inst : GCMS_H
Misc : Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Single Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	N-Nitrosodimethylamine-d6	1.000	1.000	0.0	82	0.01
2	T	N-Nitrosodimethylamine	1.076	1.202	-11.7	96	0.00
3	S	1,4-Dichlorobenzene-d4	3.117	2.979	4.4	80	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL010.D Vial: 10
Acq On : 28 Jul 2006 3:35 pm Operator: SK
Sample : NDMA MB 060724-L11 Inst : GCMS_H
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 16:10:46 2006 Quant Results File: NDMA060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration
DataAcq Meth : NDMASIM3

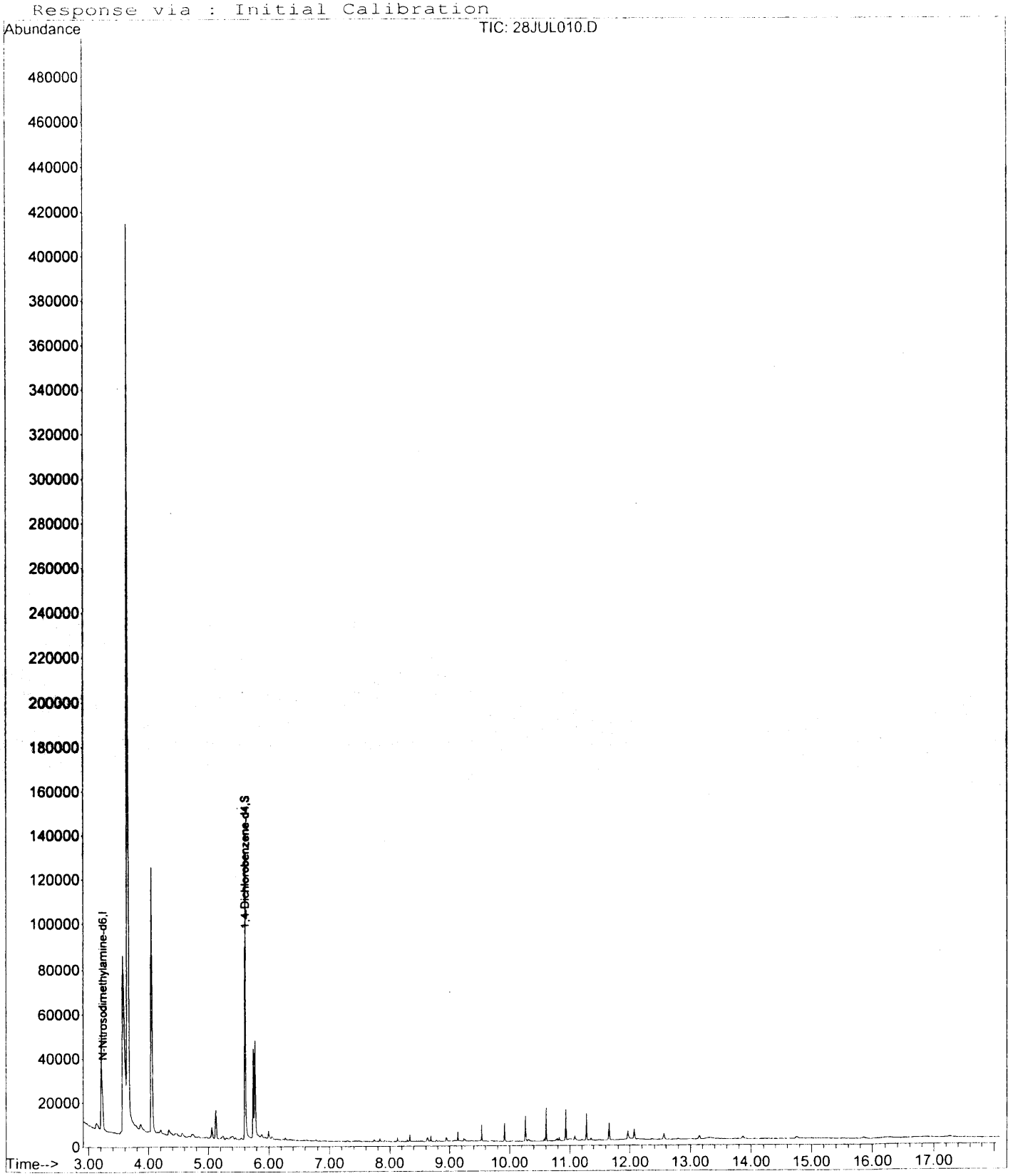
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.25	80	772m	20.00	ug/l	-0.06
System Monitoring Compounds						
3) 1,4-Dichlorobenzene-d4	5.62	150	1361m	11.31	ug/l	-0.02
Spiked Amount 20.000			Recovery	=	56.55%	
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	0.00	74	0	N.D.	d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL010.D Vial: 10
Acq On : 28 Jul 2006 3:35 pm Operator: SK
Sample : NDMA MB 060724-L11 Inst : GCMS_H
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 16:11 2006 Quant Results File: NDMA060720.RES

Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL015.D Vial: 15
Acq On : 28 Jul 2006 5:50 pm Operator: SK
Sample : NDMA LCS 060724-L11 Inst : GCMS_H
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 13:46:54 2006 Quant Results File: NDMA060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration
DataAcq Meth : NDMASIM3

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.30	80	3973m	20.00	ug/l	0.00
System Monitoring Compounds						
3) 1,4-Dichlorobenzene-d4	5.63	150	3306	5.34	ug/l	0.00
Spiked Amount 20.000			Recovery =	26.70%		
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.32	74	2230	10.44	ug/l #	65

(#) = qualifier out of range (m) = manual integration

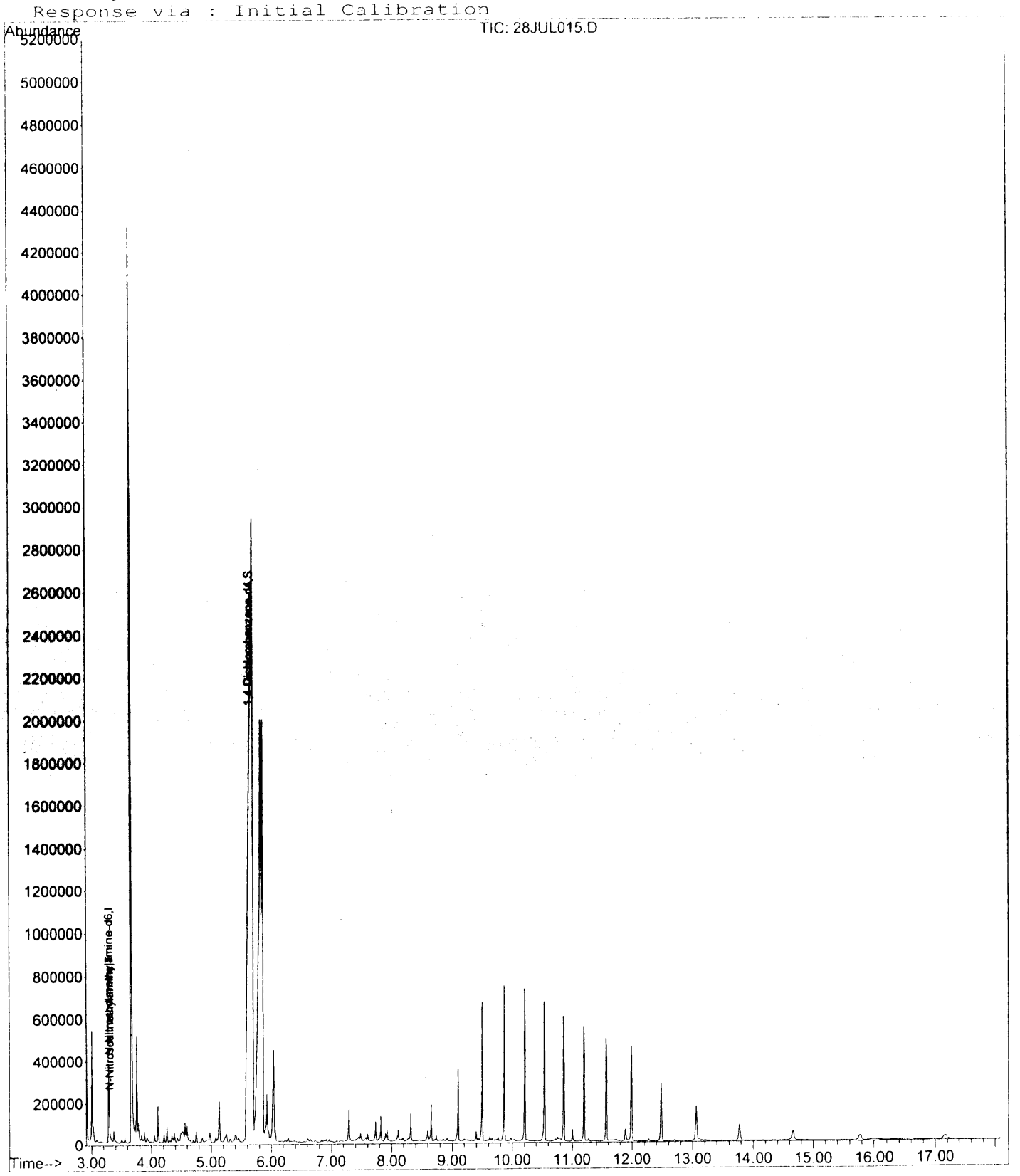
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL015.D
Acq On : 28 Jul 2006 5:50 pm
Sample : NDMA LCS 060724-L11
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 29 13:47 2006

Vial: 15
Operator: SK
Inst : GCMS_H
Multiplr: 1.00

Quant Results File: NDMA060720.RES

Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL016.D Vial: 16
Acq On : 28 Jul 2006 6:17 pm Operator: SK
Sample : NDMA LCSD 060724-L1 Inst : GCMS_H
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 13:47:39 2006 Quant Results File: NDMA060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration
DataAcq Meth : NDMASIM3

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.30	80	4450m	20.00	ug/l	0.00
System Monitoring Compounds						
3) 1,4-Dichlorobenzene-d4	5.63	150	3568	5.15	ug/l	0.00
Spiked Amount 20.000			Recovery	=	25.75%	
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.31	74	2631	10.99	ug/l	85

(#) = qualifier out of range (m) = manual integration

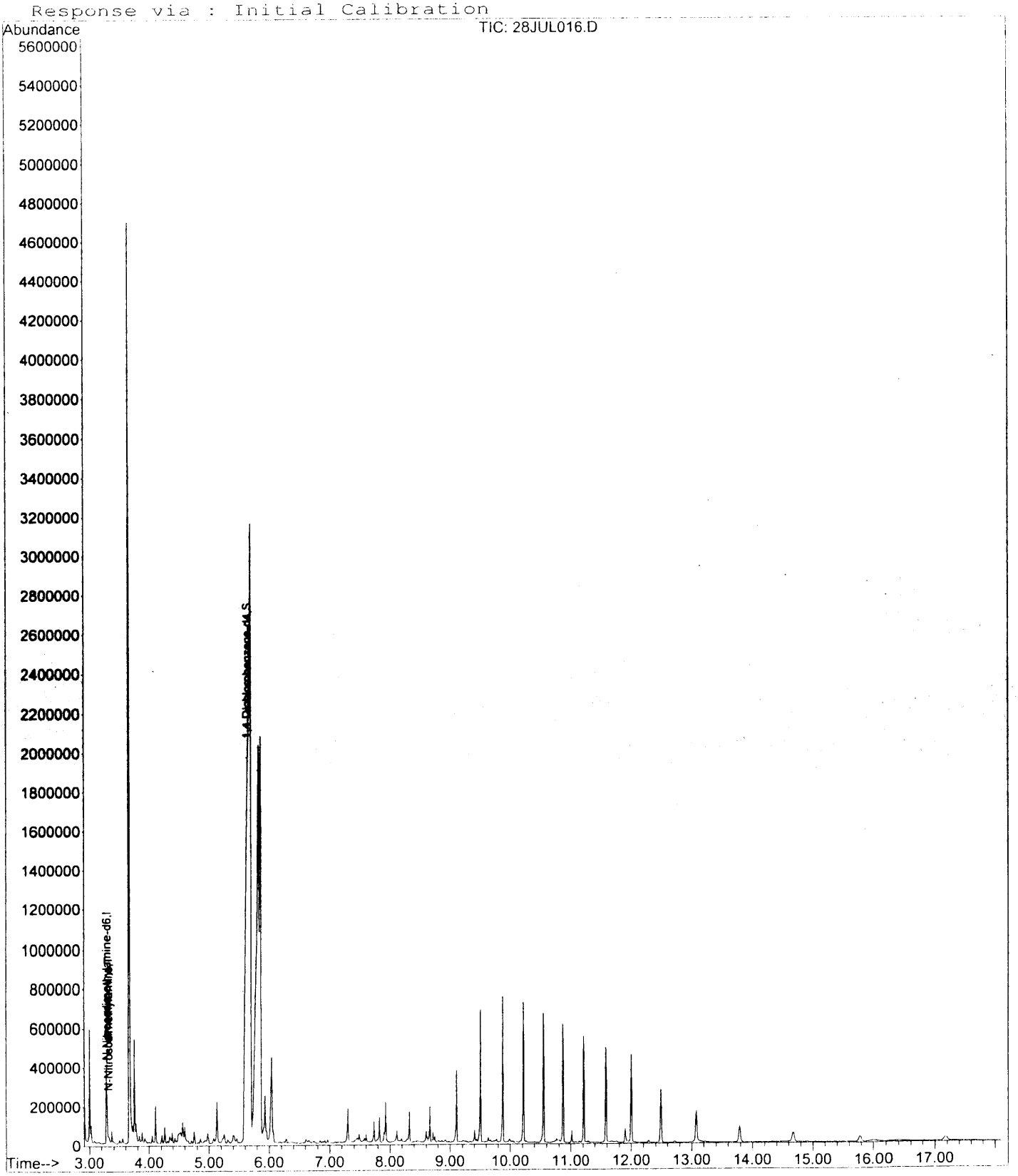
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL016.D
Acq On : 28 Jul 2006 6:17 pm
Sample : NDMA LCCD 060724-L1
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 29 13:47 2006

Vial: 16
Operator: SK
Inst : GCMS_H
Multiplr: 1.00

Quant Results File: NDMA060720.RES

Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL023.D
Acq On : 28 Jul 2006 9:27 pm
Sample : 07-1032-2 MS
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 10:54:53 2006

Vial: 23
Operator: SK
Inst : GCMS_H
Multiplr: 1.00
Quant Results File: NDMA060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration
DataAcq Meth : NDMASIM3

Internal Standards	R.T.	QIon	Response	Conc/Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.29	80	4958m	20.00 ug/l	-0.01
System Monitoring Compounds					
3) 1,4-Dichlorobenzene-d4	5.63	150	4237	5.48 ug/l	0.00
Spiked Amount 20.000			Recovery	= 27.40%	
Target Compounds					Qvalue
2) N-Nitrosodimethylamine	3.31	74	2947m	11.05 ug/l	

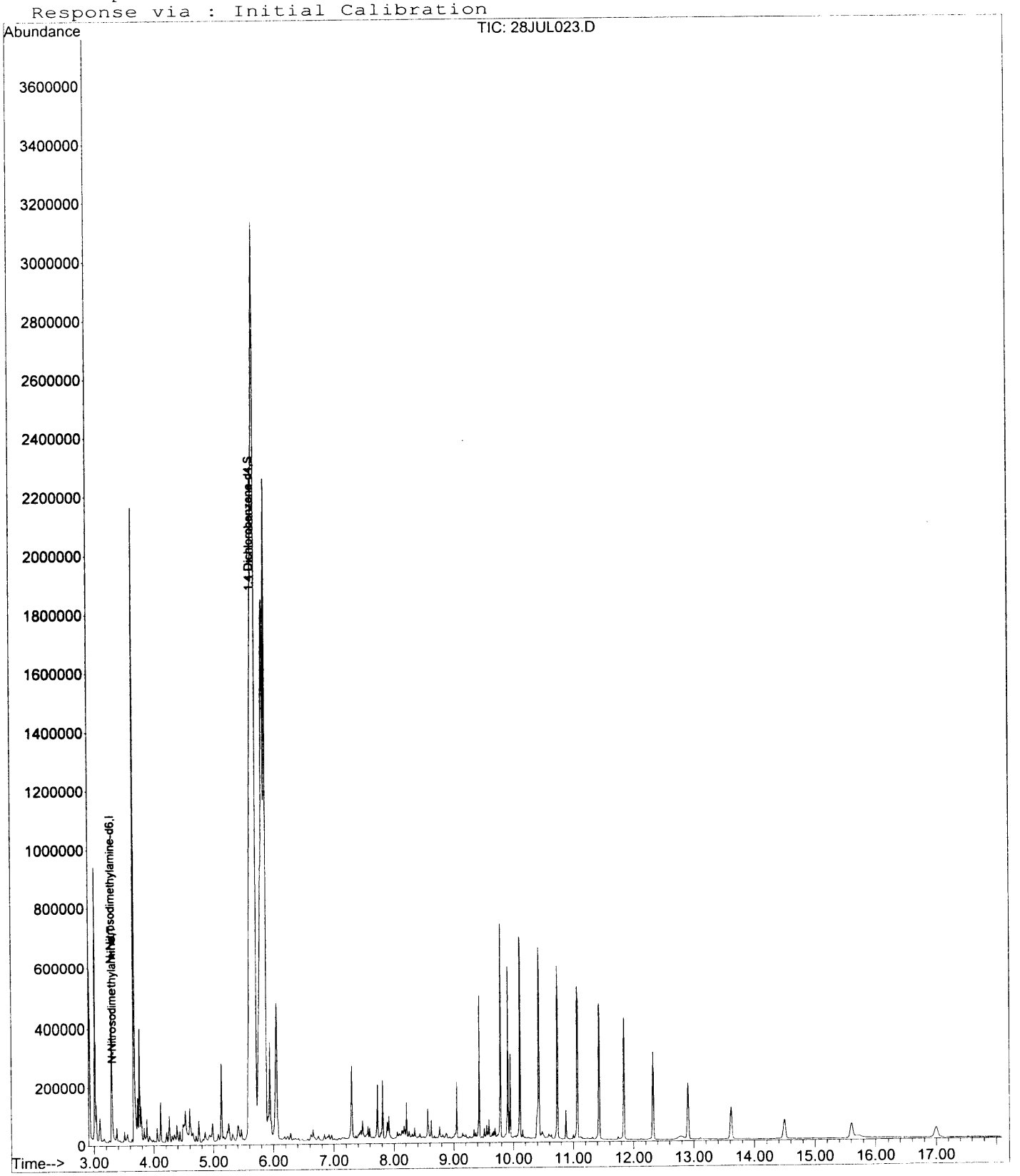
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL023.D
Acq On : 28 Jul 2006 9:27 pm
Sample : 07-1032-2 MS
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 10:55 2006

Vial: 23
Operator: SK
Inst : GCMS_H
Multiplr: 1.00
Quant Results File: NDMA060720.RES

Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL024.D
Acq On : 28 Jul 2006 9:55 pm
Sample : 07-1032-2 MSD
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 10:55:37 2006

Vial: 24
Operator: SK
Inst : GCMS_H
Multiplr: 1.00
Quant Results File: NDMA060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration
DataAcq Meth : NDMASIM3

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.30	80	7388m	20.00	ug/l	0.00
System Monitoring Compounds						
3) 1,4-Dichlorobenzene-d4	5.63	150	7212	6.26	ug/l	0.00
Spiked Amount 20.000			Recovery	=	31.30%	
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.32	74	3159	7.95	ug/l #	50

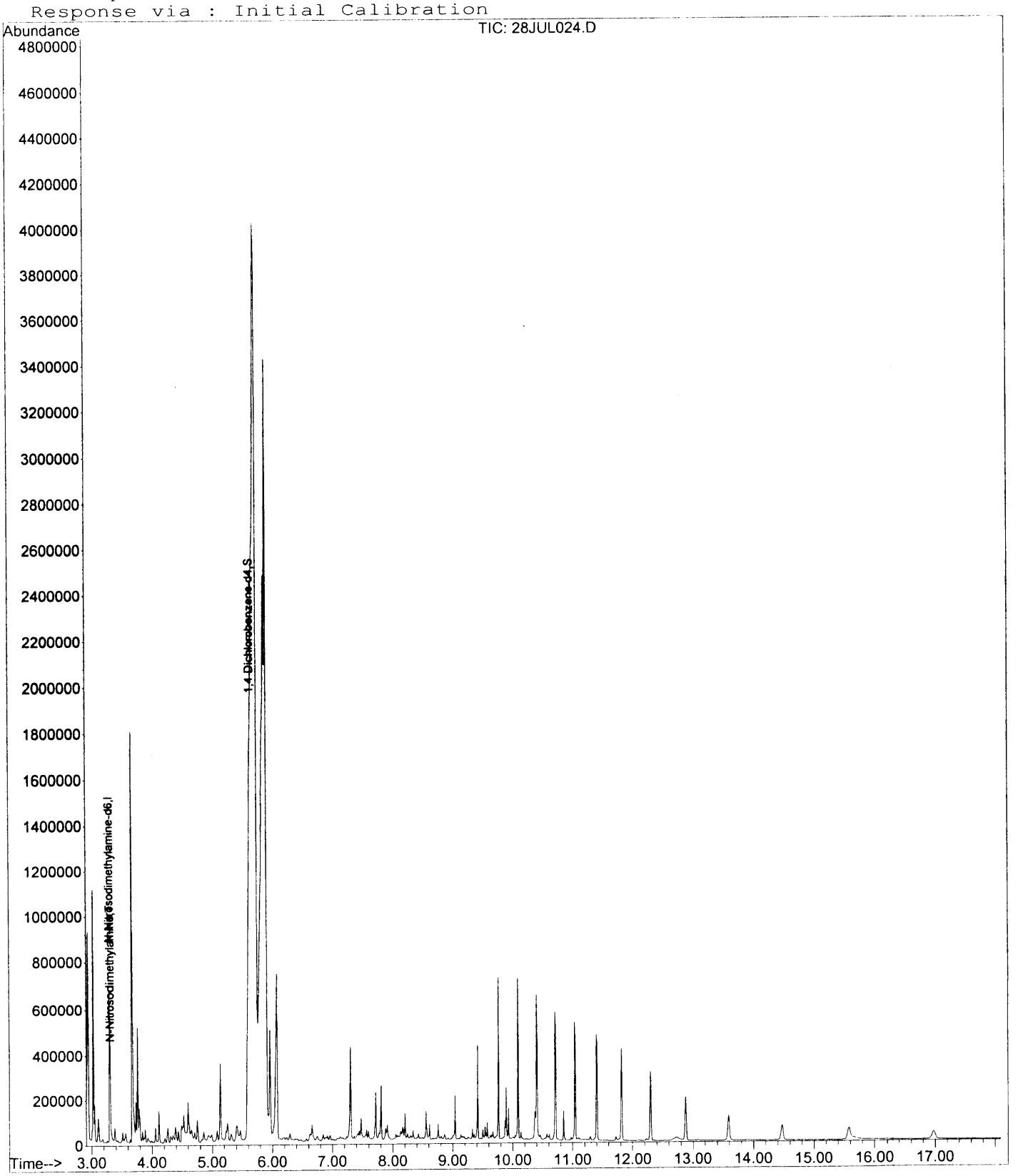
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL024.D
Acq On : 28 Jul 2006 9:55 pm
Sample : 07-1032-2 MSD
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 10:58 2006

Vial: 24
Operator: SK
Inst : GCMS_H
Multiplr: 1.00
Quant Results File: NDMA060720.RES

Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL020.D
Acq On : 28 Jul 2006 8:06 pm
Sample : 07-1032-1
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 10:53:51 2006

Vial: 20
Operator: SK
Inst : GCMS_H
Multiplr: 1.00

Quant Results File: NDMA060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration
DataAcq Meth : NDMASIM3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.30	80	2770	20.00 ug/l	0.00
System Monitoring Compounds					
3) 1,4-Dichlorobenzene-d4	5.63	150	6196	14.35 ug/l	0.00
Spiked Amount 20.000			Recovery	= 71.75%	
Target Compounds					Qvalue
2) N-Nitrosodimethylamine	0.00	74	0	N.D. d	

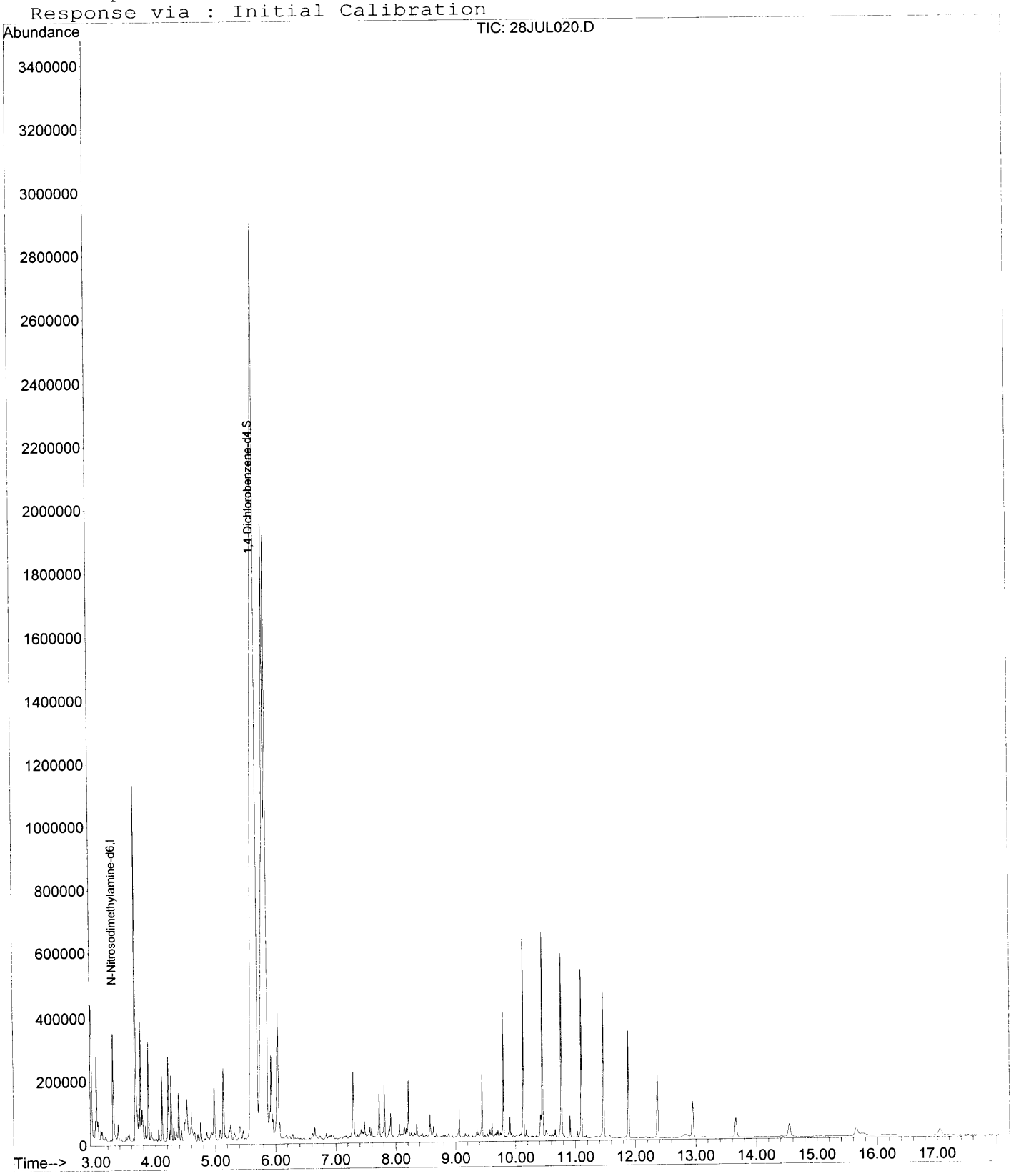
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL020.D
Acq On : 28 Jul 2006 8:06 pm
Sample : 07-1032-1
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 10:54 2006

Vial: 20
Operator: SK
Inst : GCMS_H
Multiplr: 1.00
Quant Results File: NDMA060720.RES

Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL021.D
Acq On : 28 Jul 2006 8:33 pm
Sample : 07-1032-2
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 10:54:11 2006

Vial: 21
Operator: SK
Inst : GCMS_H
Multiplr: 1.00
Quant Results File: NDMA060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration
DataAcq Meth : NDMASIM3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.29	80	2931	20.00 ug/l	-0.01
System Monitoring Compounds					
3) 1,4-Dichlorobenzene-d4	5.63	150	6106	13.37 ug/l	0.00
Spiked Amount 20.000			Recovery	= 66.85%	
Target Compounds					Qvalue
2) N-Nitrosodimethylamine	0.00	74	0	N.D. d	

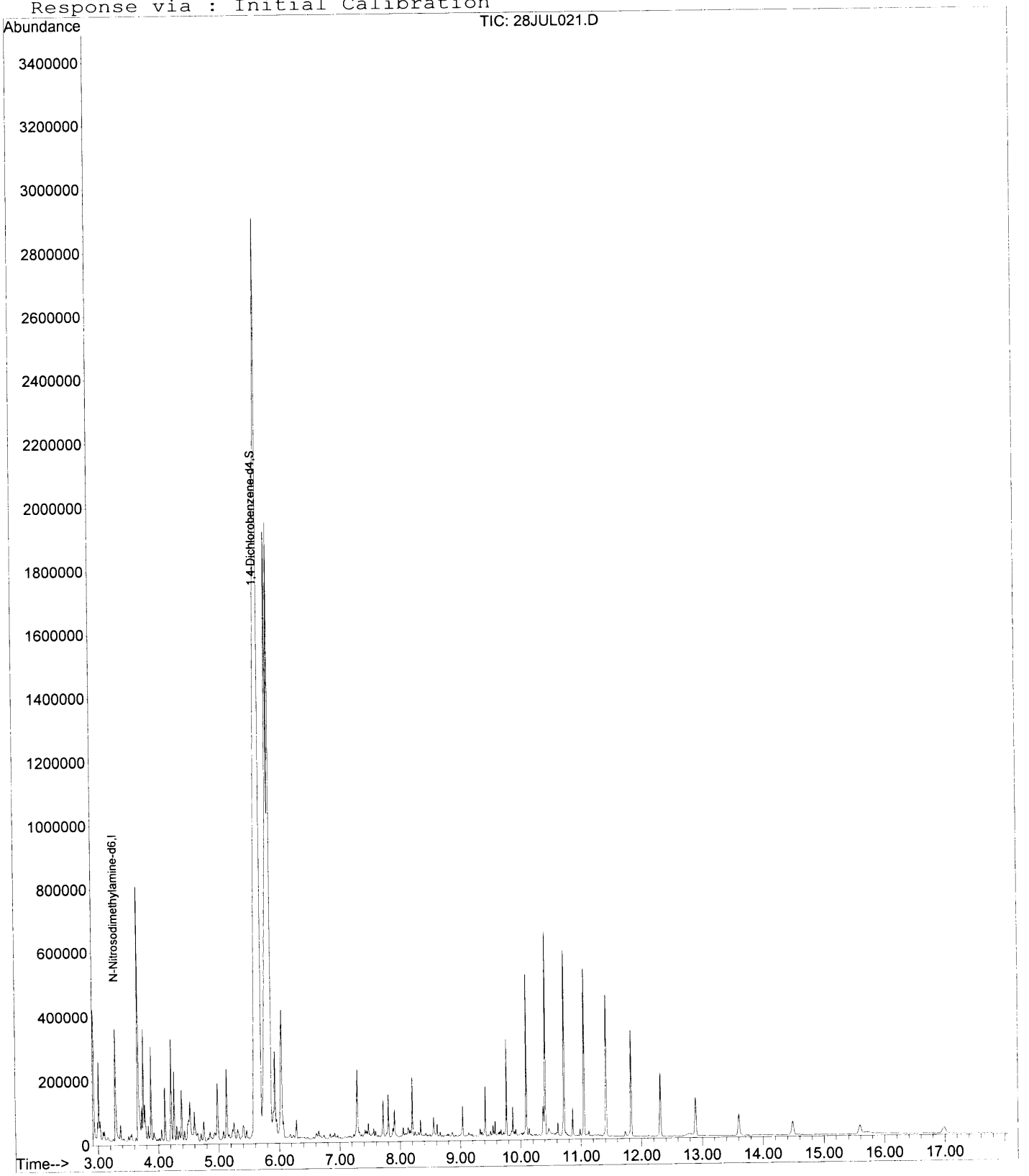
(#) = qualifier out of range (m) = manual integration
28JUL021.D NDMA060720.M Mon Jul 31 10:56:34 2006

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL021.D
Acq On : 28 Jul 2006 8:33 pm
Sample : 07-1032-2
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 10:54 2006

Vial: 21
Operator: SK
Inst : GCMS_H
Multiplr: 1.00
Quant Results File: NDMA060720.RES

Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL022.D
Acq On : 28 Jul 2006 9:00 pm
Sample : 07-1032-3
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 10:54:36 2006

Vial: 22
Operator: SK
Inst : GCMS_H
Multiplr: 1.00

Quant Results File: NDMA060720.RES

Quant Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration
DataAcq Meth : NDMASIM3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.30	80	3105	20.00 ug/l	0.00
System Monitoring Compounds					
3) 1,4-Dichlorobenzene-d4	5.63	150	5890	12.17 ug/l	0.00
Spiked Amount 20.000			Recovery	= 60.85%	
Target Compounds					Qvalue
2) N-Nitrosodimethylamine	0.00	74	0	N.D. d	

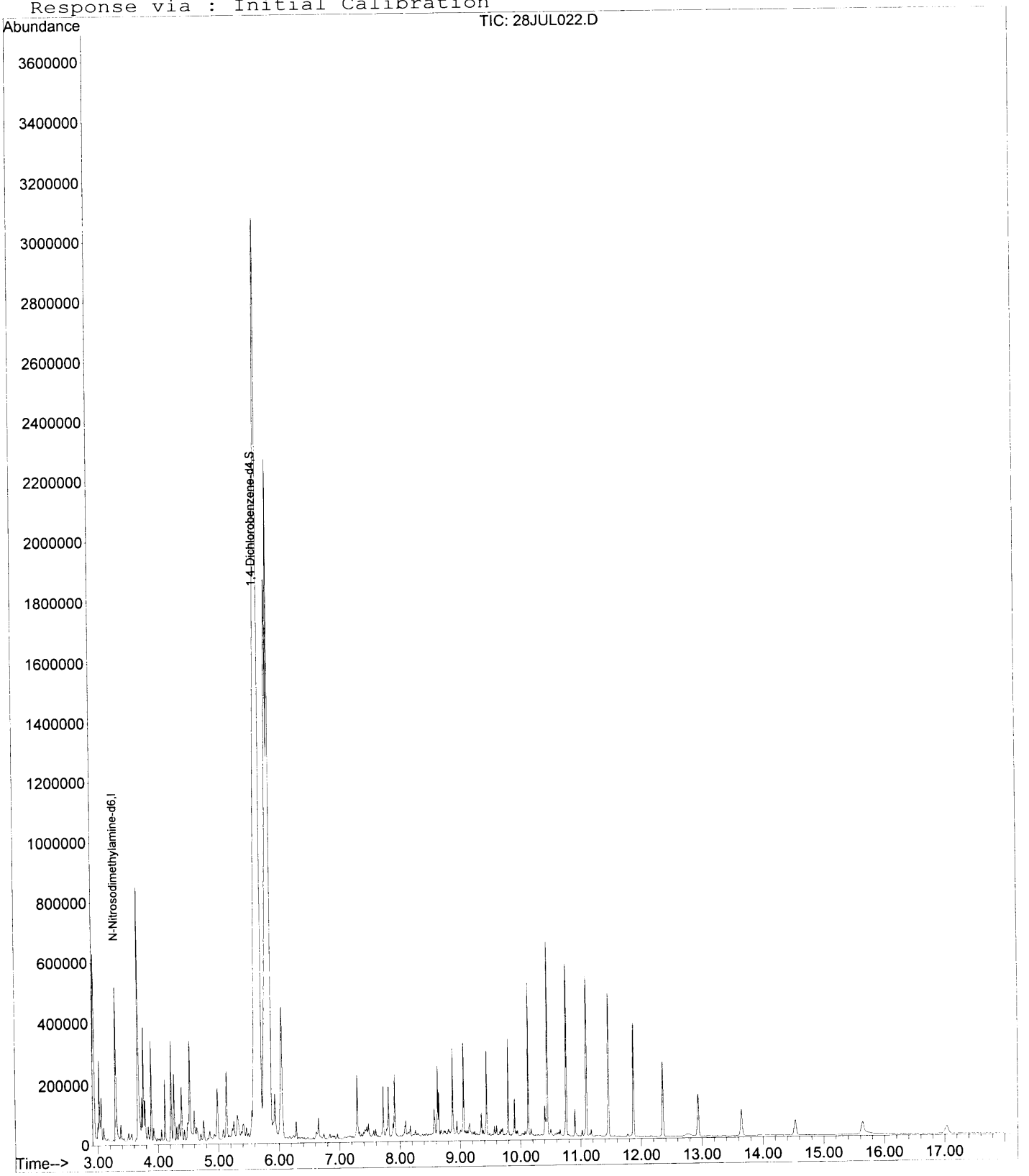
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL022.D
Acq On : 28 Jul 2006 9:00 pm
Sample : 07-1032-3
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 10:54 2006

Vial: 22
Operator: SK
Inst : GCMS_H
Multiplr: 1.00
Quant Results File: NDMA060720.RES

Method : C:\MSDCHEM\1\METHODS\NDMA060720.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Fri Jul 28 09:54:38 2006
Response via : Initial Calibration



Calscience
Environmental
Laboratories, Inc.

Total and Dissolved Metals by EPA 6010B

Camp Dresser & McKee

CEL W.O. 06-07-1032

Hewitt Landfill Groundwater

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

ICP DATA LOG

Calscience Environmental Laboratories, Inc.

DATE	DATA FILE	SAMPLE FILE	CEL ID #	DILUTION FACTOR	STANDARD LOT #	WHO	COMMENTS
07-25-06	060725A1	6010B/200.7	06-07-1097-70			JN	
			CCV	2	M060606A		
			CCB				
			06-07-1115-1				
			-1ms				
			-1msd				
			CCV	2	M060606A		
			Calib. Blank				
			Calib. STD		M060606A		
			CCV	2			
			CCB				
			06-07-1115-1				
			-1ms				
			-1msd				
			CCV	2	M060606A		
			CCB				
			Calib. Blank				
			Calib. STD #1		M072406C		
			Calib. STD		M060606A		
			ICV		M051706B		
			ICB				
			highest STD		M060606A		
			ICV 2	1000	M003-85-23		
			ICS AB		M052506A		
			ICS A		M072406A		
			CCB				

Reviewed by: _____ on ___/___/___

11/12/04 Revision, ICPDATA.LOG.xls

Calscience Environmental Laboratories, Inc.

ICP DATA LOG

DATE	DATA FILE	SAMPLE FILE	CEL ID #	DILUTION FACTOR	STANDARD LOT #	WHO	COMMENTS
07-25-06	060725A1	6010B/200.7	060725 - B-01			JN	
			- L-01				
			- L-01D				
			060721 - L-01				
			- L-01D				
			06-07-0989 - 1ms				
			- 1msd				
			- 1	20			
			- 2	20			
			06-07-1149 - 1				
			CCV	2	M060606A		
			CCV 2	2	M072406C		
			CCB				
			06-07-1149-2				
			- 1ms				
			- 1msd				
			CCV	2	M060606A		
			CCV2	2	M072406C		
			CCB				
			Calib. Blank				
			Calib. STD		M060606A		
			CCV	2	↓		
			CCB				
			ccdl 0.005ppm				
			ccdl 0.020ppm				
			ICV Si	1000	M003-85-19		

Reviewed by: _____ on ___/___/___

11/12/04 Revision, ICPDATA.LOG.xls

ICP DATA LOG

Calscience Environmental Laboratories, Inc.

DATE	DATA FILE	SAMPLE FILE	CEL ID #	DILUTION FACTOR	STANDARD LOT #	WHO	COMMENTS
07-25-06	060725A1	6010B/200.7	060724 - B-03F			JN	
			-L-03F				
			-L-03F-D				
			06-07-1032-2				
			-2ms				
			-2msd				
			CCV	2	M060606A		
			CCB				
			Calib. Blank				
			Calib. STD		M060606A		
			CCV	2			
			CCB				
			06-07-1032-1F				
			-2F				
			-3F				
			06-07-1076-1				
			-2				
			-3				
			-4				
			06-07-1072-1F				
			-2F				
			-1T				
			CCV	2	M060606A		
			CCB				
			06-07-1072-2T				
			06-07-1032-1T				

Reviewed by: _____ on ___/___/___

11/12/04 Revision, ICPDATA.LOG.xls

ICP DATA LOG

Calscience Environmental Laboratories, Inc.

DATE	DATA FILE	SAMPLE FILE	CEL ID #	DILUTION FACTOR	STANDARD LOT #	WHO	COMMENTS
07-25-06	060725A1	6010B/200.7	06-07-1032-3T			JN	
			CCV	2	M060606A		
			CCB				
			06-07-0983 -1F				
			-2F				
			-3F				
			-1				
			-2				
			-3				
			06-07-0984 -1F				
			-2F				
			-3F				
			-4F				
			CCV	2	M060606A		
			CCB				
			06-07-0984 -5F				
			-6F				
			-1				
			-2				
			-3				
			-4				
			-5				
			-6				
			06-07-1089 -1F				
			-4F				
			CCV	2	M060606A		

Reviewed by: _____ on ___/___/___

11/12/04 Revision, ICPDATA.LOG.xls

ICP DATA LOG

Calscience Environmental Laboratories, Inc.

DATE	DATA FILE	SAMPLE FILE	CEL ID #	DILUTION FACTOR	STANDARD LOT #	WHO	COMMENTS
07-25-06	060725A1	6010B/200.7	CCB			JN	
			06-07-1089 -5F				
			-7F				
			CCV	2	M060606A		
			CCB				
			060724- B-11				
			-L-11				
			06-07-1081 -1				
			-1ms				
			-1msd				
			-3				
			-4				
			06-07-1069-1	5			
			06-07-1059 -1				
			-2				
			CCV	2	M060606A		
			CCB				
			06-07-1059 -3				
			-4				
			-5				
			06-07-0736-1				
			06-07-1074 -2ps				
			-2psd				
			060721-L-05D				
			060721 -L-10D				
			06-07-0983-1ps				

Reviewed by: _____ on ___/___/___

11/12/04 Revision, ICPDATA.LOG.xls

ICP DATA LOG

Calscience Environmental Laboratories, Inc.

DATE	DATA FILE	SAMPLE FILE	CEL ID #	DILUTION FACTOR	STANDARD LOT #	WHO	COMMENTS
07-25-06	060725A1	6010B/200.7	06-07-0983-1psd			JN	
			ccv	2	M060606A		
			ccB				
			Calib. Blank				
			Calib. STD		M060606A		
			ccv	2	↓		
			ccB				
			06-07-1107-3F				
			06-07-1111-1				
			-2				
			-3				
			-4				
			06-07-0686St-1				
			-3				
			06-07-0768st-1				
			06-07-0948st-1				
			06-06-1573st-12				
			ccv	2	M060606A		
			ccB				
			06-07-0806tc-27				
			06-07-1026-3				
			06-07-1112-1				
			06-07-1108-1				
			060721-L-14D				
			06-07-1056-8ps				
			-8psd				

Reviewed by: _____ on ___/___/___

11/12/04 Revision, ICPDATA.LOG.xls

DATA LOG

Calscience Environmental Laboratories, Inc.

DATE	DATA FILE	SAMPLE FILE	CEL ID #	DILUTION FACTOR	STANDARD LOT #	WHO	COMMENTS
07-25-06	060725A1	6010B/200.7	06-07-1056 -6	10		JN	
			-12	10			
			06-07-1055 -1	10			
			CCV	2	M060606A		
			CCB				
			06-07-1055 - 2	10			
			06-07-1189 -2				
			-3				
			-5				
			-9				
			-11				
			-13				
			CCV	2	M060606A		
			CCB				
			060725 -B-01A				
			-L-01A				
			06-07 -1049 tc-1				
			-1ms				
			-1msd				
			06-07-1031 tc-1				
			-2				
			-3				
			-4				
			-9				
			CCV	2	M060606A		
			CCB				

Reviewed by: _____ on ____/____/____

11/12/04 Revision, ICPDATA.LOG.xls

ICP DATA LOG

Calscience Environmental Laboratories, Inc.

DATE	DATA FILE	SAMPLE FILE	CEL ID #	DILUTION FACTOR	STANDARD LOT #	WHO	COMMENTS
07-25-06	060725A1	6010B/200.7	06-07-1050 tc-3			JN	
			06-07-1051 tc-11				
			-12				
			CCV	2	M060606A		
			CCB				
			060724-B-02				
			-L-02				
			06-07-0851 st-1				
			-1ms				
			-1msd				
			06-07-0887 st-1				
			06-07-1050 st-3				
			06-07-0852 st-1				
			06-07-0853 st-1				
			CCV	2	M060606A		
			CCB				
			060724-B-10				
			-L-10				
			-L-10D				
			-L-12D				
			06-07-1135-1ps				
			-1psd				
			06-07-0923-14	10			
			060721-L-04D				
			06-07-1024-2ps				
			-2psd				

Reviewed by: _____ on ___/___/___

11/12/04 Revision, ICPDATA.LOG.xls

ICP DATA LOG

Calscience Environmental Laboratories, Inc.

DATE	DATA FILE	SAMPLE FILE	CEL ID #	DILUTION FACTOR	STANDARD LOT #	WHO	COMMENTS
07-25-06	060725A1	6010B/200.7	CCV	2	M060606A	JN	
			CCB				
			ICS and AB		M052506A		
			CCV	2	M060606A		
			CCB				
			060725 -B-03				
			↓ -L-03				
			CCV	2	M060606A		
			CCB				
			06-07 -1238-45				
			060725 -B-05				
			↓ -L-05				
			06-07-1238 -1ms				
			-1msd				
			-1				
			-3				
			-5				
			-7				
			-9				
			CCV	2	M060606A		
			CCB				
			06-07-1238 -11				
			-13				
			-15				
			-17				
			-19				

Reviewed by: _____ on ___/___/___

11/12/04 Revision, ICPDATA.LOG.xls

ICP DATA LOG

Calscience Environmental Laboratories, Inc.

DATE	DATA FILE	SAMPLE FILE	CEL ID #	DILUTION FACTOR	STANDARD LOT #	WHO	COMMENTS
07-25-06	060725A1	6010B/200.7	CCB			JN	
			20 ppm #1	5	M063006A		
			20 ppm #2	5	M060206A		
			CCV	2	M060606A		
			CCB				
07-26-06	060726A1	6010B/200.7	Calib. Blank			JN	
			Calib. STD #1		M072406C		
			Calib. STD		M060606A		
			ICV		M051706B		
			ICB				
			Highest STD		M060606A		
			ICV 2	1000	M003-85-23		
			ICS AB		M052506A		
			ICS A		M042206A		
			CCB				
			ccll 0.005ppm				
			ccll 0.020 ppm				
			06-07-0989 -1	20			
			-2	20			
			-1				
			-2				
			-2 ms				
			-2 msd				
			CCV	2	M060606A		
			CCV 2	2	M072406C		

Reviewed by: _____ on ___/___/___

11/12/04 Revision, ICPDATA.LOG.xls

Calscience Environmental Laboratories, Inc.

ICP DATA LOG

DATE	DATA FILE	SAMPLE FILE	CEL ID #	DILUTION FACTOR	STANDARD LOT #	WHO	COMMENTS
07-26-06	060726Ai	6010B/200.7	CCB			JN	
			ICV Si	1000	M003-85-19		
			060724-B-03				
			-L-03				
			-L-03D				
			06-07-1032-2T				
			-2ms				
			-2msd				
			06-07-1178-1				
			-2				
			CCV	2	M060606A		
			CCB				
			06-07-1178-3				
			CCV	2	M060606A		
			CCB				
			06-07-1032-1F				
			-2F				
			-3F				
			06-07-1072-1F				
			-2F				
			CCV	2	M060606A		
			CCB				
			06-07-1189-2				
			06-07-0908-7	20			
			-8	20			
			-10	100			

Reviewed by: _____ on ___/___/___

11/12/04 Revision, ICPDATA.LOG.xls

ICP DATA LOG

Calscience Environmental Laboratories, Inc.

DATE	DATA FILE	SAMPLE FILE	CEL ID #	DILUTION FACTOR	STANDARD LOT #	WHO	COMMENTS
07-26-06	060726A1	6010B/200.7	06-07-0908-9	100		JN	
			CCV	2	M060606A		
			CCB				
			06-07-0926-1ps				
			-1psd				
			060724-B-10				
			060724-L-10				
			06-07-1115-1				
			-1ms				
			-1msd				
			06-07-1119-1				
			CCV	2	M060606A		
			CCB				
			060726-B-03				
			-L-03				
			06-07-1242tc-5				
			-5ms				
			-5msd				
			CCV	2	M060606A		
			CCB				
			06-07-0937tc-9				
			-21				
			-30				
			-40				
			-66				
			-68				

Reviewed by: _____ on ___/___/___

11/12/04 Revision, ICPDATA.LOG.xls

ICP DATA LOG

Calscience Environmental Laboratories, Inc.

DATE	DATA FILE	SAMPLE FILE	CEL ID #	DILUTION FACTOR	STANDARD LOT #	WHO	COMMENTS
07-26-06	060726Aj	6010B/200.7	06-07-0936tc-9			JN	
			06-07-0284tc-1				
			06-07-0506tc-20				
			CCV	2	M060306A		
			CCB				
			06-07-1189-1	10			
			CCV	2	M060606A		
			CCB				
			060726-B-04				
			-L-04				
			06-07-1051 St-11				
			-11ms				
			-11msd				
			-12				
			06-07-0838 St-1				
			CCV	2	M060606A		
			CCB				
			06-07-1215tc-3				
			-7				
			-9				
			-11				
			06-07-1214-1				
			06-07-1216-1				
			06-07-1217-1				
			06-07-1215-1				
			-2				

Reviewed by: _____ on ___/___/___

11/12/04 Revision, ICPDATA.LOG.xls

ICP DATA LOG

Calscience Environmental Laboratories, Inc.

DATE	DATA FILE	SAMPLE FILE	CEL ID #	DILUTION FACTOR	STANDARD LOT #	WHO	COMMENTS
07-26-06	060726H1	6010B/200.7	CCV	2	M060606A	JN	
			CCB				
			06-07-1215-5				
			-6				
			CCV	2	M060606A		
			CCB				
			06-07-1169-1F				
			-4F				
			-5F				
			06-07-1213-2F				
			-1				
			-2				
			-3				
			CCV	2	M060606A		
			CCB				
			Cr6ll 0.005ppm				
			Cr6ll 0.020ppm				
			06-07-1230fc-9				
			06-07-1213-4				
			06-07-1154-1				
			-2				
			-3				
			06-07-1153-1				
			-3				
			-4				
			CCV	2	M060606A		

Reviewed by: _____ on ___/___/___

11/12/04 Revision, ICPDATA.LOG.xls

ICP DATA LOG

Calscience Environmental Laboratories, Inc.

DATE	DATA FILE	SAMPLE FILE	CEL ID #	DILUTION FACTOR	STANDARD LOT #	WHO	COMMENTS
07-26-06	060726A1	6010B/200.7	CCB			JW	
			06-07-1153-6				
			06-07-1212-1				
			06-07-1211-1	5			
			06-07-1130-1				
			-2				
			-3				
			060725-B-03F				
			060725-L-03F				
			06-07-1157-1				
			-1ms				
			CCV	2	M060606A		
			CCB				
			06-07-1157-1msd				
			CCV	2	M060606A		
			CCB				
			Calib. Blank				
			Calib. STD		M060606A		
			CCV	2			
			CCB				
			060726-B-01F				
			-L-01F				
			060726-L-05D				
			06-07-1198-4				
			-4ms				
			-4msd				

Reviewed by: _____ on ___/___/___

11/12/04 Revision, ICPDATA.LOG.xls

ICP DATA LOG

Calscience Environmental Laboratories, Inc.

DATE	DATA FILE	SAMPLE FILE	CEL ID #	DILUTION FACTOR	STANDARD LOT #	WHO	COMMENTS
07-26-06	060726A1	6010B/200.7	06-07-1198-6			JN	
			06-07-0995-1				
			-2				
			-3				
			CCV	2	M060606A		
			CCB				
			06-07-0995-4				
			-5				
			-6				
			-7				
			-8				
			06-07-1181-1				
			06-07-1182-1				
			06-07-1180-1				
			060725-B-02				
			-L-02				
			CCV	2	M060606A		
			CCB				
			06-07-1155-1				
			-1ms				
			-1msd				
			-2				
			-3				
			-4				
			06-07-1157-6				
			06-07-1261-1				

Reviewed by: _____ on ___/___/___

11/12/04 Revision, ICPDATA.LOG.xls

ICP DATA LOG

Calscience Environmental Laboratories, Inc.

DATE	DATA FILE	SAMPLE FILE	CEL ID #	DILUTION FACTOR	STANDARD LOT #	WHO	COMMENTS
07-26-06	060726 A1	6010B/200.7	06-07-1264-24			JN	
			06-07-1250-1				
			CCV	2	M060606A		
			CCB				
			06-07-1250-2				
			-3				
			-4				
			-5				
			06-07-1241-5				
			06-07-1279-1				
			-2				
			06-07-1277-1				
			060726-B-05				
			-L-05				
			CCV	2	M060606A		
			CCB				
			06-07-1245-7				
			-7ms				
			-7msd				
			-1				
			-2				
			-6				
			06-07-1050 st-3	10			
			06-07-0887 st-1	10			
			06-07-1031-3	10			
			ICS end AB		M052506A		

Reviewed by: _____ on ___/___/___

11/12/04 Revision, ICPDATA.LOG.xls

METALS SAMPLE PREPARATION

Calscience Environmental Laboratories, Inc.

MS Batch ID: 060724-503 -MS

MetPrep.xlw

Reagent Lot ID: 1a M0039306 1b _____ 2a M0039301 2b _____ 3a _____ 3b _____

* If digestion is not required due to turbidity < 1NTU, then record the turbidity run date.

Date*	Matrix S=Soil A=Aqueous Other(specify)	pH	Turb. (NTU)	Temp. (°C)	CEL ID Number	Analyte	Sample W(g)/Vol(mL) Initial	Sample W(g)/Vol(mL) Final	Reagent Lot Number (enter # above)	Reagent 1=HNO3 2=HCl 3=H2O2	MS/LCS added Lot Number	MS/LCS added Conc (ppm)	MS/LCS added Vol (mL)	Who
07/24/06	S A O	<2	NA	95	Spike Sample 06-07-1032-2	Metal	50	50	1a 1b 2a 2b 3a 3b	1 2 3	M063006A M062006A	100	0.2	DZ
	S A O				Spike Duplicate				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				060724-203				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				060724-203D				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				060724-B03				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O	<2			06-07-1032-1	Metal			1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				-2				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				-3				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O	6-7			-1P	Metal			1a 1b 2a 2b 3a 3b	1 2 3	R1			
	S A O				-2P				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				-3P				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O	<2			06-07-1072-1	Metal			1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				-2				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O	6-7			-1P	Metal			1a 1b 2a 2b 3a 3b	1 2 3	R1			
	S A O				-2P				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				06-07-1076-1	Metal			1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				-2				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				-3				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				-4				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				

Comments: _____

Reviewed by: _____ Date: ____ / ____ / ____

04/30/97 Revision

MERCURY SAMPLE PREPARATION

Calscience Environmental Laboratories, Inc.

MS Batch ID: 060721-S04MS

MetPrep2.xls

Reagent Lot ID: 1 M003-92-13 2 R050506 02 3 _____ 4 M003-90-06 5 R050506 03 6 R050506 04

Date	Matrix (S=Soil, A=Aqueous, Other(specify))	pH	Temp. (°C)	CEL ID Number	Sample W(g)/Vol(mL) Initial	Sample W(g)/Vol(mL) Final	Reagent (1=HNO3, 2=KMnO4, 3=HCl:HNO3, 4 = H2SO4, 5=Na2S2O8, 6=NH2OH-HCl) Time In	Reagent Time Out	MS/LCS added Lot Number	MS/LCS added Conc (ppm)	MS/LCS added Vol (mL)	Who
7-21-06	S (A) O	NA	95	Spike Sample 06-07-1032-2	50	100	11:40	1:40	M031306F	2.0	0.25	X
	S A O			Spike Duplicate								
	S A O			060721-L04	100							
	S A O			L04D								
	S A O			b04								
	S A O			06-07-1032-1	50							
	S A O			2								
	S A O			3								
	S A O			06-07-1060-1			4:45	6:45				
	S A O			2								
	S A O			3								
	S A O			4								
	S A O			06-07-1073-1			17:30	19:30				RV
	S A O			-2								
	S A O											
	S A O											
	S A O											
	S A O											
	S A O											
	S A O											
	S A O											
	S A O											
	S A O											
	S A O											
	S A O											
	S A O											
	S A O											
	S A O											
	S A O											
	S A O											

Comments: _____

Reviewed by: _____ Date: ____ / ____ / ____

01/15/01 Revision

Sequence No.: 2
Sample ID: Calib Std #1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 11
Date Collected: 7/25/06 12:23:09 PM

Sample Prep Volume:
Data Type: Original

Sequence No.: 1
Sample ID: Calib Blank 1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 7/25/06 12:25:52 PM

Sample Prep Volume:
Data Type: Original

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 324.227	169054.3	166.10	0.10%	5.029	mg/L
Ho 339.898	38277.0	523.43	1.37%	4.938	mg/L
Ho 345.600	65421.5	931.76	1.42%	4.932	mg/L
Ho 347.426	25019.8	272.49	1.09%	4.938	mg/L
Tb 350.917	24787.4	306.27	1.24%	4.935	mg/L
Y 371.029	484835.5	503.66	0.10%	5.026	mg/L
Tb 384.873	24104.1	321.34	1.33%	4.948	mg/L
S 180.669	19.4	1.59	8.23%	[0.00]	mg/L
S 181.975*†	18.0	0.05	0.26%	[0.00]	mg/L
S 182.563	-3.0	0.30	9.76%	[0.00]	mg/L
As 188.979†	-14.1	0.02	0.15%	[0.00]	mg/L
Sn 189.927*†	22.8	4.25	18.66%	[0.00]	mg/L
Bi 190.171	44.9	6.29	14.01%	[0.00]	mg/L
Tl 190.801*†	5.5	2.32	41.92%	[0.00]	mg/L
Tl	-15.6	1.29	8.26%	[0.00]	mg/L
As 193.696*†	-2.2	4.28	194.54%	[0.00]	mg/L
Se 196.026*†	-9.6	1.33	13.89%	[0.00]	mg/L
Mo 202.031*†	-116.7	1.81	1.55%	[0.00]	mg/L
Zn 202.548	557.5	20.85	3.74%	[0.00]	mg/L
Mo 203.845	-52.7	0.44	0.84%	[0.00]	mg/L
Se 203.985	-89.8	3.52	3.92%	[0.00]	mg/L
Zn 206.200*†	519.3	9.81	1.89%	[0.00]	mg/L
Sb 206.836	28.1	5.41	19.28%	[0.00]	mg/L
Sb	19.6	2.00	10.19%	[0.00]	mg/L
P 213.617*†	-27.7	11.10	40.01%	[0.00]	mg/L
Zn 213.857*†	1036.5	31.33	3.02%	[0.00]	mg/L
P 214.914	-154.8	15.94	10.30%	[0.00]	mg/L
Pb 217.000	86.9	3.10	3.56%	[0.00]	mg/L
Sb 217.582*†	-108.4	3.57	3.29%	[0.00]	mg/L
Pb 220.353*†	81.9	4.49	5.48%	[0.00]	mg/L
Bi 223.061*†	-273.2	9.22	3.38%	[0.00]	mg/L
Cd 226.502*†	-93.2	0.66	0.70%	[0.00]	mg/L
Co 228.616*†	133.6	3.59	2.69%	[0.00]	mg/L
Cd 228.802	-9.4	9.51	101.55%	[0.00]	mg/L
Co 230.786	47.7	7.70	16.13%	[0.00]	mg/L
Ni 231.604*†	95.0	1.37	1.45%	[0.00]	mg/L
Ni 232.003	64.3	7.16	11.13%	[0.00]	mg/L
Ba 233.527*†	-47.0	3.39	7.21%	[0.00]	mg/L
Fe 239.562	4059.7	70.68	1.74%	[0.00]	mg/L
Sn 242.170	770.7	0.72	0.09%	[0.00]	mg/L
B 249.677*†	1233.3	11.23	0.91%	[0.00]	mg/L
B 249.772	1.1	11.76	>999.9%	[0.00]	mg/L
Si 251.611*†	169715.2	1302.33	0.77%	[0.00]	mg/L
Mn 257.610*†	-589.7	38.63	6.55%	[0.00]	mg/L
Mn 259.372	1188.2	35.02	2.95%	[0.00]	mg/L
Fe 259.939	7394.1	106.52	1.44%	[0.00]	mg/L
Cr 267.716*†	1447.2	10.87	0.75%	[0.00]	mg/L
Fe 273.955*†	13161.5	27.07	0.21%	[0.00]	mg/L
Mg 279.077*†	526.8	1.01	0.19%	[0.00]	mg/L
Mg 280.271	16886.4	66.49	0.39%	[0.00]	mg/L
Si 288.158	77784.8	263.02	0.34%	[0.00]	mg/L
V 292.402*†	-720.6	13.32	1.85%	[0.00]	mg/L
Al 308.215*†	8359.2	51.33	0.61%	[0.00]	mg/L

V 310.230	27773.0	198.88	0.72%	[0.00]	mg/L
Be 313.042*†	2332.2	61.35	2.63%	[0.00]	mg/L
Be 313.107	-4929.3	64.52	1.31%	[0.00]	mg/L
Ca 317.933*†	-1324.6	22.92	1.73%	[0.00]	mg/L
Cu 324.752*†	5378.0	6.10	0.11%	[0.00]	mg/L
Cu 327.393	-1928.3	1.01	0.05%	[0.00]	mg/L
Ag 328.068*†	129.5	40.84	31.55%	[0.00]	mg/L
Ti 334.940	5890.2	140.78	2.39%	[0.00]	mg/L
Ti 336.121*†	-923.3	96.36	10.44%	[0.00]	mg/L
Ag 338.289	-907.2	38.68	4.26%	[0.00]	mg/L
Tl 351.924	504.1	4.98	0.99%	[0.00]	mg/L
Cr 357.869	533.5	41.70	7.82%	[0.00]	mg/L
Al 396.153	32087.8	285.01	0.89%	[0.00]	mg/L
Sr 407.771*†	615.9	34.37	5.58%	[0.00]	mg/L
Sr 421.552	452.4	20.54	4.54%	[0.00]	mg/L
Ca 422.673	1875.1	14.19	0.76%	[0.00]	mg/L
Ba 455.403	357.5	12.82	3.58%	[0.00]	mg/L
Li 460.286	-894.4	61.16	6.84%	[0.00]	mg/L
Sr 460.733	-4156.5	4.22	0.10%	[0.00]	mg/L
Na 588.995	-12723.3	62.91	0.49%	[0.00]	mg/L
Na 589.592*†	9374.9	94.12	1.00%	[0.00]	mg/L
Li 610.362*†	-46552.7	169.79	0.36%	[0.00]	mg/L
K 766.490*	603.4	35.55	5.89%	[0.00]	mg/L

Sequence No.: 3
Sample ID: Calib Std #3
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 7/25/06 12:30:17 PM

Sample Prep Volume:
Data Type: Original

Mean Data: Calib Std #3

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 324.227	168091.1	738.58	0.44%	5.000	mg/L
Ho 339.898	36503.8	211.41	0.58%	4.709	mg/L
Ho 345.600	63506.0	361.47	0.57%	4.787	mg/L
Ho 347.426	24155.2	34.43	0.14%	4.767	mg/L
Tb 350.917	24833.8	82.10	0.33%	4.944	mg/L
Y 371.029	478849.2	1185.78	0.25%	4.964	mg/L
Tb 384.873	23115.6	143.03	0.62%	4.745	mg/L
As 188.979†	8225.2	35.22	0.43%	[7.50]	mg/L
Sn 189.927*†	5903.6	28.98	0.49%	[6.0]	mg/L
Tl 190.801*†	3032.4	83.22	2.74%	[3.0]	mg/L
Tl	2412.2	59.20	2.45%	[3.0]	mg/L
As 193.696*†	8536.2	27.95	0.33%	[7.50]	mg/L
Se 196.026*†	3280.0	17.39	0.53%	[3.0]	mg/L
Mo 202.031*†	4756.8	34.22	0.72%	[1.20]	mg/L
Zn 202.548	89400.4	11.89	0.01%	[5.0]	mg/L
Mo 203.845	5388.8	1.27	0.02%	[1.20]	mg/L
Se 203.985	3063.1	12.99	0.42%	[3.0]	mg/L
Zn 206.200*†	66764.9	300.91	0.45%	[5.0]	mg/L
Sb 206.836	9468.9	20.30	0.21%	[9.0]	mg/L
Sb	7228.6	12.66	0.18%	[9.0]	mg/L
P 213.617*†	20761.7	108.54	0.52%	[12.0]	mg/L
Zn 213.857*†	198094.5	224.71	0.11%	[5.0]	mg/L
P 214.914	21657.7	42.12	0.19%	[12.0]	mg/L
Pb 217.000	6065.1	17.05	0.28%	[7.50]	mg/L
Sb 217.582*†	24967.1	101.81	0.41%	[9.0]	mg/L
Pb 220.353*†	40205.2	56.54	0.14%	[7.50]	mg/L
Cd 226.502*†	128156.1	139.48	0.11%	[1.50]	mg/L
Co 228.616*†	80054.5	22.25	0.03%	[3.75]	mg/L
Cd 228.802	42761.3	163.68	0.38%	[1.50]	mg/L
Co 230.786	62182.9	170.44	0.27%	[3.75]	mg/L
Ni 231.604*†	26830.5	1.30	0.00%	[1.20]	mg/L
Ni 232.003	11584.2	10.55	0.09%	[1.20]	mg/L
Ba 233.527*†	1228788.1	1102.35	0.09%	[15.0]	mg/L
Fe 239.562	23093.1	117.08	0.51%	[7.50]	mg/L
Sn 242.170	19592.3	27.49	0.14%	[6.0]	mg/L
B 249.677*†	153064.7	207.61	0.14%	[7.50]	mg/L
B 249.772	98016.4	106.80	0.11%	[7.50]	mg/L
Si 251.611*†	123649.8	1759.10	1.42%	[12.0]	mg/L
Mn 257.610*†	290084.2	337.63	0.12%	[1.50]	mg/L
Mn 259.372	274311.4	1118.53	0.41%	[1.50]	mg/L
Fe 259.939	44674.1	386.42	0.86%	[7.50]	mg/L
Cr 267.716*†	87826.4	222.41	0.25%	[1.20]	mg/L
Fe 273.955*†	75078.8	86.39	0.12%	[7.50]	mg/L
Mg 279.077*†	66211.3	127.71	0.19%	[15.0]	mg/L
Mg 280.271	1545538.6	12647.58	0.82%	[15.0]	mg/L
Si 288.158	53072.0	1223.99	2.31%	[12.0]	mg/L
V 292.402*†	72790.2	42.31	0.06%	[3.75]	mg/L
Al 308.215*†	310615.4	1287.17	0.41%	[27.0]	mg/L
V 310.230	246749.4	1465.61	0.59%	[3.75]	mg/L
Be 313.042*†	1948224.8	1453.79	0.07%	[1.125]	mg/L
Be 313.107	2415241.8	9669.74	0.40%	[1.125]	mg/L
Ca 317.933*†	341332.0	303.90	0.09%	[60.0]	mg/L
Cu 324.752*†	218929.3	407.19	0.19%	[1.875]	mg/L
Cu 327.393	115467.4	634.46	0.55%	[1.875]	mg/L
Ag 328.068*†	123114.3	327.18	0.27%	[0.75]	mg/L
Ti 334.940	339361.8	1489.46	0.44%	[1.20]	mg/L
Ti 336.121*†	402641.6	707.58	0.18%	[1.20]	mg/L
Ag 338.289	58956.1	310.83	0.53%	[0.75]	mg/L
Tl 351.924	11210.2	315.69	2.82%	[3.0]	mg/L
Cr 357.869	54227.7	679.48	1.25%	[1.20]	mg/L

Al 396.153	2309934.0	13366.68	0.58%	[27.0] mg/L
Sr 407.771*†	807463.0	5787.58	0.72%	[0.60] mg/L
Sr 421.552	311930.0	2332.68	0.75%	[0.60] mg/L
Ca 422.673	738616.8	6598.80	0.89%	[60.0] mg/L
Ba 455.403	2066768.6	14371.89	0.70%	[15.0] mg/L
Li 460.286	41701.4	367.55	0.88%	[6.0] mg/L
Sr 460.733	189075.0	1521.11	0.80%	[0.60] mg/L
Na 588.995	561840.7	4700.41	0.84%	[72.0] mg/L
Na 589.592*†	481224.6	1240.02	0.26%	[72.0] mg/L
Li 610.362*†	1375919.2	624.55	0.05%	[6.0] mg/L
K 766.490*	125184.8	478.68	0.38%	[54.0] mg/L

Sequence No.: 4
Sample ID: ICV
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 7/25/06 12:32:51 PM

Sample Prep Volume:
Data Type: Original

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	169458.8	5.041	mg/L	0.0117				0.23%
Ho 339.898	37673.5	4.860	mg/L	0.0392				0.81%
Ho 345.600	65059.2	4.904	mg/L	0.0501				1.02%
Ho 347.426	24855.5	4.905	mg/L	0.0537				1.10%
Tb 350.917	25163.6	5.010	mg/L	0.0563				1.12%
Y 371.029	481242.2	4.988	mg/L	0.0070				0.14%
Tb 384.873	23409.0	4.805	mg/L	0.0202				0.42%
S 180.669	45.4	0.383	mg/L	0.0059	0.383	mg/L	0.0059	1.53%
S 181.975*†	-3.5	-0.034	mg/L	0.0210	-0.034	mg/L	0.0210	60.78%
S 182.563	-209.7	-4.05	mg/L	0.351	-4.05	mg/L	0.351	8.68%
As 188.979†	5281.5	4.816	mg/L	0.0651	4.816	mg/L	0.0651	1.35%
QC value within limits for As 188.979 Recovery = 96.32%								
Sn 189.927*†	2617.4	2.660	mg/L	0.0391	2.660	mg/L	0.0391	1.47%
QC value within limits for Sn 189.927* Recovery = 106.41%								
Bi 190.171	20.8	0.050	mg/L	0.0015	0.050	mg/L	0.0015	2.92%
Tl 190.801*†	1991.2	1.970	mg/L	0.0316	1.970	mg/L	0.0316	1.61%
QC value within limits for Tl 190.801* Recovery = 98.50%								
Tl	1583.7	1.970	mg/L	0.0502	1.970	mg/L	0.0502	2.55%
As 193.696*†	5265.5	4.626	mg/L	0.0093	4.626	mg/L	0.0093	0.20%
QC value within limits for As 193.696* Recovery = 92.53%								
Se 196.026*†	2174.2	1.989	mg/L	0.0243	1.989	mg/L	0.0243	1.22%
QC value within limits for Se 196.026* Recovery = 99.43%								
Mo 202.031*†	9876.8	2.493	mg/L	0.0175	2.493	mg/L	0.0175	0.70%
QC value within limits for Mo 202.031* Recovery = 99.73%								
Zn 202.548	28291.7	1.582	mg/L	0.0015	1.582	mg/L	0.0015	0.10%
Mo 203.845	11323.3	2.522	mg/L	0.0205	2.522	mg/L	0.0205	0.81%
Se 203.985	1729.1	1.693	mg/L	0.0044	1.693	mg/L	0.0044	0.26%
Zn 206.200*†	20652.6	1.543	mg/L	0.0166	1.543	mg/L	0.0166	1.08%
QC value within limits for Zn 206.200* Recovery = 102.88%								
Sb 206.836	2074.0	1.971	mg/L	0.0045	1.971	mg/L	0.0045	0.23%
Sb	1583.7	2.020	mg/L	0.0029	2.020	mg/L	0.0029	0.14%
P 213.617*†	8303.6	4.809	mg/L	0.0130	4.809	mg/L	0.0130	0.27%
QC value within limits for P 213.617* Recovery = 96.17%								
Zn 213.857*†	61718.7	1.556	mg/L	0.0129	1.556	mg/L	0.0129	0.83%
QC value within limits for Zn 213.857* Recovery = 103.75%								
P 214.914	8918.8	4.942	mg/L	0.0219	4.942	mg/L	0.0219	0.44%
Pb 217.000	4087.2	5.149	mg/L	0.0744	5.149	mg/L	0.0744	1.44%
Sb 217.582*†	5334.0	1.923	mg/L	0.0109	1.923	mg/L	0.0109	0.57%
QC value within limits for Sb 217.582* Recovery = 96.14%								
Pb 220.353*†	26728.9	4.986	mg/L	0.0491	4.986	mg/L	0.0491	0.99%
QC value within limits for Pb 220.353* Recovery = 99.72%								
Bi 223.061*†	-722.1	-0.213	mg/L	0.0005	-0.213	mg/L	0.0005	0.25%
Cd 226.502*†	128576.9	1.505	mg/L	0.0131	1.505	mg/L	0.0131	0.87%
QC value within limits for Cd 226.502* Recovery = 100.33%								
Co 228.616*†	22401.6	1.049	mg/L	0.0080	1.049	mg/L	0.0080	0.77%
QC value within limits for Co 228.616* Recovery = 104.94%								
Cd 228.802	42372.3	1.486	mg/L	0.0046	1.486	mg/L	0.0046	0.31%
Co 230.786	17387.3	1.049	mg/L	0.0030	1.049	mg/L	0.0030	0.28%
Ni 231.604*†	9014.4	0.4032	mg/L	0.00529	0.4032	mg/L	0.00529	1.31%
QC value within limits for Ni 231.604* Recovery = 100.79%								
Ni 232.003	3954.3	0.4096	mg/L	0.00094	0.4096	mg/L	0.00094	0.23%
Ba 233.527*†	83693.2	1.022	mg/L	0.0090	1.022	mg/L	0.0090	0.88%
QC value within limits for Ba 233.527* Recovery = 102.17%								
Fe 239.562	309898.3	100.6	mg/L	1.16	100.6	mg/L	1.16	1.16%
Sn 242.170	8723.2	2.671	mg/L	0.0401	2.671	mg/L	0.0401	1.50%
B 249.677*†	52668.5	2.554	mg/L	0.0017	2.554	mg/L	0.0017	0.06%
QC value within limits for B 249.677* Recovery = 102.16%								
B 249.772	50103.8	4.087	mg/L	0.0225	4.087	mg/L	0.0225	0.55%
Si 251.611*†	24169.5	2.415	mg/L	0.5585	2.415	mg/L	0.5585	23.13%
QC value greater than the upper limit for Si 251.611* Recovery = 209.99%								

Mn 257.610*†	191633.6	0.9884	mg/L	0.00553	0.9884	mg/L	0.00553	0.56%
QC value within limits for Mn 257.610* Recovery = 98.84%								
Mn 259.372	204270.9	1.117	mg/L	0.0022	1.117	mg/L	0.0022	0.19%
Fe 259.939	596654.0	100.2	mg/L	0.85	100.2	mg/L	0.85	0.84%
Cr 267.716*†	29115.8	0.3983	mg/L	0.00337	0.3983	mg/L	0.00337	0.85%
QC value within limits for Cr 267.716* Recovery = 99.58%								
Fe 273.955*†	975544.6	97.45	mg/L	1.326	97.45	mg/L	1.326	1.36%
QC value within limits for Fe 273.955* Recovery = 97.45%								
Mg 279.077*†	40052.4	9.074	mg/L	0.0712	9.074	mg/L	0.0712	0.78%
QC value within limits for Mg 279.077* Recovery = 90.74%								
Mg 280.271	967703.8	9.392	mg/L	0.0411	9.392	mg/L	0.0411	0.44%
Si 288.158	10393.2	2.350	mg/L	0.3263	2.350	mg/L	0.3263	13.89%
V 292.402*†	18694.9	0.9680	mg/L	0.00513	0.9680	mg/L	0.00513	0.53%
QC value within limits for V 292.402* Recovery = 96.80%								
Al 308.215*†	45526.4	3.953	mg/L	0.0231	3.953	mg/L	0.0231	0.58%
QC value within limits for Al 308.215* Recovery = 98.83%								
V 310.230	66298.6	1.008	mg/L	0.0113	1.008	mg/L	0.0113	1.12%
Be 313.042*†	854733.4	0.4936	mg/L	0.00656	0.4936	mg/L	0.00656	1.33%
QC value within limits for Be 313.042* Recovery = 98.71%								
Be 313.107	1069318.2	0.4981	mg/L	0.00129	0.4981	mg/L	0.00129	0.26%
Ca 317.933*†	111922.8	19.67	mg/L	0.459	19.67	mg/L	0.459	2.34%
QC value within limits for Ca 317.933* Recovery = 98.37%								
Cu 324.752*†	115130.8	0.9867	mg/L	0.00156	0.9867	mg/L	0.00156	0.16%
QC value within limits for Cu 324.752* Recovery = 98.67%								
Cu 327.393	62249.0	1.011	mg/L	0.0092	1.011	mg/L	0.0092	0.91%
Ag 328.068*†	80559.4	0.4903	mg/L	0.00259	0.4903	mg/L	0.00259	0.53%
QC value within limits for Ag 328.068* Recovery = 98.06%								
Ti 334.940	1423134.4	5.032	mg/L	0.0085	5.032	mg/L	0.0085	0.17%
Ti 336.121*†	1674869.6	4.992	mg/L	0.0666	4.992	mg/L	0.0666	1.33%
QC value within limits for Ti 336.121* Recovery = 99.83%								
Ag 338.289	38848.4	0.4942	mg/L	0.00471	0.4942	mg/L	0.00471	0.95%
Tl 351.924	7130.5	1.908	mg/L	0.1002	1.908	mg/L	0.1002	5.25%
Cr 357.869	17124.3	0.3821	mg/L	0.00493	0.3821	mg/L	0.00493	1.29%
Al 396.153	345879.3	4.043	mg/L	0.0039	4.043	mg/L	0.0039	0.10%
Sr 407.771*†	267378.3	0.1983	mg/L	0.00457	0.1983	mg/L	0.00457	2.31%
QC value within limits for Sr 407.771* Recovery = 99.16%								
Sr 421.552	104811.8	0.2011	mg/L	0.00241	0.2011	mg/L	0.00241	1.20%
Ca 422.673	250470.1	20.35	mg/L	0.213	20.35	mg/L	0.213	1.04%
Ba 455.403	141773.8	1.029	mg/L	0.0151	1.029	mg/L	0.0151	1.46%
Li 460.286	17622.5	2.536	mg/L	0.0406	2.536	mg/L	0.0406	1.60%
Sr 460.733	56548.8	0.1800	mg/L	0.00084	0.1800	mg/L	0.00084	0.47%
Na 588.995	435903.6	55.86	mg/L	0.482	55.86	mg/L	0.482	0.86%
Na 589.592*†	362781.2	54.28	mg/L	1.296	54.28	mg/L	1.296	2.39%
QC value within limits for Na 589.592* Recovery = 100.52%								
Li 610.362*†	417035.9	1.819	mg/L	0.0247	1.819	mg/L	0.0247	1.36%
QC value within limits for Li 610.362* Recovery = 90.93%								
K 766.490*	18867.4	8.139	mg/L	0.0862	8.139	mg/L	0.0862	1.06%
QC value within limits for K 766.490* Recovery = 101.73%								

QC Failed. Continue with analysis.

Sequence No.: 5
Sample ID: ICB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/25/06 12:35:19 PM

Sample Prep Volume:
Data Type: Original

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	168948.3	5.026	mg/L	0.0875				1.74%
Ho 339.898	38139.5	4.920	mg/L	0.0558				1.13%
Ho 345.600	65276.2	4.921	mg/L	0.0511				1.04%
Ho 347.426	24927.7	4.920	mg/L	0.0427				0.87%
Tb 350.917	24812.9	4.940	mg/L	0.0548				1.11%
Y 371.029	483855.7	5.016	mg/L	0.0895				1.78%
Tb 384.873	23977.2	4.922	mg/L	0.0600				1.22%
S 180.669	3.5	0.030	mg/L	0.0013	0.030	mg/L	0.0013	4.37%
S 181.975*†	-0.2	-0.002	mg/L	0.0234	-0.002	mg/L	0.0234	>999.9%
S 182.563	-3.4	-0.065	mg/L	0.0806	-0.065	mg/L	0.0806	123.56%
As 188.979†	8.2	0.0075	mg/L	0.00128	0.0075	mg/L	0.00128	17.07%
Sn 189.927*†	6.2	0.0063	mg/L	0.00084	0.0063	mg/L	0.00084	13.32%
Bi 190.171	2.2	0.005	mg/L	0.0060	0.005	mg/L	0.0060	113.59%
Tl 190.801*†	51.4	0.0509	mg/L	0.00336	0.0509	mg/L	0.00336	6.61%
Tl	43.4	0.0540	mg/L	0.00661	0.0540	mg/L	0.00661	12.25%
As 193.696*†	6.1	0.0054	mg/L	0.00341	0.0054	mg/L	0.00341	63.09%
Se 196.026*†	0.7	0.0006	mg/L	0.00329	0.0006	mg/L	0.00329	540.32%
Mo 202.031*†	4.0	0.0010	mg/L	0.00007	0.0010	mg/L	0.00007	7.44%
Zn 202.548	283.1	0.0158	mg/L	0.00136	0.0158	mg/L	0.00136	8.59%
Mo 203.845	3.2	0.0007	mg/L	0.00048	0.0007	mg/L	0.00048	68.45%
Se 203.985	-0.6	-0.0006	mg/L	0.00844	-0.0006	mg/L	0.00844	>999.9%
Zn 206.200*†	209.5	0.0157	mg/L	0.00204	0.0157	mg/L	0.00204	12.99%
Sb 206.836	2.0	0.0019	mg/L	0.00519	0.0019	mg/L	0.00519	267.30%
Sb	1.1	0.0013	mg/L	0.00333	0.0013	mg/L	0.00333	257.33%
P 213.617*†	-7.2	-0.0041	mg/L	0.00618	-0.0041	mg/L	0.00618	151.46%
Zn 213.857*†	653.8	0.0165	mg/L	0.00206	0.0165	mg/L	0.00206	12.49%
P 214.914	-3.3	-0.0018	mg/L	0.00313	-0.0018	mg/L	0.00313	172.59%
Pb 217.000	6.1	0.0074	mg/L	0.00127	0.0074	mg/L	0.00127	17.10%
Sb 217.582*†	2.6	0.0009	mg/L	0.00122	0.0009	mg/L	0.00122	128.49%
Pb 220.353*†	59.1	0.0110	mg/L	0.00177	0.0110	mg/L	0.00177	16.10%
Bi 223.061*†	26.1	0.008	mg/L	0.0006	0.008	mg/L	0.0006	7.20%
Cd 226.502*†	79.4	0.0009	mg/L	0.00016	0.0009	mg/L	0.00016	17.24%
Co 228.616*†	34.9	0.0016	mg/L	0.00000	0.0016	mg/L	0.00000	0.08%
Cd 228.802	24.7	0.0009	mg/L	0.00038	0.0009	mg/L	0.00038	43.44%
Co 230.786	19.0	0.0011	mg/L	0.00029	0.0011	mg/L	0.00029	25.40%
Ni 231.604*†	13.8	0.0006	mg/L	0.00013	0.0006	mg/L	0.00013	21.35%
Ni 232.003	1.9	0.0002	mg/L	0.00027	0.0002	mg/L	0.00027	137.59%
Ba 233.527*†	8.9	0.0001	mg/L	0.00017	0.0001	mg/L	0.00017	151.71%
Fe 239.562	-392.2	-0.1274	mg/L	0.02023	-0.1274	mg/L	0.02023	15.88%
Sn 242.170	-22.4	-0.0068	mg/L	0.00431	-0.0068	mg/L	0.00431	62.93%
B 249.677*†	311.6	0.0153	mg/L	0.00101	0.0153	mg/L	0.00101	6.59%
B 249.772	231.4	0.0175	mg/L	0.00265	0.0175	mg/L	0.00265	15.13%
Si 251.611*†	-4469.1	-0.4338	mg/L	0.07084	-0.4338	mg/L	0.07084	16.33%
Mn 257.610*†	7.9	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	46.11%
Mn 259.372	-20.7	-0.0001	mg/L	0.00002	-0.0001	mg/L	0.00002	15.62%
Fe 259.939	-637.8	-0.1071	mg/L	0.01723	-0.1071	mg/L	0.01723	16.09%
Cr 267.716*†	9.1	0.0001	mg/L	0.00015	0.0001	mg/L	0.00015	121.61%
Fe 273.955*†	-868.4	-0.0868	mg/L	0.00355	-0.0868	mg/L	0.00355	4.09%
Mg 279.077*†	-62.8	-0.0142	mg/L	0.00132	-0.0142	mg/L	0.00132	9.31%
Mg 280.271	-1767.6	-0.0172	mg/L	0.00129	-0.0172	mg/L	0.00129	7.54%
Si 288.158	-2272.5	-0.5138	mg/L	0.28079	-0.5138	mg/L	0.28079	54.65%
V 292.402*†	-9.3	-0.0005	mg/L	0.00113	-0.0005	mg/L	0.00113	233.82%
Al 308.215*†	-154.3	-0.0134	mg/L	0.00727	-0.0134	mg/L	0.00727	54.26%
V 310.230	382.0	0.0058	mg/L	0.00286	0.0058	mg/L	0.00286	49.22%
Be 313.042*†	267.2	0.0002	mg/L	0.00006	0.0002	mg/L	0.00006	38.13%
Be 313.107	198.0	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	13.68%
Ca 317.933*†	-78.0	-0.0137	mg/L	0.00755	-0.0137	mg/L	0.00755	55.06%
Cu 324.752*†	659.7	0.0056	mg/L	0.00022	0.0056	mg/L	0.00022	3.88%
Cu 327.393	295.7	0.0048	mg/L	0.00053	0.0048	mg/L	0.00053	10.96%

Ag 328.068*†	33.8	0.0002 mg/L	0.00002	0.0002 mg/L	0.00002	11.13%
QC value within limits for Ag 328.068* Recovery = Not calculated						
Ti 334.940	40.8	0.0001 mg/L	0.00027	0.0001 mg/L	0.00027	186.73%
Ti 336.121*†	-17.0	-0.0001 mg/L	0.00015	-0.0001 mg/L	0.00015	294.50%
Ag 338.289	-5.7	-0.0001 mg/L	0.00042	-0.0001 mg/L	0.00042	577.79%
Tl 351.924	176.9	0.0473 mg/L	0.02019	0.0473 mg/L	0.02019	42.64%
Cr 357.869	-52.3	-0.0012 mg/L	0.00021	-0.0012 mg/L	0.00021	18.51%
Al 396.153	-782.6	-0.0091 mg/L	0.00076	-0.0091 mg/L	0.00076	8.34%
Sr 407.771*†	-151.5	-0.0001 mg/L	0.00002	-0.0001 mg/L	0.00002	18.09%
Sr 421.552	-69.9	-0.0001 mg/L	0.00003	-0.0001 mg/L	0.00003	21.24%
Ca 422.673	-108.4	-0.0088 mg/L	0.00189	-0.0088 mg/L	0.00189	21.43%
Ba 455.403	48.8	0.0004 mg/L	0.00006	0.0004 mg/L	0.00006	17.69%
Li 460.286	98.1	0.0141 mg/L	0.00089	0.0141 mg/L	0.00089	6.28%
Sr 460.733	190.8	0.0006 mg/L	0.00010	0.0006 mg/L	0.00010	17.07%
Na 588.995	1198.1	0.1535 mg/L	0.01239	0.1535 mg/L	0.01239	8.07%
Na 589.592*†	763.3	0.1142 mg/L	0.03381	0.1142 mg/L	0.03381	29.61%
Li 610.362*†	1733.1	0.0076 mg/L	0.00008	0.0076 mg/L	0.00008	1.05%
K 766.490*	26.2	0.0113 mg/L	0.00013	0.0113 mg/L	0.00013	1.16%

All analytes passed QC.

Sequence No.: 6
Sample ID: Highest STD
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 7/25/06 12:37:40 PM

Sample Prep Volume:
Data Type: Original

Mean Data: Highest STD

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	168296.3	5.006	mg/L	0.0130				0.26%
Ho 339.898	36562.0	4.717	mg/L	0.0059				0.13%
Ho 345.600	63493.3	4.786	mg/L	0.0073				0.15%
Ho 347.426	24134.1	4.763	mg/L	0.0124				0.26%
Tb 350.917	24787.4	4.935	mg/L	0.0010				0.02%
Y 371.029	471058.9	4.883	mg/L	0.0089				0.18%
Tb 384.873	22847.4	4.690	mg/L	0.0134				0.29%
S 180.669	132.6	1.12	mg/L	0.009	1.12	mg/L	0.009	0.81%
S 181.975*†	-4.1	-0.040	mg/L	0.0025	-0.040	mg/L	0.0025	6.28%
S 182.563	-611.8	-11.8	mg/L	0.27	-11.8	mg/L	0.27	2.25%
As 188.979†	8154.0	7.435	mg/L	0.0306	7.435	mg/L	0.0306	0.41%
QC value within limits for As 188.979 Recovery = 99.14%								
Sn 189.927*†	5886.6	5.983	mg/L	0.0444	5.983	mg/L	0.0444	0.74%
QC value within limits for Sn 189.927* Recovery = 99.71%								
Bi 190.171	9.9	0.024	mg/L	0.0027	0.024	mg/L	0.0027	11.10%
Tl 190.801*†	3143.8	3.110	mg/L	0.0735	3.110	mg/L	0.0735	2.36%
QC value within limits for Tl 190.801* Recovery = 103.67%								
Tl	2498.5	3.107	mg/L	0.0770	3.107	mg/L	0.0770	2.48%
As 193.696*†	8514.7	7.481	mg/L	0.0076	7.481	mg/L	0.0076	0.10%
QC value within limits for As 193.696* Recovery = 99.75%								
Se 196.026*†	3331.9	3.047	mg/L	0.0057	3.047	mg/L	0.0057	0.19%
QC value within limits for Se 196.026* Recovery = 101.58%								
Mo 202.031*†	4733.1	1.196	mg/L	0.0000	1.196	mg/L	0.0000	0.00%
QC value within limits for Mo 202.031* Recovery = 99.63%								
Zn 202.548	89237.5	4.991	mg/L	0.0151	4.991	mg/L	0.0151	0.30%
Mo 203.845	5318.7	1.184	mg/L	0.0056	1.184	mg/L	0.0056	0.47%
Se 203.985	3127.9	3.063	mg/L	0.0115	3.063	mg/L	0.0115	0.38%
Zn 206.200*†	66807.2	5.005	mg/L	0.0176	5.005	mg/L	0.0176	0.35%
QC value within limits for Zn 206.200* Recovery = 100.10%								
Sb 206.836	9432.7	8.966	mg/L	0.0128	8.966	mg/L	0.0128	0.14%
Sb	7200.1	9.041	mg/L	0.0159	9.041	mg/L	0.0159	0.18%
P 213.617*†	20403.8	11.81	mg/L	0.060	11.81	mg/L	0.060	0.51%
QC value within limits for P 213.617* Recovery = 98.46%								
Zn 213.857*†	200696.9	5.067	mg/L	0.0087	5.067	mg/L	0.0087	0.17%
QC value within limits for Zn 213.857* Recovery = 101.35%								
P 214.914	21432.1	11.87	mg/L	0.044	11.87	mg/L	0.044	0.37%
Pb 217.000	6053.5	7.477	mg/L	0.0323	7.477	mg/L	0.0323	0.43%
Sb 217.582*†	24481.6	8.825	mg/L	0.0192	8.825	mg/L	0.0192	0.22%
QC value within limits for Sb 217.582* Recovery = 98.06%								
Pb 220.353*†	40240.9	7.507	mg/L	0.0096	7.507	mg/L	0.0096	0.13%
QC value within limits for Pb 220.353* Recovery = 100.09%								
Bi 223.061*†	-234.2	-0.069	mg/L	0.0040	-0.069	mg/L	0.0040	5.88%
Cd 226.502*†	128473.0	1.504	mg/L	0.0058	1.504	mg/L	0.0058	0.39%
QC value within limits for Cd 226.502* Recovery = 100.25%								
Co 228.616*†	79999.0	3.747	mg/L	0.0055	3.747	mg/L	0.0055	0.15%
QC value within limits for Co 228.616* Recovery = 99.93%								
Cd 228.802	42717.7	1.498	mg/L	0.0031	1.498	mg/L	0.0031	0.21%
Co 230.786	62005.6	3.739	mg/L	0.0055	3.739	mg/L	0.0055	0.15%
Ni 231.604*†	26702.3	1.194	mg/L	0.0012	1.194	mg/L	0.0012	0.10%
QC value within limits for Ni 231.604* Recovery = 99.52%								
Ni 232.003	11471.8	1.188	mg/L	0.0002	1.188	mg/L	0.0002	0.02%
Ba 233.527*†	1214997.3	14.83	mg/L	0.012	14.83	mg/L	0.012	0.08%
QC value within limits for Ba 233.527* Recovery = 98.88%								
Fe 239.562	22833.8	7.416	mg/L	0.0428	7.416	mg/L	0.0428	0.58%
Sn 242.170	19193.5	5.878	mg/L	0.0003	5.878	mg/L	0.0003	0.00%
B 249.677*†	151607.0	7.425	mg/L	0.0388	7.425	mg/L	0.0388	0.52%
QC value within limits for B 249.677* Recovery = 99.00%								
B 249.772	96552.0	7.406	mg/L	0.0434	7.406	mg/L	0.0434	0.59%
Si 251.611*†	112972.8	10.97	mg/L	0.282	10.97	mg/L	0.282	2.57%

QC value less than the lower limit for Si 251.611* Recovery = 91.42%

Mn 257.610*†	284875.7	1.469 mg/L	0.0012	1.469 mg/L	0.0012	0.08%

QC value within limits for Mn 257.610* Recovery = 97.93%

Mn 259.372	268724.6	1.469 mg/L	0.0028	1.469 mg/L	0.0028	0.19%
Fe 259.939	44590.0	7.486 mg/L	0.0606	7.486 mg/L	0.0606	0.81%
Cr 267.716*†	87862.0	1.202 mg/L	0.0041	1.202 mg/L	0.0041	0.34%

QC value within limits for Cr 267.716* Recovery = 100.21%

Fe 273.955*†	74061.2	7.408 mg/L	0.0246	7.408 mg/L	0.0246	0.33%

QC value within limits for Fe 273.955* Recovery = 98.78%

Mg 279.077*†	66461.5	15.06 mg/L	0.045	15.06 mg/L	0.045	0.30%

QC value within limits for Mg 279.077* Recovery = 100.38%

Mg 280.271	1548876.7	15.03 mg/L	0.112	15.03 mg/L	0.112	0.74%
Si 288.158	50752.3	11.48 mg/L	0.344	11.48 mg/L	0.344	2.99%
V 292.402*†	73094.6	3.766 mg/L	0.0117	3.766 mg/L	0.0117	0.31%

QC value within limits for V 292.402* Recovery = 100.43%

Al 308.215*†	305809.8	26.57 mg/L	0.064	26.57 mg/L	0.064	0.24%

QC value within limits for Al 308.215* Recovery = 98.41%

V 310.230	241666.5	3.673 mg/L	0.0036	3.673 mg/L	0.0036	0.10%
Be 313.042*†	1917912.1	1.107 mg/L	0.0002	1.107 mg/L	0.0002	0.02%

QC value within limits for Be 313.042* Recovery = 98.44%

Be 313.107	2374634.4	1.106 mg/L	0.0003	1.106 mg/L	0.0003	0.03%
Ca 317.933*†	341081.1	59.96 mg/L	0.342	59.96 mg/L	0.342	0.57%

QC value within limits for Ca 317.933* Recovery = 99.93%

Cu 324.752*†	222612.7	1.909 mg/L	0.0003	1.909 mg/L	0.0003	0.02%

QC value within limits for Cu 324.752* Recovery = 101.81%

Cu 327.393	115552.5	1.879 mg/L	0.0025	1.879 mg/L	0.0025	0.13%
Ag 328.068*†	123943.6	0.7545 mg/L	0.00220	0.7545 mg/L	0.00220	0.29%

QC value within limits for Ag 328.068* Recovery = 100.59%

Ti 334.940	332115.8	1.174 mg/L	0.0028	1.174 mg/L	0.0028	0.24%
Ti 336.121*†	397315.6	1.184 mg/L	0.0013	1.184 mg/L	0.0013	0.11%

QC value within limits for Ti 336.121* Recovery = 98.68%

Ag 338.289	59088.0	0.7517 mg/L	0.00238	0.7517 mg/L	0.00238	0.32%
Tl 351.924	11361.0	3.040 mg/L	0.0836	3.040 mg/L	0.0836	2.75%
Cr 357.869	54509.6	1.209 mg/L	0.0014	1.209 mg/L	0.0014	0.12%
Al 396.153	2273031.1	26.57 mg/L	0.119	26.57 mg/L	0.119	0.45%
Sr 407.771*†	807427.3	0.5998 mg/L	0.00367	0.5998 mg/L	0.00367	0.61%

QC value within limits for Sr 407.771* Recovery = 99.96%

Sr 421.552	314273.3	0.6043 mg/L	0.00371	0.6043 mg/L	0.00371	0.61%
Ca 422.673	742166.2	60.29 mg/L	0.392	60.29 mg/L	0.392	0.65%
Ba 455.403	2065543.8	14.99 mg/L	0.102	14.99 mg/L	0.102	0.68%
Li 460.286	42411.1	6.102 mg/L	0.0316	6.102 mg/L	0.0316	0.52%
Sr 460.733	184428.4	0.5862 mg/L	0.00364	0.5862 mg/L	0.00364	0.62%
Na 588.995	559754.4	71.73 mg/L	0.228	71.73 mg/L	0.228	0.32%
Na 589.592*†	483183.6	72.29 mg/L	0.330	72.29 mg/L	0.330	0.46%

QC value within limits for Na 589.592* Recovery = 100.41%

Li 610.362*†	1358701.8	5.925 mg/L	0.0235	5.925 mg/L	0.0235	0.40%

QC value within limits for Li 610.362* Recovery = 98.75%

K 766.490*	126709.5	54.66 mg/L	0.496	54.66 mg/L	0.496	0.91%

QC value within limits for K 766.490* Recovery = 101.22%

All analytes passed QC.

Sequence No.: 14
Sample ID: ics ab
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 7/25/06 12:46:20 PM

Sample Prep Volume:
Data Type: Original

Mean Data: ics ab

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	167741.5	4.990	mg/L	0.0375				0.75%
Ho 339.898	36347.3	4.689	mg/L	0.0395				0.84%
Ho 345.600	63783.4	4.808	mg/L	0.0431				0.90%
Ho 347.426	23699.4	4.677	mg/L	0.0251				0.54%
Tb 350.917	24546.0	4.887	mg/L	0.0535				1.09%
Y 371.029	467580.8	4.847	mg/L	0.0019				0.04%
Tb 384.873	22862.2	4.693	mg/L	0.0288				0.61%
S 180.669	252.9	2.14	mg/L	0.018	2.14	mg/L	0.018	0.82%
S 181.975*†	-10.9	-0.107	mg/L	0.0894	-0.107	mg/L	0.0894	83.94%
S 182.563	-37.6	-0.725	mg/L	0.0177	-0.725	mg/L	0.0177	2.44%
As 188.979†	1113.1	1.015	mg/L	0.0055	1.015	mg/L	0.0055	0.54%
Sn 189.927*†	-25.4	-0.0258	mg/L	0.00112	-0.0258	mg/L	0.00112	4.33%
Bi 190.171	20.4	0.049	mg/L	0.0057	0.049	mg/L	0.0057	11.68%
Tl 190.801*†	935.9	0.9259	mg/L	0.03594	0.9259	mg/L	0.03594	3.88%
Tl	731.1	0.9092	mg/L	0.02324	0.9092	mg/L	0.02324	2.56%
As 193.696*†	1147.1	1.008	mg/L	0.0013	1.008	mg/L	0.0013	0.13%
Se 196.026*†	548.1	0.5013	mg/L	0.00368	0.5013	mg/L	0.00368	0.73%
Mo 202.031*†	1170.6	0.2982	mg/L	0.00119	0.2982	mg/L	0.00119	0.40%
Zn 202.548	5159.3	0.2886	mg/L	0.00203	0.2886	mg/L	0.00203	0.70%
Mo 203.845	1351.8	0.3010	mg/L	0.00025	0.3010	mg/L	0.00025	0.08%
Se 203.985	460.8	0.4513	mg/L	0.00377	0.4513	mg/L	0.00377	0.84%
Zn 206.200*†	4181.6	0.3118	mg/L	0.00233	0.3118	mg/L	0.00233	0.75%
Sb 206.836	1049.5	0.9976	mg/L	0.00296	0.9976	mg/L	0.00296	0.30%
Sb	796.9	1.057	mg/L	0.0053	1.057	mg/L	0.0053	0.50%
P 213.617*†	-25.8	-0.0096	mg/L	0.00063	-0.0096	mg/L	0.00063	6.59%
Zn 213.857*†	13113.3	0.3311	mg/L	0.00141	0.3311	mg/L	0.00141	0.42%
P 214.914	-40.8	-0.0226	mg/L	0.00089	-0.0226	mg/L	0.00089	3.95%
Pb 217.000	932.3	1.256	mg/L	0.0063	1.256	mg/L	0.0063	0.50%
Sb 217.582*†	2833.7	1.021	mg/L	0.0095	1.021	mg/L	0.0095	0.93%
Pb 220.353*†	5445.3	1.016	mg/L	0.0102	1.016	mg/L	0.0102	1.00%
Bi 223.061*†	-105.0	-0.031	mg/L	0.0063	-0.031	mg/L	0.0063	20.40%
Cd 226.502*†	25029.5	0.2930	mg/L	0.00145	0.2930	mg/L	0.00145	0.49%
Co 228.616*†	6882.1	0.3224	mg/L	0.00214	0.3224	mg/L	0.00214	0.66%
Cd 228.802	8125.6	0.2850	mg/L	0.00037	0.2850	mg/L	0.00037	0.13%
Co 230.786	5152.4	0.3107	mg/L	0.00106	0.3107	mg/L	0.00106	0.34%
Ni 231.604*†	7095.5	0.3173	mg/L	0.00247	0.3173	mg/L	0.00247	0.78%
Ni 232.003	2899.2	0.3003	mg/L	0.00070	0.3003	mg/L	0.00070	0.23%
Ba 233.527*†	25098.6	0.3064	mg/L	0.00070	0.3064	mg/L	0.00070	0.23%
Fe 239.562	299434.4	97.25	mg/L	0.232	97.25	mg/L	0.232	0.24%
Sn 242.170	242.8	0.0744	mg/L	0.00764	0.0744	mg/L	0.00764	10.28%
B 249.677*†	10525.2	0.4882	mg/L	0.00513	0.4882	mg/L	0.00513	1.05%
B 249.772	22097.8	1.939	mg/L	0.0112	1.939	mg/L	0.0112	0.58%
Si 251.611*†	11621.2	1.196	mg/L	0.2514	1.196	mg/L	0.2514	21.02%
Mn 257.610*†	37551.1	0.1854	mg/L	0.00018	0.1854	mg/L	0.00018	0.10%
Mn 259.372	58172.8	0.3181	mg/L	0.00308	0.3181	mg/L	0.00308	0.97%
Fe 259.939	589631.5	98.99	mg/L	2.887	98.99	mg/L	2.887	2.92%
Cr 267.716*†	22140.7	0.3058	mg/L	0.00028	0.3058	mg/L	0.00028	0.09%
Fe 273.955*†	961251.3	96.03	mg/L	0.666	96.03	mg/L	0.666	0.69%
Mg 279.077*†	261736.0	59.30	mg/L	0.089	59.30	mg/L	0.089	0.15%
Mg 280.271	5701186.2	55.33	mg/L	0.467	55.33	mg/L	0.467	0.84%
Si 288.158	2601.5	0.5882	mg/L	0.05921	0.5882	mg/L	0.05921	10.07%
V 292.402*†	5456.0	0.2863	mg/L	0.00187	0.2863	mg/L	0.00187	0.65%
Al 308.215*†	270693.9	23.53	mg/L	0.164	23.53	mg/L	0.164	0.70%
V 310.230	20025.9	0.3043	mg/L	0.00140	0.3043	mg/L	0.00140	0.46%
Be 313.042*†	171925.7	0.0993	mg/L	0.00032	0.0993	mg/L	0.00032	0.32%
Be 313.107	210592.8	0.0981	mg/L	0.00085	0.0981	mg/L	0.00085	0.87%
Ca 317.933*†	673329.7	118.4	mg/L	1.67	118.4	mg/L	1.67	1.41%
Cu 324.752*†	34771.3	0.2982	mg/L	0.00274	0.2982	mg/L	0.00274	0.92%
Cu 327.393	18129.3	0.2948	mg/L	0.00104	0.2948	mg/L	0.00104	0.35%

Ag 328.068*†	49843.2	0.3015 mg/L	0.00109	0.3015 mg/L	0.00109	0.36%
Ti 334.940	277780.1	0.9822 mg/L	0.00361	0.9822 mg/L	0.00361	0.37%
Ti 336.121*†	339067.1	1.011 mg/L	0.0075	1.011 mg/L	0.0075	0.74%
Ag 338.289	23660.1	0.3010 mg/L	0.00255	0.3010 mg/L	0.00255	0.85%
Tl 351.924	3412.3	0.9132 mg/L	0.03582	0.9132 mg/L	0.03582	3.92%
Cr 357.869	13043.7	0.2960 mg/L	0.00311	0.2960 mg/L	0.00311	1.05%
Al 396.153	2004671.2	23.43 mg/L	0.027	23.43 mg/L	0.027	0.12%
Sr 407.771*†	1892.9	0.0007 mg/L	0.00003	0.0007 mg/L	0.00003	4.47%
Sr 421.552	755.6	0.0006 mg/L	0.00004	0.0006 mg/L	0.00004	7.75%
Ca 422.673	1489773.5	121.0 mg/L	0.99	121.0 mg/L	0.99	0.82%
Ba 455.403	41355.7	0.3000 mg/L	0.00104	0.3000 mg/L	0.00104	0.35%
Li 460.286	4546.7	0.6542 mg/L	0.00553	0.6542 mg/L	0.00553	0.85%
Sr 460.733	482.4	0.0030 mg/L	0.00034	0.0030 mg/L	0.00034	11.11%
Na 588.995	156046.9	20.00 mg/L	0.634	20.00 mg/L	0.634	3.17%
Na 589.592*†	133166.4	19.92 mg/L	0.251	19.92 mg/L	0.251	1.26%
Li 610.362*†	-12083.8	-0.0527 mg/L	0.00377	-0.0527 mg/L	0.00377	7.15%
K 766.490*	47267.2	20.39 mg/L	0.074	20.39 mg/L	0.074	0.37%

Sequence No.: 15
Sample ID: ics a
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 7/25/06 12:48:50 PM

Sample Prep Volume:
Data Type: Original

Mean Data: ics a

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	167287.3	4.976	mg/L	0.0006				0.01%
Ho 339.898	36232.1	4.674	mg/L	0.0144				0.31%
Ho 345.600	63502.8	4.787	mg/L	0.0109				0.23%
Ho 347.426	23668.0	4.671	mg/L	0.0013				0.03%
Tb 350.917	24534.6	4.884	mg/L	0.0018				0.04%
Y 371.029	464252.5	4.812	mg/L	0.0372				0.77%
Tb 384.873	22838.9	4.688	mg/L	0.0204				0.44%
S 180.669	255.4	2.16	mg/L	0.011	2.16	mg/L	0.011	0.52%
S 181.975*†	-14.8	-0.145	mg/L	0.0452	-0.145	mg/L	0.0452	31.15%
S 182.563	7.7	0.148	mg/L	0.0486	0.148	mg/L	0.0486	32.94%
As 188.979†	-11.5	-0.0105	mg/L	0.00499	-0.0105	mg/L	0.00499	47.40%
Sn 189.927*†	-28.1	-0.0286	mg/L	0.00240	-0.0286	mg/L	0.00240	8.41%
Bi 190.171	18.8	0.045	mg/L	0.0092	0.045	mg/L	0.0092	20.30%
Tl 190.801*†	30.3	0.0300	mg/L	0.00269	0.0300	mg/L	0.00269	8.98%
Tl	22.2	0.0276	mg/L	0.00284	0.0276	mg/L	0.00284	10.30%
As 193.696*†	-19.9	-0.0175	mg/L	0.00507	-0.0175	mg/L	0.00507	28.97%
Se 196.026*†	-1.9	-0.0017	mg/L	0.00732	-0.0017	mg/L	0.00732	429.09%
Mo 202.031*†	-44.6	-0.0084	mg/L	0.00176	-0.0084	mg/L	0.00176	21.10%
Zn 202.548	-47.7	-0.0027	mg/L	0.00193	-0.0027	mg/L	0.00193	72.32%
Mo 203.845	0.2	0.0000	mg/L	0.00064	0.0000	mg/L	0.00064	>999.9%
Se 203.985	-29.3	-0.0287	mg/L	0.00404	-0.0287	mg/L	0.00404	14.09%
Zn 206.200*†	180.9	0.0121	mg/L	0.00121	0.0121	mg/L	0.00121	9.97%
Sb 206.836	-20.6	-0.0196	mg/L	0.00319	-0.0196	mg/L	0.00319	16.29%
Sb	-14.9	0.0352	mg/L	0.00243	0.0352	mg/L	0.00243	6.91%
P 213.617*†	-24.5	-0.0119	mg/L	0.00204	-0.0119	mg/L	0.00204	17.12%
Zn 213.857*†	1291.8	0.0327	mg/L	0.00145	0.0327	mg/L	0.00145	4.42%
P 214.914	74.2	0.0411	mg/L	0.00633	0.0411	mg/L	0.00633	15.41%
Pb 217.000	121.8	0.2557	mg/L	0.00470	0.2557	mg/L	0.00470	1.84%
Sb 217.582*†	25.6	0.0092	mg/L	0.00251	0.0092	mg/L	0.00251	27.14%
Pb 220.353*†	16.2	0.0030	mg/L	0.00195	0.0030	mg/L	0.00195	64.58%
Bi 223.061*†	29.7	0.009	mg/L	0.0003	0.009	mg/L	0.0003	3.24%
Cd 226.502*†	161.5	0.0019	mg/L	0.00006	0.0019	mg/L	0.00006	3.14%
Co 228.616*†	104.4	0.0049	mg/L	0.00045	0.0049	mg/L	0.00045	9.27%
Cd 228.802	-34.7	-0.0012	mg/L	0.00007	-0.0012	mg/L	0.00007	5.49%
Co 230.786	33.5	0.0020	mg/L	0.00028	0.0020	mg/L	0.00028	13.66%
Ni 231.604*†	28.1	0.0013	mg/L	0.00013	0.0013	mg/L	0.00013	10.19%
Ni 232.003	-8.2	-0.0008	mg/L	0.00119	-0.0008	mg/L	0.00119	140.30%
Ba 233.527*†	-3.4	0.0000	mg/L	0.00009	0.0000	mg/L	0.00009	226.42%
Fe 239.562	304959.5	99.04	mg/L	1.020	99.04	mg/L	1.020	1.03%
Sn 242.170	188.3	0.0577	mg/L	0.00253	0.0577	mg/L	0.00253	4.38%
B 249.677*†	-36.2	-0.0296	mg/L	0.00283	-0.0296	mg/L	0.00283	9.53%
B 249.772	15730.2	1.454	mg/L	0.0002	1.454	mg/L	0.0002	0.02%
Si 251.611*†	3110.0	0.3708	mg/L	0.11801	0.3708	mg/L	0.11801	31.83%
Mn 257.610*†	-665.6	-0.0124	mg/L	0.00002	-0.0124	mg/L	0.00002	0.12%
Mn 259.372	22990.9	0.1257	mg/L	0.00041	0.1257	mg/L	0.00041	0.33%
Fe 259.939	594619.7	99.83	mg/L	0.938	99.83	mg/L	0.938	0.94%
Cr 267.716*†	448.7	0.0094	mg/L	0.00013	0.0094	mg/L	0.00013	1.35%
Fe 273.955*†	972273.4	97.13	mg/L	0.401	97.13	mg/L	0.401	0.41%
Mg 279.077*†	265585.4	60.17	mg/L	0.135	60.17	mg/L	0.135	0.22%
Mg 280.271	5876776.8	57.04	mg/L	0.003	57.04	mg/L	0.003	0.00%
Si 288.158	-874.0	-0.1976	mg/L	0.13402	-0.1976	mg/L	0.13402	67.82%
V 292.402*†	-378.8	-0.0142	mg/L	0.00071	-0.0142	mg/L	0.00071	5.02%
Al 308.215*†	273019.3	23.73	mg/L	0.165	23.73	mg/L	0.165	0.70%
V 310.230	884.4	0.0134	mg/L	0.00278	0.0134	mg/L	0.00278	20.67%
Be 313.042*†	-159.8	-0.0001	mg/L	0.00000	-0.0001	mg/L	0.00000	3.48%
Be 313.107	-498.9	-0.0002	mg/L	0.00003	-0.0002	mg/L	0.00003	11.35%
Ca 317.933*†	678437.2	119.3	mg/L	1.42	119.3	mg/L	1.42	1.19%
Cu 324.752*†	80.5	0.0007	mg/L	0.00025	0.0007	mg/L	0.00025	36.57%
Cu 327.393	53.1	0.0009	mg/L	0.00059	0.0009	mg/L	0.00059	68.51%
Ag 328.068*†	120.1	-0.0015	mg/L	0.00020	-0.0015	mg/L	0.00020	13.66%

Ti 334.940	-684.9	-0.0024 mg/L	0.00019	-0.0024 mg/L	0.00019	7.72%
Ti 336.121*†	-411.1	-0.0012 mg/L	0.00005	-0.0012 mg/L	0.00005	3.97%
Ag 338.289	-44.1	-0.0006 mg/L	0.00055	-0.0006 mg/L	0.00055	97.96%
Tl 351.924	271.4	0.0726 mg/L	0.01352	0.0726 mg/L	0.01352	18.61%
Cr 357.869	-97.9	0.0052 mg/L	0.00032	0.0052 mg/L	0.00032	6.15%
Al 396.153	2014326.0	23.54 mg/L	0.065	23.54 mg/L	0.065	0.28%
Sr 407.771*†	2033.8	0.0008 mg/L	0.00001	0.0008 mg/L	0.00001	0.87%
Sr 421.552	820.7	0.0007 mg/L	0.00000	0.0007 mg/L	0.00000	0.08%
Ca 422.673	1543127.5	125.4 mg/L	0.11	125.4 mg/L	0.11	0.09%
Ba 455.403	-36.5	-0.0005 mg/L	0.00025	-0.0005 mg/L	0.00025	55.16%
Li 460.286	4640.4	0.6677 mg/L	0.03084	0.6677 mg/L	0.03084	4.62%
Sr 460.733	349.3	0.0026 mg/L	0.00003	0.0026 mg/L	0.00003	1.11%
Na 588.995	157000.7	20.12 mg/L	0.357	20.12 mg/L	0.357	1.77%
Na 589.592*†	136324.6	20.40 mg/L	0.170	20.40 mg/L	0.170	0.83%
Li 610.362*†	-13220.7	-0.0577 mg/L	0.00054	-0.0577 mg/L	0.00054	0.93%
K 766.490*	0.7	0.0003 mg/L	0.01909	0.0003 mg/L	0.01909	>999.9%

Sequence No.: 1
Sample ID: Calib Blank 1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 7/25/06 2:35:38 PM

Sample Prep Volume:
Data Type: Original

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 324.227	165968.4	1464.16	0.88%	5.000	mg/L
Ho 339.898	37918.2	320.61	0.85%	5.000	mg/L
Ho 345.600	65350.8	425.10	0.65%	5.000	mg/L
Ho 347.426	24530.1	105.80	0.43%	5.000	mg/L
Tb 350.917	25220.7	199.72	0.79%	5.000	mg/L
Y 371.029	470624.6	4132.78	0.88%	5.000	mg/L
Tb 384.873	23507.8	220.76	0.94%	5.000	mg/L
As 188.979†	-10.9	0.37	3.43%	[0.00]	mg/L
Sn 189.927*†	26.4	1.71	6.47%	[0.00]	mg/L
Tl 190.801*†	-0.3	3.42	>999.9%	[0.00]	mg/L
Tl	-19.7	0.79	3.98%	[0.00]	mg/L
As 193.696*†	-6.8	0.65	9.51%	[0.00]	mg/L
Se 196.026*†	-9.8	5.09	51.87%	[0.00]	mg/L
Mo 202.031*†	-114.3	1.10	0.96%	[0.00]	mg/L
Zn 202.548	388.9	23.69	6.09%	[0.00]	mg/L
Mo 203.845	-54.8	4.87	8.90%	[0.00]	mg/L
Se 203.985	-85.6	0.11	0.13%	[0.00]	mg/L
Zn 206.200*†	395.8	11.48	2.90%	[0.00]	mg/L
Sb 206.836	29.2	2.15	7.37%	[0.00]	mg/L
Sb	19.5	1.05	5.40%	[0.00]	mg/L
P 213.617*†	-61.1	3.89	6.36%	[0.00]	mg/L
Zn 213.857*†	683.0	40.14	5.88%	[0.00]	mg/L
P 214.914	-160.8	3.25	2.02%	[0.00]	mg/L
Pb 217.000	87.0	2.45	2.82%	[0.00]	mg/L
Sb 217.582*†	-89.6	1.76	1.96%	[0.00]	mg/L
Pb 220.353*†	75.2	3.92	5.22%	[0.00]	mg/L
Cd 226.502*†	-76.2	9.55	12.53%	[0.00]	mg/L
Co 228.616*†	181.7	4.39	2.42%	[0.00]	mg/L
Cd 228.802	-22.7	3.76	16.54%	[0.00]	mg/L
Co 230.786	79.8	0.44	0.55%	[0.00]	mg/L
Ni 231.604*†	161.4	5.45	3.38%	[0.00]	mg/L
Ni 232.003	90.6	2.02	2.23%	[0.00]	mg/L
Ba 233.527*†	-82.8	6.72	8.11%	[0.00]	mg/L
Fe 239.562	2224.0	4.74	0.21%	[0.00]	mg/L
Sn 242.170	622.1	18.62	2.99%	[0.00]	mg/L
B 249.677*†	813.7	22.72	2.79%	[0.00]	mg/L
B 249.772	-423.6	21.20	5.01%	[0.00]	mg/L
Si 251.611*†	141150.3	2972.34	2.11%	[0.00]	mg/L
Mn 257.610*†	-1116.5	13.16	1.18%	[0.00]	mg/L
Mn 259.372	572.5	15.32	2.68%	[0.00]	mg/L
Fe 259.939	4254.7	25.57	0.60%	[0.00]	mg/L
Cr 267.716*†	1492.1	11.04	0.74%	[0.00]	mg/L
Fe 273.955*†	7411.6	100.88	1.36%	[0.00]	mg/L
Mg 279.077*†	396.8	7.47	1.88%	[0.00]	mg/L
Mg 280.271	14186.8	2.36	0.02%	[0.00]	mg/L
Si 288.158	64580.1	802.48	1.24%	[0.00]	mg/L
V 292.402*†	-784.5	11.09	1.41%	[0.00]	mg/L
Al 308.215*†	9543.4	95.64	1.00%	[0.00]	mg/L
V 310.230	30151.6	2.18	0.01%	[0.00]	mg/L
Be 313.042*†	1546.3	8.20	0.53%	[0.00]	mg/L
Be 313.107	-7014.4	20.53	0.29%	[0.00]	mg/L
Ca 317.933*†	-1353.7	20.64	1.52%	[0.00]	mg/L
Cu 324.752*†	5863.4	38.61	0.66%	[0.00]	mg/L
Cu 327.393	-1903.2	2.53	0.13%	[0.00]	mg/L
Ag 328.068*†	156.3	0.54	0.35%	[0.00]	mg/L
Ti 334.940	5483.5	42.17	0.77%	[0.00]	mg/L
Ti 336.121*†	-985.3	11.02	1.12%	[0.00]	mg/L
Ag 338.289	-967.6	0.47	0.05%	[0.00]	mg/L
Tl 351.924	540.2	28.45	5.27%	[0.00]	mg/L
Cr 357.869	481.8	16.64	3.45%	[0.00]	mg/L

Al 396.153	42625.5	145.73	0.34%	[0.00] mg/L
Sr 407.771*†	425.8	22.88	5.37%	[0.00] mg/L
Sr 421.552	414.1	8.28	2.00%	[0.00] mg/L
Ca 422.673	1989.9	14.39	0.72%	[0.00] mg/L
Ba 455.403	354.9	55.62	15.67%	[0.00] mg/L
Li 460.286	-1241.8	113.16	9.11%	[0.00] mg/L
Sr 460.733	-3344.5	15.08	0.45%	[0.00] mg/L
Na 588.995	-11846.8	351.31	2.97%	[0.00] mg/L
Na 589.592*†	8940.8	158.44	1.77%	[0.00] mg/L
Li 610.362*†	-46700.6	507.97	1.09%	[0.00] mg/L
K 766.490*	358.9	3.00	0.84%	[0.00] mg/L

Sequence No.: 2
Sample ID: Calib Std #3
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 7/25/06 2:41:08 PM

Sample Prep Volume:
Data Type: Original

Mean Data: Calib Std #3

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 324.227	165188.4	2042.10	1.24%	4.977	mg/L
Ho 339.898	36255.6	528.14	1.46%	4.781	mg/L
Ho 345.600	63266.8	841.09	1.33%	4.841	mg/L
Ho 347.426	23798.9	279.26	1.17%	4.851	mg/L
Tb 350.917	25115.0	282.28	1.12%	4.979	mg/L
Y 371.029	469492.1	6011.96	1.28%	4.988	mg/L
Tb 384.873	22541.1	289.80	1.29%	4.794	mg/L
As 188.979†	8203.7	38.91	0.47%	[7.50]	mg/L
Sn 189.927*†	5852.9	45.94	0.78%	[6.0]	mg/L
Tl 190.801*†	3106.5	65.26	2.10%	[3.0]	mg/L
Tl	2455.4	22.89	0.93%	[3.0]	mg/L
As 193.696*†	8524.5	33.36	0.39%	[7.50]	mg/L
Se 196.026*†	3258.4	30.31	0.93%	[3.0]	mg/L
Mo 202.031*†	4655.4	20.12	0.43%	[1.20]	mg/L
Zn 202.548	87242.1	263.49	0.30%	[5.0]	mg/L
Mo 203.845	5206.7	45.89	0.88%	[1.20]	mg/L
Se 203.985	3082.9	28.69	0.93%	[3.0]	mg/L
Zn 206.200*†	64980.8	465.67	0.72%	[5.0]	mg/L
Sb 206.836	9707.4	60.65	0.62%	[9.0]	mg/L
Sb	7462.1	47.40	0.64%	[9.0]	mg/L
P 213.617*†	21160.0	160.49	0.76%	[12.0]	mg/L
Zn 213.857*†	191769.5	1062.19	0.55%	[5.0]	mg/L
P 214.914	22543.7	130.77	0.58%	[12.0]	mg/L
Pb 217.000	6211.8	31.23	0.50%	[7.50]	mg/L
Sb 217.582*†	24916.1	150.71	0.60%	[9.0]	mg/L
Pb 220.353*†	39013.1	141.25	0.36%	[7.50]	mg/L
Cd 226.502*†	128414.4	615.33	0.48%	[1.50]	mg/L
Co 228.616*†	76401.5	174.61	0.23%	[3.75]	mg/L
Cd 228.802	41322.4	354.73	0.86%	[1.50]	mg/L
Co 230.786	60809.9	491.49	0.81%	[3.75]	mg/L
Ni 231.604*†	25604.2	130.40	0.51%	[1.20]	mg/L
Ni 232.003	11600.5	68.81	0.59%	[1.20]	mg/L
Ba 233.527*†	1206018.0	7917.69	0.66%	[15.0]	mg/L
Fe 239.562	21375.5	65.89	0.31%	[7.50]	mg/L
Sn 242.170	19992.4	75.12	0.38%	[6.0]	mg/L
B 249.677*†	149338.8	477.19	0.32%	[7.50]	mg/L
B 249.772	92658.6	812.96	0.88%	[7.50]	mg/L
Si 251.611*†	117476.3	2191.71	1.87%	[12.0]	mg/L
Mn 257.610*†	286448.8	739.02	0.26%	[1.50]	mg/L
Mn 259.372	254012.9	1046.52	0.41%	[1.50]	mg/L
Fe 259.939	44838.0	285.62	0.64%	[7.50]	mg/L
Cr 267.716*†	85707.8	237.19	0.28%	[1.20]	mg/L
Fe 273.955*†	71306.3	145.88	0.20%	[7.50]	mg/L
Mg 279.077*†	67795.8	354.38	0.52%	[15.0]	mg/L
Mg 280.271	1587661.1	13413.46	0.84%	[15.0]	mg/L
Si 288.158	49552.0	396.44	0.80%	[12.0]	mg/L
V 292.402*†	73403.0	287.72	0.39%	[3.75]	mg/L
Al 308.215*†	304552.8	8.27	0.00%	[27.0]	mg/L
V 310.230	241328.0	2540.27	1.05%	[3.75]	mg/L
Be 313.042*†	1830207.3	13148.58	0.72%	[1.125]	mg/L
Be 313.107	2299643.5	8880.90	0.39%	[1.125]	mg/L
Ca 317.933*†	317907.7	2237.78	0.70%	[60.0]	mg/L
Cu 324.752*†	211311.9	180.50	0.09%	[1.875]	mg/L
Cu 327.393	109790.2	1126.33	1.03%	[1.875]	mg/L
Ag 328.068*†	123317.8	220.54	0.18%	[0.75]	mg/L
Ti 334.940	314421.6	1276.14	0.41%	[1.20]	mg/L
Ti 336.121*†	397030.6	511.65	0.13%	[1.20]	mg/L
Ag 338.289	59401.8	602.48	1.01%	[0.75]	mg/L
Tl 351.924	11491.5	108.96	0.95%	[3.0]	mg/L
Cr 357.869	54125.9	656.58	1.21%	[1.20]	mg/L

Al 396.153	2295678.7	11252.19	0.49%	[27.0] mg/L
Sr 407.771*†	789867.2	14996.89	1.90%	[0.60] mg/L
Sr 421.552	320773.1	3431.18	1.07%	[0.60] mg/L
Ca 422.673	763034.0	7132.24	0.93%	[60.0] mg/L
Ba 455.403	1841459.8	25171.78	1.37%	[15.0] mg/L
Li 460.286	42478.7	412.32	0.97%	[6.0] mg/L
Sr 460.733	177726.3	813.64	0.46%	[0.60] mg/L
Na 588.995	514998.8	4918.19	0.95%	[72.0] mg/L
Na 589.592*†	446087.4	8641.41	1.94%	[72.0] mg/L
Li 610.362*†	1379802.0	11249.90	0.82%	[6.0] mg/L
K 766.490*	125996.6	570.87	0.45%	[54.0] mg/L

Sequence No.: 3
Sample ID: CCV-1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 7/25/06 2:44:47 PM

Sample Prep Volume:
Data Type: Original

Mean Data: CCV-1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	165959.1	5.000	mg/L	0.0077				0.15%
Ho 339.898	36968.6	4.875	mg/L	0.0155				0.32%
Ho 345.600	63925.1	4.891	mg/L	0.0069				0.14%
Ho 347.426	24075.8	4.907	mg/L	0.0218				0.45%
Tb 350.917	25166.8	4.989	mg/L	0.0140				0.28%
Y 371.029	467600.6	4.968	mg/L	0.0087				0.18%
Tb 384.873	23060.3	4.905	mg/L	0.0072				0.15%
As 188.979†	4096.5	3.745	mg/L	0.0074	3.745	mg/L	0.0074	0.20%
QC value within limits for As 188.979 Recovery = 99.87%								
Sn 189.927*†	2957.6	3.032	mg/L	0.0047	3.032	mg/L	0.0047	0.16%
QC value within limits for Sn 189.927* Recovery = 101.06%								
Tl 190.801*†	1568.4	1.515	mg/L	0.0259	1.515	mg/L	0.0259	1.71%
QC value within limits for Tl 190.801* Recovery = 100.98%								
Tl	1237.9	1.513	mg/L	0.0329	1.513	mg/L	0.0329	2.17%
As 193.696*†	4274.7	3.761	mg/L	0.0122	3.761	mg/L	0.0122	0.32%
QC value within limits for As 193.696* Recovery = 100.29%								
Se 196.026*†	1620.5	1.492	mg/L	0.0000	1.492	mg/L	0.0000	0.00%
QC value within limits for Se 196.026* Recovery = 99.46%								
Mo 202.031*†	2353.1	0.6073	mg/L	0.00164	0.6073	mg/L	0.00164	0.27%
QC value within limits for Mo 202.031* Recovery = 101.22%								
Zn 202.548	44622.1	2.557	mg/L	0.0041	2.557	mg/L	0.0041	0.16%
Mo 203.845	2631.4	0.6065	mg/L	0.00197	0.6065	mg/L	0.00197	0.32%
Se 203.985	1523.7	1.483	mg/L	0.0074	1.483	mg/L	0.0074	0.50%
Zn 206.200*†	33025.3	2.542	mg/L	0.0073	2.542	mg/L	0.0073	0.29%
QC value within limits for Zn 206.200* Recovery = 101.69%								
Sb 206.836	4868.0	4.513	mg/L	0.0115	4.513	mg/L	0.0115	0.25%
Sb	3742.2	4.552	mg/L	0.0076	4.552	mg/L	0.0076	0.17%
P 213.617*†	10567.2	6.003	mg/L	0.0139	6.003	mg/L	0.0139	0.23%
QC value within limits for P 213.617* Recovery = 100.06%								
Zn 213.857*†	96291.8	2.512	mg/L	0.0006	2.512	mg/L	0.0006	0.02%
QC value within limits for Zn 213.857* Recovery = 100.46%								
P 214.914	11226.8	5.976	mg/L	0.0362	5.976	mg/L	0.0362	0.61%
Pb 217.000	3094.4	3.732	mg/L	0.0315	3.732	mg/L	0.0315	0.84%
Sb 217.582*†	12368.8	4.468	mg/L	0.0071	4.468	mg/L	0.0071	0.16%
QC value within limits for Sb 217.582* Recovery = 99.28%								
Pb 220.353*†	20242.9	3.892	mg/L	0.0078	3.892	mg/L	0.0078	0.20%
QC value within limits for Pb 220.353* Recovery = 103.77%								
Cd 226.502*†	64465.0	0.7530	mg/L	0.00208	0.7530	mg/L	0.00208	0.28%
QC value within limits for Cd 226.502* Recovery = 100.40%								
Co 228.616*†	38468.5	1.888	mg/L	0.0072	1.888	mg/L	0.0072	0.38%
QC value within limits for Co 228.616* Recovery = 100.70%								
Cd 228.802	21358.0	0.7753	mg/L	0.00307	0.7753	mg/L	0.00307	0.40%
Co 230.786	30735.1	1.895	mg/L	0.0023	1.895	mg/L	0.0023	0.12%
Ni 231.604*†	13298.7	0.6233	mg/L	0.00087	0.6233	mg/L	0.00087	0.14%
QC value within limits for Ni 231.604* Recovery = 103.88%								
Ni 232.003	5809.8	0.6010	mg/L	0.00312	0.6010	mg/L	0.00312	0.52%
Ba 233.527*†	618898.1	7.698	mg/L	0.0236	7.698	mg/L	0.0236	0.31%
QC value within limits for Ba 233.527* Recovery = 102.63%								
Fe 239.562	10702.5	3.755	mg/L	0.0760	3.755	mg/L	0.0760	2.02%
Sn 242.170	10052.0	3.017	mg/L	0.0202	3.017	mg/L	0.0202	0.67%
B 249.677*†	74538.3	3.742	mg/L	0.0019	3.742	mg/L	0.0019	0.05%
QC value within limits for B 249.677* Recovery = 99.78%								
B 249.772	46466.0	3.770	mg/L	0.0118	3.770	mg/L	0.0118	0.31%
Si 251.611*†	52348.7	5.350	mg/L	0.0896	5.350	mg/L	0.0896	1.67%
QC value less than the lower limit for Si 251.611* Recovery = 89.17%								
Mn 257.610*†	142754.6	0.7455	mg/L	0.00169	0.7455	mg/L	0.00169	0.23%
QC value within limits for Mn 257.610* Recovery = 99.40%								
Mn 259.372	129135.0	0.7626	mg/L	0.00042	0.7626	mg/L	0.00042	0.06%
Fe 259.939	22522.5	3.767	mg/L	0.0725	3.767	mg/L	0.0725	1.93%
Cr 267.716*†	43051.6	0.6038	mg/L	0.00226	0.6038	mg/L	0.00226	0.37%

QC value within limits for Cr 267.716* Recovery = 100.63%

Fe 273.955*†	35220.4	3.709 mg/L	0.0163	3.709 mg/L	0.0163	0.44%

QC value within limits for Fe 273.955* Recovery = 98.92%

Mg 279.077*†	33974.8	7.517 mg/L	0.0239	7.517 mg/L	0.0239	0.32%

QC value within limits for Mg 279.077* Recovery = 100.23%

Mg 280.271	799072.4	7.550 mg/L	0.0150	7.550 mg/L	0.0150	0.20%
Si 288.158	22357.0	5.414 mg/L	0.1846	5.414 mg/L	0.1846	3.41%
V 292.402*†	36775.6	1.879 mg/L	0.0088	1.879 mg/L	0.0088	0.47%

QC value within limits for V 292.402* Recovery = 100.21%

Al 308.215*†	147732.9	13.09 mg/L	0.017	13.09 mg/L	0.017	0.13%

QC value within limits for Al 308.215* Recovery = 96.97%

V 310.230	119592.4	1.858 mg/L	0.0016	1.858 mg/L	0.0016	0.09%
Be 313.042*†	927503.9	0.5701 mg/L	0.00167	0.5701 mg/L	0.00167	0.29%

QC value within limits for Be 313.042* Recovery = 101.36%

Be 313.107	1165265.0	0.5701 mg/L	0.00022	0.5701 mg/L	0.00022	0.04%
Ca 317.933*†	161839.0	30.54 mg/L	0.533	30.54 mg/L	0.533	1.74%

QC value within limits for Ca 317.933* Recovery = 101.82%

Cu 324.752*†	103967.3	0.9237 mg/L	0.00029	0.9237 mg/L	0.00029	0.03%

QC value within limits for Cu 324.752* Recovery = 98.53%

Cu 327.393	54502.7	0.9319 mg/L	0.00247	0.9319 mg/L	0.00247	0.27%
Ag 328.068*†	60747.0	0.3691 mg/L	0.00048	0.3691 mg/L	0.00048	0.13%

QC value within limits for Ag 328.068* Recovery = 98.44%

Ti 334.940	158594.7	0.6053 mg/L	0.00000	0.6053 mg/L	0.00000	0.00%
Ti 336.121*†	196645.7	0.5943 mg/L	0.00160	0.5943 mg/L	0.00160	0.27%

QC value within limits for Ti 336.121* Recovery = 99.06%

Ag 338.289	29451.0	0.3718 mg/L	0.00046	0.3718 mg/L	0.00046	0.12%
Tl 351.924	5929.9	1.548 mg/L	0.0334	1.548 mg/L	0.0334	2.16%
Cr 357.869	25927.2	0.5762 mg/L	0.00077	0.5762 mg/L	0.00077	0.13%
Al 396.153	1131983.4	13.31 mg/L	0.038	13.31 mg/L	0.038	0.29%
Sr 407.771*†	402248.0	0.3054 mg/L	0.00001	0.3054 mg/L	0.00001	0.00%

QC value within limits for Sr 407.771* Recovery = 101.81%

Sr 421.552	162595.4	0.3040 mg/L	0.00150	0.3040 mg/L	0.00150	0.49%
Ca 422.673	385924.6	30.35 mg/L	0.169	30.35 mg/L	0.169	0.56%
Ba 455.403	931865.1	7.591 mg/L	0.0049	7.591 mg/L	0.0049	0.07%
Li 460.286	20913.2	2.954 mg/L	0.0127	2.954 mg/L	0.0127	0.43%
Sr 460.733	80735.0	0.2730 mg/L	0.00128	0.2730 mg/L	0.00128	0.47%
Na 588.995	259240.0	36.24 mg/L	0.214	36.24 mg/L	0.214	0.59%
Na 589.592*†	226231.5	36.51 mg/L	0.009	36.51 mg/L	0.009	0.02%

QC value within limits for Na 589.592* Recovery = 101.43%

Li 610.362*†	642415.6	2.794 mg/L	0.0002	2.794 mg/L	0.0002	0.01%

QC value within limits for Li 610.362* Recovery = 93.12%

K 766.490*	64000.7	27.43 mg/L	0.401	27.43 mg/L	0.401	1.46%

QC value within limits for K 766.490* Recovery = 101.59%

QC Failed. Continue with analysis.

Sequence No.: 4
Sample ID: CCB-1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/25/06 2:48:11 PM

Sample Prep Volume:
Data Type: Original

Mean Data: CCB-1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	165822.5	4.996	mg/L	0.0024				0.05%
Ho 339.898	37858.4	4.992	mg/L	0.0357				0.71%
Ho 345.600	65348.4	5.000	mg/L	0.0386				0.77%
Ho 347.426	24550.2	5.004	mg/L	0.0377				0.75%
Tb 350.917	25224.4	5.001	mg/L	0.0393				0.79%
Y 371.029	469908.0	4.992	mg/L	0.0018				0.04%
Tb 384.873	23497.3	4.998	mg/L	0.0296				0.59%
As 188.979†	-0.6	-0.0006	mg/L	0.00257	-0.0006	mg/L	0.00257	453.03%
Sn 189.927*†	10.5	0.0107	mg/L	0.00262	0.0107	mg/L	0.00262	24.43%
Tl 190.801*†	41.6	0.0402	mg/L	0.00265	0.0402	mg/L	0.00265	6.59%
Tl	33.9	0.0414	mg/L	0.00333	0.0414	mg/L	0.00333	8.04%
As 193.696*†	4.1	0.0036	mg/L	0.00057	0.0036	mg/L	0.00057	15.84%
Se 196.026*†	2.1	0.0019	mg/L	0.00469	0.0019	mg/L	0.00469	241.68%
Mo 202.031*†	1.8	0.0005	mg/L	0.00040	0.0005	mg/L	0.00040	87.13%
Zn 202.548	774.5	0.0444	mg/L	0.00585	0.0444	mg/L	0.00585	13.18%
Mo 203.845	2.9	0.0007	mg/L	0.00066	0.0007	mg/L	0.00066	100.10%
Se 203.985	-0.7	-0.0007	mg/L	0.00019	-0.0007	mg/L	0.00019	25.95%
Zn 206.200*†	572.7	0.0441	mg/L	0.00519	0.0441	mg/L	0.00519	11.77%
Sb 206.836	1.6	0.0014	mg/L	0.00161	0.0014	mg/L	0.00161	111.53%
Sb	0.3	0.0004	mg/L	0.00101	0.0004	mg/L	0.00101	261.83%
P 213.617*†	-0.1	0.0000	mg/L	0.00296	0.0000	mg/L	0.00296	>999.9%
Zn 213.857*†	1720.5	0.0449	mg/L	0.00551	0.0449	mg/L	0.00551	12.29%
P 214.914	-15.0	-0.0080	mg/L	0.00095	-0.0080	mg/L	0.00095	11.88%
Pb 217.000	14.9	0.0179	mg/L	0.00306	0.0179	mg/L	0.00306	17.05%
Sb 217.582*†	1.0	0.0004	mg/L	0.00056	0.0004	mg/L	0.00056	153.44%
Pb 220.353*†	65.3	0.0126	mg/L	0.00204	0.0126	mg/L	0.00204	16.25%
Cd 226.502*†	43.2	0.0005	mg/L	0.00036	0.0005	mg/L	0.00036	70.73%
Co 228.616*†	75.6	0.0037	mg/L	0.00031	0.0037	mg/L	0.00031	8.32%
Cd 228.802	11.0	0.0004	mg/L	0.00024	0.0004	mg/L	0.00024	59.64%
Co 230.786	66.0	0.0041	mg/L	0.00052	0.0041	mg/L	0.00052	12.75%
Ni 231.604*†	13.8	0.0006	mg/L	0.00051	0.0006	mg/L	0.00051	78.82%
Ni 232.003	5.3	0.0005	mg/L	0.00026	0.0005	mg/L	0.00026	46.64%
Ba 233.527*†	179.8	0.0022	mg/L	0.00167	0.0022	mg/L	0.00167	74.66%
Fe 239.562	-59.7	-0.0209	mg/L	0.00808	-0.0209	mg/L	0.00808	38.62%
Sn 242.170	11.7	0.0035	mg/L	0.01865	0.0035	mg/L	0.01865	531.58%
B 249.677*†	1119.1	0.0562	mg/L	0.00636	0.0562	mg/L	0.00636	11.32%
B 249.772	719.9	0.0582	mg/L	0.00794	0.0582	mg/L	0.00794	13.64%
Si 251.611*†	-2722.6	-0.2781	mg/L	0.09048	-0.2781	mg/L	0.09048	32.53%
Mn 257.610*†	58.1	0.0003	mg/L	0.00030	0.0003	mg/L	0.00030	98.61%
Mn 259.372	75.7	0.0004	mg/L	0.00031	0.0004	mg/L	0.00031	70.31%
Fe 259.939	-34.5	-0.0058	mg/L	0.00753	-0.0058	mg/L	0.00753	130.40%
Cr 267.716*†	30.3	0.0004	mg/L	0.00007	0.0004	mg/L	0.00007	15.54%
Fe 273.955*†	-143.4	-0.0151	mg/L	0.00101	-0.0151	mg/L	0.00101	6.71%
Mg 279.077*†	-1.0	-0.0002	mg/L	0.00167	-0.0002	mg/L	0.00167	724.31%
Mg 280.271	1386.9	0.0131	mg/L	0.00677	0.0131	mg/L	0.00677	51.69%
Si 288.158	-1317.7	-0.3191	mg/L	0.18893	-0.3191	mg/L	0.18893	59.21%
V 292.402*†	10.0	0.0005	mg/L	0.00094	0.0005	mg/L	0.00094	184.93%
Al 308.215*†	110.7	0.0098	mg/L	0.00386	0.0098	mg/L	0.00386	39.39%
V 310.230	120.7	0.0019	mg/L	0.00128	0.0019	mg/L	0.00128	68.37%
Be 313.042*†	653.6	0.0004	mg/L	0.00021	0.0004	mg/L	0.00021	52.22%
Be 313.107	818.1	0.0004	mg/L	0.00021	0.0004	mg/L	0.00021	52.97%
Ca 317.933*†	164.1	0.0310	mg/L	0.02042	0.0310	mg/L	0.02042	65.92%
Cu 324.752*†	931.7	0.0083	mg/L	0.00184	0.0083	mg/L	0.00184	22.22%
Cu 327.393	491.7	0.0084	mg/L	0.00251	0.0084	mg/L	0.00251	29.94%
Ag 328.068*†	52.9	0.0003	mg/L	0.00026	0.0003	mg/L	0.00026	79.92%
QC value within limits for Ag 328.068* Recovery = Not calculated								
Ti 334.940	106.8	0.0004	mg/L	0.00053	0.0004	mg/L	0.00053	129.55%
Ti 336.121*†	76.4	0.0002	mg/L	0.00023	0.0002	mg/L	0.00023	100.75%
Ag 338.289	-15.7	-0.0002	mg/L	0.00020	-0.0002	mg/L	0.00020	99.82%

Tl 351.924	127.4	0.0333 mg/L	0.00817	0.0333 mg/L	0.00817	24.54%
Cr 357.869	3.1	0.0001 mg/L	0.00048	0.0001 mg/L	0.00048	687.31%
Al 396.153	1050.3	0.0124 mg/L	0.00491	0.0124 mg/L	0.00491	39.73%
Sr 407.771*†	645.9	0.0005 mg/L	0.00025	0.0005 mg/L	0.00025	51.61%
Sr 421.552	257.1	0.0005 mg/L	0.00025	0.0005 mg/L	0.00025	52.73%
Ca 422.673	422.3	0.0332 mg/L	0.02449	0.0332 mg/L	0.02449	73.74%
Ba 455.403	1745.9	0.0142 mg/L	0.00616	0.0142 mg/L	0.00616	43.33%
Li 460.286	57.0	0.0080 mg/L	0.01019	0.0080 mg/L	0.01019	126.69%
Sr 460.733	267.3	0.0009 mg/L	0.00069	0.0009 mg/L	0.00069	75.95%
Na 588.995	2800.7	0.3916 mg/L	0.07468	0.3916 mg/L	0.07468	19.07%
Na 589.592*†	2802.9	0.4524 mg/L	0.08149	0.4524 mg/L	0.08149	18.01%
Li 610.362*†	2647.3	0.0115 mg/L	0.00439	0.0115 mg/L	0.00439	38.10%
K 766.490*	375.1	0.1607 mg/L	0.03657	0.1607 mg/L	0.03657	22.75%

All analytes passed QC.

Sequence No.: 11
Sample ID: CCV-1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 7/25/06 3:10:56 PM

Sample Prep Volume:
Data Type: Original

Mean Data: CCV-1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	166757.7	5.024	mg/L	0.0089				0.18%
Y 371.029	476170.7	5.059	mg/L	0.0095				0.19%
Tb 350.917	25240.2	5.004	mg/L	0.0091				0.18%
Tb 384.873	22882.1	4.867	mg/L	0.0112				0.23%
Ho 345.600	64043.9	4.900	mg/L	0.0152				0.31%
Ho 339.898	36960.8	4.874	mg/L	0.0021				0.04%
Ho 347.426	24019.9	4.896	mg/L	0.0175				0.36%
Al 308.215*†	149183.4	13.23	mg/L	0.013	13.23	mg/L	0.013	0.10%
QC value within limits for Al 308.215* Recovery = 97.97%								
Al 396.153	1144809.6	13.46	mg/L	0.244	13.46	mg/L	0.244	1.81%
B 249.677*†	73222.8	3.676	mg/L	0.0075	3.676	mg/L	0.0075	0.20%
B 249.772	45717.8	3.710	mg/L	0.0075	3.710	mg/L	0.0075	0.20%
Ba 233.527*†	618358.3	7.691	mg/L	0.0789	7.691	mg/L	0.0789	1.03%
QC value within limits for Ba 233.527* Recovery = 102.55%								
Ca 317.933*†	161104.1	30.41	mg/L	0.118	30.41	mg/L	0.118	0.39%
QC value within limits for Ca 317.933* Recovery = 101.35%								
Ca 422.673	379662.9	29.85	mg/L	0.135	29.85	mg/L	0.135	0.45%
Fe 239.562	10473.4	3.675	mg/L	0.0206	3.675	mg/L	0.0206	0.56%
Fe 259.939	22265.5	3.724	mg/L	0.0240	3.724	mg/L	0.0240	0.64%
Fe 273.955*†	34771.0	3.662	mg/L	0.0000	3.662	mg/L	0.0000	0.00%
QC value within limits for Fe 273.955* Recovery = 97.66%								
K 766.490*	63775.7	27.33	mg/L	0.283	27.33	mg/L	0.283	1.04%
QC value within limits for K 766.490* Recovery = 101.23%								
Mg 279.077*†	34129.3	7.551	mg/L	0.0234	7.551	mg/L	0.0234	0.31%
QC value within limits for Mg 279.077* Recovery = 100.68%								
Mg 280.271	797331.0	7.533	mg/L	0.0220	7.533	mg/L	0.0220	0.29%
Mn 257.610*†	144378.3	0.7546	mg/L	0.00067	0.7546	mg/L	0.00067	0.09%
QC value within limits for Mn 257.610* Recovery = 100.62%								
Mn 259.372	130597.5	0.7712	mg/L	0.00218	0.7712	mg/L	0.00218	0.28%
Na 588.995	259495.9	36.28	mg/L	0.028	36.28	mg/L	0.028	0.08%
Na 589.592*†	224339.6	36.21	mg/L	0.078	36.21	mg/L	0.078	0.21%
QC value within limits for Na 589.592* Recovery = 100.58%								
Si 251.611*†	49213.7	5.031	mg/L	0.0870	5.031	mg/L	0.0870	1.73%
Si 288.158	20603.1	4.989	mg/L	0.1413	4.989	mg/L	0.1413	2.83%

All analytes passed QC.

Sequence No.: 12
Sample ID: CCB-1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/25/06 3:12:56 PM

Sample Prep Volume:
Data Type: Original

Mean Data: CCB-1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	169503.5	5.107	mg/L	0.0622				1.22%
Y 371.029	480202.1	5.102	mg/L	0.0631				1.24%
Tb 350.917	25534.9	5.062	mg/L	0.0089				0.18%
Tb 384.873	23655.1	5.031	mg/L	0.0441				0.88%
Ho 345.600	65290.3	4.995	mg/L	0.0601				1.20%
Ho 339.898	38436.0	5.068	mg/L	0.0014				0.03%
Ho 347.426	25139.9	5.124	mg/L	0.0009				0.02%
Al 308.215*†	72.3	0.0064	mg/L	0.00040	0.0064	mg/L	0.00040	6.29%
Al 396.153	1246.9	0.0147	mg/L	0.00176	0.0147	mg/L	0.00176	11.98%
B 249.677*†	308.2	0.0155	mg/L	0.00000	0.0155	mg/L	0.00000	0.03%
B 249.772	211.4	0.0169	mg/L	0.00085	0.0169	mg/L	0.00085	5.04%
Ba 233.527*†	58.5	0.0007	mg/L	0.00007	0.0007	mg/L	0.00007	9.59%
Ca 317.933*†	-101.4	-0.0191	mg/L	0.00087	-0.0191	mg/L	0.00087	4.54%
Ca 422.673	-216.1	-0.0170	mg/L	0.00107	-0.0170	mg/L	0.00107	6.27%
Fe 239.562	-298.9	-0.1049	mg/L	0.00272	-0.1049	mg/L	0.00272	2.59%
Fe 259.939	-572.5	-0.0958	mg/L	0.00904	-0.0958	mg/L	0.00904	9.44%
Fe 273.955*†	-788.6	-0.0829	mg/L	0.00427	-0.0829	mg/L	0.00427	5.15%
K 766.490*	106.1	0.0455	mg/L	0.00166	0.0455	mg/L	0.00166	3.66%
Mg 279.077*†	-16.5	-0.0036	mg/L	0.00087	-0.0036	mg/L	0.00087	23.95%
Mg 280.271	25.5	0.0002	mg/L	0.00107	0.0002	mg/L	0.00107	444.42%
Mn 257.610*†	87.6	0.0005	mg/L	0.00010	0.0005	mg/L	0.00010	21.31%
QC value within limits for Mn 257.610* Recovery = Not calculated								
Mn 259.372	35.2	0.0002	mg/L	0.00008	0.0002	mg/L	0.00008	36.21%
Na 588.995	4008.5	0.5604	mg/L	0.01629	0.5604	mg/L	0.01629	2.91%
Na 589.592*†	3990.7	0.6441	mg/L	0.03182	0.6441	mg/L	0.03182	4.94%
Si 251.611*†	-8138.7	-0.8314	mg/L	0.01616	-0.8314	mg/L	0.01616	1.94%
Si 288.158	-3244.6	-0.7858	mg/L	0.00926	-0.7858	mg/L	0.00926	1.18%

Sequence No.: 14
Sample ID: 06-07-1032-t-1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 50
Date Collected: 7/25/06 3:16:51 PM

Sample Prep Volume:
Data Type: Original

Mean Data: 06-07-1032-t-1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	171379.0	5.163	mg/L	0.0288				0.56%
Y 371.029	482666.3	5.128	mg/L	0.0872				1.70%
Tb 350.917	25536.4	5.063	mg/L	0.0272				0.54%
Tb 384.873	23748.2	5.051	mg/L	0.0273				0.54%
Ho 345.600	66306.5	5.073	mg/L	0.0313				0.62%
Ho 339.898	37597.2	4.958	mg/L	0.0366				0.74%
Ho 347.426	24487.4	4.991	mg/L	0.0209				0.42%
Al 308.215*†	5603.4	0.4975	mg/L	0.00939	0.4975	mg/L	0.00939	1.89%
Al 396.153	45017.6	0.5295	mg/L	0.00601	0.5295	mg/L	0.00601	1.13%
B 249.677*†	5282.0	0.2649	mg/L	0.00023	0.2649	mg/L	0.00023	0.09%
B 249.772	3507.5	0.2870	mg/L	0.00328	0.2870	mg/L	0.00328	1.14%
Ba 233.527*†	20699.0	0.2574	mg/L	0.00050	0.2574	mg/L	0.00050	0.20%
Ca 317.933*†	740100.8	139.7	mg/L	0.57	139.7	mg/L	0.57	0.40%
Ca 422.673	1803164.9	141.8	mg/L	1.88	141.8	mg/L	1.88	1.33%
Fe 239.562	3415.6	1.198	mg/L	0.0064	1.198	mg/L	0.0064	0.53%
Fe 259.939	7138.3	1.194	mg/L	0.0046	1.194	mg/L	0.0046	0.39%
Fe 273.955*†	11071.8	1.165	mg/L	0.0195	1.165	mg/L	0.0195	1.67%
K 766.490*	12727.2	5.455	mg/L	0.0028	5.455	mg/L	0.0028	0.05%
Mg 279.077*†	113137.0	25.03	mg/L	0.028	25.03	mg/L	0.028	0.11%
Mg 280.271	2611791.7	24.68	mg/L	0.257	24.68	mg/L	0.257	1.04%
Mn 257.610*†	34141.7	0.1780	mg/L	0.00033	0.1780	mg/L	0.00033	0.18%
Mn 259.372	31424.9	0.1856	mg/L	0.00012	0.1856	mg/L	0.00012	0.06%
Na 588.995	330344.0	46.18	mg/L	0.214	46.18	mg/L	0.214	0.46%
Na 589.592*†	281755.0	45.48	mg/L	0.053	45.48	mg/L	0.053	0.12%
Si 251.611*†	95524.0	9.759	mg/L	0.0939	9.759	mg/L	0.0939	0.96%
Si 288.158	40326.6	9.766	mg/L	0.0127	9.766	mg/L	0.0127	0.13%

Sequence No.: 15
Sample ID: 06-07-1032-t-3
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 51
Date Collected: 7/25/06 3:18:49 PM

Sample Prep Volume:
Data Type: Original

Mean Data: 06-07-1032-t-3

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	169677.1	5.112	mg/L	0.0307				0.60%
Y 371.029	481473.7	5.115	mg/L	0.0277				0.54%
Tb 350.917	26184.6	5.191	mg/L	0.0054				0.10%
Tb 384.873	23819.4	5.066	mg/L	0.0351				0.69%
Ho 345.600	65455.0	5.008	mg/L	0.0394				0.79%
Ho 339.898	39393.7	5.195	mg/L	0.0169				0.32%
Ho 347.426	25789.5	5.257	mg/L	0.0016				0.03%
Al 308.215*†	-167.7	-0.0149	mg/L	0.00531	-0.0149	mg/L	0.00531	35.69%
Al 396.153	851.4	0.0100	mg/L	0.00000	0.0100	mg/L	0.00000	0.05%
B 249.677*†	-103.4	-0.0051	mg/L	0.00043	-0.0051	mg/L	0.00043	8.39%
B 249.772	-47.5	-0.0045	mg/L	0.00034	-0.0045	mg/L	0.00034	7.65%
Ba 233.527*†	28.8	0.0004	mg/L	0.00025	0.0004	mg/L	0.00025	69.26%
Ca 317.933*†	37.9	0.0071	mg/L	0.00136	0.0071	mg/L	0.00136	19.05%
Ca 422.673	74.7	0.0059	mg/L	0.00587	0.0059	mg/L	0.00587	99.98%
Fe 239.562	-635.7	-0.2230	mg/L	0.00447	-0.2230	mg/L	0.00447	2.00%
Fe 259.939	-1254.5	-0.2098	mg/L	0.00310	-0.2098	mg/L	0.00310	1.48%
Fe 273.955*†	-2221.6	-0.2337	mg/L	0.00506	-0.2337	mg/L	0.00506	2.16%
K 766.490*	-3.1	-0.0013	mg/L	0.01268	-0.0013	mg/L	0.01268	955.67%
Mg 279.077*†	-49.6	-0.0110	mg/L	0.00158	-0.0110	mg/L	0.00158	14.43%
Mg 280.271	-363.0	-0.0034	mg/L	0.00066	-0.0034	mg/L	0.00066	19.38%
Mn 257.610*†	193.2	0.0010	mg/L	0.00002	0.0010	mg/L	0.00002	1.60%
Mn 259.372	62.5	0.0004	mg/L	0.00000	0.0004	mg/L	0.00000	1.10%
Na 588.995	3992.0	0.5581	mg/L	0.01849	0.5581	mg/L	0.01849	3.31%
Na 589.592*†	3712.0	0.5991	mg/L	0.02780	0.5991	mg/L	0.02780	4.64%
Si 251.611*†	-15309.8	-1.564	mg/L	0.1499	-1.564	mg/L	0.1499	9.58%
Si 288.158	-4789.0	-1.160	mg/L	0.1693	-1.160	mg/L	0.1693	14.60%

Sequence No.: 16
Sample ID: CCV-1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 7/25/06 3:20:45 PM

Sample Prep Volume:
Data Type: Original

Mean Data: CCV-1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	170875.5	5.148	mg/L	0.0512				1.00%
Y 371.029	488684.8	5.192	mg/L	0.0545				1.05%
Tb 350.917	25810.3	5.117	mg/L	0.0468				0.92%
Tb 384.873	23621.3	5.024	mg/L	0.0512				1.02%
Ho 345.600	65795.7	5.034	mg/L	0.0612				1.21%
Ho 339.898	38075.0	5.021	mg/L	0.0724				1.44%
Ho 347.426	24715.5	5.038	mg/L	0.0759				1.51%
Al 308.215*†	147181.3	13.05	mg/L	0.014	13.05	mg/L	0.014	0.11%
QC value within limits for Al 308.215* Recovery = 96.66%								
Al 396.153	1129038.2	13.28	mg/L	0.014	13.28	mg/L	0.014	0.11%
B 249.677*†	72158.5	3.623	mg/L	0.0021	3.623	mg/L	0.0021	0.06%
B 249.772	46223.5	3.751	mg/L	0.0462	3.751	mg/L	0.0462	1.23%
Ba 233.527*†	598820.9	7.448	mg/L	0.0558	7.448	mg/L	0.0558	0.75%
QC value within limits for Ba 233.527* Recovery = 99.31%								
Ca 317.933*†	158575.6	29.93	mg/L	0.620	29.93	mg/L	0.620	2.07%
QC value within limits for Ca 317.933* Recovery = 99.76%								
Ca 422.673	386821.9	30.42	mg/L	0.113	30.42	mg/L	0.113	0.37%
Fe 239.562	10535.9	3.697	mg/L	0.0302	3.697	mg/L	0.0302	0.82%
Fe 259.939	22128.8	3.701	mg/L	0.0491	3.701	mg/L	0.0491	1.33%
Fe 273.955*†	33942.4	3.575	mg/L	0.0192	3.575	mg/L	0.0192	0.54%
QC value within limits for Fe 273.955* Recovery = 95.33%								
K 766.490*	63926.8	27.40	mg/L	0.446	27.40	mg/L	0.446	1.63%
QC value within limits for K 766.490* Recovery = 101.47%								
Mg 279.077*†	33398.7	7.390	mg/L	0.0507	7.390	mg/L	0.0507	0.69%
QC value within limits for Mg 279.077* Recovery = 98.53%								
Mg 280.271	805556.2	7.611	mg/L	0.0267	7.611	mg/L	0.0267	0.35%
Mn 257.610*†	141907.8	0.7417	mg/L	0.00167	0.7417	mg/L	0.00167	0.23%
QC value within limits for Mn 257.610* Recovery = 98.89%								
Mn 259.372	131927.2	0.7791	mg/L	0.00739	0.7791	mg/L	0.00739	0.95%
Na 588.995	260845.7	36.47	mg/L	0.137	36.47	mg/L	0.137	0.37%
Na 589.592*†	220013.4	35.51	mg/L	0.326	35.51	mg/L	0.326	0.92%
QC value within limits for Na 589.592* Recovery = 98.64%								
Si 251.611*†	44647.2	4.564	mg/L	0.2342	4.564	mg/L	0.2342	5.13%
Si 288.158	20582.0	4.984	mg/L	0.0207	4.984	mg/L	0.0207	0.42%

All analytes passed QC.

Sequence No.: 17
Sample ID: CCB-1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/25/06 3:22:45 PM

Sample Prep Volume:
Data Type: Original

Mean Data: CCB-1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	170785.9	5.145	mg/L	0.0124				0.24%
Y 371.029	491224.1	5.219	mg/L	0.0066				0.13%
Tb 350.917	25759.3	5.107	mg/L	0.0925				1.81%
Tb 384.873	23815.6	5.065	mg/L	0.0032				0.06%
Ho 345.600	65647.4	5.023	mg/L	0.0046				0.09%
Ho 339.898	38731.4	5.107	mg/L	0.0820				1.61%
Ho 347.426	25430.3	5.183	mg/L	0.0835				1.61%
Al 308.215*†	-7.4	-0.0007	mg/L	0.01353	-0.0007	mg/L	0.01353	>999.9%
Al 396.153	1027.3	0.0121	mg/L	0.00170	0.0121	mg/L	0.00170	14.06%
B 249.677*†	178.1	0.0090	mg/L	0.00061	0.0090	mg/L	0.00061	6.76%
B 249.772	102.8	0.0080	mg/L	0.00115	0.0080	mg/L	0.00115	14.33%
Ba 233.527*†	36.2	0.0005	mg/L	0.00002	0.0005	mg/L	0.00002	4.45%
Ca 317.933*†	-120.5	-0.0227	mg/L	0.00009	-0.0227	mg/L	0.00009	0.40%
Ca 422.673	-211.2	-0.0166	mg/L	0.00338	-0.0166	mg/L	0.00338	20.38%
Fe 239.562	-327.7	-0.1150	mg/L	0.00521	-0.1150	mg/L	0.00521	4.53%
Fe 259.939	-716.9	-0.1199	mg/L	0.00924	-0.1199	mg/L	0.00924	7.71%
Fe 273.955*†	-1172.4	-0.1233	mg/L	0.01928	-0.1233	mg/L	0.01928	15.63%
K 766.490*	48.0	0.0206	mg/L	0.01765	0.0206	mg/L	0.01765	85.80%
Mg 279.077*†	-39.5	-0.0087	mg/L	0.00843	-0.0087	mg/L	0.00843	96.48%
Mg 280.271	-324.0	-0.0031	mg/L	0.00084	-0.0031	mg/L	0.00084	27.32%
Mn 257.610*†	43.0	0.0002	mg/L	0.00010	0.0002	mg/L	0.00010	43.29%
QC value within limits for Mn 257.610* Recovery = Not calculated								
Mn 259.372	-11.7	-0.0001	mg/L	0.00007	-0.0001	mg/L	0.00007	103.40%
Na 588.995	3395.5	0.4747	mg/L	0.02944	0.4747	mg/L	0.02944	6.20%
Na 589.592*†	3325.8	0.5368	mg/L	0.00662	0.5368	mg/L	0.00662	1.23%
Si 251.611*†	-9225.2	-0.9424	mg/L	0.21578	-0.9424	mg/L	0.21578	22.90%
Si 288.158	-3235.4	-0.7835	mg/L	0.00156	-0.7835	mg/L	0.00156	0.20%

All analytes passed QC.

All analytes passed QC.

Sequence No.: 13
Sample ID: ics ab end
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 7/25/06 8:01:12 PM

Sample Prep Volume:
Data Type: Original

Mean Data: ics ab end

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	175344.9	5.086	mg/L	0.0256				0.50%
Ho 339.898	37694.8	4.925	mg/L	0.0164				0.33%
Ho 345.600	66387.3	5.047	mg/L	0.0176				0.35%
Ho 347.426	24585.3	4.937	mg/L	0.0280				0.57%
Tb 350.917	25832.2	5.051	mg/L	0.0097				0.19%
Y 371.029	483626.5	4.880	mg/L	0.0464				0.95%
Tb 384.873	23583.9	4.933	mg/L	0.0316				0.64%
As 188.979†	1081.8	1.018	mg/L	0.0030	1.018	mg/L	0.0030	0.29%
Tl 190.801*†	859.8	0.8851	mg/L	0.02129	0.8851	mg/L	0.02129	2.41%
Tl	687.7	0.8810	mg/L	0.01816	0.8810	mg/L	0.01816	2.06%
As 193.696*†	1157.3	1.025	mg/L	0.0033	1.025	mg/L	0.0033	0.33%
Se 196.026*†	528.0	0.4927	mg/L	0.00506	0.4927	mg/L	0.00506	1.03%
Mo 202.031*†	1120.0	0.2965	mg/L	0.00133	0.2965	mg/L	0.00133	0.45%
Zn 202.548	5438.1	0.3050	mg/L	0.00051	0.3050	mg/L	0.00051	0.17%
Mo 203.845	1312.6	0.3026	mg/L	0.00232	0.3026	mg/L	0.00232	0.77%
Se 203.985	491.3	0.4762	mg/L	0.01381	0.4762	mg/L	0.01381	2.90%
Zn 206.200*†	4256.2	0.3215	mg/L	0.00160	0.3215	mg/L	0.00160	0.50%
Sb 206.836	1062.4	0.9930	mg/L	0.00669	0.9930	mg/L	0.00669	0.67%
Sb	818.7	1.051	mg/L	0.0042	1.051	mg/L	0.0042	0.40%
Pb 217.000	925.7	1.223	mg/L	0.0101	1.223	mg/L	0.0101	0.83%
Sb 217.582*†	2670.8	0.9914	mg/L	0.00252	0.9914	mg/L	0.00252	0.25%
Pb 220.353*†	5272.6	1.015	mg/L	0.0008	1.015	mg/L	0.0008	0.08%
Cd 226.502*†	25095.7	0.2956	mg/L	0.00011	0.2956	mg/L	0.00011	0.04%
Co 228.616*†	6580.6	0.3221	mg/L	0.00005	0.3221	mg/L	0.00005	0.02%
Cd 228.802	8048.4	0.2874	mg/L	0.00042	0.2874	mg/L	0.00042	0.15%
Co 230.786	5092.0	0.3126	mg/L	0.00053	0.3126	mg/L	0.00053	0.17%
Ni 231.604*†	6842.6	0.3204	mg/L	0.00003	0.3204	mg/L	0.00003	0.01%
Ni 232.003	3041.6	0.3130	mg/L	0.00060	0.3130	mg/L	0.00060	0.19%
Ba 233.527*†	24937.2	0.3130	mg/L	0.00023	0.3130	mg/L	0.00023	0.07%
Mn 257.610*†	37551.3	0.1926	mg/L	0.00025	0.1926	mg/L	0.00025	0.13%
Mn 259.372	58310.3	0.3366	mg/L	0.00023	0.3366	mg/L	0.00023	0.07%
Cr 267.716*†	21905.3	0.3081	mg/L	0.00082	0.3081	mg/L	0.00082	0.27%
Fe 273.955*†	945128.4	98.89	mg/L	0.285	98.89	mg/L	0.285	0.29%
Mg 279.077*†	257289.7	57.35	mg/L	0.181	57.35	mg/L	0.181	0.32%
V 292.402*†	5488.8	0.2893	mg/L	0.00060	0.2893	mg/L	0.00060	0.21%
Al 308.215*†	263867.0	23.74	mg/L	0.082	23.74	mg/L	0.082	0.35%
V 310.230	18596.1	0.2865	mg/L	0.00007	0.2865	mg/L	0.00007	0.02%
Be 313.042*†	169319.1	0.1032	mg/L	0.00004	0.1032	mg/L	0.00004	0.04%
Be 313.107	215319.5	0.1031	mg/L	0.00027	0.1031	mg/L	0.00027	0.26%
Cu 324.752*†	32751.7	0.2965	mg/L	0.00017	0.2965	mg/L	0.00017	0.06%
Cu 327.393	17676.8	0.3018	mg/L	0.00034	0.3018	mg/L	0.00034	0.11%
Ag 328.068*†	49742.6	0.3066	mg/L	0.00017	0.3066	mg/L	0.00017	0.06%
Ag 338.289	24318.7	0.3067	mg/L	0.00138	0.3067	mg/L	0.00138	0.45%
Tl 351.924	3317.0	0.9253	mg/L	0.02610	0.9253	mg/L	0.02610	2.82%
Cr 357.869	13101.2	0.2968	mg/L	0.00114	0.2968	mg/L	0.00114	0.38%
Al 396.153	2055885.6	24.18	mg/L	0.094	24.18	mg/L	0.094	0.39%

Sequence No.: 1
Sample ID: Calib Blank 1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 7/26/06 9:14:17 AM

Sample Prep Volume:
Data Type: Original

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 324.227	205089.9	2349.78	1.15%	5.000	mg/L
Ho 339.898	39158.1	16.22	0.04%	5.000	mg/L
Ho 345.600	69940.9	188.64	0.27%	5.000	mg/L
Ho 347.426	25418.0	142.27	0.56%	5.000	mg/L
Tb 350.917	26410.8	188.41	0.71%	5.000	mg/L
Y 371.029	526787.0	6347.86	1.21%	5.000	mg/L
Tb 384.873	23596.8	106.73	0.45%	5.000	mg/L
S 180.669	19.8	0.36	1.82%	[0.00]	mg/L
S 181.975*†	18.2	0.95	5.21%	[0.00]	mg/L
S 182.563	1.4	2.24	161.97%	[0.00]	mg/L
As 188.979†	-9.2	3.10	33.74%	[0.00]	mg/L
Sn 189.927*†	-2.2	3.13	139.83%	[0.00]	mg/L
Bi 190.171	58.1	6.12	10.55%	[0.00]	mg/L
Tl 190.801*†	6.3	0.26	4.18%	[0.00]	mg/L
Tl	-22.5	0.03	0.12%	[0.00]	mg/L
As 193.696*†	-5.6	5.54	98.87%	[0.00]	mg/L
Se 196.026*†	-16.5	18.55	112.24%	[0.00]	mg/L
Mo 202.031*†	-219.5	2.52	1.15%	[0.00]	mg/L
Zn 202.548	-68.8	1.77	2.58%	[0.00]	mg/L
Mo 203.845	-112.2	2.74	2.44%	[0.00]	mg/L
Se 203.985	-55.2	1.20	2.17%	[0.00]	mg/L
Zn 206.200*†	98.0	7.15	7.29%	[0.00]	mg/L
Sb 206.836	0.3	3.18	921.90%	[0.00]	mg/L
Sb	-12.4	0.91	7.30%	[0.00]	mg/L
P 213.617*†	-44.0	6.57	14.95%	[0.00]	mg/L
Zn 213.857*†	-467.8	3.58	0.77%	[0.00]	mg/L
P 214.914	-68.9	11.38	16.51%	[0.00]	mg/L
Pb 217.000	154.8	2.95	1.91%	[0.00]	mg/L
Sb 217.582*†	-106.4	0.56	0.53%	[0.00]	mg/L
Pb 220.353*†	32.0	1.31	4.11%	[0.00]	mg/L
Bi 223.061*†	-323.7	6.57	2.03%	[0.00]	mg/L
Cd 226.502*†	-86.7	0.36	0.41%	[0.00]	mg/L
Co 228.616*†	130.6	6.17	4.72%	[0.00]	mg/L
Cd 228.802	-143.1	6.57	4.59%	[0.00]	mg/L
Co 230.786	34.9	4.65	13.33%	[0.00]	mg/L
Ni 231.604*†	-51.2	4.68	9.14%	[0.00]	mg/L
Ni 232.003	1.0	10.13	977.95%	[0.00]	mg/L
Ba 233.527*†	-142.8	11.65	8.16%	[0.00]	mg/L
Fe 239.562	145.3	6.23	4.29%	[0.00]	mg/L
Sn 242.170	1342.4	116.53	8.68%	[0.00]	mg/L
B 249.677*†	-448.5	8.41	1.88%	[0.00]	mg/L
B 249.772	-2107.0	3.99	0.19%	[0.00]	mg/L
Si 251.611*†	-2579.6	19.24	0.75%	[0.00]	mg/L
Mn 257.610*†	-2348.9	8.73	0.37%	[0.00]	mg/L
Mn 259.372	56.0	31.62	56.45%	[0.00]	mg/L
Fe 259.939	-366.7	16.73	4.56%	[0.00]	mg/L
Cr 267.716*†	2671.4	18.50	0.69%	[0.00]	mg/L
Fe 273.955*†	727.6	7.84	1.08%	[0.00]	mg/L
Mg 279.077*†	-217.1	21.73	10.01%	[0.00]	mg/L
Mg 280.271	4406.2	114.23	2.59%	[0.00]	mg/L
Si 288.158	-440.6	4.70	1.07%	[0.00]	mg/L
V 292.402*†	-1493.8	19.46	1.30%	[0.00]	mg/L
Al 308.215*†	4719.3	0.02	0.00%	[0.00]	mg/L
V 310.230	26334.3	128.91	0.49%	[0.00]	mg/L
Be 313.042*†	-576.0	30.72	5.33%	[0.00]	mg/L
Be 313.107	-8013.3	70.90	0.88%	[0.00]	mg/L
Ca 317.933*†	-2937.9	18.43	0.63%	[0.00]	mg/L
Cu 324.752*†	3542.5	36.92	1.04%	[0.00]	mg/L
Cu 327.393	-2544.1	15.06	0.59%	[0.00]	mg/L
Ag 328.068*†	432.7	0.79	0.18%	[0.00]	mg/L

Ti 334.940	5347.5	48.61	0.91%	[0.00] mg/L
Ti 336.121*†	-2346.9	15.20	0.65%	[0.00] mg/L
Ag 338.289	-1587.9	18.80	1.18%	[0.00] mg/L
Tl 351.924	751.8	11.70	1.56%	[0.00] mg/L
Cr 357.869	554.6	40.96	7.39%	[0.00] mg/L
Al 396.153	1892.1	11.34	0.60%	[0.00] mg/L
Sr 407.771*†	518.8	35.18	6.78%	[0.00] mg/L
Sr 421.552	622.3	28.09	4.51%	[0.00] mg/L
Ca 422.673	2783.6	81.01	2.91%	[0.00] mg/L
Ba 455.403	383.3	51.80	13.51%	[0.00] mg/L
Li 460.286	-696.0	120.62	17.33%	[0.00] mg/L
Sr 460.733	-4511.7	128.15	2.84%	[0.00] mg/L
Na 588.995	-38020.0	33.24	0.09%	[0.00] mg/L
Na 589.592*†	3612.0	183.98	5.09%	[0.00] mg/L
Li 610.362*†	-45692.7	324.93	0.71%	[0.00] mg/L
K 766.490*	362.8	36.81	10.15%	[0.00] mg/L

Sequence No.: 3
Sample ID: Calib Std #3
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 7/26/06 9:18:54 AM

Sample Prep Volume:
Data Type: Original

Mean Data: Calib Std #3

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 324.227	206933.9	1309.75	0.63%	5.045	mg/L
Ho 339.898	37890.6	293.03	0.77%	4.838	mg/L
Ho 345.600	68320.5	594.46	0.87%	4.884	mg/L
Ho 347.426	25134.0	193.17	0.77%	4.944	mg/L
Tb 350.917	26919.8	124.89	0.46%	5.096	mg/L
Y 371.029	526894.6	3743.34	0.71%	5.001	mg/L
Tb 384.873	22635.4	136.31	0.60%	4.796	mg/L
As 188.979†	12345.6	159.67	1.29%	[7.50]	mg/L
Sn 189.927*†	9351.2	109.45	1.17%	[6.0]	mg/L
Tl 190.801*†	4730.3	37.46	0.79%	[3.0]	mg/L
Tl	3918.8	6.40	0.16%	[3.0]	mg/L
As 193.696*†	12477.8	139.44	1.12%	[7.50]	mg/L
Se 196.026*†	4651.0	58.74	1.26%	[3.0]	mg/L
Mo 202.031*†	6432.5	79.25	1.23%	[1.20]	mg/L
Zn 202.548	177435.8	2001.01	1.13%	[5.0]	mg/L
Mo 203.845	7555.0	67.15	0.89%	[1.20]	mg/L
Se 203.985	4412.3	42.44	0.96%	[3.0]	mg/L
Zn 206.200*†	126584.1	930.52	0.74%	[5.0]	mg/L
Sb 206.836	12596.1	85.18	0.68%	[9.0]	mg/L
Sb	9588.4	67.07	0.70%	[9.0]	mg/L
P 213.617*†	31495.1	153.22	0.49%	[12.0]	mg/L
Zn 213.857*†	289374.9	2459.40	0.85%	[5.0]	mg/L
P 214.914	34855.2	282.43	0.81%	[12.0]	mg/L
Pb 217.000	7912.1	45.73	0.58%	[7.50]	mg/L
Sb 217.582*†	29771.7	121.17	0.41%	[9.0]	mg/L
Pb 220.353*†	63071.1	244.35	0.39%	[7.50]	mg/L
Cd 226.502*†	190873.9	610.21	0.32%	[1.50]	mg/L
Co 228.616*†	121893.8	235.60	0.19%	[3.75]	mg/L
Cd 228.802	61514.5	429.72	0.70%	[1.50]	mg/L
Co 230.786	96626.6	573.07	0.59%	[3.75]	mg/L
Ni 231.604*†	39243.2	141.83	0.36%	[1.20]	mg/L
Ni 232.003	15742.3	106.25	0.67%	[1.20]	mg/L
Ba 233.527*†	1716311.4	5984.23	0.35%	[15.0]	mg/L
Fe 239.562	25928.6	100.59	0.39%	[7.50]	mg/L
Sn 242.170	25148.6	180.49	0.72%	[6.0]	mg/L
B 249.677*†	192925.0	3075.96	1.59%	[7.50]	mg/L
B 249.772	130579.9	2401.96	1.84%	[7.50]	mg/L
Si 251.611*†	154807.4	111.19	0.07%	[12.0]	mg/L
Mn 257.610*†	397995.4	1320.24	0.33%	[1.50]	mg/L
Mn 259.372	385161.6	2388.68	0.62%	[1.50]	mg/L
Fe 259.939	49034.2	432.61	0.88%	[7.50]	mg/L
Cr 267.716*†	114320.6	233.16	0.20%	[1.20]	mg/L
Fe 273.955*†	111743.9	221.52	0.20%	[7.50]	mg/L
Mg 279.077*†	101997.7	291.47	0.29%	[15.0]	mg/L
Mg 280.271	1762929.5	17590.82	1.00%	[15.0]	mg/L
Si 288.158	70670.6	214.70	0.30%	[12.0]	mg/L
V 292.402*†	87316.0	334.47	0.38%	[3.75]	mg/L
Al 308.215*†	383302.0	1742.35	0.45%	[27.0]	mg/L
V 310.230	301568.6	2763.13	0.92%	[3.75]	mg/L
Be 313.042*†	2662237.4	15970.36	0.60%	[1.125]	mg/L
Be 313.107	3397904.5	4454.98	0.13%	[1.125]	mg/L
Ca 317.933*†	412543.5	43.56	0.01%	[60.0]	mg/L
Cu 324.752*†	234867.5	1270.24	0.54%	[1.875]	mg/L
Cu 327.393	124320.2	1213.50	0.98%	[1.875]	mg/L
Ag 328.068*†	135717.0	616.40	0.45%	[0.75]	mg/L
Ti 334.940	429944.6	3148.54	0.73%	[1.20]	mg/L
Ti 336.121*†	494120.4	1686.75	0.34%	[1.20]	mg/L
Ag 338.289	66481.0	780.62	1.17%	[0.75]	mg/L
Tl 351.924	14727.2	159.25	1.08%	[3.0]	mg/L
Cr 357.869	59848.7	656.42	1.10%	[1.20]	mg/L

Al 396.153	2557138.6	1400.26	0.05%	[27.0] mg/L
Sr 407.771*†	803316.4	4289.65	0.53%	[0.60] mg/L
Sr 421.552	321488.9	3468.63	1.08%	[0.60] mg/L
Ca 422.673	853097.7	9440.99	1.11%	[60.0] mg/L
Ba 455.403	2431511.6	28009.49	1.15%	[15.0] mg/L
Li 460.286	43808.7	481.06	1.10%	[6.0] mg/L
Sr 460.733	227639.5	1294.81	0.57%	[0.60] mg/L
Na 588.995	773531.2	10558.72	1.37%	[72.0] mg/L
Na 589.592*†	607348.7	3053.66	0.50%	[72.0] mg/L
Li 610.362*†	1685637.3	6504.19	0.39%	[6.0] mg/L
K 766.490*	138206.3	957.22	0.69%	[54.0] mg/L

Sequence No.: 4
Sample ID: ICV
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 7/26/06 9:21:35 AM

Sample Prep Volume:
Data Type: Original

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	211492.4	5.156	mg/L	0.0547				1.06%
Ho 339.898	39933.1	5.099	mg/L	0.0821				1.61%
Ho 345.600	71609.6	5.119	mg/L	0.0841				1.64%
Ho 347.426	26088.5	5.132	mg/L	0.0678				1.32%
Tb 350.917	27706.4	5.245	mg/L	0.0595				1.13%
Y 371.029	538892.1	5.115	mg/L	0.0481				0.94%
Tb 384.873	23574.5	4.995	mg/L	0.0547				1.09%
S 180.669	78.1	0.447	mg/L	0.0243	0.447	mg/L	0.0243	5.44%
S 181.975*†	-1.2	-0.008	mg/L	0.0105	-0.008	mg/L	0.0105	130.24%
S 182.563	-291.9	-3.75	mg/L	0.006	-3.75	mg/L	0.006	0.15%
As 188.979†	7609.3	4.623	mg/L	0.0420	4.623	mg/L	0.0420	0.91%
QC value within limits for As 188.979 Recovery = 92.45%								
Sn 189.927*†	3983.9	2.556	mg/L	0.0319	2.556	mg/L	0.0319	1.25%
QC value within limits for Sn 189.927* Recovery = 102.25%								
Bi 190.171	24.7	0.040	mg/L	0.0058	0.040	mg/L	0.0058	14.37%
Tl 190.801*†	2976.3	1.888	mg/L	0.0066	1.888	mg/L	0.0066	0.35%
QC value within limits for Tl 190.801* Recovery = 94.38%								
Tl	2509.2	1.921	mg/L	0.0156	1.921	mg/L	0.0156	0.81%
As 193.696*†	7668.6	4.609	mg/L	0.0376	4.609	mg/L	0.0376	0.82%
QC value within limits for As 193.696* Recovery = 92.19%								
Se 196.026*†	3005.7	1.939	mg/L	0.0213	1.939	mg/L	0.0213	1.10%
QC value within limits for Se 196.026* Recovery = 96.94%								
Mo 202.031*†	13152.5	2.455	mg/L	0.0009	2.455	mg/L	0.0009	0.04%
QC value within limits for Mo 202.031* Recovery = 98.21%								
Zn 202.548	56600.4	1.595	mg/L	0.0103	1.595	mg/L	0.0103	0.64%
Mo 203.845	15872.1	2.521	mg/L	0.0249	2.521	mg/L	0.0249	0.99%
Se 203.985	2496.6	1.698	mg/L	0.0087	1.698	mg/L	0.0087	0.51%
Zn 206.200*†	38931.8	1.534	mg/L	0.0040	1.534	mg/L	0.0040	0.26%
QC value within limits for Zn 206.200* Recovery = 102.29%								
Sb 206.836	2757.8	1.970	mg/L	0.0111	1.970	mg/L	0.0111	0.56%
Sb	2092.1	2.012	mg/L	0.0150	2.012	mg/L	0.0150	0.74%
P 213.617*†	12828.6	4.897	mg/L	0.0041	4.897	mg/L	0.0041	0.08%
QC value within limits for P 213.617* Recovery = 97.94%								
Zn 213.857*†	89542.4	1.546	mg/L	0.0005	1.546	mg/L	0.0005	0.03%
QC value within limits for Zn 213.857* Recovery = 103.04%								
P 214.914	14557.6	5.012	mg/L	0.0001	5.012	mg/L	0.0001	0.00%
Pb 217.000	5391.7	5.204	mg/L	0.0122	5.204	mg/L	0.0122	0.23%
Sb 217.582*†	6552.6	1.981	mg/L	0.0004	1.981	mg/L	0.0004	0.02%
QC value within limits for Sb 217.582* Recovery = 99.04%								
Pb 220.353*†	41827.9	4.974	mg/L	0.0026	4.974	mg/L	0.0026	0.05%
QC value within limits for Pb 220.353* Recovery = 99.48%								
Bi 223.061*†	-1083.5	-0.248	mg/L	0.0032	-0.248	mg/L	0.0032	1.30%
Cd 226.502*†	192641.5	1.514	mg/L	0.0062	1.514	mg/L	0.0062	0.41%
QC value within limits for Cd 226.502* Recovery = 100.93%								
Co 228.616*†	33913.8	1.043	mg/L	0.0005	1.043	mg/L	0.0005	0.04%
QC value within limits for Co 228.616* Recovery = 104.33%								
Cd 228.802	61709.3	1.505	mg/L	0.0159	1.505	mg/L	0.0159	1.05%
Co 230.786	27218.5	1.056	mg/L	0.0109	1.056	mg/L	0.0109	1.03%
Ni 231.604*†	13250.5	0.4052	mg/L	0.00147	0.4052	mg/L	0.00147	0.36%
QC value within limits for Ni 231.604* Recovery = 101.30%								
Ni 232.003	5457.9	0.4160	mg/L	0.00359	0.4160	mg/L	0.00359	0.86%
Ba 233.527*†	117388.1	1.026	mg/L	0.0024	1.026	mg/L	0.0024	0.24%
QC value within limits for Ba 233.527* Recovery = 102.59%								
Fe 239.562	345365.6	99.90	mg/L	0.652	99.90	mg/L	0.652	0.65%
Sn 242.170	11153.8	2.661	mg/L	0.0397	2.661	mg/L	0.0397	1.49%
B 249.677*†	67144.6	2.584	mg/L	0.0252	2.584	mg/L	0.0252	0.97%
QC value within limits for B 249.677* Recovery = 103.36%								
B 249.772	73000.3	4.442	mg/L	0.0756	4.442	mg/L	0.0756	1.70%
Si 251.611*†	28268.2	2.259	mg/L	0.0014	2.259	mg/L	0.0014	0.06%
QC value greater than the upper limit for Si 251.611* Recovery = 196.48%								

Mn 257.610*†	269201.1	1.012 mg/L	0.0013	1.012 mg/L	0.0013	0.12%
QC value within limits for Mn 257.610* Recovery = 101.21%						
Mn 259.372	289536.9	1.128 mg/L	0.0105	1.128 mg/L	0.0105	0.93%
Fe 259.939	652705.7	99.83 mg/L	0.316	99.83 mg/L	0.316	0.32%
Cr 267.716*†	38368.8	0.4032 mg/L	0.00181	0.4032 mg/L	0.00181	0.45%
QC value within limits for Cr 267.716* Recovery = 100.81%						
Fe 273.955*†	1430714.2	96.03 mg/L	0.248	96.03 mg/L	0.248	0.26%
QC value within limits for Fe 273.955* Recovery = 96.03%						
Mg 279.077*†	62178.3	9.144 mg/L	0.0300	9.144 mg/L	0.0300	0.33%
QC value within limits for Mg 279.077* Recovery = 91.44%						
Mg 280.271	1077670.6	9.169 mg/L	0.0313	9.169 mg/L	0.0313	0.34%
Si 288.158	13340.6	2.265 mg/L	0.0343	2.265 mg/L	0.0343	1.52%
V 292.402*†	22418.4	0.9677 mg/L	0.00057	0.9677 mg/L	0.00057	0.06%
QC value within limits for V 292.402* Recovery = 96.77%						
Al 308.215*†	56877.0	4.002 mg/L	0.0114	4.002 mg/L	0.0114	0.28%
QC value within limits for Al 308.215* Recovery = 100.06%						
V 310.230	83063.7	1.033 mg/L	0.0143	1.033 mg/L	0.0143	1.39%
Be 313.042*†	1162088.0	0.4911 mg/L	0.00202	0.4911 mg/L	0.00202	0.41%
QC value within limits for Be 313.042* Recovery = 98.21%						
Be 313.107	1522414.1	0.5041 mg/L	0.00375	0.5041 mg/L	0.00375	0.74%
Ca 317.933*†	135053.5	19.64 mg/L	0.129	19.64 mg/L	0.129	0.66%
QC value within limits for Ca 317.933* Recovery = 98.21%						
Cu 324.752*†	124174.2	0.9920 mg/L	0.00288	0.9920 mg/L	0.00288	0.29%
QC value within limits for Cu 324.752* Recovery = 99.20%						
Cu 327.393	68339.6	1.031 mg/L	0.0132	1.031 mg/L	0.0132	1.28%
Ag 328.068*†	89796.3	0.4958 mg/L	0.00076	0.4958 mg/L	0.00076	0.15%
QC value within limits for Ag 328.068* Recovery = 99.15%						
Ti 334.940	1817784.4	5.074 mg/L	0.0502	5.074 mg/L	0.0502	0.99%
Ti 336.121*†	2042124.6	4.959 mg/L	0.0044	4.959 mg/L	0.0044	0.09%
QC value within limits for Ti 336.121* Recovery = 99.19%						
Ag 338.289	44551.1	0.5026 mg/L	0.00346	0.5026 mg/L	0.00346	0.69%
Tl 351.924	9323.2	1.899 mg/L	0.0379	1.899 mg/L	0.0379	2.00%
Cr 357.869	19464.6	0.3934 mg/L	0.00879	0.3934 mg/L	0.00879	2.24%
Al 396.153	385995.5	4.076 mg/L	0.0216	4.076 mg/L	0.0216	0.53%
Sr 407.771*†	259672.3	0.1936 mg/L	0.00156	0.1936 mg/L	0.00156	0.80%
QC value within limits for Sr 407.771* Recovery = 96.80%						
Sr 421.552	107621.7	0.2003 mg/L	0.00071	0.2003 mg/L	0.00071	0.36%
Ca 422.673	291340.2	20.49 mg/L	0.104	20.49 mg/L	0.104	0.51%
Ba 455.403	164781.6	1.016 mg/L	0.0063	1.016 mg/L	0.0063	0.62%
Li 460.286	19198.1	2.629 mg/L	0.0583	2.629 mg/L	0.0583	2.22%
Sr 460.733	69056.9	0.1826 mg/L	0.00041	0.1826 mg/L	0.00041	0.22%
Na 588.995	580331.3	54.02 mg/L	0.306	54.02 mg/L	0.306	0.57%
Na 589.592*†	442934.7	52.51 mg/L	0.458	52.51 mg/L	0.458	0.87%
QC value within limits for Na 589.592* Recovery = 97.24%						
Li 610.362*†	520213.7	1.852 mg/L	0.0023	1.852 mg/L	0.0023	0.13%
QC value within limits for Li 610.362* Recovery = 92.58%						
K 766.490*	21200.5	8.283 mg/L	0.0064	8.283 mg/L	0.0064	0.08%
QC value within limits for K 766.490* Recovery = 103.54%						

QC Failed. Continue with analysis.

Sequence No.: 5
Sample ID: ICB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/26/06 9:24:00 AM

Sample Prep Volume:
Data Type: Original

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	208616.1	5.086	mg/L	0.0658				1.29%
Ho 339.898	39646.9	5.062	mg/L	0.0365				0.72%
Ho 345.600	70925.6	5.070	mg/L	0.0447				0.88%
Ho 347.426	25559.3	5.028	mg/L	0.0169				0.34%
Tb 350.917	26864.3	5.086	mg/L	0.0395				0.78%
Y 371.029	535034.4	5.078	mg/L	0.0668				1.32%
Tb 384.873	23696.9	5.021	mg/L	0.0278				0.55%
S 180.669	-0.7	-0.004	mg/L	0.0157	-0.004	mg/L	0.0157	366.24%
S 181.975*†	-1.4	-0.009	mg/L	0.0029	-0.009	mg/L	0.0029	31.30%
S 182.563	-8.9	-0.114	mg/L	0.0330	-0.114	mg/L	0.0330	28.83%
As 188.979†	2.0	0.0012	mg/L	0.00050	0.0012	mg/L	0.00050	41.33%
Sn 189.927*†	9.1	0.0058	mg/L	0.00021	0.0058	mg/L	0.00021	3.52%
Bi 190.171	1.4	0.002	mg/L	0.0010	0.002	mg/L	0.0010	43.48%
Tl 190.801*†	20.5	0.0130	mg/L	0.00173	0.0130	mg/L	0.00173	13.30%
Tl	18.3	0.0140	mg/L	0.00094	0.0140	mg/L	0.00094	6.68%
As 193.696*†	4.6	0.0027	mg/L	0.00022	0.0027	mg/L	0.00022	8.11%
Se 196.026*†	5.7	0.0037	mg/L	0.00266	0.0037	mg/L	0.00266	72.12%
Mo 202.031*†	10.6	0.0020	mg/L	0.00072	0.0020	mg/L	0.00072	36.47%
Zn 202.548	82.6	0.0023	mg/L	0.00031	0.0023	mg/L	0.00031	13.49%
Mo 203.845	0.6	0.0001	mg/L	0.00010	0.0001	mg/L	0.00010	100.73%
Se 203.985	-6.2	-0.0042	mg/L	0.00038	-0.0042	mg/L	0.00038	9.14%
Zn 206.200*†	59.8	0.0024	mg/L	0.00051	0.0024	mg/L	0.00051	21.48%
Sb 206.836	7.8	0.0055	mg/L	0.00301	0.0055	mg/L	0.00301	54.42%
Sb	7.8	0.0073	mg/L	0.00142	0.0073	mg/L	0.00142	19.55%
P 213.617*†	-4.9	-0.0018	mg/L	0.00014	-0.0018	mg/L	0.00014	7.60%
Zn 213.857*†	142.7	0.0025	mg/L	0.00007	0.0025	mg/L	0.00007	2.64%
P 214.914	-3.7	-0.0013	mg/L	0.00054	-0.0013	mg/L	0.00054	42.14%
Pb 217.000	1.9	0.0018	mg/L	0.00547	0.0018	mg/L	0.00547	310.28%
Sb 217.582*†	2.5	0.0008	mg/L	0.00087	0.0008	mg/L	0.00087	114.87%
Pb 220.353*†	26.2	0.0031	mg/L	0.00008	0.0031	mg/L	0.00008	2.43%
Bi 223.061*†	23.7	0.005	mg/L	0.0003	0.005	mg/L	0.0003	4.78%
Cd 226.502*†	30.4	0.0002	mg/L	0.00001	0.0002	mg/L	0.00001	6.03%
Co 228.616*†	8.6	0.0003	mg/L	0.00003	0.0003	mg/L	0.00003	9.89%
Cd 228.802	5.4	0.0001	mg/L	0.00018	0.0001	mg/L	0.00018	133.06%
Co 230.786	3.2	0.0001	mg/L	0.00019	0.0001	mg/L	0.00019	148.12%
Ni 231.604*†	14.2	0.0004	mg/L	0.00033	0.0004	mg/L	0.00033	74.93%
Ni 232.003	20.7	0.0016	mg/L	0.00033	0.0016	mg/L	0.00033	20.72%
Ba 233.527*†	40.6	0.0004	mg/L	0.00000	0.0004	mg/L	0.00000	0.27%
Fe 239.562	3.6	0.0010	mg/L	0.00073	0.0010	mg/L	0.00073	70.33%
Sn 242.170	-26.5	-0.0063	mg/L	0.02000	-0.0063	mg/L	0.02000	316.83%
B 249.677*†	1829.6	0.0711	mg/L	0.00576	0.0711	mg/L	0.00576	8.10%
B 249.772	1237.5	0.0711	mg/L	0.00297	0.0711	mg/L	0.00297	4.18%
Si 251.611*†	136.1	0.0105	mg/L	0.00173	0.0105	mg/L	0.00173	16.41%
Mn 257.610*†	108.6	0.0004	mg/L	0.00010	0.0004	mg/L	0.00010	23.50%
Mn 259.372	63.6	0.0002	mg/L	0.00008	0.0002	mg/L	0.00008	32.48%
Fe 259.939	-4.8	-0.0007	mg/L	0.00100	-0.0007	mg/L	0.00100	136.76%
Cr 267.716*†	-24.0	-0.0003	mg/L	0.00011	-0.0003	mg/L	0.00011	44.47%
Fe 273.955*†	-34.7	-0.0023	mg/L	0.00079	-0.0023	mg/L	0.00079	34.01%
Mg 279.077*†	7.1	0.0010	mg/L	0.00557	0.0010	mg/L	0.00557	533.97%
Mg 280.271	-482.0	-0.0041	mg/L	0.00043	-0.0041	mg/L	0.00043	10.54%
Si 288.158	60.0	0.0102	mg/L	0.00336	0.0102	mg/L	0.00336	32.99%
V 292.402*†	59.3	0.0025	mg/L	0.00136	0.0025	mg/L	0.00136	53.20%
Al 308.215*†	-78.5	-0.0055	mg/L	0.00470	-0.0055	mg/L	0.00470	84.95%
V 310.230	452.3	0.0056	mg/L	0.00312	0.0056	mg/L	0.00312	55.55%
Be 313.042*†	339.1	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	5.16%
Be 313.107	294.0	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	23.43%
Ca 317.933*†	27.6	0.0040	mg/L	0.00553	0.0040	mg/L	0.00553	137.61%
Cu 324.752*†	402.9	0.0032	mg/L	0.00003	0.0032	mg/L	0.00003	0.82%
Cu 327.393	170.1	0.0026	mg/L	0.00043	0.0026	mg/L	0.00043	16.75%

Ag 328.068*†	-18.3	-0.0001 mg/L	0.00029	-0.0001 mg/L	0.00029	285.65%
QC value within limits for Ag 328.068* Recovery = Not calculated						
Ti 334.940	256.8	0.0007 mg/L	0.00008	0.0007 mg/L	0.00008	11.07%
Ti 336.121*†	317.1	0.0008 mg/L	0.00019	0.0008 mg/L	0.00019	24.11%
Ag 338.289	29.9	0.0003 mg/L	0.00044	0.0003 mg/L	0.00044	130.95%
Tl 351.924	71.5	0.0146 mg/L	0.00120	0.0146 mg/L	0.00120	8.22%
Cr 357.869	0.0	0.0000 mg/L	0.00035	0.0000 mg/L	0.00035	>999.9%
Al 396.153	-101.1	-0.0011 mg/L	0.00006	-0.0011 mg/L	0.00006	5.99%
Sr 407.771*†	-79.5	-0.0001 mg/L	0.00001	-0.0001 mg/L	0.00001	8.47%
Sr 421.552	76.6	0.0001 mg/L	0.00009	0.0001 mg/L	0.00009	64.64%
Ca 422.673	2.2	0.0002 mg/L	0.00198	0.0002 mg/L	0.00198	>999.9%
Ba 455.403	129.9	0.0008 mg/L	0.00007	0.0008 mg/L	0.00007	8.19%
Li 460.286	28.3	0.0039 mg/L	0.00068	0.0039 mg/L	0.00068	17.63%
Sr 460.733	159.4	0.0004 mg/L	0.00000	0.0004 mg/L	0.00000	0.12%
Na 588.995	1827.0	0.1701 mg/L	0.02726	0.1701 mg/L	0.02726	16.03%
Na 589.592*†	821.6	0.0974 mg/L	0.01650	0.0974 mg/L	0.01650	16.94%
Li 610.362*†	1992.0	0.0071 mg/L	0.00027	0.0071 mg/L	0.00027	3.78%
K 766.490*	205.0	0.0801 mg/L	0.03965	0.0801 mg/L	0.03965	49.51%

All analytes passed QC.

Sequence No.: 6
Sample ID: Highest STD
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 7/26/06 9:26:36 AM

Sample Prep Volume:
Data Type: Original

Mean Data: Highest STD

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 324.227	208612.5	5.086	mg/L	0.0487				0.96%
Ho 339.898	37592.6	4.800	mg/L	0.0141				0.29%
Ho 345.600	68069.7	4.866	mg/L	0.0229				0.47%
Ho 347.426	24790.8	4.877	mg/L	0.0019				0.04%
Tb 350.917	26740.3	5.062	mg/L	0.0366				0.72%
Y 371.029	529540.0	5.026	mg/L	0.0508				1.01%
Tb 384.873	22396.5	4.746	mg/L	0.0437				0.92%
S 180.669	209.7	1.20	mg/L	0.020	1.20	mg/L	0.020	1.64%
S 181.975*†	-0.8	-0.005	mg/L	0.0202	-0.005	mg/L	0.0202	389.11%
S 182.563	-835.8	-10.7	mg/L	0.16	-10.7	mg/L	0.16	1.46%
As 188.979†	12083.5	7.341	mg/L	0.0113	7.341	mg/L	0.0113	0.15%
QC value within limits for As 188.979 Recovery = 97.88%								
Sn 189.927*†	9503.7	6.098	mg/L	0.0211	6.098	mg/L	0.0211	0.35%
QC value within limits for Sn 189.927* Recovery = 101.63%								
Bi 190.171	10.4	0.017	mg/L	0.0072	0.017	mg/L	0.0072	41.93%
Tl 190.801*†	4774.5	3.028	mg/L	0.0114	3.028	mg/L	0.0114	0.38%
QC value within limits for Tl 190.801* Recovery = 100.93%								
Tl	3919.4	3.001	mg/L	0.0129	3.001	mg/L	0.0129	0.43%
As 193.696*†	12201.3	7.334	mg/L	0.0094	7.334	mg/L	0.0094	0.13%
QC value within limits for As 193.696* Recovery = 97.78%								
Se 196.026*†	4691.5	3.026	mg/L	0.0133	3.026	mg/L	0.0133	0.44%
QC value within limits for Se 196.026* Recovery = 100.87%								
Mo 202.031*†	6532.0	1.220	mg/L	0.0071	1.220	mg/L	0.0071	0.58%
QC value within limits for Mo 202.031* Recovery = 101.68%								
Zn 202.548	178448.9	5.029	mg/L	0.0105	5.029	mg/L	0.0105	0.21%
Mo 203.845	7615.5	1.210	mg/L	0.0044	1.210	mg/L	0.0044	0.36%
Se 203.985	4421.2	3.006	mg/L	0.0123	3.006	mg/L	0.0123	0.41%
Zn 206.200*†	128080.1	5.061	mg/L	0.0329	5.061	mg/L	0.0329	0.65%
QC value within limits for Zn 206.200* Recovery = 101.22%								
Sb 206.836	12304.8	8.792	mg/L	0.0721	8.792	mg/L	0.0721	0.82%
Sb	9364.4	8.867	mg/L	0.0721	8.867	mg/L	0.0721	0.81%
P 213.617*†	31569.7	12.05	mg/L	0.017	12.05	mg/L	0.017	0.14%
QC value within limits for P 213.617* Recovery = 100.42%								
Zn 213.857*†	294119.1	5.084	mg/L	0.0790	5.084	mg/L	0.0790	1.55%
QC value within limits for Zn 213.857* Recovery = 101.68%								
P 214.914	33539.3	11.55	mg/L	0.087	11.55	mg/L	0.087	0.75%
Pb 217.000	7725.5	7.314	mg/L	0.0137	7.314	mg/L	0.0137	0.19%
Sb 217.582*†	29756.4	8.995	mg/L	0.0143	8.995	mg/L	0.0143	0.16%
QC value within limits for Sb 217.582* Recovery = 99.95%								
Pb 220.353*†	63058.2	7.498	mg/L	0.0173	7.498	mg/L	0.0173	0.23%
QC value within limits for Pb 220.353* Recovery = 99.98%								
Bi 223.061*†	-360.1	-0.082	mg/L	0.0027	-0.082	mg/L	0.0027	3.33%
Cd 226.502*†	193286.6	1.519	mg/L	0.0001	1.519	mg/L	0.0001	0.01%
QC value within limits for Cd 226.502* Recovery = 101.26%								
Co 228.616*†	122547.7	3.770	mg/L	0.0173	3.770	mg/L	0.0173	0.46%
QC value within limits for Co 228.616* Recovery = 100.54%								
Cd 228.802	61354.3	1.496	mg/L	0.0065	1.496	mg/L	0.0065	0.43%
Co 230.786	95839.9	3.719	mg/L	0.0174	3.719	mg/L	0.0174	0.47%
Ni 231.604*†	39216.2	1.199	mg/L	0.0049	1.199	mg/L	0.0049	0.41%
QC value within limits for Ni 231.604* Recovery = 99.93%								
Ni 232.003	15291.4	1.166	mg/L	0.0046	1.166	mg/L	0.0046	0.40%
Ba 233.527*†	1742920.8	15.23	mg/L	0.201	15.23	mg/L	0.201	1.32%
QC value within limits for Ba 233.527* Recovery = 101.55%								
Fe 239.562	25439.9	7.359	mg/L	0.0795	7.359	mg/L	0.0795	1.08%
Sn 242.170	23985.9	5.723	mg/L	0.0451	5.723	mg/L	0.0451	0.79%
B 249.677*†	197646.4	7.680	mg/L	0.0425	7.680	mg/L	0.0425	0.55%
QC value within limits for B 249.677* Recovery = 102.40%								
B 249.772	132692.7	7.640	mg/L	0.0191	7.640	mg/L	0.0191	0.25%
Si 251.611*†	156272.1	12.12	mg/L	0.071	12.12	mg/L	0.071	0.59%

QC value within limits for Si 251.611* Recovery = 101.00%

Mn 257.610*†	404240.4	1.519 mg/L	0.0195	1.519 mg/L	0.0195	1.28%

QC value within limits for Mn 257.610* Recovery = 101.29%

Mn 259.372	387188.0	1.508 mg/L	0.0096	1.508 mg/L	0.0096	0.64%
Fe 259.939	48571.3	7.429 mg/L	0.0639	7.429 mg/L	0.0639	0.86%
Cr 267.716*†	114520.5	1.204 mg/L	0.0033	1.204 mg/L	0.0033	0.27%

QC value within limits for Cr 267.716* Recovery = 100.34%

Fe 273.955*†	112157.4	7.538 mg/L	0.0242	7.538 mg/L	0.0242	0.32%

QC value within limits for Fe 273.955* Recovery = 100.51%

Mg 279.077*†	102513.4	15.08 mg/L	0.007	15.08 mg/L	0.007	0.05%

QC value within limits for Mg 279.077* Recovery = 100.51%

Mg 280.271	1755414.3	14.94 mg/L	0.012	14.94 mg/L	0.012	0.08%
Si 288.158	69948.7	11.88 mg/L	0.010	11.88 mg/L	0.010	0.08%
V 292.402*†	87134.4	3.743 mg/L	0.0017	3.743 mg/L	0.0017	0.04%

QC value within limits for V 292.402* Recovery = 99.80%

Al 308.215*†	391003.3	27.53 mg/L	0.363	27.53 mg/L	0.363	1.32%

QC value within limits for Al 308.215* Recovery = 101.96%

V 310.230	303741.8	3.777 mg/L	0.0228	3.777 mg/L	0.0228	0.60%
Be 313.042*†	2659295.5	1.124 mg/L	0.0149	1.124 mg/L	0.0149	1.33%

QC value within limits for Be 313.042* Recovery = 99.89%

Be 313.107	3373798.8	1.117 mg/L	0.0067	1.117 mg/L	0.0067	0.60%
Ca 317.933*†	407823.5	59.31 mg/L	0.084	59.31 mg/L	0.084	0.14%

QC value within limits for Ca 317.933* Recovery = 98.86%

Cu 324.752*†	239419.3	1.914 mg/L	0.0037	1.914 mg/L	0.0037	0.19%

QC value within limits for Cu 324.752* Recovery = 102.06%

Cu 327.393	124300.0	1.877 mg/L	0.0045	1.877 mg/L	0.0045	0.24%
Ag 328.068*†	137857.3	0.7612 mg/L	0.00006	0.7612 mg/L	0.00006	0.01%

QC value within limits for Ag 328.068* Recovery = 101.50%

Ti 334.940	433109.7	1.209 mg/L	0.0081	1.209 mg/L	0.0081	0.67%
Ti 336.121*†	502333.4	1.220 mg/L	0.0157	1.220 mg/L	0.0157	1.28%

QC value within limits for Ti 336.121* Recovery = 101.66%

Ag 338.289	66046.4	0.7451 mg/L	0.00448	0.7451 mg/L	0.00448	0.60%
Tl 351.924	14593.0	2.973 mg/L	0.0245	2.973 mg/L	0.0245	0.82%
Cr 357.869	59635.2	1.199 mg/L	0.0079	1.199 mg/L	0.0079	0.66%
Al 396.153	2554618.7	26.97 mg/L	0.393	26.97 mg/L	0.393	1.46%
Sr 407.771*†	801317.9	0.5983 mg/L	0.00365	0.5983 mg/L	0.00365	0.61%

QC value within limits for Sr 407.771* Recovery = 99.71%

Sr 421.552	319763.4	0.5966 mg/L	0.00020	0.5966 mg/L	0.00020	0.03%
Ca 422.673	849419.1	59.74 mg/L	0.056	59.74 mg/L	0.056	0.09%
Ba 455.403	2331696.4	14.38 mg/L	0.187	14.38 mg/L	0.187	1.30%
Li 460.286	44068.0	6.036 mg/L	0.0411	6.036 mg/L	0.0411	0.68%
Sr 460.733	229477.9	0.6058 mg/L	0.00315	0.6058 mg/L	0.00315	0.52%
Na 588.995	754529.7	70.23 mg/L	0.367	70.23 mg/L	0.367	0.52%
Na 589.592*†	603269.4	71.52 mg/L	0.234	71.52 mg/L	0.234	0.33%

QC value within limits for Na 589.592* Recovery = 99.33%

Li 610.362*†	1708611.9	6.082 mg/L	0.1181	6.082 mg/L	0.1181	1.94%

QC value within limits for Li 610.362* Recovery = 101.36%

K 766.490*	136389.0	53.29 mg/L	0.542	53.29 mg/L	0.542	1.02%

QC value within limits for K 766.490* Recovery = 98.69%

All analytes passed QC.

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Sequence No.: 8
Sample ID: ics ab
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 7/26/06 9:31:53 AM

Sample Prep Volume:
Data Type: Original

Mean Data: ics ab

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	209593.4	5.110	mg/L	0.0312				0.61%
Ho 339.898	37606.2	4.802	mg/L	0.0391				0.82%
Ho 345.600	68907.4	4.926	mg/L	0.0299				0.61%
Ho 347.426	24571.5	4.833	mg/L	0.0284				0.59%
Tb 350.917	26507.9	5.018	mg/L	0.0457				0.91%
Y 371.029	519781.9	4.934	mg/L	0.0191				0.39%
Tb 384.873	22585.5	4.786	mg/L	0.0384				0.80%
S 180.669	423.5	2.42	mg/L	0.036	2.42	mg/L	0.036	1.50%
S 181.975*†	-10.3	-0.068	mg/L	0.0059	-0.068	mg/L	0.0059	8.64%
S 182.563	-51.8	-0.665	mg/L	0.0245	-0.665	mg/L	0.0245	3.68%
As 188.979†	1652.7	1.004	mg/L	0.0175	1.004	mg/L	0.0175	1.74%
Sn 189.927*†	-26.3	-0.0169	mg/L	0.00189	-0.0169	mg/L	0.00189	11.19%
Bi 190.171	27.7	0.045	mg/L	0.0029	0.045	mg/L	0.0029	6.32%
Tl 190.801*†	1473.7	0.9346	mg/L	0.00699	0.9346	mg/L	0.00699	0.75%
Tl	1186.6	0.9084	mg/L	0.00650	0.9084	mg/L	0.00650	0.72%
As 193.696*†	1656.2	0.9955	mg/L	0.01351	0.9955	mg/L	0.01351	1.36%
Se 196.026*†	773.7	0.4991	mg/L	0.00918	0.4991	mg/L	0.00918	1.84%
Mo 202.031*†	1561.6	0.2942	mg/L	0.00597	0.2942	mg/L	0.00597	2.03%
Zn 202.548	10108.1	0.2848	mg/L	0.00242	0.2848	mg/L	0.00242	0.85%
Mo 203.845	1867.9	0.2967	mg/L	0.00356	0.2967	mg/L	0.00356	1.20%
Se 203.985	668.0	0.4542	mg/L	0.00491	0.4542	mg/L	0.00491	1.08%
Zn 206.200*†	7823.6	0.3077	mg/L	0.00587	0.3077	mg/L	0.00587	1.91%
Sb 206.836	1400.1	1.000	mg/L	0.0193	1.000	mg/L	0.0193	1.93%
Sb	1060.5	1.061	mg/L	0.0202	1.061	mg/L	0.0202	1.90%
P 213.617*†	-32.4	-0.0070	mg/L	0.00372	-0.0070	mg/L	0.00372	53.37%
Zn 213.857*†	18352.5	0.3173	mg/L	0.00036	0.3173	mg/L	0.00036	0.11%
P 214.914	-67.8	-0.0233	mg/L	0.00239	-0.0233	mg/L	0.00239	10.25%
Pb 217.000	1174.4	1.216	mg/L	0.0169	1.216	mg/L	0.0169	1.39%
Sb 217.582*†	3411.1	1.031	mg/L	0.0067	1.031	mg/L	0.0067	0.65%
Pb 220.353*†	8251.5	0.9812	mg/L	0.00374	0.9812	mg/L	0.00374	0.38%
Bi 223.061*†	-178.1	-0.041	mg/L	0.0018	-0.041	mg/L	0.0018	4.34%
Cd 226.502*†	37120.3	0.2917	mg/L	0.00024	0.2917	mg/L	0.00024	0.08%
Co 228.616*†	10009.3	0.3079	mg/L	0.00106	0.3079	mg/L	0.00106	0.34%
Cd 228.802	11659.6	0.2843	mg/L	0.00268	0.2843	mg/L	0.00268	0.94%
Co 230.786	7774.3	0.3017	mg/L	0.00072	0.3017	mg/L	0.00072	0.24%
Ni 231.604*†	9997.4	0.3057	mg/L	0.00107	0.3057	mg/L	0.00107	0.35%
Ni 232.003	3906.3	0.2978	mg/L	0.00448	0.2978	mg/L	0.00448	1.50%
Ba 233.527*†	34947.7	0.3054	mg/L	0.00071	0.3054	mg/L	0.00071	0.23%
Fe 239.562	336351.6	97.29	mg/L	0.441	97.29	mg/L	0.441	0.45%
Sn 242.170	400.9	0.0956	mg/L	0.02300	0.0956	mg/L	0.02300	24.04%
B 249.677*†	14104.4	0.5206	mg/L	0.00380	0.5206	mg/L	0.00380	0.73%
B 249.772	34725.9	2.243	mg/L	0.0218	2.243	mg/L	0.0218	0.97%
Si 251.611*†	4469.1	0.4149	mg/L	0.00096	0.4149	mg/L	0.00096	0.23%
Mn 257.610*†	52127.4	0.1877	mg/L	0.00059	0.1877	mg/L	0.00059	0.32%
Mn 259.372	84481.3	0.3290	mg/L	0.00207	0.3290	mg/L	0.00207	0.63%
Fe 259.939	642948.3	98.34	mg/L	0.077	98.34	mg/L	0.077	0.08%
Cr 267.716*†	29416.2	0.3122	mg/L	0.00178	0.3122	mg/L	0.00178	0.57%
Fe 273.955*†	1435596.4	96.36	mg/L	0.837	96.36	mg/L	0.837	0.87%
Mg 279.077*†	390495.9	57.43	mg/L	0.502	57.43	mg/L	0.502	0.87%
Mg 280.271	6368454.9	54.19	mg/L	0.578	54.19	mg/L	0.578	1.07%
Si 288.158	2317.7	0.3935	mg/L	0.00466	0.3935	mg/L	0.00466	1.18%
V 292.402*†	6591.1	0.2883	mg/L	0.00058	0.2883	mg/L	0.00058	0.20%
Al 308.215*†	339199.1	23.89	mg/L	0.175	23.89	mg/L	0.175	0.73%
V 310.230	24197.2	0.3009	mg/L	0.00400	0.3009	mg/L	0.00400	1.33%
Be 313.042*†	234845.4	0.0992	mg/L	0.00096	0.0992	mg/L	0.00096	0.97%
Be 313.107	293648.0	0.0972	mg/L	0.00000	0.0972	mg/L	0.00000	0.00%
Ca 317.933*†	828182.7	120.5	mg/L	0.73	120.5	mg/L	0.73	0.60%
Cu 324.752*†	37106.1	0.2966	mg/L	0.00022	0.2966	mg/L	0.00022	0.08%
Cu 327.393	19512.1	0.2947	mg/L	0.00362	0.2947	mg/L	0.00362	1.23%

Ag 328.068*†	55593.1	0.3051 mg/L	0.00064	0.3051 mg/L	0.00064	0.21%
Ti 334.940	356042.8	0.9937 mg/L	0.00054	0.9937 mg/L	0.00054	0.05%
Ti 336.121*†	419673.7	1.019 mg/L	0.0086	1.019 mg/L	0.0086	0.85%
Ag 338.289	26756.6	0.3019 mg/L	0.00197	0.3019 mg/L	0.00197	0.65%
Tl 351.924	4562.1	0.9293 mg/L	0.01316	0.9293 mg/L	0.01316	1.42%
Cr 357.869	14435.7	0.2968 mg/L	0.00376	0.2968 mg/L	0.00376	1.27%
Al 396.153	2235404.4	23.60 mg/L	0.019	23.60 mg/L	0.019	0.08%
Sr 407.771*†	2109.1	0.0009 mg/L	0.00002	0.0009 mg/L	0.00002	2.13%
Sr 421.552	921.4	0.0008 mg/L	0.00002	0.0008 mg/L	0.00002	1.97%
Ca 422.673	1667509.2	117.3 mg/L	0.86	117.3 mg/L	0.86	0.74%
Ba 455.403	47625.9	0.2936 mg/L	0.00044	0.2936 mg/L	0.00044	0.15%
Li 460.286	4911.2	0.6726 mg/L	0.00130	0.6726 mg/L	0.00130	0.19%
Sr 460.733	374.5	0.0025 mg/L	0.00006	0.0025 mg/L	0.00006	2.38%
Na 588.995	205963.0	19.17 mg/L	0.045	19.17 mg/L	0.045	0.23%
Na 589.592*†	166613.6	19.75 mg/L	0.171	19.75 mg/L	0.171	0.86%
Li 610.362*†	-11191.6	-0.0398 mg/L	0.00124	-0.0398 mg/L	0.00124	3.11%
K 766.490*	52324.5	20.44 mg/L	0.003	20.44 mg/L	0.003	0.01%

Sequence No.: 9
Sample ID: ics a
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 7/26/06 9:34:20 AM

Sample Prep Volume:
Data Type: Original

Mean Data: ics a

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	210169.4	5.124	mg/L	0.0133				0.26%
Ho 339.898	37672.9	4.810	mg/L	0.0089				0.18%
Ho 345.600	69018.0	4.934	mg/L	0.0032				0.07%
Ho 347.426	24571.8	4.834	mg/L	0.0217				0.45%
Tb 350.917	26479.6	5.013	mg/L	0.0121				0.24%
Y 371.029	526515.2	4.997	mg/L	0.0645				1.29%
Tb 384.873	22717.3	4.814	mg/L	0.0168				0.35%
S 180.669	412.1	2.36	mg/L	0.026	2.36	mg/L	0.026	1.09%
S 181.975*†	-17.8	-0.118	mg/L	0.0286	-0.118	mg/L	0.0286	24.28%
S 182.563	6.1	0.078	mg/L	0.0284	0.078	mg/L	0.0284	36.36%
As 188.979†	-3.8	-0.0023	mg/L	0.00342	-0.0023	mg/L	0.00342	149.72%
Sn 189.927*†	-31.4	-0.0201	mg/L	0.00130	-0.0201	mg/L	0.00130	6.48%
Bi 190.171	20.2	0.033	mg/L	0.0116	0.033	mg/L	0.0116	35.10%
Tl 190.801*†	23.1	0.0146	mg/L	0.00245	0.0146	mg/L	0.00245	16.73%
Tl	13.6	0.0104	mg/L	0.00360	0.0104	mg/L	0.00360	34.73%
As 193.696*†	-27.2	-0.0163	mg/L	0.00011	-0.0163	mg/L	0.00011	0.67%
Se 196.026*†	-8.6	-0.0056	mg/L	0.00940	-0.0056	mg/L	0.00940	168.41%
Mo 202.031*†	-59.7	-0.0083	mg/L	0.00082	-0.0083	mg/L	0.00082	9.97%
Zn 202.548	-271.9	-0.0077	mg/L	0.00023	-0.0077	mg/L	0.00023	2.99%
Mo 203.845	0.5	0.0001	mg/L	0.00179	0.0001	mg/L	0.00179	>999.9%
Se 203.985	-46.6	-0.0317	mg/L	0.00053	-0.0317	mg/L	0.00053	1.66%
Zn 206.200*†	115.5	0.0032	mg/L	0.00021	0.0032	mg/L	0.00021	6.65%
Sb 206.836	-18.0	-0.0129	mg/L	0.00531	-0.0129	mg/L	0.00531	41.30%
Sb	-17.8	0.0374	mg/L	0.00314	0.0374	mg/L	0.00314	8.40%
P 213.617*†	-17.7	-0.0045	mg/L	0.00031	-0.0045	mg/L	0.00031	6.92%
Zn 213.857*†	1025.2	0.0179	mg/L	0.00016	0.0179	mg/L	0.00016	0.87%
P 214.914	125.1	0.0431	mg/L	0.00211	0.0431	mg/L	0.00211	4.90%
Pb 217.000	147.4	0.2451	mg/L	0.00022	0.2451	mg/L	0.00022	0.09%
Sb 217.582*†	44.2	0.0134	mg/L	0.00114	0.0134	mg/L	0.00114	8.56%
Pb 220.353*†	-4.3	-0.0005	mg/L	0.00119	-0.0005	mg/L	0.00119	231.61%
Bi 223.061*†	38.2	0.009	mg/L	0.0008	0.009	mg/L	0.0008	9.42%
Cd 226.502*†	-4.8	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	103.58%
Co 228.616*†	82.5	0.0025	mg/L	0.00016	0.0025	mg/L	0.00016	6.25%
Cd 228.802	-52.8	-0.0013	mg/L	0.00014	-0.0013	mg/L	0.00014	11.22%
Co 230.786	11.7	0.0005	mg/L	0.00012	0.0005	mg/L	0.00012	26.75%
Ni 231.604*†	20.1	0.0006	mg/L	0.00027	0.0006	mg/L	0.00027	44.61%
Ni 232.003	10.1	0.0008	mg/L	0.00086	0.0008	mg/L	0.00086	111.34%
Ba 233.527*†	9.6	0.0001	mg/L	0.00011	0.0001	mg/L	0.00011	129.04%
Fe 239.562	337368.5	97.59	mg/L	0.946	97.59	mg/L	0.946	0.97%
Sn 242.170	392.9	0.0937	mg/L	0.00824	0.0937	mg/L	0.00824	8.79%
B 249.677*†	851.0	0.0051	mg/L	0.00155	0.0051	mg/L	0.00155	30.18%
B 249.772	26230.3	1.758	mg/L	0.0016	1.758	mg/L	0.0016	0.09%
Si 251.611*†	-1026.1	-0.0104	mg/L	0.00618	-0.0104	mg/L	0.00618	59.48%
Mn 257.610*†	-838.1	-0.0122	mg/L	0.00013	-0.0122	mg/L	0.00013	1.04%
Mn 259.372	34724.9	0.1352	mg/L	0.00026	0.1352	mg/L	0.00026	0.19%
Fe 259.939	644765.6	98.62	mg/L	0.729	98.62	mg/L	0.729	0.74%
Cr 267.716*†	704.8	0.0108	mg/L	0.00018	0.0108	mg/L	0.00018	1.63%
Fe 273.955*†	1451059.1	97.40	mg/L	0.846	97.40	mg/L	0.846	0.87%
Mg 279.077*†	395599.4	58.18	mg/L	0.417	58.18	mg/L	0.417	0.72%
Mg 280.271	6479977.0	55.14	mg/L	0.231	55.14	mg/L	0.231	0.42%
Si 288.158	-75.3	-0.0128	mg/L	0.00505	-0.0128	mg/L	0.00505	39.51%
V 292.402*†	-371.3	-0.0107	mg/L	0.00103	-0.0107	mg/L	0.00103	9.61%
Al 308.215*†	342134.5	24.10	mg/L	0.303	24.10	mg/L	0.303	1.26%
V 310.230	281.1	0.0035	mg/L	0.00041	0.0035	mg/L	0.00041	11.73%
Be 313.042*†	311.1	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	5.11%
Be 313.107	316.9	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	9.93%
Ca 317.933*†	831601.4	120.9	mg/L	1.27	120.9	mg/L	1.27	1.05%
Cu 324.752*†	-466.7	-0.0037	mg/L	0.00024	-0.0037	mg/L	0.00024	6.40%
Cu 327.393	-105.0	-0.0016	mg/L	0.00038	-0.0016	mg/L	0.00038	24.37%
Ag 328.068*†	233.6	-0.0009	mg/L	0.00025	-0.0009	mg/L	0.00025	27.12%

Ti 334.940	-248.0	-0.0007 mg/L	0.00016	-0.0007 mg/L	0.00016	23.26%
Ti 336.121*†	-104.1	-0.0003 mg/L	0.00001	-0.0003 mg/L	0.00001	3.03%
Ag 338.289	-76.0	-0.0009 mg/L	0.00042	-0.0009 mg/L	0.00042	49.43%
Tl 351.924	205.9	0.0420 mg/L	0.00372	0.0420 mg/L	0.00372	8.88%
Cr 357.869	-80.8	0.0057 mg/L	0.00026	0.0057 mg/L	0.00026	4.56%
Al 396.153	2264855.4	23.91 mg/L	0.372	23.91 mg/L	0.372	1.56%
Sr 407.771*†	2073.8	0.0009 mg/L	0.00003	0.0009 mg/L	0.00003	3.93%
Sr 421.552	936.1	0.0009 mg/L	0.00007	0.0009 mg/L	0.00007	7.84%
Ca 422.673	1704348.7	119.9 mg/L	0.40	119.9 mg/L	0.40	0.33%
Ba 455.403	84.3	0.0003 mg/L	0.00007	0.0003 mg/L	0.00007	22.12%
Li 460.286	4922.7	0.6742 mg/L	0.01889	0.6742 mg/L	0.01889	2.80%
Sr 460.733	433.4	0.0027 mg/L	0.00035	0.0027 mg/L	0.00035	13.20%
Na 588.995	207029.0	19.27 mg/L	0.222	19.27 mg/L	0.222	1.15%
Na 589.592*†	166758.1	19.77 mg/L	0.291	19.77 mg/L	0.291	1.47%
Li 610.362*†	-11621.2	-0.0414 mg/L	0.00088	-0.0414 mg/L	0.00088	2.12%
K 766.490*	140.5	0.0549 mg/L	0.02896	0.0549 mg/L	0.02896	52.75%

Sequence No.: 9
Sample ID: CCV-1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 7/26/06 10:00:47 AM

Sample Prep Volume:
Data Type: Original

Mean Data: CCV-1

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 324.227	213572.7	5.207	mg/L	0.0739				1.42%
Ho 339.898	38941.6	4.972	mg/L	0.0955				1.92%
Ho 345.600	70120.9	5.013	mg/L	0.0700				1.40%
Ho 347.426	25482.5	5.013	mg/L	0.0606				1.21%
Tb 350.917	27365.7	5.181	mg/L	0.0770				1.49%
Y 371.029	527509.5	5.007	mg/L	0.0634				1.27%
Tb 384.873	23116.5	4.898	mg/L	0.1070				2.18%
S 180.669	131.1	0.750	mg/L	0.0311	0.750	mg/L	0.0311	4.15%
S 181.975*†	22.3	0.148	mg/L	0.0336	0.148	mg/L	0.0336	22.70%
S 182.563	-399.2	-5.13	mg/L	0.186	-5.13	mg/L	0.186	3.62%
As 188.979†	6167.2	3.747	mg/L	0.0432	3.747	mg/L	0.0432	1.15%
QC value within limits for As 188.979 Recovery = 99.91%								
Sn 189.927*†	4771.4	3.061	mg/L	0.0358	3.061	mg/L	0.0358	1.17%
QC value within limits for Sn 189.927* Recovery = 102.05%								
Bi 190.171	9.5	0.016	mg/L	0.0026	0.016	mg/L	0.0026	16.60%
Tl 190.801*†	2335.0	1.481	mg/L	0.0182	1.481	mg/L	0.0182	1.23%
QC value within limits for Tl 190.801* Recovery = 98.73%								
Tl	1961.3	1.501	mg/L	0.0027	1.501	mg/L	0.0027	0.18%
As 193.696*†	6219.9	3.739	mg/L	0.0598	3.739	mg/L	0.0598	1.60%
QC value within limits for As 193.696* Recovery = 99.70%								
Se 196.026*†	2302.2	1.485	mg/L	0.0161	1.485	mg/L	0.0161	1.08%
QC value within limits for Se 196.026* Recovery = 99.00%								
Mo 202.031*†	3224.9	0.6024	mg/L	0.00743	0.6024	mg/L	0.00743	1.23%
QC value within limits for Mo 202.031* Recovery = 100.40%								
Zn 202.548	92255.1	2.600	mg/L	0.0184	2.600	mg/L	0.0184	0.71%
Mo 203.845	3832.3	0.6087	mg/L	0.00130	0.6087	mg/L	0.00130	0.21%
Se 203.985	2210.1	1.503	mg/L	0.0032	1.503	mg/L	0.0032	0.21%
Sb 206.836	6460.4	4.616	mg/L	0.0124	4.616	mg/L	0.0124	0.27%
Sb	4928.5	4.665	mg/L	0.0119	4.665	mg/L	0.0119	0.26%
P 213.617*†	15938.4	6.083	mg/L	0.0373	6.083	mg/L	0.0373	0.61%
QC value within limits for P 213.617* Recovery = 101.39%								
Zn 213.857*†	146073.4	2.525	mg/L	0.0110	2.525	mg/L	0.0110	0.43%
QC value within limits for Zn 213.857* Recovery = 100.99%								
P 214.914	17233.7	5.933	mg/L	0.1013	5.933	mg/L	0.1013	1.71%
Pb 217.000	4016.4	3.803	mg/L	0.0167	3.803	mg/L	0.0167	0.44%
Sb 217.582*†	15144.4	4.578	mg/L	0.0385	4.578	mg/L	0.0385	0.84%
QC value within limits for Sb 217.582* Recovery = 101.74%								
Pb 220.353*†	31875.4	3.790	mg/L	0.0249	3.790	mg/L	0.0249	0.66%
QC value within limits for Pb 220.353* Recovery = 101.08%								
Bi 223.061*†	-141.8	-0.032	mg/L	0.0018	-0.032	mg/L	0.0018	5.64%
Cd 226.502*†	98201.0	0.7717	mg/L	0.00499	0.7717	mg/L	0.00499	0.65%
QC value within limits for Cd 226.502* Recovery = 102.90%								
Co 228.616*†	61696.9	1.898	mg/L	0.0133	1.898	mg/L	0.0133	0.70%
QC value within limits for Co 228.616* Recovery = 101.23%								
Cd 228.802	31204.7	0.7609	mg/L	0.00741	0.7609	mg/L	0.00741	0.97%
Co 230.786	49722.7	1.930	mg/L	0.0156	1.930	mg/L	0.0156	0.81%
Ni 231.604*†	19884.9	0.6081	mg/L	0.00495	0.6081	mg/L	0.00495	0.81%
QC value within limits for Ni 231.604* Recovery = 101.34%								
Ni 232.003	7856.9	0.5989	mg/L	0.00608	0.5989	mg/L	0.00608	1.02%
Ba 233.527*†	860901.3	7.524	mg/L	0.0306	7.524	mg/L	0.0306	0.41%
QC value within limits for Ba 233.527* Recovery = 100.32%								
Fe 239.562	12914.2	3.735	mg/L	0.0146	3.735	mg/L	0.0146	0.39%
Sn 242.170	12447.9	2.970	mg/L	0.0194	2.970	mg/L	0.0194	0.65%
B 249.677*†	96643.1	3.755	mg/L	0.0154	3.755	mg/L	0.0154	0.41%
QC value within limits for B 249.677* Recovery = 100.14%								
B 249.772	65564.5	3.775	mg/L	0.0650	3.775	mg/L	0.0650	1.72%
Si 251.611*†	80919.9	6.276	mg/L	0.0399	6.276	mg/L	0.0399	0.64%
QC value within limits for Si 251.611* Recovery = 104.59%								
Mn 257.610*†	206506.3	0.7762	mg/L	0.00408	0.7762	mg/L	0.00408	0.53%
QC value within limits for Mn 257.610* Recovery = 103.49%								

Mn 259.372	191791.0	0.7469	mg/L	0.00685	0.7469	mg/L	0.00685	0.92%
Fe 259.939	25096.3	3.839	mg/L	0.0209	3.839	mg/L	0.0209	0.54%
Cr 267.716*†	58046.8	0.6103	mg/L	0.00426	0.6103	mg/L	0.00426	0.70%
QC value within limits for Cr 267.716* Recovery = 101.72%								
Fe 273.955*†	56340.1	3.786	mg/L	0.0223	3.786	mg/L	0.0223	0.59%
QC value within limits for Fe 273.955* Recovery = 100.97%								
Mg 279.077*†	53194.9	7.823	mg/L	0.0711	7.823	mg/L	0.0711	0.91%
QC value within limits for Mg 279.077* Recovery = 104.31%								
Mg 280.271	894920.0	7.614	mg/L	0.0128	7.614	mg/L	0.0128	0.17%
Si 288.158	36881.5	6.263	mg/L	0.0674	6.263	mg/L	0.0674	1.08%
V 292.402*†	44303.2	1.903	mg/L	0.0119	1.903	mg/L	0.0119	0.63%
QC value within limits for V 292.402* Recovery = 101.49%								
Al 308.215*†	190967.9	13.45	mg/L	0.061	13.45	mg/L	0.061	0.45%
QC value within limits for Al 308.215* Recovery = 99.60%								
V 310.230	157796.9	1.962	mg/L	0.0195	1.962	mg/L	0.0195	1.00%
Be 313.042*†	1313580.5	0.5551	mg/L	0.00349	0.5551	mg/L	0.00349	0.63%
QC value within limits for Be 313.042* Recovery = 98.68%								
Be 313.107	1704037.4	0.5642	mg/L	0.00496	0.5642	mg/L	0.00496	0.88%
Ca 317.933*†	205396.0	29.87	mg/L	0.593	29.87	mg/L	0.593	1.99%
QC value within limits for Ca 317.933* Recovery = 99.58%								
Cu 324.752*†	114570.5	0.9158	mg/L	0.00392	0.9158	mg/L	0.00392	0.43%
QC value within limits for Cu 324.752* Recovery = 97.69%								
Cu 327.393	61649.6	0.9309	mg/L	0.00968	0.9309	mg/L	0.00968	1.04%
Ag 328.068*†	68692.7	0.3793	mg/L	0.00288	0.3793	mg/L	0.00288	0.76%
QC value within limits for Ag 328.068* Recovery = 101.15%								
Ti 334.940	213874.6	0.5969	mg/L	0.00581	0.5969	mg/L	0.00581	0.97%
Ti 336.121*†	245782.1	0.5969	mg/L	0.00237	0.5969	mg/L	0.00237	0.40%
QC value within limits for Ti 336.121* Recovery = 99.48%								
Ag 338.289	33730.6	0.3805	mg/L	0.00233	0.3805	mg/L	0.00233	0.61%
Tl 351.924	7171.1	1.461	mg/L	0.0291	1.461	mg/L	0.0291	1.99%
Cr 357.869	29027.7	0.5834	mg/L	0.00675	0.5834	mg/L	0.00675	1.16%
Al 396.153	1276248.9	13.48	mg/L	0.105	13.48	mg/L	0.105	0.78%
Sr 407.771*†	390912.2	0.2919	mg/L	0.00360	0.2919	mg/L	0.00360	1.23%
QC value within limits for Sr 407.771* Recovery = 97.29%								
Sr 421.552	160293.8	0.2990	mg/L	0.00069	0.2990	mg/L	0.00069	0.23%
Ca 422.673	426958.2	30.03	mg/L	0.046	30.03	mg/L	0.046	0.15%
Ba 455.403	1165717.4	7.191	mg/L	0.0131	7.191	mg/L	0.0131	0.18%
Li 460.286	21284.2	2.915	mg/L	0.0162	2.915	mg/L	0.0162	0.56%
Sr 460.733	103827.1	0.2741	mg/L	0.00154	0.2741	mg/L	0.00154	0.56%
Na 588.995	367791.0	34.23	mg/L	0.061	34.23	mg/L	0.061	0.18%
Na 589.592*†	293539.4	34.80	mg/L	0.518	34.80	mg/L	0.518	1.49%
QC value within limits for Na 589.592* Recovery = 96.66%								
Li 610.362*†	802958.3	2.858	mg/L	0.0152	2.858	mg/L	0.0152	0.53%
QC value within limits for Li 610.362* Recovery = 95.27%								
K 766.490*	69079.6	26.99	mg/L	0.072	26.99	mg/L	0.072	0.27%
QC value within limits for K 766.490* Recovery = 99.97%								

All analytes passed QC.

Sequence No.: 11
Sample ID: CCB-2
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/26/06 10:09:13 AM

Sample Prep Volume:
Data Type: Original

Mean Data: CCB-2

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	203349.7	4.958	mg/L	0.0347				0.70%
Ho 339.898	38820.2	4.957	mg/L	0.0852				1.72%
Ho 345.600	69621.3	4.977	mg/L	0.0787				1.58%
Ho 347.426	25100.8	4.938	mg/L	0.0759				1.54%
Tb 350.917	26487.2	5.014	mg/L	0.0983				1.96%
Y 371.029	519766.0	4.933	mg/L	0.0378				0.77%
Tb 384.873	23156.0	4.907	mg/L	0.0793				1.62%
S 180.669	-3.0	-0.017	mg/L	0.0107	-0.017	mg/L	0.0107	62.50%
S 181.975*†	-0.5	-0.003	mg/L	0.0141	-0.003	mg/L	0.0141	448.89%
S 182.563	-4.4	-0.057	mg/L	0.0553	-0.057	mg/L	0.0553	97.05%
As 188.979†	-0.8	-0.0005	mg/L	0.00268	-0.0005	mg/L	0.00268	572.83%
QC value within limits for As 188.979 Recovery = Not calculated								
Sn 189.927*†	3.8	0.0025	mg/L	0.00063	0.0025	mg/L	0.00063	25.85%
Bi 190.171	12.9	0.021	mg/L	0.0043	0.021	mg/L	0.0043	20.15%
Tl 190.801*†	8.9	0.0056	mg/L	0.00022	0.0056	mg/L	0.00022	3.98%
Tl	6.3	0.0048	mg/L	0.00038	0.0048	mg/L	0.00038	7.79%
As 193.696*†	3.7	0.0022	mg/L	0.00260	0.0022	mg/L	0.00260	118.49%
Se 196.026*†	-3.1	-0.0020	mg/L	0.00357	-0.0020	mg/L	0.00357	179.86%
Mo 202.031*†	4.8	0.0009	mg/L	0.00008	0.0009	mg/L	0.00008	9.09%
Zn 202.548	4.6	0.0001	mg/L	0.00012	0.0001	mg/L	0.00012	92.61%
Mo 203.845	-8.7	-0.0014	mg/L	0.00055	-0.0014	mg/L	0.00055	39.54%
Se 203.985	-11.5	-0.0078	mg/L	0.00817	-0.0078	mg/L	0.00817	104.47%
Sb 206.836	4.2	0.0030	mg/L	0.00337	0.0030	mg/L	0.00337	111.40%
Sb	2.1	0.0020	mg/L	0.00307	0.0020	mg/L	0.00307	155.82%
P 213.617*†	-12.9	-0.0049	mg/L	0.00183	-0.0049	mg/L	0.00183	37.14%
Zn 213.857*†	8.9	0.0002	mg/L	0.00004	0.0002	mg/L	0.00004	25.60%
P 214.914	1.9	0.0006	mg/L	0.00395	0.0006	mg/L	0.00395	618.59%
Pb 217.000	-1.8	-0.0017	mg/L	0.00071	-0.0017	mg/L	0.00071	41.80%
Sb 217.582*†	3.6	0.0011	mg/L	0.00175	0.0011	mg/L	0.00175	159.16%
Pb 220.353*†	5.2	0.0006	mg/L	0.00082	0.0006	mg/L	0.00082	132.13%
Bi 223.061*†	72.6	0.017	mg/L	0.0015	0.017	mg/L	0.0015	9.27%
Cd 226.502*†	10.8	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	67.07%
Co 228.616*†	10.2	0.0003	mg/L	0.00006	0.0003	mg/L	0.00006	19.15%
Cd 228.802	4.4	0.0001	mg/L	0.00012	0.0001	mg/L	0.00012	115.05%
Co 230.786	3.6	0.0001	mg/L	0.00033	0.0001	mg/L	0.00033	236.35%
Ni 231.604*†	8.4	0.0003	mg/L	0.00011	0.0003	mg/L	0.00011	41.96%
Ni 232.003	4.3	0.0003	mg/L	0.00011	0.0003	mg/L	0.00011	33.94%
Ba 233.527*†	15.6	0.0001	mg/L	0.00013	0.0001	mg/L	0.00013	95.68%
Fe 239.562	-48.5	-0.0140	mg/L	0.00221	-0.0140	mg/L	0.00221	15.78%
Sn 242.170	-70.2	-0.0167	mg/L	0.00637	-0.0167	mg/L	0.00637	38.02%
B 249.677*†	933.7	0.0363	mg/L	0.00080	0.0363	mg/L	0.00080	2.19%
B 249.772	601.4	0.0345	mg/L	0.00135	0.0345	mg/L	0.00135	3.91%
Si 251.611*†	61.2	0.0047	mg/L	0.00347	0.0047	mg/L	0.00347	73.33%
Mn 257.610*†	-126.4	-0.0005	mg/L	0.00020	-0.0005	mg/L	0.00020	41.51%
Mn 259.372	-110.5	-0.0004	mg/L	0.00005	-0.0004	mg/L	0.00005	10.90%
Fe 259.939	-75.0	-0.0115	mg/L	0.00106	-0.0115	mg/L	0.00106	9.23%
Cr 267.716*†	8.8	0.0001	mg/L	0.00020	0.0001	mg/L	0.00020	213.17%
Fe 273.955*†	-160.2	-0.0108	mg/L	0.00040	-0.0108	mg/L	0.00040	3.69%
Mg 279.077*†	44.5	0.0065	mg/L	0.00344	0.0065	mg/L	0.00344	52.61%
Mg 280.271	-3.9	0.0000	mg/L	0.00013	0.0000	mg/L	0.00013	373.50%
Si 288.158	-17.1	-0.0029	mg/L	0.00290	-0.0029	mg/L	0.00290	100.00%
V 292.402*†	-14.2	-0.0006	mg/L	0.00161	-0.0006	mg/L	0.00161	263.84%
Al 308.215*†	-113.7	-0.0080	mg/L	0.00538	-0.0080	mg/L	0.00538	67.22%
V 310.230	861.9	0.0107	mg/L	0.00179	0.0107	mg/L	0.00179	16.67%
Be 313.042*†	324.1	0.0001	mg/L	0.00000	0.0001	mg/L	0.00000	3.10%
Be 313.107	-53.7	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	102.72%
Ca 317.933*†	3.7	0.0005	mg/L	0.00523	0.0005	mg/L	0.00523	961.33%
Cu 324.752*†	161.9	0.0013	mg/L	0.00006	0.0013	mg/L	0.00006	4.29%
Cu 327.393	65.0	0.0010	mg/L	0.00000	0.0010	mg/L	0.00000	0.45%

Ag 328.068*†	47.2	0.0003 mg/L	0.00008	0.0003 mg/L	0.00008	32.22%
Ti 334.940	33.4	0.0001 mg/L	0.00027	0.0001 mg/L	0.00027	284.56%
Ti 336.121*†	78.4	0.0002 mg/L	0.00025	0.0002 mg/L	0.00025	129.51%
Ag 338.289	-22.6	-0.0003 mg/L	0.00007	-0.0003 mg/L	0.00007	28.53%
Tl 351.924	14.2	0.0029 mg/L	0.00384	0.0029 mg/L	0.00384	133.03%
Cr 357.869	-27.4	-0.0005 mg/L	0.00051	-0.0005 mg/L	0.00051	93.29%
Al 396.153	134.5	0.0014 mg/L	0.00007	0.0014 mg/L	0.00007	5.10%
Sr 407.771*†	-5.7	0.0000 mg/L	0.00002	0.0000 mg/L	0.00002	375.29%
Sr 421.552	44.6	0.0001 mg/L	0.00013	0.0001 mg/L	0.00013	155.26%
Ca 422.673	-94.7	-0.0067 mg/L	0.00469	-0.0067 mg/L	0.00469	70.36%
Ba 455.403	42.0	0.0003 mg/L	0.00018	0.0003 mg/L	0.00018	70.69%
Li 460.286	-297.0	-0.0407 mg/L	0.00177	-0.0407 mg/L	0.00177	4.36%
Sr 460.733	466.4	0.0012 mg/L	0.00027	0.0012 mg/L	0.00027	22.27%
Na 588.995	3649.7	0.3397 mg/L	0.01104	0.3397 mg/L	0.01104	3.25%
Na 589.592*†	2744.5	0.3254 mg/L	0.03688	0.3254 mg/L	0.03688	11.33%
Li 610.362*†	1225.4	0.0044 mg/L	0.00357	0.0044 mg/L	0.00357	81.93%
K 766.490*	-27.3	-0.0107 mg/L	0.03229	-0.0107 mg/L	0.03229	302.44%

All analytes passed QC.

Sequence No.: 1
Sample ID: ICV_Si
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 24
Date Collected: 7/26/06 10:10:50 AM

Sample Prep Volume:
Data Type: Original

Mean Data: ICV_Si

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	211480.4	5.156	mg/L	0.0207				0.40%
Ho 339.898	39262.0	5.013	mg/L	0.0262				0.52%
Ho 345.600	69719.0	4.984	mg/L	0.0183				0.37%
Ho 347.426	25117.9	4.941	mg/L	0.0177				0.36%
Tb 350.917	26838.7	5.081	mg/L	0.0006				0.01%
Y 371.029	520270.5	4.938	mg/L	0.1060				2.15%
Tb 384.873	23122.9	4.900	mg/L	0.0067				0.14%
As 188.979†	-1.1	-0.0006	mg/L	0.00201	-0.0006	mg/L	0.00201	313.96%
Sn 189.927*†	-0.3	-0.0002	mg/L	0.00072	-0.0002	mg/L	0.00072	404.09%
Tl 190.801*†	3.3	0.0021	mg/L	0.00133	0.0021	mg/L	0.00133	63.23%
Tl	1.9	0.0015	mg/L	0.00108	0.0015	mg/L	0.00108	72.46%
As 193.696*†	3.6	0.0022	mg/L	0.00094	0.0022	mg/L	0.00094	43.42%
Se 196.026*†	1.5	0.0010	mg/L	0.00302	0.0010	mg/L	0.00302	310.09%
Mo 202.031*†	6.2	0.0012	mg/L	0.00047	0.0012	mg/L	0.00047	40.52%
Zn 202.548	13.4	0.0004	mg/L	0.00001	0.0004	mg/L	0.00001	2.03%
Mo 203.845	4.1	0.0006	mg/L	0.00138	0.0006	mg/L	0.00138	214.66%
Se 203.985	-11.0	-0.0075	mg/L	0.00075	-0.0075	mg/L	0.00075	10.05%
Sb 206.836	-6.2	-0.0045	mg/L	0.00116	-0.0045	mg/L	0.00116	25.93%
Sb	-1.9	-0.0017	mg/L	0.00099	-0.0017	mg/L	0.00099	56.94%
P 213.617*†	-17.0	-0.0065	mg/L	0.00018	-0.0065	mg/L	0.00018	2.75%
Zn 213.857*†	36.1	0.0006	mg/L	0.00002	0.0006	mg/L	0.00002	3.84%
P 214.914	-4.0	-0.0014	mg/L	0.00581	-0.0014	mg/L	0.00581	418.83%
Pb 217.000	1.1	0.0010	mg/L	0.00412	0.0010	mg/L	0.00412	401.44%
Sb 217.582*†	4.7	0.0014	mg/L	0.00052	0.0014	mg/L	0.00052	36.29%
Pb 220.353*†	2.0	0.0002	mg/L	0.00085	0.0002	mg/L	0.00085	362.83%
Cd 226.502*†	1.1	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	235.04%
Co 228.616*†	-0.6	0.0000	mg/L	0.00009	0.0000	mg/L	0.00009	512.02%
Cd 228.802	1.7	0.0000	mg/L	0.00016	0.0000	mg/L	0.00016	385.40%
Co 230.786	-7.5	-0.0003	mg/L	0.00005	-0.0003	mg/L	0.00005	18.65%
Ni 231.604*†	3.2	0.0001	mg/L	0.00005	0.0001	mg/L	0.00005	51.16%
Ni 232.003	1.7	0.0001	mg/L	0.00021	0.0001	mg/L	0.00021	155.55%
Ba 233.527*†	-1.4	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	34.00%
Fe 239.562	-55.6	-0.0161	mg/L	0.00095	-0.0161	mg/L	0.00095	5.93%
Sn 242.170	-64.5	-0.0154	mg/L	0.00679	-0.0154	mg/L	0.00679	44.12%
B 249.677*†	1233.4	0.0480	mg/L	0.00039	0.0480	mg/L	0.00039	0.81%
B 249.772	731.1	0.0420	mg/L	0.00091	0.0420	mg/L	0.00091	2.17%
Si 251.611*†	132055.1	10.24	mg/L	0.020	10.24	mg/L	0.020	0.20%
Mn 257.610*†	109.1	0.0004	mg/L	0.00008	0.0004	mg/L	0.00008	18.57%
Mn 259.372	105.7	0.0004	mg/L	0.00003	0.0004	mg/L	0.00003	6.84%
Fe 259.939	-86.3	-0.0132	mg/L	0.00006	-0.0132	mg/L	0.00006	0.49%
Cr 267.716*†	23.2	0.0002	mg/L	0.00012	0.0002	mg/L	0.00012	47.08%
Fe 273.955*†	-192.1	-0.0129	mg/L	0.00018	-0.0129	mg/L	0.00018	1.41%
Mg 279.077*†	-4.8	-0.0007	mg/L	0.00069	-0.0007	mg/L	0.00069	97.26%
Mg 280.271	-423.5	-0.0036	mg/L	0.00066	-0.0036	mg/L	0.00066	18.18%
Si 288.158	59203.2	10.05	mg/L	0.033	10.05	mg/L	0.033	0.33%
V 292.402*†	34.3	0.0015	mg/L	0.00025	0.0015	mg/L	0.00025	16.75%
Al 308.215*†	-183.2	-0.0129	mg/L	0.00304	-0.0129	mg/L	0.00304	23.53%
V 310.230	1485.7	0.0185	mg/L	0.00012	0.0185	mg/L	0.00012	0.68%
Be 313.042*†	369.8	0.0002	mg/L	0.00001	0.0002	mg/L	0.00001	4.42%
Be 313.107	-10.4	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	190.85%
Ca 317.933*†	281.5	0.0409	mg/L	0.00153	0.0409	mg/L	0.00153	3.73%
Cu 324.752*†	34.0	0.0003	mg/L	0.00035	0.0003	mg/L	0.00035	127.80%
Cu 327.393	12.6	0.0002	mg/L	0.00047	0.0002	mg/L	0.00047	244.48%
Ag 328.068*†	-11.2	-0.0001	mg/L	0.00001	-0.0001	mg/L	0.00001	14.67%
Ti 334.940	217.2	0.0006	mg/L	0.00016	0.0006	mg/L	0.00016	26.09%
Ti 336.121*†	31.9	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	19.16%
Ag 338.289	1.5	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	373.99%
Tl 351.924	15.7	0.0032	mg/L	0.00220	0.0032	mg/L	0.00220	68.73%
Cr 357.869	-25.0	-0.0005	mg/L	0.00006	-0.0005	mg/L	0.00006	11.35%
Al 396.153	248.0	0.0026	mg/L	0.00033	0.0026	mg/L	0.00033	12.51%

Sr 407.771*†	-8.0	0.0000 mg/L	0.00001	0.0000 mg/L	0.00001	244.29%
Sr 421.552	28.2	0.0001 mg/L	0.00008	0.0001 mg/L	0.00008	149.56%
Ca 422.673	354.5	0.0249 mg/L	0.00070	0.0249 mg/L	0.00070	2.82%
Ba 455.403	-51.7	-0.0003 mg/L	0.00018	-0.0003 mg/L	0.00018	57.44%
Li 460.286	-504.6	-0.0691 mg/L	0.00955	-0.0691 mg/L	0.00955	13.82%
Sr 460.733	681.7	0.0018 mg/L	0.00002	0.0018 mg/L	0.00002	0.90%
Na 588.995	4031.3	0.3752 mg/L	0.00498	0.3752 mg/L	0.00498	1.33%
Na 589.592*†	2530.0	0.2999 mg/L	0.02209	0.2999 mg/L	0.02209	7.37%
Li 610.362*†	1577.9	0.0056 mg/L	0.00113	0.0056 mg/L	0.00113	20.18%
K 766.490*	86.8	0.0339 mg/L	0.00305	0.0339 mg/L	0.00305	8.99%

Sequence No.: 2
Sample ID: 060724b03
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 25
Date Collected: 7/26/06 10:13:27 AM

Sample Prep Volume:
Data Type: Original

Mean Data: 060724b03

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	206868.6	5.043	mg/L	0.0106				0.21%
Ho 339.898	38335.6	4.895	mg/L	0.0375				0.77%
Ho 345.600	68153.0	4.872	mg/L	0.0289				0.59%
Ho 347.426	24642.6	4.847	mg/L	0.0031				0.06%
Tb 350.917	26243.4	4.968	mg/L	0.0195				0.39%
Y 371.029	515825.7	4.896	mg/L	0.0137				0.28%
Tb 384.873	22710.0	4.812	mg/L	0.0124				0.26%
As 188.979†	-0.9	-0.0005	mg/L	0.00062	-0.0005	mg/L	0.00062	113.49%
Sn 189.927*†	4.1	0.0026	mg/L	0.00113	0.0026	mg/L	0.00113	43.17%
Tl 190.801*†	1.8	0.0011	mg/L	0.00169	0.0011	mg/L	0.00169	151.80%
Tl	1.7	0.0013	mg/L	0.00029	0.0013	mg/L	0.00029	22.87%
As 193.696*†	-1.4	-0.0008	mg/L	0.00115	-0.0008	mg/L	0.00115	138.06%
Se 196.026*†	-5.9	-0.0038	mg/L	0.00142	-0.0038	mg/L	0.00142	37.51%
Mo 202.031*†	-1.2	-0.0002	mg/L	0.00036	-0.0002	mg/L	0.00036	157.76%
Zn 202.548	-71.2	-0.0020	mg/L	0.00011	-0.0020	mg/L	0.00011	5.28%
Mo 203.845	-3.5	-0.0006	mg/L	0.00003	-0.0006	mg/L	0.00003	4.62%
Se 203.985	4.0	0.0027	mg/L	0.00057	0.0027	mg/L	0.00057	20.87%
Sb 206.836	2.7	0.0019	mg/L	0.00119	0.0019	mg/L	0.00119	62.72%
Sb	0.9	0.0008	mg/L	0.00183	0.0008	mg/L	0.00183	223.54%
P 213.617*†	-10.5	-0.0040	mg/L	0.00193	-0.0040	mg/L	0.00193	48.25%
Zn 213.857*†	-109.1	-0.0019	mg/L	0.00008	-0.0019	mg/L	0.00008	4.27%
P 214.914	-11.0	-0.0038	mg/L	0.00224	-0.0038	mg/L	0.00224	58.86%
Pb 217.000	0.8	0.0008	mg/L	0.00171	0.0008	mg/L	0.00171	226.92%
Sb 217.582*†	1.6	0.0005	mg/L	0.00006	0.0005	mg/L	0.00006	12.58%
Pb 220.353*†	-0.6	-0.0001	mg/L	0.00078	-0.0001	mg/L	0.00078	>999.9%
Cd 226.502*†	-6.7	-0.0001	mg/L	0.00003	-0.0001	mg/L	0.00003	57.05%
Co 228.616*†	5.5	0.0002	mg/L	0.00023	0.0002	mg/L	0.00023	137.17%
Cd 228.802	6.9	0.0002	mg/L	0.00007	0.0002	mg/L	0.00007	41.27%
Co 230.786	11.2	0.0004	mg/L	0.00023	0.0004	mg/L	0.00023	53.85%
Ni 231.604*†	7.7	0.0002	mg/L	0.00023	0.0002	mg/L	0.00023	97.72%
Ni 232.003	5.5	0.0004	mg/L	0.00004	0.0004	mg/L	0.00004	9.17%
Ba 233.527*†	-3.6	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	20.27%
Fe 239.562	-49.5	-0.0143	mg/L	0.00138	-0.0143	mg/L	0.00138	9.63%
Sn 242.170	-27.6	-0.0066	mg/L	0.00318	-0.0066	mg/L	0.00318	48.20%
B 249.677*†	680.3	0.0265	mg/L	0.00014	0.0265	mg/L	0.00014	0.52%
B 249.772	398.7	0.0229	mg/L	0.00082	0.0229	mg/L	0.00082	3.57%
Si 251.611*†	105.9	0.0082	mg/L	0.00102	0.0082	mg/L	0.00102	12.43%
Mn 257.610*†	-178.8	-0.0007	mg/L	0.00008	-0.0007	mg/L	0.00008	12.03%
Mn 259.372	-111.7	-0.0004	mg/L	0.00002	-0.0004	mg/L	0.00002	3.46%
Fe 259.939	-89.8	-0.0137	mg/L	0.00062	-0.0137	mg/L	0.00062	4.55%
Cr 267.716*†	68.2	0.0007	mg/L	0.00028	0.0007	mg/L	0.00028	39.70%
Fe 273.955*†	-193.5	-0.0130	mg/L	0.00067	-0.0130	mg/L	0.00067	5.19%
Mg 279.077*†	-1.9	-0.0003	mg/L	0.00175	-0.0003	mg/L	0.00175	626.81%
Mg 280.271	-589.4	-0.0050	mg/L	0.00020	-0.0050	mg/L	0.00020	4.02%
Si 288.158	40.6	0.0069	mg/L	0.00140	0.0069	mg/L	0.00140	20.34%
V 292.402*†	-12.5	-0.0005	mg/L	0.00130	-0.0005	mg/L	0.00130	242.13%
Al 308.215*†	-117.7	-0.0083	mg/L	0.00159	-0.0083	mg/L	0.00159	19.15%
V 310.230	1039.3	0.0129	mg/L	0.00354	0.0129	mg/L	0.00354	27.40%
Be 313.042*†	228.1	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	28.83%
Be 313.107	-27.9	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	563.99%
Ca 317.933*†	-27.0	-0.0039	mg/L	0.00229	-0.0039	mg/L	0.00229	58.38%
Cu 324.752*†	24.9	0.0002	mg/L	0.00022	0.0002	mg/L	0.00022	112.58%
Cu 327.393	-14.4	-0.0002	mg/L	0.00015	-0.0002	mg/L	0.00015	68.04%
Ag 328.068*†	-4.5	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	141.39%
Ti 334.940	13.6	0.0000	mg/L	0.00010	0.0000	mg/L	0.00010	262.37%
Ti 336.121*†	-5.9	0.0000	mg/L	0.00009	0.0000	mg/L	0.00009	610.60%
Ag 338.289	-61.6	-0.0007	mg/L	0.00068	-0.0007	mg/L	0.00068	98.22%
Tl 351.924	21.3	0.0043	mg/L	0.00114	0.0043	mg/L	0.00114	26.34%
Cr 357.869	-42.4	-0.0008	mg/L	0.00054	-0.0008	mg/L	0.00054	63.57%
Al 396.153	-71.5	-0.0008	mg/L	0.00011	-0.0008	mg/L	0.00011	14.99%

Sr 407.771*†	-113.4	-0.0001 mg/L	0.00006	-0.0001 mg/L	0.00006	76.05%
Sr 421.552	7.8	0.0000 mg/L	0.00008	0.0000 mg/L	0.00008	519.51%
Ca 422.673	-157.2	-0.0111 mg/L	0.00344	-0.0111 mg/L	0.00344	31.09%
Ba 455.403	-18.6	-0.0001 mg/L	0.00011	-0.0001 mg/L	0.00011	93.94%
Li 460.286	-429.9	-0.0589 mg/L	0.01553	-0.0589 mg/L	0.01553	26.38%
Sr 460.733	598.6	0.0016 mg/L	0.00013	0.0016 mg/L	0.00013	8.00%
Na 588.995	2848.0	0.2651 mg/L	0.00492	0.2651 mg/L	0.00492	1.85%
Na 589.592*†	2142.4	0.2540 mg/L	0.03445	0.2540 mg/L	0.03445	13.56%
Li 610.362*†	384.7	0.0014 mg/L	0.00012	0.0014 mg/L	0.00012	8.53%
K 766.490*	49.2	0.0192 mg/L	0.02988	0.0192 mg/L	0.02988	155.47%

Sequence No.: 3
Sample ID: 060724L03
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 26
Date Collected: 7/26/06 10:16:03 AM

Sample Prep Volume:
Data Type: Original

Mean Data: 060724L03

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	211222.3	5.150	mg/L	0.0134				0.26%
Ho 339.898	39245.9	5.011	mg/L	0.0034				0.07%
Ho 345.600	69542.4	4.972	mg/L	0.0043				0.09%
Ho 347.426	25382.7	4.993	mg/L	0.0168				0.34%
Tb 350.917	26894.8	5.092	mg/L	0.0234				0.46%
Y 371.029	530120.1	5.032	mg/L	0.0437				0.87%
Tb 384.873	23120.2	4.899	mg/L	0.0216				0.44%
As 188.979†	816.8	0.4962	mg/L	0.00123	0.4962	mg/L	0.00123	0.25%
Sn 189.927*†	793.5	0.5091	mg/L	0.00537	0.5091	mg/L	0.00537	1.05%
Tl 190.801*†	726.1	0.4605	mg/L	0.00503	0.4605	mg/L	0.00503	1.09%
Tl	596.4	0.4566	mg/L	0.00787	0.4566	mg/L	0.00787	1.72%
As 193.696*†	827.3	0.4973	mg/L	0.00457	0.4973	mg/L	0.00457	0.92%
Se 196.026*†	733.4	0.4731	mg/L	0.00685	0.4731	mg/L	0.00685	1.45%
Mo 202.031*†	2743.8	0.5119	mg/L	0.00268	0.5119	mg/L	0.00268	0.52%
Zn 202.548	19109.0	0.5385	mg/L	0.00321	0.5385	mg/L	0.00321	0.60%
Mo 203.845	3181.2	0.5053	mg/L	0.00278	0.5053	mg/L	0.00278	0.55%
Se 203.985	653.5	0.4443	mg/L	0.00217	0.4443	mg/L	0.00217	0.49%
Sb 206.836	698.3	0.4989	mg/L	0.00428	0.4989	mg/L	0.00428	0.86%
Sb	530.5	0.5185	mg/L	0.00681	0.5185	mg/L	0.00681	1.31%
P 213.617*†	1294.1	0.4980	mg/L	0.00456	0.4980	mg/L	0.00456	0.91%
Zn 213.857*†	30309.5	0.5238	mg/L	0.00004	0.5238	mg/L	0.00004	0.01%
P 214.914	1130.3	0.3891	mg/L	0.00300	0.3891	mg/L	0.00300	0.77%
Pb 217.000	516.2	0.4878	mg/L	0.00524	0.4878	mg/L	0.00524	1.07%
Sb 217.582*†	1697.9	0.5133	mg/L	0.00769	0.5133	mg/L	0.00769	1.50%
Pb 220.353*†	4350.6	0.5173	mg/L	0.00399	0.5173	mg/L	0.00399	0.77%
Cd 226.502*†	66558.7	0.5231	mg/L	0.00107	0.5231	mg/L	0.00107	0.21%
Co 228.616*†	17211.1	0.5295	mg/L	0.00150	0.5295	mg/L	0.00150	0.28%
Cd 228.802	19890.5	0.4850	mg/L	0.00015	0.4850	mg/L	0.00015	0.03%
Co 230.786	13609.6	0.5282	mg/L	0.00155	0.5282	mg/L	0.00155	0.29%
Ni 231.604*†	17437.0	0.5332	mg/L	0.00049	0.5332	mg/L	0.00049	0.09%
Ni 232.003	6844.3	0.5217	mg/L	0.00047	0.5217	mg/L	0.00047	0.09%
Ba 233.527*†	59760.0	0.5223	mg/L	0.00027	0.5223	mg/L	0.00027	0.05%
Fe 239.562	1668.8	0.4827	mg/L	0.00806	0.4827	mg/L	0.00806	1.67%
Sn 242.170	1898.8	0.4530	mg/L	0.00403	0.4530	mg/L	0.00403	0.89%
B 249.677*†	12949.0	0.5033	mg/L	0.00346	0.5033	mg/L	0.00346	0.69%
B 249.772	8650.2	0.4981	mg/L	0.00669	0.4981	mg/L	0.00669	1.34%
Si 251.611*†	7658.1	0.5940	mg/L	0.00174	0.5940	mg/L	0.00174	0.29%
Mn 257.610*†	135894.8	0.5122	mg/L	0.00048	0.5122	mg/L	0.00048	0.09%
Mn 259.372	127809.8	0.4978	mg/L	0.00142	0.4978	mg/L	0.00142	0.29%
Fe 259.939	3251.8	0.4974	mg/L	0.00766	0.4974	mg/L	0.00766	1.54%
Cr 267.716*†	49500.6	0.5196	mg/L	0.00096	0.5196	mg/L	0.00096	0.19%
Fe 273.955*†	7370.6	0.4948	mg/L	0.00058	0.4948	mg/L	0.00058	0.12%
Mg 279.077*†	3368.5	0.4954	mg/L	0.00106	0.4954	mg/L	0.00106	0.21%
Mg 280.271	56484.1	0.4806	mg/L	0.00383	0.4806	mg/L	0.00383	0.80%
Si 288.158	3326.4	0.5648	mg/L	0.00438	0.5648	mg/L	0.00438	0.78%
V 292.402*†	11614.2	0.4988	mg/L	0.00160	0.4988	mg/L	0.00160	0.32%
Al 308.215*†	6693.3	0.4697	mg/L	0.00009	0.4697	mg/L	0.00009	0.02%
V 310.230	40914.6	0.5088	mg/L	0.00147	0.5088	mg/L	0.00147	0.29%
Be 313.042*†	1169540.0	0.4942	mg/L	0.00560	0.4942	mg/L	0.00560	1.13%
Be 313.107	1491288.3	0.4937	mg/L	0.00335	0.4937	mg/L	0.00335	0.68%
Ca 317.933*†	3468.8	0.5045	mg/L	0.00698	0.5045	mg/L	0.00698	1.38%
Cu 324.752*†	59758.4	0.4777	mg/L	0.00268	0.4777	mg/L	0.00268	0.56%
Cu 327.393	31913.6	0.4820	mg/L	0.00006	0.4820	mg/L	0.00006	0.01%
Ag 328.068*†	45915.4	0.2538	mg/L	0.00009	0.2538	mg/L	0.00009	0.04%
Ti 334.940	176466.0	0.4925	mg/L	0.00377	0.4925	mg/L	0.00377	0.76%
Ti 336.121*†	212548.2	0.5162	mg/L	0.00100	0.5162	mg/L	0.00100	0.19%
Ag 338.289	22052.5	0.2488	mg/L	0.00127	0.2488	mg/L	0.00127	0.51%
Tl 351.924	2054.1	0.4184	mg/L	0.00085	0.4184	mg/L	0.00085	0.20%
Cr 357.869	21812.0	0.4375	mg/L	0.00396	0.4375	mg/L	0.00396	0.90%
Al 396.153	45549.7	0.4809	mg/L	0.00131	0.4809	mg/L	0.00131	0.27%

Sr 407.771*†	643615.7	0.4807 mg/L	0.00614	0.4807 mg/L	0.00614	1.28%
Sr 421.552	259912.1	0.4851 mg/L	0.00417	0.4851 mg/L	0.00417	0.86%
Ca 422.673	6896.0	0.4850 mg/L	0.00336	0.4850 mg/L	0.00336	0.69%
Ba 455.403	76205.0	0.4701 mg/L	0.00507	0.4701 mg/L	0.00507	1.08%
Li 460.286	-531.5	-0.0728 mg/L	0.00318	-0.0728 mg/L	0.00318	4.37%
Sr 460.733	125722.3	0.3314 mg/L	0.00458	0.3314 mg/L	0.00458	1.38%
Na 588.995	59223.2	5.512 mg/L	0.0576	5.512 mg/L	0.0576	1.05%
Na 589.592*†	48123.5	5.705 mg/L	0.0918	5.705 mg/L	0.0918	1.61%
Li 610.362*†	1619.0	0.0058 mg/L	0.00033	0.0058 mg/L	0.00033	5.74%
K 766.490*	12556.3	4.906 mg/L	0.0576	4.906 mg/L	0.0576	1.17%

Sequence No.: 5
Sample ID: 06-07-1032-T-2
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 28
Date Collected: 7/26/06 10:20:50 AM

Sample Prep Volume:
Data Type: Original

Mean Data: 06-07-1032-T-2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	209179.1	5.100	mg/L	0.0224				0.44%
Ho 339.898	37913.4	4.841	mg/L	0.0133				0.28%
Ho 345.600	69786.6	4.989	mg/L	0.0105				0.21%
Ho 347.426	24454.1	4.810	mg/L	0.0349				0.73%
Tb 350.917	26384.8	4.995	mg/L	0.0066				0.13%
Y 371.029	526233.9	4.995	mg/L	0.0156				0.31%
Tb 384.873	22805.8	4.832	mg/L	0.0029				0.06%
As 188.979†	-10.1	-0.0061	mg/L	0.00076	-0.0061	mg/L	0.00076	12.41%
Sn 189.927*†	-28.2	-0.0181	mg/L	0.00011	-0.0181	mg/L	0.00011	0.63%
Tl 190.801*†	3.9	0.0024	mg/L	0.00033	0.0024	mg/L	0.00033	13.41%
Tl	3.2	0.0025	mg/L	0.00196	0.0025	mg/L	0.00196	78.76%
As 193.696*†	-15.9	-0.0095	mg/L	0.00217	-0.0095	mg/L	0.00217	22.68%
Se 196.026*†	-1.2	-0.0008	mg/L	0.00943	-0.0008	mg/L	0.00943	>999.9%
Mo 202.031*†	8.8	0.0015	mg/L	0.00059	0.0015	mg/L	0.00059	38.99%
Zn 202.548	610.8	0.0172	mg/L	0.00015	0.0172	mg/L	0.00015	0.85%
Mo 203.845	14.5	0.0023	mg/L	0.00069	0.0023	mg/L	0.00069	30.04%
Se 203.985	-61.7	-0.0420	mg/L	0.00852	-0.0420	mg/L	0.00852	20.30%
Sb 206.836	-9.3	-0.0066	mg/L	0.00522	-0.0066	mg/L	0.00522	78.89%
Sb	-10.7	0.0024	mg/L	0.00611	0.0024	mg/L	0.00611	258.75%
P 213.617*†	69.9	0.0313	mg/L	0.00242	0.0313	mg/L	0.00242	7.73%
Zn 213.857*†	1604.5	0.0295	mg/L	0.00008	0.0295	mg/L	0.00008	0.26%
P 214.914	113.0	0.0389	mg/L	0.00177	0.0389	mg/L	0.00177	4.55%
Pb 217.000	12.1	0.0305	mg/L	0.00208	0.0305	mg/L	0.00208	6.81%
Sb 217.582*†	31.9	0.0096	mg/L	0.00372	0.0096	mg/L	0.00372	38.54%
Pb 220.353*†	4.7	0.0006	mg/L	0.00037	0.0006	mg/L	0.00037	66.22%
Cd 226.502*†	12.0	0.0001	mg/L	0.00005	0.0001	mg/L	0.00005	51.01%
Co 228.616*†	24.1	0.0007	mg/L	0.00004	0.0007	mg/L	0.00004	5.81%
Cd 228.802	8.5	0.0002	mg/L	0.00008	0.0002	mg/L	0.00008	36.92%
Co 230.786	-6.8	-0.0003	mg/L	0.00010	-0.0003	mg/L	0.00010	35.89%
Ni 231.604*†	42.8	0.0013	mg/L	0.00015	0.0013	mg/L	0.00015	11.28%
Ni 232.003	20.7	0.0016	mg/L	0.00002	0.0016	mg/L	0.00002	1.53%
Ba 233.527*†	29161.3	0.2549	mg/L	0.00042	0.2549	mg/L	0.00042	0.17%
Fe 239.562	3963.6	1.147	mg/L	0.0169	1.147	mg/L	0.0169	1.47%
Sn 242.170	-217.4	-0.0519	mg/L	0.00418	-0.0519	mg/L	0.00418	8.07%
B 249.677*†	7801.9	0.3013	mg/L	0.00122	0.3013	mg/L	0.00122	0.41%
B 249.772	5309.2	0.3059	mg/L	0.00111	0.3059	mg/L	0.00111	0.36%
Si 251.611*†	136629.1	10.59	mg/L	0.006	10.59	mg/L	0.006	0.06%
Mn 257.610*†	48742.3	0.1787	mg/L	0.00018	0.1787	mg/L	0.00018	0.10%
Mn 259.372	45268.5	0.1763	mg/L	0.00046	0.1763	mg/L	0.00046	0.26%
Fe 259.939	7735.2	1.183	mg/L	0.0068	1.183	mg/L	0.0068	0.57%
Cr 267.716*†	302.7	0.0072	mg/L	0.00002	0.0072	mg/L	0.00002	0.30%
Fe 273.955*†	17773.8	1.193	mg/L	0.0034	1.193	mg/L	0.0034	0.29%
Mg 279.077*†	174961.0	25.73	mg/L	0.091	25.73	mg/L	0.091	0.35%
Mg 280.271	2872033.4	24.44	mg/L	0.092	24.44	mg/L	0.092	0.38%
Si 288.158	60258.8	10.23	mg/L	0.004	10.23	mg/L	0.004	0.03%
V 292.402*†	15.8	0.0007	mg/L	0.00083	0.0007	mg/L	0.00083	124.22%
Al 308.215*†	4697.9	0.3317	mg/L	0.00166	0.3317	mg/L	0.00166	0.50%
V 310.230	1029.2	0.0128	mg/L	0.00076	0.0128	mg/L	0.00076	5.91%
Be 313.042*†	811.0	0.0003	mg/L	0.00001	0.0003	mg/L	0.00001	3.10%
Be 313.107	597.0	0.0002	mg/L	0.00000	0.0002	mg/L	0.00000	1.38%
Ca 317.933*†	957424.6	139.2	mg/L	0.22	139.2	mg/L	0.22	0.16%
Cu 324.752*†	62.2	0.0005	mg/L	0.00036	0.0005	mg/L	0.00036	72.83%
Cu 327.393	-306.5	-0.0046	mg/L	0.00011	-0.0046	mg/L	0.00011	2.41%
Ag 328.068*†	169.9	-0.0012	mg/L	0.00013	-0.0012	mg/L	0.00013	10.73%
Ti 334.940	5606.8	0.0156	mg/L	0.00008	0.0156	mg/L	0.00008	0.51%
Ti 336.121*†	7018.0	0.0170	mg/L	0.00020	0.0170	mg/L	0.00020	1.17%
Ag 338.289	21.6	0.0002	mg/L	0.00007	0.0002	mg/L	0.00007	29.20%
Tl 351.924	188.9	0.0385	mg/L	0.00306	0.0385	mg/L	0.00306	7.94%
Cr 357.869	8.2	0.0047	mg/L	0.00012	0.0047	mg/L	0.00012	2.56%
Al 396.153	32826.4	0.3466	mg/L	0.00153	0.3466	mg/L	0.00153	0.44%

Sr 407.771*†	1237500.1	0.9239 mg/L	0.00510	0.9239 mg/L	0.00510	0.55%
Sr 421.552	490205.7	0.9144 mg/L	0.00609	0.9144 mg/L	0.00609	0.67%
Ca 422.673	1977478.7	139.1 mg/L	0.65	139.1 mg/L	0.65	0.47%
Ba 455.403	37877.1	0.2337 mg/L	0.00170	0.2337 mg/L	0.00170	0.73%
Li 460.286	-344.1	-0.0471 mg/L	0.00297	-0.0471 mg/L	0.00297	6.29%
Sr 460.733	336059.8	0.8872 mg/L	0.00703	0.8872 mg/L	0.00703	0.79%
Na 588.995	453989.7	42.26 mg/L	0.391	42.26 mg/L	0.391	0.93%
Na 589.592*†	376232.7	44.60 mg/L	0.263	44.60 mg/L	0.263	0.59%
Li 610.362*†	-14927.5	-0.0531 mg/L	0.00020	-0.0531 mg/L	0.00020	0.37%
K 766.490*	13584.3	5.308 mg/L	0.0190	5.308 mg/L	0.0190	0.36%

Sequence No.: 6
Sample ID: 06-07-1032-2ms
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 29
Date Collected: 7/26/06 10:23:17 AM

Sample Prep Volume:
Data Type: Original

Mean Data: 06-07-1032-2ms

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	204871.1	4.995	mg/L	0.0371				0.74%
Ho 339.898	37252.9	4.757	mg/L	0.0446				0.94%
Ho 345.600	68564.4	4.902	mg/L	0.0508				1.04%
Ho 347.426	24367.8	4.793	mg/L	0.0311				0.65%
Tb 350.917	26329.3	4.985	mg/L	0.0337				0.68%
Y 371.029	519167.0	4.928	mg/L	0.0345				0.70%
Tb 384.873	22667.2	4.803	mg/L	0.0334				0.70%
As 188.979†	863.0	0.5243	mg/L	0.00064	0.5243	mg/L	0.00064	0.12%
Sn 189.927*†	806.9	0.5177	mg/L	0.00203	0.5177	mg/L	0.00203	0.39%
Tl 190.801*†	716.6	0.4545	mg/L	0.00604	0.4545	mg/L	0.00604	1.33%
Tl	575.2	0.4404	mg/L	0.01036	0.4404	mg/L	0.01036	2.35%
As 193.696*†	873.1	0.5248	mg/L	0.00186	0.5248	mg/L	0.00186	0.35%
Se 196.026*†	811.6	0.5235	mg/L	0.00307	0.5235	mg/L	0.00307	0.59%
Mo 202.031*†	2865.2	0.5345	mg/L	0.00129	0.5345	mg/L	0.00129	0.24%
Zn 202.548	19153.3	0.5397	mg/L	0.00335	0.5397	mg/L	0.00335	0.62%
Mo 203.845	3253.2	0.5167	mg/L	0.00564	0.5167	mg/L	0.00564	1.09%
Se 203.985	656.7	0.4465	mg/L	0.00130	0.4465	mg/L	0.00130	0.29%
Sb 206.836	732.1	0.5231	mg/L	0.00332	0.5231	mg/L	0.00332	0.64%
Sb	551.9	0.5516	mg/L	0.00767	0.5516	mg/L	0.00767	1.39%
P 213.617*†	1509.1	0.5843	mg/L	0.00044	0.5843	mg/L	0.00044	0.08%
Zn 213.857*†	31780.1	0.5510	mg/L	0.00063	0.5510	mg/L	0.00063	0.11%
P 214.914	1397.0	0.4810	mg/L	0.00104	0.4810	mg/L	0.00104	0.22%
Pb 217.000	538.0	0.5271	mg/L	0.00484	0.5271	mg/L	0.00484	0.92%
Sb 217.582*†	1836.3	0.5551	mg/L	0.00037	0.5551	mg/L	0.00037	0.07%
Pb 220.353*†	4382.1	0.5211	mg/L	0.00058	0.5211	mg/L	0.00058	0.11%
Cd 226.502*†	66615.1	0.5235	mg/L	0.00034	0.5235	mg/L	0.00034	0.06%
Co 228.616*†	17321.8	0.5329	mg/L	0.00084	0.5329	mg/L	0.00084	0.16%
Cd 228.802	20769.6	0.5065	mg/L	0.00066	0.5065	mg/L	0.00066	0.13%
Co 230.786	13290.6	0.5158	mg/L	0.00218	0.5158	mg/L	0.00218	0.42%
Ni 231.604*†	17305.5	0.5292	mg/L	0.00131	0.5292	mg/L	0.00131	0.25%
Ni 232.003	6628.6	0.5053	mg/L	0.00261	0.5053	mg/L	0.00261	0.52%
Ba 233.527*†	90134.0	0.7877	mg/L	0.00011	0.7877	mg/L	0.00011	0.01%
Fe 239.562	5693.1	1.647	mg/L	0.0163	1.647	mg/L	0.0163	0.99%
Sn 242.170	2174.7	0.5188	mg/L	0.00999	0.5188	mg/L	0.00999	1.93%
B 249.677*†	21535.5	0.8351	mg/L	0.00964	0.8351	mg/L	0.00964	1.15%
B 249.772	14308.4	0.8241	mg/L	0.01637	0.8241	mg/L	0.01637	1.99%
Si 251.611*†	143567.7	11.13	mg/L	0.021	11.13	mg/L	0.021	0.19%
Mn 257.610*†	186139.1	0.6966	mg/L	0.00068	0.6966	mg/L	0.00068	0.10%
Mn 259.372	171892.4	0.6694	mg/L	0.00407	0.6694	mg/L	0.00407	0.61%
Fe 259.939	11158.8	1.707	mg/L	0.0297	1.707	mg/L	0.0297	1.74%
Cr 267.716*†	51127.0	0.5407	mg/L	0.00126	0.5407	mg/L	0.00126	0.23%
Fe 273.955*†	25369.6	1.703	mg/L	0.0005	1.703	mg/L	0.0005	0.03%
Mg 279.077*†	175025.4	25.74	mg/L	0.009	25.74	mg/L	0.009	0.03%
Mg 280.271	2911485.4	24.77	mg/L	0.260	24.77	mg/L	0.260	1.05%
Si 288.158	63774.7	10.83	mg/L	0.102	10.83	mg/L	0.102	0.94%
V 292.402*†	12210.3	0.5244	mg/L	0.00137	0.5244	mg/L	0.00137	0.26%
Al 308.215*†	14112.7	0.9930	mg/L	0.00337	0.9930	mg/L	0.00337	0.34%
V 310.230	41498.4	0.5160	mg/L	0.00639	0.5160	mg/L	0.00639	1.24%
Be 313.042*†	1256113.9	0.5308	mg/L	0.00079	0.5308	mg/L	0.00079	0.15%
Be 313.107	1567417.7	0.5190	mg/L	0.00287	0.5190	mg/L	0.00287	0.55%
Ca 317.933*†	953956.9	138.7	mg/L	2.77	138.7	mg/L	2.77	2.00%
Cu 324.752*†	57166.3	0.4571	mg/L	0.00162	0.4571	mg/L	0.00162	0.36%
Cu 327.393	29108.8	0.4397	mg/L	0.00462	0.4397	mg/L	0.00462	1.05%
Ag 328.068*†	49233.5	0.2700	mg/L	0.00024	0.2700	mg/L	0.00024	0.09%
Ti 334.940	189509.9	0.5289	mg/L	0.00387	0.5289	mg/L	0.00387	0.73%
Ti 336.121*†	227324.1	0.5521	mg/L	0.00036	0.5521	mg/L	0.00036	0.07%
Ag 338.289	23363.4	0.2636	mg/L	0.00096	0.2636	mg/L	0.00096	0.36%
Tl 351.924	2452.5	0.4996	mg/L	0.00996	0.4996	mg/L	0.00996	1.99%
Cr 357.869	25775.1	0.5215	mg/L	0.00578	0.5215	mg/L	0.00578	1.11%
Al 396.153	95519.5	1.009	mg/L	0.0094	1.009	mg/L	0.0094	0.93%

Sr 407.771*†	1908138.4	1.425 mg/L	0.0250	1.425 mg/L	0.0250	1.75%
Sr 421.552	757116.1	1.413 mg/L	0.0171	1.413 mg/L	0.0171	1.21%
Ca 422.673	1974797.7	138.9 mg/L	2.14	138.9 mg/L	2.14	1.54%
Ba 455.403	117909.6	0.7274 mg/L	0.01092	0.7274 mg/L	0.01092	1.50%
Li 460.286	-153.9	-0.0211 mg/L	0.00636	-0.0211 mg/L	0.00636	30.16%
Sr 460.733	519535.2	1.371 mg/L	0.0161	1.371 mg/L	0.0161	1.18%
Na 588.995	500678.4	46.60 mg/L	0.592	46.60 mg/L	0.592	1.27%
Na 589.592*†	416220.8	49.34 mg/L	0.841	49.34 mg/L	0.841	1.70%
Li 610.362*†	-14973.9	-0.0533 mg/L	0.00096	-0.0533 mg/L	0.00096	1.81%
K 766.490*	27169.5	10.62 mg/L	0.152	10.62 mg/L	0.152	1.43%

Sequence No.: 7
Sample ID: 06-07-1032-2msd
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 30
Date Collected: 7/26/06 10:25:46 AM

Sample Prep Volume:
Data Type: Original

Mean Data: 06-07-1032-2msd

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	201998.0	4.925	mg/L	0.0271				0.55%
Ho 339.898	36706.7	4.687	mg/L	0.0261				0.56%
Ho 345.600	67578.7	4.831	mg/L	0.0244				0.51%
Ho 347.426	23965.3	4.714	mg/L	0.0319				0.68%
Tb 350.917	25915.3	4.906	mg/L	0.0234				0.48%
Y 371.029	512187.2	4.861	mg/L	0.0318				0.65%
Tb 384.873	22278.1	4.721	mg/L	0.0149				0.32%
As 188.979†	901.0	0.5473	mg/L	0.00033	0.5473	mg/L	0.00033	0.06%
Sn 189.927*†	834.3	0.5353	mg/L	0.00538	0.5353	mg/L	0.00538	1.01%
Tl 190.801*†	758.0	0.4807	mg/L	0.01520	0.4807	mg/L	0.01520	3.16%
Tl	599.0	0.4585	mg/L	0.01003	0.4585	mg/L	0.01003	2.19%
As 193.696*†	907.2	0.5453	mg/L	0.00627	0.5453	mg/L	0.00627	1.15%
Se 196.026*†	846.1	0.5458	mg/L	0.00784	0.5458	mg/L	0.00784	1.44%
Mo 202.031*†	2969.1	0.5538	mg/L	0.00346	0.5538	mg/L	0.00346	0.62%
Zn 202.548	20011.5	0.5639	mg/L	0.00139	0.5639	mg/L	0.00139	0.25%
Mo 203.845	3309.7	0.5257	mg/L	0.00121	0.5257	mg/L	0.00121	0.23%
Se 203.985	675.8	0.4595	mg/L	0.00370	0.4595	mg/L	0.00370	0.80%
Sb 206.836	743.8	0.5315	mg/L	0.00014	0.5315	mg/L	0.00014	0.03%
Sb	562.8	0.5629	mg/L	0.00177	0.5629	mg/L	0.00177	0.31%
P 213.617*†	1558.5	0.6035	mg/L	0.00001	0.6035	mg/L	0.00001	0.00%
Zn 213.857*†	33285.4	0.5770	mg/L	0.00187	0.5770	mg/L	0.00187	0.32%
P 214.914	1412.6	0.4863	mg/L	0.00651	0.4863	mg/L	0.00651	1.34%
Pb 217.000	551.9	0.5411	mg/L	0.01224	0.5411	mg/L	0.01224	2.26%
Sb 217.582*†	1898.8	0.5740	mg/L	0.00099	0.5740	mg/L	0.00099	0.17%
Pb 220.353*†	4533.7	0.5391	mg/L	0.00344	0.5391	mg/L	0.00344	0.64%
Cd 226.502*†	68155.4	0.5356	mg/L	0.00013	0.5356	mg/L	0.00013	0.02%
Co 228.616*†	17999.9	0.5538	mg/L	0.00328	0.5538	mg/L	0.00328	0.59%
Cd 228.802	21063.5	0.5136	mg/L	0.00069	0.5136	mg/L	0.00069	0.13%
Co 230.786	13544.8	0.5257	mg/L	0.00089	0.5257	mg/L	0.00089	0.17%
Ni 231.604*†	17927.6	0.5482	mg/L	0.00308	0.5482	mg/L	0.00308	0.56%
Ni 232.003	6754.9	0.5149	mg/L	0.00050	0.5149	mg/L	0.00050	0.10%
Ba 233.527*†	92313.3	0.8068	mg/L	0.00141	0.8068	mg/L	0.00141	0.17%
Fe 239.562	6053.0	1.751	mg/L	0.0206	1.751	mg/L	0.0206	1.18%
Sn 242.170	2205.2	0.5261	mg/L	0.00632	0.5261	mg/L	0.00632	1.20%
B 249.677*†	22118.1	0.8576	mg/L	0.00588	0.8576	mg/L	0.00588	0.69%
B 249.772	14478.9	0.8341	mg/L	0.00399	0.8341	mg/L	0.00399	0.48%
Si 251.611*†	148888.9	11.54	mg/L	0.032	11.54	mg/L	0.032	0.27%
Mn 257.610*†	190953.5	0.7145	mg/L	0.00076	0.7145	mg/L	0.00076	0.11%
Mn 259.372	173365.8	0.6752	mg/L	0.00320	0.6752	mg/L	0.00320	0.47%
Fe 259.939	11819.5	1.808	mg/L	0.0181	1.808	mg/L	0.0181	1.00%
Cr 267.716*†	52337.0	0.5536	mg/L	0.00020	0.5536	mg/L	0.00020	0.04%
Fe 273.955*†	27018.7	1.814	mg/L	0.0041	1.814	mg/L	0.0041	0.22%
Mg 279.077*†	180936.9	26.61	mg/L	0.033	26.61	mg/L	0.033	0.12%
Mg 280.271	2990949.3	25.45	mg/L	0.072	25.45	mg/L	0.072	0.28%
Si 288.158	65138.3	11.06	mg/L	0.034	11.06	mg/L	0.034	0.31%
V 292.402*†	12454.3	0.5349	mg/L	0.00086	0.5349	mg/L	0.00086	0.16%
Al 308.215*†	15051.9	1.059	mg/L	0.0017	1.059	mg/L	0.0017	0.16%
V 310.230	41717.0	0.5188	mg/L	0.00294	0.5188	mg/L	0.00294	0.57%
Be 313.042*†	1285505.6	0.5432	mg/L	0.00025	0.5432	mg/L	0.00025	0.05%
Be 313.107	1580134.3	0.5232	mg/L	0.00227	0.5232	mg/L	0.00227	0.43%
Ca 317.933*†	996023.4	144.9	mg/L	1.15	144.9	mg/L	1.15	0.80%
Cu 324.752*†	58903.5	0.4710	mg/L	0.00230	0.4710	mg/L	0.00230	0.49%
Cu 327.393	29460.3	0.4450	mg/L	0.00097	0.4450	mg/L	0.00097	0.22%
Ag 328.068*†	51096.2	0.2802	mg/L	0.00015	0.2802	mg/L	0.00015	0.05%
Ti 334.940	191038.4	0.5332	mg/L	0.00176	0.5332	mg/L	0.00176	0.33%
Ti 336.121*†	233129.6	0.5662	mg/L	0.00009	0.5662	mg/L	0.00009	0.02%
Ag 338.289	23907.2	0.2697	mg/L	0.00154	0.2697	mg/L	0.00154	0.57%
Tl 351.924	2566.6	0.5228	mg/L	0.00649	0.5228	mg/L	0.00649	1.24%
Cr 357.869	25982.2	0.5258	mg/L	0.00094	0.5258	mg/L	0.00094	0.18%
Al 396.153	99859.3	1.054	mg/L	0.0046	1.054	mg/L	0.0046	0.44%

Sr 407.771*†	1982223.6	1.480 mg/L	0.0104	1.480 mg/L	0.0104	0.70%
Sr 421.552	774311.8	1.445 mg/L	0.0046	1.445 mg/L	0.0046	0.32%
Ca 422.673	2022304.9	142.2 mg/L	0.59	142.2 mg/L	0.59	0.41%
Ba 455.403	119865.3	0.7394 mg/L	0.00051	0.7394 mg/L	0.00051	0.07%
Li 460.286	-249.1	-0.0341 mg/L	0.00889	-0.0341 mg/L	0.00889	26.05%
Sr 460.733	526862.7	1.390 mg/L	0.0079	1.390 mg/L	0.0079	0.57%
Na 588.995	512673.6	47.72 mg/L	0.021	47.72 mg/L	0.021	0.04%
Na 589.592*†	433244.7	51.36 mg/L	0.302	51.36 mg/L	0.302	0.59%
Li 610.362*†	-16244.1	-0.0578 mg/L	0.00068	-0.0578 mg/L	0.00068	1.18%
K 766.490*	27804.2	10.86 mg/L	0.060	10.86 mg/L	0.060	0.55%

Sequence No.: 11
Sample ID: CCV-1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 7/26/06 10:35:44 AM

Sample Prep Volume:
Data Type: Original

Mean Data: CCV-1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	206584.0	5.036	mg/L	0.0029				0.06%
Ho 339.898	38086.3	4.863	mg/L	0.0088				0.18%
Ho 345.600	68468.2	4.895	mg/L	0.0145				0.30%
Ho 347.426	24830.6	4.884	mg/L	0.0036				0.07%
Tb 350.917	26619.7	5.040	mg/L	0.0055				0.11%
Y 371.029	526008.8	4.993	mg/L	0.0577				1.16%
Tb 384.873	22721.8	4.815	mg/L	0.0149				0.31%
As 188.979†	6193.1	3.762	mg/L	0.0141	3.762	mg/L	0.0141	0.38%
QC value within limits for As 188.979 Recovery = 100.33%								
Sn 189.927*†	4809.8	3.086	mg/L	0.0246	3.086	mg/L	0.0246	0.80%
QC value within limits for Sn 189.927* Recovery = 102.87%								
Tl 190.801*†	2340.0	1.484	mg/L	0.0152	1.484	mg/L	0.0152	1.02%
QC value within limits for Tl 190.801* Recovery = 98.94%								
Tl	1908.9	1.461	mg/L	0.0159	1.461	mg/L	0.0159	1.08%
As 193.696*†	6269.5	3.768	mg/L	0.0185	3.768	mg/L	0.0185	0.49%
QC value within limits for As 193.696* Recovery = 100.49%								
Se 196.026*†	2318.0	1.495	mg/L	0.0013	1.495	mg/L	0.0013	0.09%
QC value within limits for Se 196.026* Recovery = 99.68%								
Mo 202.031*†	3261.1	0.6091	mg/L	0.00275	0.6091	mg/L	0.00275	0.45%
QC value within limits for Mo 202.031* Recovery = 101.52%								
Zn 202.548	89731.5	2.529	mg/L	0.0052	2.529	mg/L	0.0052	0.20%
Mo 203.845	3752.3	0.5960	mg/L	0.00341	0.5960	mg/L	0.00341	0.57%
Se 203.985	2180.2	1.482	mg/L	0.0029	1.482	mg/L	0.0029	0.20%
Sb 206.836	6356.8	4.542	mg/L	0.0222	4.542	mg/L	0.0222	0.49%
Sb	4845.8	4.587	mg/L	0.0239	4.587	mg/L	0.0239	0.52%
P 213.617*†	16448.6	6.278	mg/L	0.0301	6.278	mg/L	0.0301	0.48%
QC value within limits for P 213.617* Recovery = 104.63%								
Zn 213.857*†	146379.5	2.530	mg/L	0.0044	2.530	mg/L	0.0044	0.17%
QC value within limits for Zn 213.857* Recovery = 101.21%								
P 214.914	17159.0	5.908	mg/L	0.0412	5.908	mg/L	0.0412	0.70%
Pb 217.000	3945.8	3.736	mg/L	0.0167	3.736	mg/L	0.0167	0.45%
Sb 217.582*†	15476.7	4.679	mg/L	0.0304	4.679	mg/L	0.0304	0.65%
QC value within limits for Sb 217.582* Recovery = 103.97%								
Pb 220.353*†	32030.4	3.809	mg/L	0.0052	3.809	mg/L	0.0052	0.14%
QC value within limits for Pb 220.353* Recovery = 101.57%								
Cd 226.502*†	98060.9	0.7706	mg/L	0.00311	0.7706	mg/L	0.00311	0.40%
QC value within limits for Cd 226.502* Recovery = 102.75%								
Co 228.616*†	62092.5	1.910	mg/L	0.0002	1.910	mg/L	0.0002	0.01%
QC value within limits for Co 228.616* Recovery = 101.88%								
Cd 228.802	30628.5	0.7469	mg/L	0.00138	0.7469	mg/L	0.00138	0.18%
Co 230.786	48679.8	1.889	mg/L	0.0000	1.889	mg/L	0.0000	0.00%
Ni 231.604*†	20075.0	0.6139	mg/L	0.00103	0.6139	mg/L	0.00103	0.17%
QC value within limits for Ni 231.604* Recovery = 102.31%								
Ni 232.003	7808.7	0.5952	mg/L	0.00242	0.5952	mg/L	0.00242	0.41%
Ba 233.527*†	878674.6	7.679	mg/L	0.0974	7.679	mg/L	0.0974	1.27%
QC value within limits for Ba 233.527* Recovery = 102.39%								
Fe 239.562	12814.0	3.707	mg/L	0.0020	3.707	mg/L	0.0020	0.05%
Sn 242.170	12650.9	3.018	mg/L	0.0093	3.018	mg/L	0.0093	0.31%
B 249.677*†	97096.5	3.773	mg/L	0.0402	3.773	mg/L	0.0402	1.06%
QC value within limits for B 249.677* Recovery = 100.61%								
B 249.772	64237.0	3.699	mg/L	0.0282	3.699	mg/L	0.0282	0.76%
Si 251.611*†	81366.8	6.310	mg/L	0.0109	6.310	mg/L	0.0109	0.17%
QC value within limits for Si 251.611* Recovery = 105.17%								
Mn 257.610*†	204865.0	0.7700	mg/L	0.00038	0.7700	mg/L	0.00038	0.05%
QC value within limits for Mn 257.610* Recovery = 102.67%								
Mn 259.372	192795.6	0.7508	mg/L	0.00006	0.7508	mg/L	0.00006	0.01%
Fe 259.939	24795.6	3.793	mg/L	0.0211	3.793	mg/L	0.0211	0.56%
Cr 267.716*†	58161.5	0.6115	mg/L	0.00216	0.6115	mg/L	0.00216	0.35%
QC value within limits for Cr 267.716* Recovery = 101.92%								
Fe 273.955*†	56771.0	3.815	mg/L	0.0050	3.815	mg/L	0.0050	0.13%

QC value within limits for Fe 273.955* Recovery = 101.74%

Mg 279.077*†	52590.0	7.734 mg/L	0.0307	7.734 mg/L	0.0307	0.40%

QC value within limits for Mg 279.077* Recovery = 103.12%

Mg 280.271	880936.6	7.496 mg/L	0.0066	7.496 mg/L	0.0066	0.09%
Si 288.158	36398.4	6.181 mg/L	0.0203	6.181 mg/L	0.0203	0.33%
V 292.402*†	44331.1	1.904 mg/L	0.0053	1.904 mg/L	0.0053	0.28%

QC value within limits for V 292.402* Recovery = 101.55%

Al 308.215*†	191150.7	13.46 mg/L	0.031	13.46 mg/L	0.031	0.23%

QC value within limits for Al 308.215* Recovery = 99.69%

V 310.230	152410.2	1.895 mg/L	0.0003	1.895 mg/L	0.0003	0.02%
Be 313.042*†	1347884.5	0.5696 mg/L	0.00653	0.5696 mg/L	0.00653	1.15%

QC value within limits for Be 313.042* Recovery = 101.26%

Be 313.107	1699126.1	0.5626 mg/L	0.00587	0.5626 mg/L	0.00587	1.04%
Ca 317.933*†	207000.9	30.11 mg/L	0.056	30.11 mg/L	0.056	0.18%

QC value within limits for Ca 317.933* Recovery = 100.35%

Cu 324.752*†	116137.4	0.9283 mg/L	0.00159	0.9283 mg/L	0.00159	0.17%

QC value within limits for Cu 324.752* Recovery = 99.02%

Cu 327.393	60708.4	0.9167 mg/L	0.00214	0.9167 mg/L	0.00214	0.23%
Ag 328.068*†	68840.2	0.3801 mg/L	0.00142	0.3801 mg/L	0.00142	0.37%

QC value within limits for Ag 328.068* Recovery = 101.37%

Ti 334.940	213193.0	0.5950 mg/L	0.00093	0.5950 mg/L	0.00093	0.16%
Ti 336.121*†	251883.9	0.6117 mg/L	0.00070	0.6117 mg/L	0.00070	0.11%

QC value within limits for Ti 336.121* Recovery = 101.95%

Ag 338.289	33020.9	0.3725 mg/L	0.00058	0.3725 mg/L	0.00058	0.16%
Tl 351.924	6944.5	1.415 mg/L	0.0149	1.415 mg/L	0.0149	1.05%
Cr 357.869	28616.7	0.5752 mg/L	0.00534	0.5752 mg/L	0.00534	0.93%
Al 396.153	1267315.7	13.38 mg/L	0.153	13.38 mg/L	0.153	1.14%
Sr 407.771*†	401518.6	0.2998 mg/L	0.00122	0.2998 mg/L	0.00122	0.41%

QC value within limits for Sr 407.771* Recovery = 99.93%

Sr 421.552	160469.6	0.2994 mg/L	0.00146	0.2994 mg/L	0.00146	0.49%
Ca 422.673	425125.2	29.90 mg/L	0.073	29.90 mg/L	0.073	0.24%
Ba 455.403	1144180.0	7.058 mg/L	0.0466	7.058 mg/L	0.0466	0.66%
Li 460.286	20777.6	2.846 mg/L	0.0407	2.846 mg/L	0.0407	1.43%
Sr 460.733	100994.4	0.2667 mg/L	0.00180	0.2667 mg/L	0.00180	0.68%
Na 588.995	362332.7	33.73 mg/L	0.377	33.73 mg/L	0.377	1.12%
Na 589.592*†	296993.2	35.21 mg/L	0.213	35.21 mg/L	0.213	0.61%

QC value within limits for Na 589.592* Recovery = 97.80%

Li 610.362*†	820518.8	2.921 mg/L	0.0368	2.921 mg/L	0.0368	1.26%

QC value within limits for Li 610.362* Recovery = 97.35%

K 766.490*	67917.6	26.54 mg/L	0.101	26.54 mg/L	0.101	0.38%

QC value within limits for K 766.490* Recovery = 98.28%

All analytes passed QC.

Sequence No.: 12
Sample ID: CCB-1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/26/06 10:38:12 AM

Sample Prep Volume:
Data Type: Original

Mean Data: CCB-1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	204146.1	4.977	mg/L	0.0130				0.26%
Ho 339.898	38298.6	4.890	mg/L	0.0151				0.31%
Ho 345.600	67847.9	4.850	mg/L	0.0152				0.31%
Ho 347.426	24542.7	4.828	mg/L	0.0175				0.36%
Tb 350.917	26068.2	4.935	mg/L	0.0205				0.42%
Y 371.029	522494.1	4.959	mg/L	0.0159				0.32%
Tb 384.873	22555.0	4.779	mg/L	0.0027				0.06%
As 188.979†	5.8	0.0035	mg/L	0.00087	0.0035	mg/L	0.00087	24.55%
Sn 189.927*†	7.9	0.0051	mg/L	0.00112	0.0051	mg/L	0.00112	21.97%
Tl 190.801*†	8.8	0.0056	mg/L	0.00074	0.0056	mg/L	0.00074	13.25%
Tl	7.2	0.0055	mg/L	0.00030	0.0055	mg/L	0.00030	5.53%
As 193.696*†	0.4	0.0002	mg/L	0.00016	0.0002	mg/L	0.00016	68.56%
Se 196.026*†	1.4	0.0009	mg/L	0.00742	0.0009	mg/L	0.00742	815.72%
Mo 202.031*†	1.6	0.0003	mg/L	0.00002	0.0003	mg/L	0.00002	6.34%
Zn 202.548	77.7	0.0022	mg/L	0.00035	0.0022	mg/L	0.00035	15.84%
Mo 203.845	-0.7	-0.0001	mg/L	0.00069	-0.0001	mg/L	0.00069	612.92%
Se 203.985	1.4	0.0010	mg/L	0.00112	0.0010	mg/L	0.00112	113.42%
Sb 206.836	6.7	0.0048	mg/L	0.00145	0.0048	mg/L	0.00145	30.17%
Sb	6.3	0.0059	mg/L	0.00148	0.0059	mg/L	0.00148	24.83%
P 213.617*†	-1.0	-0.0004	mg/L	0.00069	-0.0004	mg/L	0.00069	189.50%
Zn 213.857*†	133.7	0.0023	mg/L	0.00052	0.0023	mg/L	0.00052	22.71%
P 214.914	0.9	0.0003	mg/L	0.00325	0.0003	mg/L	0.00325	>999.9%
Pb 217.000	6.5	0.0062	mg/L	0.00136	0.0062	mg/L	0.00136	21.94%
Sb 217.582*†	9.1	0.0027	mg/L	0.00028	0.0027	mg/L	0.00028	10.09%
Pb 220.353*†	26.8	0.0032	mg/L	0.00020	0.0032	mg/L	0.00020	6.31%
Cd 226.502*†	60.7	0.0005	mg/L	0.00001	0.0005	mg/L	0.00001	2.24%
Co 228.616*†	39.1	0.0012	mg/L	0.00011	0.0012	mg/L	0.00011	8.77%
Cd 228.802	13.5	0.0003	mg/L	0.00014	0.0003	mg/L	0.00014	42.41%
Co 230.786	25.3	0.0010	mg/L	0.00002	0.0010	mg/L	0.00002	2.35%
Ni 231.604*†	20.5	0.0006	mg/L	0.00018	0.0006	mg/L	0.00018	28.06%
Ni 232.003	19.1	0.0015	mg/L	0.00054	0.0015	mg/L	0.00054	36.88%
Ba 233.527*†	416.5	0.0036	mg/L	0.00032	0.0036	mg/L	0.00032	8.71%
Fe 239.562	-28.3	-0.0082	mg/L	0.00163	-0.0082	mg/L	0.00163	19.97%
Sn 242.170	-98.2	-0.0234	mg/L	0.00986	-0.0234	mg/L	0.00986	42.08%
B 249.677*†	1569.3	0.0610	mg/L	0.00335	0.0610	mg/L	0.00335	5.49%
B 249.772	953.5	0.0547	mg/L	0.00362	0.0547	mg/L	0.00362	6.60%
Si 251.611*†	41.7	0.0032	mg/L	0.00007	0.0032	mg/L	0.00007	2.14%
Mn 257.610*†	-138.5	-0.0005	mg/L	0.00011	-0.0005	mg/L	0.00011	20.56%
Mn 259.372	-44.8	-0.0002	mg/L	0.00010	-0.0002	mg/L	0.00010	57.38%
Fe 259.939	-41.9	-0.0064	mg/L	0.00198	-0.0064	mg/L	0.00198	30.85%
Cr 267.716*†	130.6	0.0014	mg/L	0.00013	0.0014	mg/L	0.00013	9.61%
Fe 273.955*†	-100.0	-0.0067	mg/L	0.00014	-0.0067	mg/L	0.00014	2.12%
Mg 279.077*†	-5.5	-0.0008	mg/L	0.00117	-0.0008	mg/L	0.00117	143.59%
Mg 280.271	-217.4	-0.0018	mg/L	0.00277	-0.0018	mg/L	0.00277	149.51%
Si 288.158	20.7	0.0035	mg/L	0.00085	0.0035	mg/L	0.00085	24.24%
V 292.402*†	5.3	0.0002	mg/L	0.00035	0.0002	mg/L	0.00035	153.73%
Al 308.215*†	18.5	0.0013	mg/L	0.00011	0.0013	mg/L	0.00011	8.43%
V 310.230	888.0	0.0110	mg/L	0.00075	0.0110	mg/L	0.00075	6.82%
Be 313.042*†	860.0	0.0004	mg/L	0.00003	0.0004	mg/L	0.00003	8.47%
Be 313.107	905.9	0.0003	mg/L	0.00006	0.0003	mg/L	0.00006	18.80%
Ca 317.933*†	167.4	0.0243	mg/L	0.01291	0.0243	mg/L	0.01291	53.01%
Cu 324.752*†	415.2	0.0033	mg/L	0.00019	0.0033	mg/L	0.00019	5.59%
Cu 327.393	175.6	0.0026	mg/L	0.00055	0.0026	mg/L	0.00055	20.92%
Ag 328.068*†	72.5	0.0004	mg/L	0.00031	0.0004	mg/L	0.00031	76.89%
QC value within limits for Ag 328.068* Recovery = Not calculated								
Ti 334.940	72.4	0.0002	mg/L	0.00002	0.0002	mg/L	0.00002	7.94%
Ti 336.121*†	191.3	0.0005	mg/L	0.00016	0.0005	mg/L	0.00016	34.63%
Ag 338.289	73.0	0.0008	mg/L	0.00019	0.0008	mg/L	0.00019	23.10%
Tl 351.924	-1.1	-0.0002	mg/L	0.00988	-0.0002	mg/L	0.00988	>999.9%

Cr 357.869	-38.0	-0.0008 mg/L	0.00141	-0.0008 mg/L	0.00141	184.87%
Al 396.153	488.7	0.0052 mg/L	0.00108	0.0052 mg/L	0.00108	20.84%
Sr 407.771*†	660.9	0.0005 mg/L	0.00048	0.0005 mg/L	0.00048	97.72%
Sr 421.552	253.0	0.0005 mg/L	0.00033	0.0005 mg/L	0.00033	69.37%
Ca 422.673	669.2	0.0471 mg/L	0.03941	0.0471 mg/L	0.03941	83.74%
Ba 455.403	1887.1	0.0116 mg/L	0.00999	0.0116 mg/L	0.00999	85.80%
Li 460.286	-414.8	-0.0568 mg/L	0.00070	-0.0568 mg/L	0.00070	1.22%
Sr 460.733	958.5	0.0025 mg/L	0.00013	0.0025 mg/L	0.00013	5.15%
Na 588.995	3367.3	0.3134 mg/L	0.03873	0.3134 mg/L	0.03873	12.36%
Na 589.592*†	2550.5	0.3024 mg/L	0.07922	0.3024 mg/L	0.07922	26.20%
Li 610.362*†	1998.1	0.0071 mg/L	0.00157	0.0071 mg/L	0.00157	22.09%
K 766.490*	218.8	0.0855 mg/L	0.04482	0.0855 mg/L	0.04482	52.43%

Sequence No.: 14
Sample ID: CCV-1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 7/26/06 10:43:41 AM

Sample Prep Volume:
Data Type: Original

Mean Data: CCV-1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	208884.3	5.093	mg/L	0.0238				0.47%
Ho 339.898	38565.5	4.924	mg/L	0.0489				0.99%
Ho 345.600	69278.9	4.953	mg/L	0.0379				0.76%
Ho 347.426	25126.1	4.943	mg/L	0.0024				0.05%
Tb 350.917	26931.4	5.099	mg/L	0.0211				0.41%
Y 371.029	523339.2	4.967	mg/L	0.0246				0.49%
Tb 384.873	22862.6	4.844	mg/L	0.0160				0.33%
As 188.979†	6169.0	3.748	mg/L	0.0634	3.748	mg/L	0.0634	1.69%
QC value within limits for As 188.979 Recovery = 99.94%								
Sn 189.927*†	4799.5	3.080	mg/L	0.0454	3.080	mg/L	0.0454	1.47%
QC value within limits for Sn 189.927* Recovery = 102.65%								
Tl 190.801*†	2310.5	1.465	mg/L	0.0143	1.465	mg/L	0.0143	0.98%
QC value within limits for Tl 190.801* Recovery = 97.69%								
Tl	1906.6	1.460	mg/L	0.0123	1.460	mg/L	0.0123	0.84%
As 193.696*†	6238.3	3.750	mg/L	0.0454	3.750	mg/L	0.0454	1.21%
QC value within limits for As 193.696* Recovery = 99.99%								
Se 196.026*†	2300.1	1.484	mg/L	0.0153	1.484	mg/L	0.0153	1.03%
QC value within limits for Se 196.026* Recovery = 98.91%								
Mo 202.031*†	3247.1	0.6065	mg/L	0.00861	0.6065	mg/L	0.00861	1.42%
QC value within limits for Mo 202.031* Recovery = 101.09%								
Zn 202.548	90525.8	2.551	mg/L	0.0035	2.551	mg/L	0.0035	0.14%
Mo 203.845	3779.7	0.6004	mg/L	0.00850	0.6004	mg/L	0.00850	1.42%
Se 203.985	2204.3	1.499	mg/L	0.0130	1.499	mg/L	0.0130	0.87%
Sb 206.836	6371.4	4.552	mg/L	0.0574	4.552	mg/L	0.0574	1.26%
Sb	4858.8	4.600	mg/L	0.0538	4.600	mg/L	0.0538	1.17%
P 213.617*†	16367.2	6.247	mg/L	0.1026	6.247	mg/L	0.1026	1.64%
QC value within limits for P 213.617* Recovery = 104.11%								
Zn 213.857*†	146128.1	2.526	mg/L	0.0030	2.526	mg/L	0.0030	0.12%
QC value within limits for Zn 213.857* Recovery = 101.03%								
P 214.914	17228.2	5.931	mg/L	0.0590	5.931	mg/L	0.0590	1.00%
Pb 217.000	3952.1	3.742	mg/L	0.0535	3.742	mg/L	0.0535	1.43%
Sb 217.582*†	15416.2	4.660	mg/L	0.0751	4.660	mg/L	0.0751	1.61%
QC value within limits for Sb 217.582* Recovery = 103.56%								
Pb 220.353*†	32007.6	3.806	mg/L	0.0049	3.806	mg/L	0.0049	0.13%
QC value within limits for Pb 220.353* Recovery = 101.50%								
Cd 226.502*†	97856.5	0.7690	mg/L	0.00035	0.7690	mg/L	0.00035	0.05%
QC value within limits for Cd 226.502* Recovery = 102.54%								
Co 228.616*†	62110.9	1.911	mg/L	0.0044	1.911	mg/L	0.0044	0.23%
QC value within limits for Co 228.616* Recovery = 101.91%								
Cd 228.802	30997.3	0.7559	mg/L	0.00392	0.7559	mg/L	0.00392	0.52%
Co 230.786	49203.4	1.910	mg/L	0.0030	1.910	mg/L	0.0030	0.16%
Ni 231.604*†	20660.5	0.6318	mg/L	0.01085	0.6318	mg/L	0.01085	1.72%
QC value within limits for Ni 231.604* Recovery = 105.29%								
Ni 232.003	7861.2	0.5992	mg/L	0.00770	0.5992	mg/L	0.00770	1.29%
Ba 233.527*†	865455.1	7.564	mg/L	0.0889	7.564	mg/L	0.0889	1.18%
QC value within limits for Ba 233.527* Recovery = 100.85%								
Fe 239.562	12829.7	3.711	mg/L	0.0230	3.711	mg/L	0.0230	0.62%
Sn 242.170	12777.4	3.048	mg/L	0.0361	3.048	mg/L	0.0361	1.19%
B 249.677*†	97608.2	3.793	mg/L	0.0409	3.793	mg/L	0.0409	1.08%
QC value within limits for B 249.677* Recovery = 101.14%								
B 249.772	65477.8	3.770	mg/L	0.0466	3.770	mg/L	0.0466	1.24%
Si 251.611*†	81626.7	6.330	mg/L	0.0004	6.330	mg/L	0.0004	0.01%
QC value within limits for Si 251.611* Recovery = 105.51%								
Mn 257.610*†	204552.0	0.7688	mg/L	0.00054	0.7688	mg/L	0.00054	0.07%
QC value within limits for Mn 257.610* Recovery = 102.51%								
Mn 259.372	195636.6	0.7619	mg/L	0.00199	0.7619	mg/L	0.00199	0.26%
Fe 259.939	24820.5	3.796	mg/L	0.0132	3.796	mg/L	0.0132	0.35%
Cr 267.716*†	58015.7	0.6100	mg/L	0.00234	0.6100	mg/L	0.00234	0.38%
QC value within limits for Cr 267.716* Recovery = 101.66%								
Fe 273.955*†	56785.0	3.816	mg/L	0.0013	3.816	mg/L	0.0013	0.03%

QC value within limits for Fe 273.955* Recovery = 101.77%

Mg 279.077*†	53386.6	7.851 mg/L	0.0186	7.851 mg/L	0.0186	0.24%

QC value within limits for Mg 279.077* Recovery = 104.68%

Mg 280.271	903148.8	7.685 mg/L	0.0418	7.685 mg/L	0.0418	0.54%
Si 288.158	37064.0	6.294 mg/L	0.0181	6.294 mg/L	0.0181	0.29%
V 292.402*†	44160.4	1.897 mg/L	0.0030	1.897 mg/L	0.0030	0.16%

QC value within limits for V 292.402* Recovery = 101.16%

Al 308.215*†	191187.6	13.46 mg/L	0.024	13.46 mg/L	0.024	0.18%

QC value within limits for Al 308.215* Recovery = 99.71%

V 310.230	154339.8	1.919 mg/L	0.0096	1.919 mg/L	0.0096	0.50%
Be 313.042*†	1325354.2	0.5601 mg/L	0.00614	0.5601 mg/L	0.00614	1.10%

QC value within limits for Be 313.042* Recovery = 99.57%

Be 313.107	1690065.0	0.5596 mg/L	0.00385	0.5596 mg/L	0.00385	0.69%
Ca 317.933*†	209290.1	30.44 mg/L	0.470	30.44 mg/L	0.470	1.54%

QC value within limits for Ca 317.933* Recovery = 101.46%

Cu 324.752*†	116329.9	0.9299 mg/L	0.00248	0.9299 mg/L	0.00248	0.27%

QC value within limits for Cu 324.752* Recovery = 99.18%

Cu 327.393	61558.7	0.9295 mg/L	0.00436	0.9295 mg/L	0.00436	0.47%
Ag 328.068*†	68548.8	0.3785 mg/L	0.00008	0.3785 mg/L	0.00008	0.02%

QC value within limits for Ag 328.068* Recovery = 100.94%

Ti 334.940	216335.7	0.6038 mg/L	0.00249	0.6038 mg/L	0.00249	0.41%
Ti 336.121*†	251437.7	0.6106 mg/L	0.00016	0.6106 mg/L	0.00016	0.03%

QC value within limits for Ti 336.121* Recovery = 101.77%

Ag 338.289	33287.2	0.3755 mg/L	0.00301	0.3755 mg/L	0.00301	0.80%
Tl 351.924	6990.8	1.424 mg/L	0.0329	1.424 mg/L	0.0329	2.31%
Cr 357.869	29057.3	0.5840 mg/L	0.00579	0.5840 mg/L	0.00579	0.99%
Al 396.153	1266781.4	13.38 mg/L	0.073	13.38 mg/L	0.073	0.54%
Sr 407.771*†	395780.1	0.2955 mg/L	0.00177	0.2955 mg/L	0.00177	0.60%

QC value within limits for Sr 407.771* Recovery = 98.50%

Sr 421.552	160606.0	0.2996 mg/L	0.00301	0.2996 mg/L	0.00301	1.00%
Ca 422.673	432656.0	30.43 mg/L	0.164	30.43 mg/L	0.164	0.54%
Ba 455.403	1134265.5	6.997 mg/L	0.0845	6.997 mg/L	0.0845	1.21%
Li 460.286	20855.4	2.856 mg/L	0.0292	2.856 mg/L	0.0292	1.02%
Sr 460.733	103052.2	0.2721 mg/L	0.00168	0.2721 mg/L	0.00168	0.62%
Na 588.995	364918.4	33.97 mg/L	0.351	33.97 mg/L	0.351	1.03%
Na 589.592*†	296583.8	35.16 mg/L	0.247	35.16 mg/L	0.247	0.70%

QC value within limits for Na 589.592* Recovery = 97.67%

Li 610.362*†	812958.4	2.894 mg/L	0.0411	2.894 mg/L	0.0411	1.42%

QC value within limits for Li 610.362* Recovery = 96.46%

K 766.490*	68177.7	26.64 mg/L	0.148	26.64 mg/L	0.148	0.55%

QC value within limits for K 766.490* Recovery = 98.66%

All analytes passed QC.

Sequence No.: 15
Sample ID: CCB-1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/26/06 10:46:08 AM

Sample Prep Volume:
Data Type: Original

Mean Data: CCB-1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	206027.3	5.023	mg/L	0.1477				2.94%
Ho 339.898	38266.7	4.886	mg/L	0.1417				2.90%
Ho 345.600	67953.8	4.858	mg/L	0.1499				3.08%
Ho 347.426	24559.2	4.831	mg/L	0.1190				2.46%
Tb 350.917	26099.7	4.941	mg/L	0.1431				2.90%
Y 371.029	526617.8	4.998	mg/L	0.1117				2.24%
Tb 384.873	22577.3	4.784	mg/L	0.1511				3.16%
As 188.979†	-3.0	-0.0018	mg/L	0.00249	-0.0018	mg/L	0.00249	138.64%
Sn 189.927*†	9.4	0.0060	mg/L	0.00101	0.0060	mg/L	0.00101	16.75%
Tl 190.801*†	11.0	0.0070	mg/L	0.00107	0.0070	mg/L	0.00107	15.40%
Tl	9.5	0.0073	mg/L	0.00092	0.0073	mg/L	0.00092	12.63%
As 193.696*†	1.8	0.0011	mg/L	0.00025	0.0011	mg/L	0.00025	23.38%
Se 196.026*†	1.7	0.0011	mg/L	0.00301	0.0011	mg/L	0.00301	267.49%
Mo 202.031*†	5.5	0.0010	mg/L	0.00147	0.0010	mg/L	0.00147	142.58%
Zn 202.548	79.0	0.0022	mg/L	0.00051	0.0022	mg/L	0.00051	22.96%
Mo 203.845	6.0	0.0010	mg/L	0.00050	0.0010	mg/L	0.00050	52.39%
Se 203.985	-0.6	-0.0004	mg/L	0.00243	-0.0004	mg/L	0.00243	568.29%
Sb 206.836	2.7	0.0019	mg/L	0.00293	0.0019	mg/L	0.00293	152.44%
Sb	3.0	0.0029	mg/L	0.00167	0.0029	mg/L	0.00167	58.28%
P 213.617*†	-13.3	-0.0050	mg/L	0.00180	-0.0050	mg/L	0.00180	35.71%
Zn 213.857*†	132.4	0.0023	mg/L	0.00058	0.0023	mg/L	0.00058	25.46%
P 214.914	8.1	0.0028	mg/L	0.00081	0.0028	mg/L	0.00081	28.81%
Pb 217.000	-1.0	-0.0010	mg/L	0.00652	-0.0010	mg/L	0.00652	684.87%
Sb 217.582*†	12.6	0.0038	mg/L	0.00197	0.0038	mg/L	0.00197	51.68%
Pb 220.353*†	25.1	0.0030	mg/L	0.00081	0.0030	mg/L	0.00081	27.24%
Cd 226.502*†	44.6	0.0004	mg/L	0.00000	0.0004	mg/L	0.00000	1.15%
Co 228.616*†	34.6	0.0011	mg/L	0.00008	0.0011	mg/L	0.00008	7.39%
Cd 228.802	16.9	0.0004	mg/L	0.00007	0.0004	mg/L	0.00007	18.02%
Co 230.786	22.9	0.0009	mg/L	0.00000	0.0009	mg/L	0.00000	0.40%
Ni 231.604*†	28.2	0.0009	mg/L	0.00040	0.0009	mg/L	0.00040	46.70%
Ni 232.003	14.7	0.0011	mg/L	0.00033	0.0011	mg/L	0.00033	29.44%
Ba 233.527*†	300.4	0.0026	mg/L	0.00039	0.0026	mg/L	0.00039	14.81%
Fe 239.562	-44.6	-0.0129	mg/L	0.00047	-0.0129	mg/L	0.00047	3.61%
Sn 242.170	-45.8	-0.0109	mg/L	0.00978	-0.0109	mg/L	0.00978	89.39%
B 249.677*†	1726.3	0.0671	mg/L	0.00212	0.0671	mg/L	0.00212	3.16%
B 249.772	1071.0	0.0615	mg/L	0.00373	0.0615	mg/L	0.00373	6.07%
Si 251.611*†	88.0	0.0068	mg/L	0.00564	0.0068	mg/L	0.00564	82.78%
Mn 257.610*†	-154.3	-0.0006	mg/L	0.00031	-0.0006	mg/L	0.00031	52.45%
Mn 259.372	-79.6	-0.0003	mg/L	0.00003	-0.0003	mg/L	0.00003	10.59%
Fe 259.939	-66.1	-0.0101	mg/L	0.00015	-0.0101	mg/L	0.00015	1.47%
Cr 267.716*†	84.6	0.0009	mg/L	0.00081	0.0009	mg/L	0.00081	90.55%
Fe 273.955*†	-155.1	-0.0104	mg/L	0.00005	-0.0104	mg/L	0.00005	0.51%
Mg 279.077*†	142.5	0.0210	mg/L	0.00371	0.0210	mg/L	0.00371	17.72%
Mg 280.271	2530.5	0.0215	mg/L	0.00226	0.0215	mg/L	0.00226	10.47%
Si 288.158	73.5	0.0125	mg/L	0.00014	0.0125	mg/L	0.00014	1.16%
V 292.402*†	-6.5	-0.0003	mg/L	0.00153	-0.0003	mg/L	0.00153	548.04%
Al 308.215*†	12.4	0.0009	mg/L	0.01031	0.0009	mg/L	0.01031	>999.9%
V 310.230	1086.3	0.0135	mg/L	0.00444	0.0135	mg/L	0.00444	32.89%
Be 313.042*†	778.2	0.0003	mg/L	0.00004	0.0003	mg/L	0.00004	11.66%
Be 313.107	611.3	0.0002	mg/L	0.00003	0.0002	mg/L	0.00003	15.20%
Ca 317.933*†	282.3	0.0411	mg/L	0.02061	0.0411	mg/L	0.02061	50.21%
Cu 324.752*†	355.1	0.0028	mg/L	0.00044	0.0028	mg/L	0.00044	15.51%
Cu 327.393	115.9	0.0017	mg/L	0.00087	0.0017	mg/L	0.00087	49.64%
Ag 328.068*†	39.3	0.0002	mg/L	0.00032	0.0002	mg/L	0.00032	147.48%
QC value within limits for Ag 328.068* Recovery = Not calculated								
Ti 334.940	85.9	0.0002	mg/L	0.00032	0.0002	mg/L	0.00032	133.99%
Ti 336.121*†	87.2	0.0002	mg/L	0.00019	0.0002	mg/L	0.00019	90.75%
Ag 338.289	-1.5	0.0000	mg/L	0.00041	0.0000	mg/L	0.00041	>999.9%
Tl 351.924	17.9	0.0037	mg/L	0.00255	0.0037	mg/L	0.00255	69.74%

Cr 357.869	-0.2	0.0000 mg/L	0.00056	0.0000 mg/L	0.00056	>999.9%
Al 396.153	629.3	0.0066 mg/L	0.00012	0.0066 mg/L	0.00012	1.77%
Sr 407.771*†	358.6	0.0003 mg/L	0.00005	0.0003 mg/L	0.00005	19.45%
Sr 421.552	178.0	0.0003 mg/L	0.00012	0.0003 mg/L	0.00012	34.63%
Ca 422.673	483.7	0.0340 mg/L	0.00814	0.0340 mg/L	0.00814	23.93%
Ba 455.403	634.8	0.0039 mg/L	0.00123	0.0039 mg/L	0.00123	31.42%
Li 460.286	-497.9	-0.0682 mg/L	0.00138	-0.0682 mg/L	0.00138	2.03%
Sr 460.733	1073.6	0.0028 mg/L	0.00035	0.0028 mg/L	0.00035	12.43%
Na 588.995	5972.9	0.5560 mg/L	0.05497	0.5560 mg/L	0.05497	9.89%
Na 589.592*†	4861.6	0.5763 mg/L	0.00698	0.5763 mg/L	0.00698	1.21%
Li 610.362*†	1805.4	0.0064 mg/L	0.00661	0.0064 mg/L	0.00661	102.79%
K 766.490*	234.1	0.0915 mg/L	0.01551	0.0915 mg/L	0.01551	16.95%

All analytes passed QC.

Sequence No.: 1
Sample ID: 06-07-1032-F-1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 31
Date Collected: 7/26/06 10:47:45 AM

Sample Prep Volume:
Data Type: Original

Mean Data: 06-07-1032-F-1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	205946.5	5.021	mg/L	0.0068				0.14%
Y 371.029	522735.0	4.962	mg/L	0.0082				0.17%
Tb 350.917	26780.2	5.070	mg/L	0.0213				0.42%
Tb 384.873	23560.0	4.992	mg/L	0.0400				0.80%
Ho 345.600	71810.1	5.134	mg/L	0.0258				0.50%
Ho 339.898	38719.4	4.944	mg/L	0.0250				0.51%
Ho 347.426	24947.8	4.908	mg/L	0.0350				0.71%
Al 308.215*†	-164.3	-0.0108	mg/L	0.00111	-0.0108	mg/L	0.00111	10.23%
Al 396.153	1173.6	0.0124	mg/L	0.00096	0.0124	mg/L	0.00096	7.78%
B 249.677*†	8256.4	0.3209	mg/L	0.00131	0.3209	mg/L	0.00131	0.41%
B 249.772	5415.9	0.3111	mg/L	0.00294	0.3111	mg/L	0.00294	0.95%
Ba 233.527*†	28409.5	0.2483	mg/L	0.00057	0.2483	mg/L	0.00057	0.23%
Ca 317.933*†	937035.5	136.3	mg/L	0.82	136.3	mg/L	0.82	0.60%
Ca 422.673	1972447.1	138.7	mg/L	1.06	138.7	mg/L	1.06	0.77%
Fe 239.562	-14.5	-0.0042	mg/L	0.00146	-0.0042	mg/L	0.00146	34.82%
Fe 259.939	-17.7	-0.0027	mg/L	0.00017	-0.0027	mg/L	0.00017	6.33%
Fe 273.955*†	-21.3	-0.0014	mg/L	0.00174	-0.0014	mg/L	0.00174	121.28%
K 766.490*	13457.2	5.258	mg/L	0.0451	5.258	mg/L	0.0451	0.86%
Mg 279.077*†	168440.5	24.77	mg/L	0.162	24.77	mg/L	0.162	0.65%
Mg 280.271	2835290.4	24.12	mg/L	0.299	24.12	mg/L	0.299	1.24%
Mn 257.610*†	44465.3	0.1668	mg/L	0.00045	0.1668	mg/L	0.00045	0.27%
Mn 259.372	41675.0	0.1623	mg/L	0.00081	0.1623	mg/L	0.00081	0.50%
Na 588.995	449186.1	41.81	mg/L	0.487	41.81	mg/L	0.487	1.16%
Na 589.592*†	366383.7	43.43	mg/L	0.433	43.43	mg/L	0.433	1.00%
Si 251.611*†	121392.3	9.410	mg/L	0.0308	9.410	mg/L	0.0308	0.33%
Si 288.158	56097.5	9.525	mg/L	0.0335	9.525	mg/L	0.0335	0.35%

Sequence No.: 2
Sample ID: 06-07-1032-F-2
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 32
Date Collected: 7/26/06 10:50:08 AM
Sample Prep Volume:
Data Type: Original

Mean Data: 06-07-1032-F-2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	205718.6	5.015	mg/L	0.0166				0.33%
Y 371.029	522928.4	4.963	mg/L	0.0052				0.10%
Tb 350.917	26298.5	4.979	mg/L	0.0369				0.74%
Tb 384.873	23205.6	4.917	mg/L	0.0661				1.34%
Ho 345.600	70503.5	5.040	mg/L	0.0444				0.88%
Ho 339.898	38029.6	4.856	mg/L	0.0266				0.55%
Ho 347.426	24650.9	4.849	mg/L	0.0473				0.97%
Al 308.215*†	-58.9	-0.0034	mg/L	0.00224	-0.0034	mg/L	0.00224	66.72%
Al 396.153	1103.2	0.0116	mg/L	0.00048	0.0116	mg/L	0.00048	4.11%
B 249.677*†	8104.5	0.3150	mg/L	0.00102	0.3150	mg/L	0.00102	0.32%
B 249.772	5154.6	0.2961	mg/L	0.00005	0.2961	mg/L	0.00005	0.02%
Ba 233.527*†	28768.8	0.2514	mg/L	0.00025	0.2514	mg/L	0.00025	0.10%
Ca 317.933*†	950673.7	138.3	mg/L	1.11	138.3	mg/L	1.11	0.81%
Ca 422.673	1949346.0	137.1	mg/L	0.11	137.1	mg/L	0.11	0.08%
Fe 239.562	-33.2	-0.0096	mg/L	0.00129	-0.0096	mg/L	0.00129	13.39%
Fe 259.939	-51.6	-0.0079	mg/L	0.00010	-0.0079	mg/L	0.00010	1.30%
Fe 273.955*†	-79.8	-0.0054	mg/L	0.00045	-0.0054	mg/L	0.00045	8.42%
K 766.490*	13510.6	5.279	mg/L	0.0128	5.279	mg/L	0.0128	0.24%
Mg 279.077*†	172647.0	25.39	mg/L	0.192	25.39	mg/L	0.192	0.76%
Mg 280.271	2821083.4	24.00	mg/L	0.018	24.00	mg/L	0.018	0.07%
Mn 257.610*†	45300.0	0.1700	mg/L	0.00018	0.1700	mg/L	0.00018	0.11%
Mn 259.372	41836.4	0.1629	mg/L	0.00173	0.1629	mg/L	0.00173	1.06%
Na 588.995	448601.4	41.76	mg/L	0.128	41.76	mg/L	0.128	0.31%
Na 589.592*†	373502.9	44.28	mg/L	0.305	44.28	mg/L	0.305	0.69%
Si 251.611*†	124154.6	9.624	mg/L	0.1413	9.624	mg/L	0.1413	1.47%
Si 288.158	55806.0	9.476	mg/L	0.0844	9.476	mg/L	0.0844	0.89%

Sequence No.: 3
Sample ID: 06-07-1032-F-3
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 33
Date Collected: 7/26/06 10:52:26 AM

Sample Prep Volume:
Data Type: Original

Mean Data: 06-07-1032-F-3

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	205205.5	5.003	mg/L	0.0297				0.59%
Y 371.029	524781.1	4.981	mg/L	0.0228				0.46%
Tb 350.917	26822.4	5.078	mg/L	0.0374				0.74%
Tb 384.873	22725.4	4.815	mg/L	0.0643				1.34%
Ho 345.600	68315.2	4.884	mg/L	0.0360				0.74%
Ho 339.898	38511.8	4.917	mg/L	0.0505				1.03%
Ho 347.426	24623.7	4.844	mg/L	0.0336				0.69%
Al 308.215*†	-72.5	-0.0051	mg/L	0.00007	-0.0051	mg/L	0.00007	1.29%
Al 396.153	449.5	0.0047	mg/L	0.00042	0.0047	mg/L	0.00042	8.93%
B 249.677*†	871.0	0.0339	mg/L	0.00004	0.0339	mg/L	0.00004	0.12%
B 249.772	559.4	0.0321	mg/L	0.00037	0.0321	mg/L	0.00037	1.16%
Ba 233.527*†	32.6	0.0003	mg/L	0.00019	0.0003	mg/L	0.00019	67.50%
Ca 317.933*†	395.5	0.0575	mg/L	0.00100	0.0575	mg/L	0.00100	1.74%
Ca 422.673	693.8	0.0488	mg/L	0.01092	0.0488	mg/L	0.01092	22.39%
Fe 239.562	-11.7	-0.0034	mg/L	0.00058	-0.0034	mg/L	0.00058	17.00%
Fe 259.939	-20.6	-0.0031	mg/L	0.00021	-0.0031	mg/L	0.00021	6.66%
Fe 273.955*†	-31.9	-0.0021	mg/L	0.00025	-0.0021	mg/L	0.00025	11.56%
K 766.490*	90.0	0.0352	mg/L	0.01256	0.0352	mg/L	0.01256	35.71%
Mg 279.077*†	177.6	0.0261	mg/L	0.00116	0.0261	mg/L	0.00116	4.45%
Mg 280.271	2139.1	0.0182	mg/L	0.00001	0.0182	mg/L	0.00001	0.03%
Mn 257.610*†	81.3	0.0003	mg/L	0.00014	0.0003	mg/L	0.00014	46.77%
Mn 259.372	40.3	0.0002	mg/L	0.00001	0.0002	mg/L	0.00001	8.99%
Na 588.995	4740.4	0.4412	mg/L	0.00472	0.4412	mg/L	0.00472	1.07%
Na 589.592*†	3647.4	0.4324	mg/L	0.03161	0.4324	mg/L	0.03161	7.31%
Si 251.611*†	437.6	0.0339	mg/L	0.00147	0.0339	mg/L	0.00147	4.34%
Si 288.158	161.1	0.0274	mg/L	0.00322	0.0274	mg/L	0.00322	11.75%

Sequence No.: 6
Sample ID: CCV-1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 7/26/06 10:59:16 AM

Sample Prep Volume:
Data Type: Original

Mean Data: CCV-1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	204335.4	4.982	mg/L	0.0950				1.91%
Y 371.029	519932.2	4.935	mg/L	0.1021				2.07%
Tb 350.917	26478.8	5.013	mg/L	0.1026				2.05%
Tb 384.873	22382.5	4.743	mg/L	0.1188				2.51%
Ho 345.600	67958.1	4.858	mg/L	0.0856				1.76%
Ho 339.898	37752.6	4.821	mg/L	0.1103				2.29%
Ho 347.426	24506.6	4.821	mg/L	0.0854				1.77%
Al 308.215*†	190526.0	13.42	mg/L	0.102	13.42	mg/L	0.102	0.76%
QC value within limits for Al 308.215* Recovery = 99.41%								
Al 396.153	1264746.9	13.35	mg/L	0.177	13.35	mg/L	0.177	1.32%
B 249.677*†	96048.4	3.733	mg/L	0.0049	3.733	mg/L	0.0049	0.13%
B 249.772	62943.7	3.625	mg/L	0.0746	3.625	mg/L	0.0746	2.06%
Ba 233.527*†	893635.7	7.810	mg/L	0.0483	7.810	mg/L	0.0483	0.62%
QC value within limits for Ba 233.527* Recovery = 104.13%								
Ca 317.933*†	209404.3	30.46	mg/L	0.015	30.46	mg/L	0.015	0.05%
QC value within limits for Ca 317.933* Recovery = 101.52%								
Ca 422.673	422251.6	29.70	mg/L	0.653	29.70	mg/L	0.653	2.20%
Fe 239.562	12839.9	3.714	mg/L	0.0746	3.714	mg/L	0.0746	2.01%
Fe 259.939	25008.5	3.825	mg/L	0.0628	3.825	mg/L	0.0628	1.64%
Fe 273.955*†	56428.5	3.792	mg/L	0.0305	3.792	mg/L	0.0305	0.80%
QC value within limits for Fe 273.955* Recovery = 101.13%								
K 766.490*	68471.1	26.75	mg/L	0.451	26.75	mg/L	0.451	1.69%
QC value within limits for K 766.490* Recovery = 99.09%								
Mg 279.077*†	52503.6	7.721	mg/L	0.0503	7.721	mg/L	0.0503	0.65%
QC value within limits for Mg 279.077* Recovery = 102.95%								
Mg 280.271	878875.2	7.478	mg/L	0.1290	7.478	mg/L	0.1290	1.73%
Mn 257.610*†	203504.1	0.7655	mg/L	0.00495	0.7655	mg/L	0.00495	0.65%
QC value within limits for Mn 257.610* Recovery = 102.07%								
Mn 259.372	190215.9	0.7408	mg/L	0.01097	0.7408	mg/L	0.01097	1.48%
Na 588.995	353244.1	32.88	mg/L	0.607	32.88	mg/L	0.607	1.85%
Na 589.592*†	291721.1	34.58	mg/L	0.221	34.58	mg/L	0.221	0.64%
QC value within limits for Na 589.592* Recovery = 96.06%								
Si 251.611*†	81638.0	6.332	mg/L	0.0432	6.332	mg/L	0.0432	0.68%
Si 288.158	36333.8	6.170	mg/L	0.0765	6.170	mg/L	0.0765	1.24%

All analytes passed QC.

Sequence No.: 7
Sample ID: CCB-1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 7/26/06 11:01:16 AM

Sample Prep Volume:
Data Type: Original

Mean Data: CCB-1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	205394.5	5.007	mg/L	0.1023				2.04%
Y 371.029	525376.1	4.987	mg/L	0.0952				1.91%
Tb 350.917	26319.9	4.983	mg/L	0.1093				2.19%
Tb 384.873	22721.0	4.814	mg/L	0.1289				2.68%
Ho 345.600	68232.2	4.878	mg/L	0.1109				2.27%
Ho 339.898	38414.8	4.905	mg/L	0.1148				2.34%
Ho 347.426	24550.0	4.829	mg/L	0.0772				1.60%
Al 308.215*†	8.5	0.0006	mg/L	0.00776	0.0006	mg/L	0.00776	>999.9%
Al 396.153	563.2	0.0059	mg/L	0.00111	0.0059	mg/L	0.00111	18.64%
B 249.677*†	1453.4	0.0565	mg/L	0.00183	0.0565	mg/L	0.00183	3.25%
B 249.772	928.8	0.0533	mg/L	0.00120	0.0533	mg/L	0.00120	2.25%
Ba 233.527*†	339.2	0.0030	mg/L	0.00021	0.0030	mg/L	0.00021	7.20%
Ca 317.933*†	168.7	0.0245	mg/L	0.00331	0.0245	mg/L	0.00331	13.50%
Ca 422.673	319.2	0.0224	mg/L	0.00281	0.0224	mg/L	0.00281	12.51%
Fe 239.562	-49.2	-0.0142	mg/L	0.00028	-0.0142	mg/L	0.00028	1.97%
Fe 259.939	-90.5	-0.0138	mg/L	0.00224	-0.0138	mg/L	0.00224	16.21%
Fe 273.955*†	-187.4	-0.0126	mg/L	0.00181	-0.0126	mg/L	0.00181	14.35%
K 766.490*	142.0	0.0555	mg/L	0.02546	0.0555	mg/L	0.02546	45.88%
Mg 279.077*†	77.9	0.0115	mg/L	0.00672	0.0115	mg/L	0.00672	58.63%
Mg 280.271	775.9	0.0066	mg/L	0.00107	0.0066	mg/L	0.00107	16.18%
Mn 257.610*†	-94.8	-0.0004	mg/L	0.00020	-0.0004	mg/L	0.00020	57.10%
QC value within limits for Mn 257.610* Recovery = Not calculated								
Mn 259.372	-73.4	-0.0003	mg/L	0.00008	-0.0003	mg/L	0.00008	28.94%
Na 588.995	4122.9	0.3838	mg/L	0.02353	0.3838	mg/L	0.02353	6.13%
Na 589.592*†	3194.7	0.3787	mg/L	0.05552	0.3787	mg/L	0.05552	14.66%
Si 251.611*†	164.1	0.0127	mg/L	0.00613	0.0127	mg/L	0.00613	48.18%
Si 288.158	66.8	0.0113	mg/L	0.00009	0.0113	mg/L	0.00009	0.81%

All analytes passed QC.

Sequence No.: 58
Sample ID: ics ab end
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 7/26/06 5:45:20 PM
Sample Prep Volume:
Data Type: Original

Mean Data: ics ab end

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	211767.7	5.351	mg/L	0.0357				0.67%
Ho 339.898	38627.2	5.170	mg/L	0.0377				0.73%
Ho 345.600	70945.8	5.318	mg/L	0.0278				0.52%
Ho 347.426	24675.1	5.254	mg/L	0.0562				1.07%
Tb 350.917	27183.6	5.265	mg/L	0.0687				1.31%
Y 371.029	530541.9	5.315	mg/L	0.0430				0.81%
Tb 384.873	22721.5	5.237	mg/L	0.0174				0.33%
As 188.979†	1645.4	1.020	mg/L	0.0130	1.020	mg/L	0.0130	1.28%
Tl 190.801*†	1479.8	0.9659	mg/L	0.03498	0.9659	mg/L	0.03498	3.62%
Tl	1243.2	0.9939	mg/L	0.02021	0.9939	mg/L	0.02021	2.03%
As 193.696*†	1716.7	1.028	mg/L	0.0140	1.028	mg/L	0.0140	1.36%
Se 196.026*†	776.6	0.5008	mg/L	0.00258	0.5008	mg/L	0.00258	0.52%
Mo 202.031*†	1586.4	0.3016	mg/L	0.00450	0.3016	mg/L	0.00450	1.49%
Zn 202.548	11165.4	0.3154	mg/L	0.00350	0.3154	mg/L	0.00350	1.11%
Mo 203.845	1973.1	0.3182	mg/L	0.00107	0.3182	mg/L	0.00107	0.34%
Se 203.985	761.5	0.5155	mg/L	0.01211	0.5155	mg/L	0.01211	2.35%
Zn 206.200*†	8097.3	0.3155	mg/L	0.00363	0.3155	mg/L	0.00363	1.15%
Sb 206.836	1476.7	1.034	mg/L	0.0042	1.034	mg/L	0.0042	0.40%
Sb	1126.5	1.087	mg/L	0.0087	1.087	mg/L	0.0087	0.80%
Pb 217.000	1266.7	1.262	mg/L	0.0054	1.262	mg/L	0.0054	0.43%
Sb 217.582*†	3459.3	1.050	mg/L	0.0195	1.050	mg/L	0.0195	1.86%
Pb 220.353*†	8662.6	1.037	mg/L	0.0156	1.037	mg/L	0.0156	1.50%
Cd 226.502*†	37579.8	0.2945	mg/L	0.00211	0.2945	mg/L	0.00211	0.72%
Co 228.616*†	10387.1	0.3239	mg/L	0.00647	0.3239	mg/L	0.00647	2.00%
Cd 228.802	12660.8	0.3121	mg/L	0.00132	0.3121	mg/L	0.00132	0.42%
Co 230.786	8353.9	0.3263	mg/L	0.00104	0.3263	mg/L	0.00104	0.32%
Ni 231.604*†	10427.2	0.3245	mg/L	0.00579	0.3245	mg/L	0.00579	1.79%
Ni 232.003	4269.5	0.3242	mg/L	0.00141	0.3242	mg/L	0.00141	0.44%
Ba 233.527*†	35812.1	0.3092	mg/L	0.00184	0.3092	mg/L	0.00184	0.60%
Mn 257.610*†	53853.2	0.1961	mg/L	0.00139	0.1961	mg/L	0.00139	0.71%
Mn 259.372	90632.9	0.3629	mg/L	0.00214	0.3629	mg/L	0.00214	0.59%
Cr 267.716*†	29635.7	0.3157	mg/L	0.00200	0.3157	mg/L	0.00200	0.63%
Fe 273.955*†	1483638.6	100.8	mg/L	0.66	100.8	mg/L	0.66	0.66%
Mg 279.077*†	400902.9	57.70	mg/L	0.223	57.70	mg/L	0.223	0.39%
V 292.402*†	6749.2	0.2953	mg/L	0.00032	0.2953	mg/L	0.00032	0.11%
Al 308.215*†	358361.5	24.93	mg/L	0.163	24.93	mg/L	0.163	0.65%
V 310.230	24159.6	0.3042	mg/L	0.00257	0.3042	mg/L	0.00257	0.84%
Be 313.042*†	237683.9	0.1034	mg/L	0.00052	0.1034	mg/L	0.00052	0.50%
Be 313.107	313284.9	0.1057	mg/L	0.00087	0.1057	mg/L	0.00087	0.82%
Cu 324.752*†	37046.8	0.2987	mg/L	0.00320	0.2987	mg/L	0.00320	1.07%
Cu 327.393	20190.1	0.3155	mg/L	0.00062	0.3155	mg/L	0.00062	0.20%
Ag 328.068*†	55434.3	0.3059	mg/L	0.00092	0.3059	mg/L	0.00092	0.30%
Ag 338.289	28141.1	0.3167	mg/L	0.00364	0.3167	mg/L	0.00364	1.15%
Tl 351.924	4784.7	1.032	mg/L	0.0157	1.032	mg/L	0.0157	1.52%
Cr 357.869	16136.9	0.3194	mg/L	0.00135	0.3194	mg/L	0.00135	0.42%
Al 396.153	2445600.7	25.05	mg/L	0.011	25.05	mg/L	0.011	0.04%

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Metals and Mercury by EPA 6020 and EPA 7470A

Camp Dresser & McKee

CEL W.O. 06-07-1032

Hewitt Landfill Groundwater

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Dataset Report

User Name: xue-wen xu
Computer Name: ICP_MS02A
Dataset File Path: C:\elandata\Dataset\Data\06072801\
Report Date/Time: Friday, July 28, 2006 16:38:34

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	Sample	10:24:44 Fri 28-Jul-06	Sample	Sample.001	
	Sample	10:31:07 Fri 28-Jul-06	Sample	Sample.002	
SmartTune - B	Nebulizer Gas	10:36:28 Fri 28-Jul-06	Sample	Nebulizer Gas.003	
SmartTune - B	Lens Voltage	10:38:50 Fri 28-Jul-06	Sample	Lens Voltage.004	
SmartTune - B	Auto Lens Calibration	10:41:13 Fri 28-Jul-06	Sample	Auto Lens Calibration.005	
SmartTune - B	Daily Performance Check	10:43:06 Fri 28-Jul-06	Sample	Daily Performance Check.006	
06072801	daily performence check	10:46:37 Fri 28-Jul-06	Sample	daily performence check.007	
SmartTune - B	Nebulizer Gas	10:55:33 Fri 28-Jul-06	Sample	Nebulizer Gas.008	
SmartTune - B	Lens Voltage	10:57:56 Fri 28-Jul-06	Sample	Lens Voltage.009	
SmartTune - B	Auto Lens Calibration	11:00:19 Fri 28-Jul-06	Sample	Auto Lens Calibration.010	
SmartTune - B	Daily Performance Check	11:02:13 Fri 28-Jul-06	Sample	Daily Performance Check.011	
SmartTune - B	Nebulizer Gas	11:09:39 Fri 28-Jul-06	Sample	Nebulizer Gas.012	
SmartTune - B	Lens Voltage	11:12:02 Fri 28-Jul-06	Sample	Lens Voltage.013	
SmartTune - B	Auto Lens Calibration	11:14:25 Fri 28-Jul-06	Sample	Auto Lens Calibration.014	
SmartTune - B	Daily Performance Check	11:16:18 Fri 28-Jul-06	Sample	Daily Performance Check.015	
SmartTune - B	Lens Voltage	11:19:29 Fri 28-Jul-06	Sample	Lens Voltage.016	
SmartTune - B	Auto Lens Calibration	11:21:52 Fri 28-Jul-06	Sample	Auto Lens Calibration.017	
SmartTune - B	Daily Performance Check	11:23:46 Fri 28-Jul-06	Sample	Daily Performance Check.018	
06072801	blank	11:33:03 Fri 28-Jul-06	Sample	blank.019	water
06072801	blank	11:38:01 Fri 28-Jul-06	Sample	blank.020	water
	Blank	11:43:02 Fri 28-Jul-06	Blank	Blank.021	
	Standard 1	11:48:12 Fri 28-Jul-06	Standard #1	Standard 1.022	
	ICV	11:54:26 Fri 28-Jul-06	QC Std #2	ICV.023	
	CCV	11:59:59 Fri 28-Jul-06	QC Std #3	CCV.024	
	CCB	12:05:33 Fri 28-Jul-06	QC Std #6	CCB.025	
	CCB	12:11:47 Fri 28-Jul-06	QC Std #7	CCB.026	
06072801	1ppb	12:16:51 Fri 28-Jul-06	Sample	1ppb.027	water
06072801	5ppb	12:21:51 Fri 28-Jul-06	Sample	5ppb.028	water
06072801	ICS_AB	12:26:51 Fri 28-Jul-06	Sample	ICS_AB.029	water
06072801	ICS_A	12:31:52 Fri 28-Jul-06	Sample	ICS_A.030	water
06072801	ICV_2	12:36:52 Fri 28-Jul-06	Sample	ICV_2.031	water
06072801	blank	12:41:51 Fri 28-Jul-06	Sample	blank.032	water
06072801	blank	12:46:50 Fri 28-Jul-06	Sample	blank.033	water
06072801	060727b01	12:51:48 Fri 28-Jul-06	Sample	060727b01.034	water
	CCV	12:56:48 Fri 28-Jul-06	QC Std #3	CCV.035	
	CCB	13:02:22 Fri 28-Jul-06	QC Std #6	CCB.036	
	CCB	13:08:36 Fri 28-Jul-06	QC Std #7	CCB.037	
	Blank	13:17:08 Fri 28-Jul-06	Blank	Blank.038	
	Standard 1	13:22:19 Fri 28-Jul-06	Standard #1	Standard 1.039	
	ICV	13:28:33 Fri 28-Jul-06	QC Std #2	ICV.040	
	CCV	13:34:07 Fri 28-Jul-06	QC Std #3	CCV.041	
	CCB	13:39:42 Fri 28-Jul-06	QC Std #6	CCB.042	
	CCB	13:45:56 Fri 28-Jul-06	QC Std #7	CCB.043	
06072801	060727b01	13:51:00 Fri 28-Jul-06	Sample	060727b01.044	water

06072801	060727b01	13:55:59 Fri 28-Jul-06	Sample	060727b01.045	water
06072801	060727L01	14:00:58 Fri 28-Jul-06	Sample	060727L01.046	water
06072801	060727L01d	14:05:57 Fri 28-Jul-06	Sample	060727L01d.047	water
06072801	060725-I-01	14:11:10 Fri 28-Jul-06	Sample	060725-I-01.048	soil
06072801	060725-I-01d	14:16:23 Fri 28-Jul-06	Sample	060725-I-01d.049	soil
06072801	06-07-1032-2ms	14:21:19 Fri 28-Jul-06	Sample	06-07-1032-2ms.050	water
06072801	06-07-1032-2msd	14:26:19 Fri 28-Jul-06	Sample	06-07-1032-2msd.051	water
06072801	06-07-1032-2ps	14:31:19 Fri 28-Jul-06	Sample	06-07-1032-2ps.052	water
06072801	06-07-1032-2psd	14:36:19 Fri 28-Jul-06	Sample	06-07-1032-2psd.053	water
	CCV	14:41:19 Fri 28-Jul-06	QC Std #3	CCV.054	
	CCB	14:46:54 Fri 28-Jul-06	QC Std #6	CCB.055	
	CCB	14:53:08 Fri 28-Jul-06	QC Std #7	CCB.056	
06072801	blank	14:58:12 Fri 28-Jul-06	Sample	blank.057	water
06072801	blank	15:03:14 Fri 28-Jul-06	Sample	blank.058	water
06072801	06-07-1032-x5-2	15:08:15 Fri 28-Jul-06	Sample	06-07-1032-x5-2.059	water
06072801	06-07-1032-1	15:13:16 Fri 28-Jul-06	Sample	06-07-1032-1.060	water
06072801	06-07-1032-2	15:18:18 Fri 28-Jul-06	Sample	06-07-1032-2.061	water
06072801	06-07-1032-3	15:23:18 Fri 28-Jul-06	Sample	06-07-1032-3.062	water
	CCV	15:38:16 Fri 28-Jul-06	Sample	CCV.063	
	CCV	15:43:17 Fri 28-Jul-06	QC Std #3	CCV.064	
	ICS AB	15:48:53 Fri 28-Jul-06	QC Std #4	ICS AB.065	
	ICS A	15:54:29 Fri 28-Jul-06	QC Std #5	ICS A.066	
	CCB	16:00:04 Fri 28-Jul-06	QC Std #6	CCB.067	
06072801	06-07-1047-x10-8 r	16:08:47 Fri 28-Jul-06	Sample	06-07-1047-x10-8 r.068	soil
06072801	06-07-0902-2msx10 r	16:13:45 Fri 28-Jul-06	Sample	06-07-0902-2msx10 r.069	soil
	CCV	16:18:43 Fri 28-Jul-06	QC Std #3	CCV.070	
	CCB	16:24:14 Fri 28-Jul-06	QC Std #6	CCB.071	

METALS SAMPLE PREPARATION

Calscience Environmental Laboratories, Inc.

MetPrep.xlw

MS Batch ID: 060727-501 -MS

Reagent Lot ID: 1a [illegible] 1b _____ 2a [illegible] 2b _____ 3a _____ 3b _____

* If digestion is not required due to turbidity < 1NTU, then record the turbidity run date.

Date*	Matrix (S=Soil A=Aqueous Other(specify))	pH	Turb. (NTU)	Temp. (°C)	CEL ID Number	Analyte	Sample W(g)/Vol(mL) Initial	Sample W(g)/Vol(mL) Final	Reagent Lot Number (enter # above)	Reagent 1=HNO3 2=HCl 3=H2O2	MS/LCS added Lot Number	MS/LCS added Conc (ppm)	MS/LCS added Vol (mL)	Who
07/27/06	S A O	<2	[illegible]	[illegible]	Spike Sample 06-07-1072-2	metal	50	50	1a 1b 2a 2b 3a 3b	1 2 3	[illegible]	100	2.0	JD
	S A O				Spike Duplicate				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				060727-201				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				060727-B01D				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				060727-B01				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O	<2			06-07-1032-1	metal			1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				-2				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				-3				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				06-07-1167-1	Pb			1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				06-07-1072-1	metal			1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				-2				1a 1b 2a 2b 3a 3b	2 3				
	S A O				06-07-1126-2	Se			1a 1b 2a 2b 3a 3b	2 3				
	S A O				06-07-1004-1	metal			1a 1b 2a 2b 3a 3b	1 2 3	F1			
	S A O				06-07-1269-1	metal			1a 1b 2a 2b 3a 3b	2 3				
	S A O				-2				1a 1b 2a 2b 3a 3b	2 3				
	S A O				-3				1a 1b 2a 2b 3a 3b	2 3				
	S A O				-4				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				-5				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				-6				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				06-07-1316-1	metal			1a 1b 2a 2b 3a 3b	1 2 3	F1			
	S A O				-2				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				06-07-1258-1	metal			1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				-2				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				06-07-1249-1	Total			1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				06-07-1248-1	Cu			1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				
	S A O								1a 1b 2a 2b 3a 3b	1 2 3				

Comments: _____

Reviewed by: _____ Date: ____ / ____ / ____

04/30/97 Revision

Instrument Tuning Report

File Name: default.tun
File Path: C:\elandata\Tuning

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas. Pk. Width	Custom Res
C	12.000	12.078	2750	2090	0.650	
Mg	23.985	24.079	5698	2130	0.615	
Mg	24.986	25.079	5866	2080	0.592	
Mg	25.983	26.177	6200	2110	0.627	
Ar2	75.930	75.979	18310	2100	0.633	
Rh	102.905	102.978	24872	2105	0.630	
Ce	139.905	139.929	33866	2110	0.646	
Pb	205.975	206.079	49961	2130	0.602	
Pb	206.976	207.029	50219	2160	0.609	
Pb	207.977	208.078	50438	2145	0.560	
U	238.050	238.075	57770	2170	0.582	

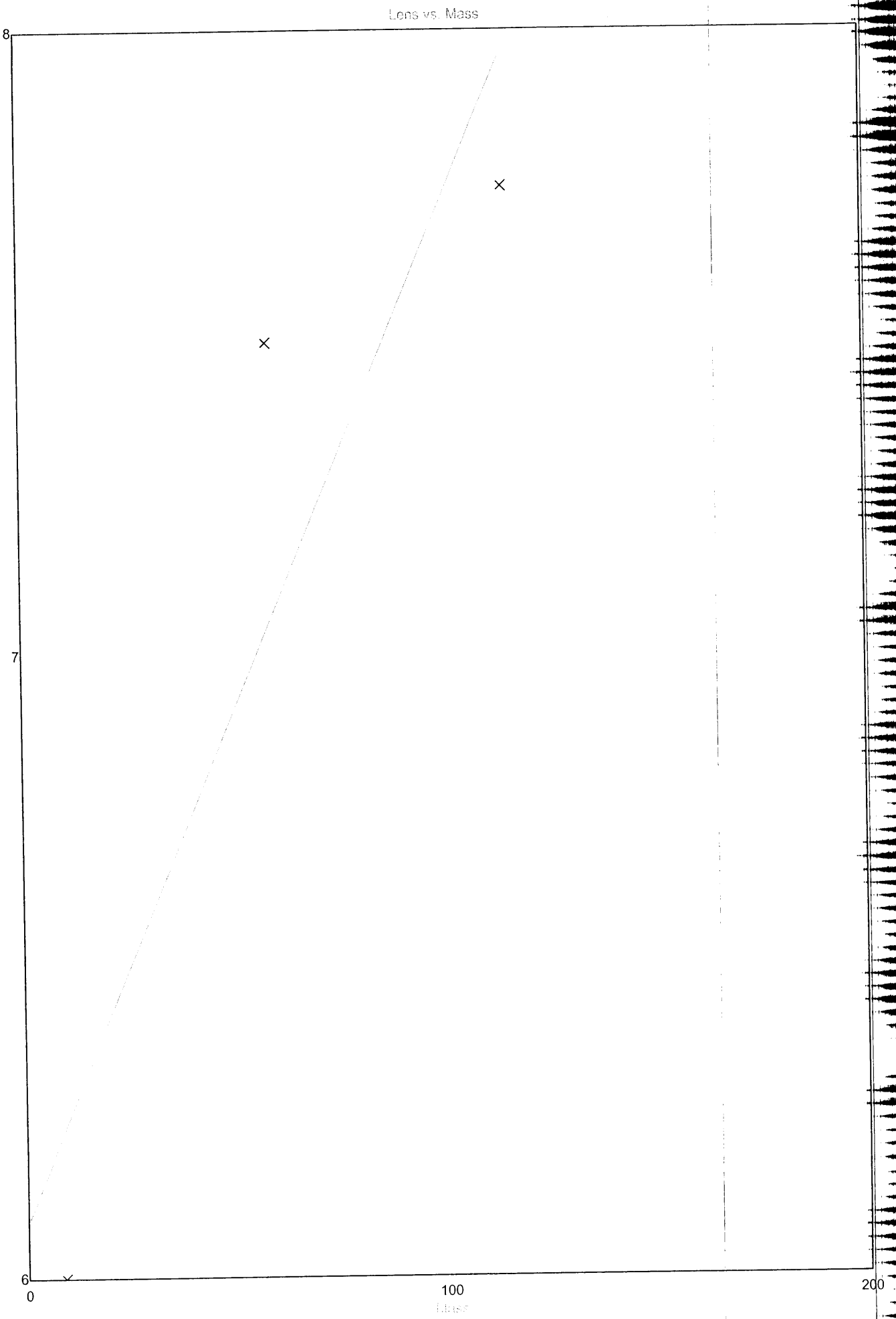
Report Date/Time: Friday, July 28, 2006 10:28:50

Instrument Tuning Report

File Name: default.tun
File Path: C:\elandata\Tuning

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas. Pk. Width	Custom Res
C	12.000	11.978	2744	2090	0.646	
Mg	23.985	24.029	5708	2100	0.740	
Mg	24.986	25.029	5876	2060	0.656	
Mg	25.983	25.879	6175	2100	0.637	
Ar2	75.930	75.929	18309	2100	0.640	
Rh	102.905	102.929	24877	2105	0.634	
Ce	139.905	139.978	33883	2110	0.635	
Pb	205.975	205.979	49961	2115	0.674	
Pb	206.976	207.029	50231	2145	0.646	
Pb	207.977	207.978	50438	2110	0.649	
U	238.050	238.026	57764	2140	0.671	

Report Date/Time: Friday, July 28, 2006 10:35:12


Lens vs. Mass
8
7
6
0
100
200

Daily Performance Report

Sample ID: Daily Performance Check
Sample Date/Time: Friday, July 28, 2006 11:23:46
Sample Description:
Method File: C:\elandata\Method\CEL_Daily performence.mth
Dataset File: C:\elandata\Dataset\data\06072801\Daily Performance Check.018
Tuning File: C:\elandata\Tuning\default.tun
Optimization File: C:\elandata\Optimize\default.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 35
Current Dead Time (ns): 35

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	28621.6	28621.645	273.007	1.0
	Co	58.9	101722.0	101721.968	1851.039	1.8
	Rh	102.9	223305.8	223305.843	1772.136	0.8
	In	114.9	261046.5	261046.494	1410.315	0.5
	U	238.1	339131.6	339131.590	4909.070	1.4
⌈>	Ce	139.9	240396.5	240396.471	1724.671	0.7
⌊	CeO	155.9	8322.5	0.035	0.001	1.5
⌈>	Ba	137.9	192689.1	192689.108	2745.424	1.4
⌊	Ba++	69.0	5081.9	0.026	0.000	1.4
	220	220.0	1.4	1.400	1.194	85.3
	8.5	8.5	2.5	2.500	1.696	67.8

Current Optimization File Data

Current Value	Description
0.95	Nebulizer Gas Flow [NEB]
1.20	Auxiliary Gas Flow
15.00	Plasma Gas Flow
7.50	Lens Voltage
1200.00	ICP RF Power
-2000.00	Analog Stage Voltage
1050.00	Pulse Stage Voltage
0.00	Quadrupole Rod Offset Std [QRO]
-15.00	Cell Rod Offset Std [CRO]
60.00	Discriminator Threshold
-15.00	Cell Path Voltage Std [CPV]
0.00	RPa
0.25	RPq
0.98	DRC Mode NEB
-6.50	DRC Mode QRO
-1.50	DRC Mode CRO
-19.00	DRC Mode CPV
0.00	Cell Gas A

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	53	6.0	2698.3
Co	59	53	7.5	110477.5
In	115	53	7.8	265274.3

SAMPLE INFORMATION

Sample ID: Blank

Sample Description:

Autosampler Position: 13

Sample Date/Time: Friday, July 28, 2006 11:43:02

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\Blank.021

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	11630		ppb	2.2	
Be	9		3		ppb	69.3	
B	11		321		ppb	21.3	
Sc	45		193142		ppb	2.4	
Sc-1	45		193142		ppb	2.4	
Al	27		7746		ppb	3.3	
Mg	24		1526		ppb	7.1	
Ti	47		5259		ppb	0.7	
V	51		-17688		ppb	86.3	
Cr	52		24802		ppb	2.9	
Mn	55		1884		ppb	3.6	
Fe	54		29418		ppb	4.6	
Fe	57		7087		ppb	0.8	
Fe	56		1582746		ppb	4.3	
Co	59		104		ppb	4.9	
Ni	60		251		ppb	3.3	
Cu	63		1201		ppb	7.5	
Cu	65		826		ppb	6.9	
As	75		-1460		ppb	51.4	
As-1	75		7346		ppb	9.3	
Se	78		8690		ppb	1.2	
Se	82		-28		ppb	9.1	
Sr	88		482		ppb	8.7	
Y	89	>	426561		mg/L	3.0	
Zn	66		1812		ppb	4.7	
Zn	68		1475		ppb	2.6	
Y-1	89		426561		ppb	3.0	
Mo	95		374		ppb	7.7	
In	115	>	390644		ppb	1.7	
Ag	107		376		ppb	4.9	
Cd	111		64		ppb	12.2	
Cd-1	111		296		ppb	3.8	
Sn	118		1541		ppb	6.8	
Sb	123		1780		ppb	5.7	
Ba	135		59		ppb	11.2	
Tb	159		512215		ppb	1.4	
Mo	92		75		ppb	23.8	
Mo	98		140		ppb	7.2	
Ho	165		556180		ppb	2.1	
Tl	203		201		ppb	3.8	
Pb	207		1278		ppb	2.3	
Bi	209	>	413569		ppb	4.1	
As-O	91		32		ppb	25.0	
Se-O	78		19		ppb	20.3	
In_O	115	>	237322		ppb	1.1	

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: Standard 1

Sample Description:

Autosampler Position: 3

Sample Date/Time: Friday, July 28, 2006 11:48:12

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\Standard 1.022

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	⌈>	11551		ppb	2.4	11630
Be	9	|	41371	200.0000	ppb	2.6	3
B	11	|	122722	500.0000	ppb	2.4	321
Sc	45	⌊	190803	500.0000	ppb	4.5	193142
Sc-1	45	⌈	190803		ppb	4.5	193142
Al	27	|	770733	200.0000	ppb	3.3	7746
Mg	24	|	428291	200.0000	ppb	1.8	1526
Ti	47	|	130580	200.0000	ppb	4.5	5259
V	51	|	1532781	200.0000	ppb	6.1	-17688
Cr	52	|	1385569	200.0000	ppb	5.3	24802
Mn	55	|	2215441	200.0000	ppb	1.8	1884
Fe	54	|	142769	200.0000	ppb	3.5	29418
Fe	57	|	56813	200.0000	ppb	3.3	7087
Fe	56	|	3439703	200.0000	ppb	3.6	1582746
Co	59	|	1791087	200.0000	ppb	5.5	104
Ni	60	|	429278	200.0000	ppb	6.7	251
Cu	63	|	936552	200.0000	ppb	4.7	1201
Cu	65	|	460761	200.0000	ppb	3.7	826
As	75	|	331911	200.0000	ppb	1.4	-1460
As-1	75	|	330401	200.0000	ppb	1.8	7346
Se	78	|	95803	200.0000	ppb	3.7	8690
Se	82	|	35702	200.0000	ppb	2.4	-28
Sr	88	|	3707816	200.0000	ppb	0.7	482
Y	89	|>	420591		mg/L	0.8	426561
Zn	66	|	302718	200.0000	ppb	2.9	1812
Zn	68	⌊	217264	200.0000	ppb	3.0	1475
Y-1	89	⌈	420591		ppb	0.8	426561
Mo	95	|	587202	200.0000	ppb	2.1	374
In	115	|>	389344		ppb	2.4	390644
Ag	107	|	1562804	200.0000	ppb	1.8	376
Cd	111	|	386195	200.0000	ppb	2.7	64
Cd-1	111	|	384471	200.0000	ppb	2.6	296
Sn	118	|	1017367	200.0000	ppb	1.6	1541
Sb	123	|	823925	200.0000	ppb	1.3	1780
Ba	135	|	289252	200.0000	ppb	3.2	59
Tb	159	|	505818		ppb	1.8	512215
Mo	92	|	518912	200.0000	ppb	2.5	75
Mo	98	⌊	916705	200.0000	ppb	1.6	140
Ho	165	⌈	544968		ppb	3.0	556180
Tl	203	|	1816264	200.0000	ppb	2.1	201
Pb	207	|	5015198	200.0000	ppb	1.2	1278
Bi	209	⌊>	413883		ppb	3.7	413569
As-O	91	⌈	68422	200.0000	ppb	1.3	32
Se-O	78	|	33523	200.0000	ppb	0.6	19
In_O	115	⌊>	251909		ppb	0.4	237322

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: ICV

Sample Description:

Autosampler Position: 6

Sample Date/Time: Friday, July 28, 2006 11:54:26

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\ICV.023

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	11438		ppb	2.8	11630
Be	9		20803	101.5815	ppb	2.2	3
B	11		26789	109.2371	ppb	4.6	321
Sc	45		186740	1811.5497	ppb	7.1	193142
Sc-1	45		186740		ppb	7.1	193142
Al	27		385796	101.6616	ppb	6.9	7746
Mg	24		210800	100.6996	ppb	3.9	1526
Ti	47		69042	104.6186	ppb	6.5	5259
V	51		791273	106.9594	ppb	6.3	-17688
Cr	52		717240	104.5956	ppb	2.1	24802
Mn	55		1112063	102.8838	ppb	4.3	1884
Fe	54		80496	94.2677	ppb	4.8	29418
Fe	57		30910	99.1760	ppb	5.9	7087
Fe	56		2560258	113.3357	ppb	4.4	1582746
Co	59		936542	107.3168	ppb	3.2	104
Ni	60		211490	101.1179	ppb	1.1	251
Cu	63		445607	97.5887	ppb	2.0	1201
Cu	65		219981	97.8371	ppb	5.6	826
As	75		167218	103.7861	ppb	2.5	-1460
As-1	75		170602	103.8323	ppb	2.9	7346
Se	78		51204	100.8946	ppb	2.6	8690
Se	82		17551	101.0446	ppb	2.6	-28
Sr	88		1821273	100.7928	ppb	2.2	482
Y	89	>	409956		mg/L	2.6	426561
Zn	66		154961	104.4435	ppb	5.1	1812
Zn	68		113707	106.7095	ppb	4.5	1475
Y-1	89		409956		ppb	2.6	426561
Mo	95		293922	101.2134	ppb	1.5	374
In	115	>	384823		ppb	1.5	390644
Ag	107		427559	55.3278	ppb	3.0	376
Cd	111		196389	102.8989	ppb	2.1	64
Cd-1	111		195479	102.8213	ppb	2.0	296
Sn	118		498426	98.9521	ppb	1.6	1541
Sb	123		408722	100.0984	ppb	3.2	1780
Ba	135		144195	100.8430	ppb	3.2	59
Tb	159		501252		ppb	2.0	512215
Mo	92		261306	101.8835	ppb	1.9	75
Mo	98		462697	102.0968	ppb	0.6	140
Ho	165		543174		ppb	2.1	556180
Tl	203		892863	101.1534	ppb	1.9	201
Pb	207		2568631	105.3845	ppb	1.9	1278
Bi	209	>	402002		ppb	2.7	413569
As-O	91		33629	102.9132	ppb	1.7	32
Se-O	78		16222	101.3092	ppb	1.7	19
In_O	115	>	240505		ppb	1.2	237322

QC Out Of Limits

Mass	Analyte	Out of Limits Message
107	Ag	

SAMPLE INFORMATION

Sample ID: CCV

Sample Description:

Autosampler Position: 4

Sample Date/Time: Friday, July 28, 2006 11:59:59

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\CCV.024

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	⌈>	11620		ppb	2.2	11630
Be	9	|	19863	95.4944	ppb	2.1	3
B	11	|	61542	248.6801	ppb	3.9	321
Sc	45	⌊	186863	3423.3726	ppb	6.8	193142
Sc-1	45	⌈	186863		ppb	6.8	193142
Al	27	|	383915	98.6385	ppb	6.4	7746
Mg	24	|	212716	99.0973	ppb	4.5	1526
Ti	47	|	66435	97.6835	ppb	3.7	5259
V	51	|	768708	101.4336	ppb	4.2	-17688
Cr	52	|	697492	99.0551	ppb	2.4	24802
Mn	55	|	1127359	101.7156	ppb	3.5	1884
Fe	54	|	92328	111.4187	ppb	6.0	29418
Fe	57	|	31708	99.1684	ppb	6.1	7087
Fe	56	|	2622190	112.9942	ppb	4.6	1582746
Co	59	|	936422	104.6526	ppb	2.0	104
Ni	60	|	213073	99.3605	ppb	2.1	251
Cu	63	|	467949	99.9570	ppb	3.5	1201
Cu	65	|	229598	99.5703	ppb	5.3	826
As	75	|	163118	98.7500	ppb	2.7	-1460
As-1	75	|	166298	98.4564	ppb	2.9	7346
Se	78	|	48961	92.7235	ppb	1.2	8690
Se	82	|	16803	94.3242	ppb	1.4	-28
Sr	88	|	1836818	99.1490	ppb	1.3	482
Y	89	|>	420505		mg/L	3.1	426561
Zn	66	|	147544	96.9164	ppb	4.1	1812
Zn	68	⌊	106531	97.3521	ppb	5.1	1475
Y-1	89	⌈	420505		ppb	3.1	426561
Mo	95	|	293810	101.0224	ppb	1.4	374
In	115	|>	385438		ppb	1.3	390644
Ag	107	|	789670	102.0353	ppb	2.2	376
Cd	111	|	184899	96.7114	ppb	1.1	64
Cd-1	111	|	184029	96.6246	ppb	0.9	296
Sn	118	|	507874	100.6992	ppb	1.8	1541
Sb	123	|	417878	102.2206	ppb	1.9	1780
Ba	135	|	142711	99.6169	ppb	2.5	59
Tb	159	|	512004		ppb	2.4	512215
Mo	92	|	261253	101.7058	ppb	0.8	75
Mo	98	⌊	463667	102.1622	ppb	2.1	140
Ho	165	⌈	554987		ppb	3.8	556180
Tl	203	|	932571	102.4221	ppb	3.7	201
Pb	207	|	2561988	101.8510	ppb	2.6	1278
Bi	209	⌊>	414865		ppb	2.9	413569
As-O	91	⌈	32303	95.4708	ppb	0.6	32
Se-O	78	|	15384	92.8083	ppb	2.7	19
In_O	115	⌊>	249025		ppb	1.1	237322

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: CCB

Sample Description:

Autosampler Position: 7

Sample Date/Time: Friday, July 28, 2006 12:05:33

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\CCB.025

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	11888		ppb	2.0	11630
Be	9		9	0.0262	ppb	11.1	3
B	11		1021	2.7497	ppb	17.7	321
Sc	45		191226	3324.7774	ppb	5.2	193142
Sc-1	45		191226		ppb	5.2	193142
Al	27		11479	1.0344	ppb	2.3	7746
Mg	24		5201	1.7552	ppb	2.8	1526
Ti	47		5240	0.1681	ppb	1.1	5259
V	51		-14989	0.3033	ppb	63.7	-17688
Cr	52		20863	-0.4974	ppb	2.3	24802
Mn	55		2899	0.0965	ppb	5.1	1884
Fe	54		47484	33.2608	ppb	5.3	29418
Fe	57		9289	9.5771	ppb	2.8	7087
Fe	56		1652011	11.3768	ppb	1.2	1582746
Co	59		281	0.0201	ppb	11.5	104
Ni	60		326	0.0380	ppb	5.3	251
Cu	63		1239	0.0145	ppb	5.1	1201
Cu	65		869	0.0271	ppb	6.6	826
As	75		-552	0.5244	ppb	89.3	-1460
As-1	75		7822	0.4006	ppb	4.5	7346
Se	78		8727	0.5574	ppb	0.6	8690
Se	82		144	0.9649	ppb	26.2	-28
Sr	88		1408	0.0510	ppb	3.8	482
Y	89	>	416779		mg/L	2.6	426561
Zn	66		2400	0.4222	ppb	3.7	1812
Zn	68		1833	0.3656	ppb	6.5	1475
Y-1	89		416779		ppb	2.6	426561
Mo	95		2663	0.8088	ppb	16.9	374
In	115	>	378260		ppb	1.9	390644
Ag	107		2415	0.2710	ppb	26.6	376
Cd	111		93	0.0164	ppb	10.0	64
Cd-1	111		321	0.0182	ppb	7.8	296
Sn	118		4083	0.5258	ppb	11.3	1541
Sb	123		15143	3.3668	ppb	20.5	1780
Ba	135		180	0.0874	ppb	6.4	59
Tb	159		508054		ppb	1.9	512215
Mo	92		2062	0.7911	ppb	17.2	75
Mo	98		3853	0.8364	ppb	18.6	140
Ho	165		552340		ppb	2.2	556180
Tl	203		1590	0.1555	ppb	22.2	201
Pb	207		2607	0.0543	ppb	9.0	1278
Bi	209	>	409069		ppb	2.6	413569
As-O	91		109	0.2412	ppb	3.2	32
Se-O	78		95	0.4820	ppb	3.3	19
In_O	115	>	235784		ppb	0.7	237322

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: CCB

Sample Description:

Autosampler Position: 8

Sample Date/Time: Friday, July 28, 2006 12:11:47

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\CCB.026

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	11912		ppb	2.8	11630
Be	9		3	-0.0005	ppb	34.6	3
B	11		614	1.1323	ppb	4.4	321
Sc	45		192667	2826.3409	ppb	5.6	193142
Sc-1	45		192667		ppb	5.6	193142
Al	27		10608	0.7955	ppb	3.0	7746
Mg	24		3159	0.7846	ppb	1.3	1526
Ti	47		5198	0.0688	ppb	2.2	5259
V	51		-15442	0.2243	ppb	69.6	-17688
Cr	52		21203	-0.4593	ppb	3.9	24802
Mn	55		2767	0.0837	ppb	4.1	1884
Fe	54		49493	36.5367	ppb	1.4	29418
Fe	57		10430	14.0289	ppb	7.3	7087
Fe	56		1706194	16.4312	ppb	5.7	1582746
Co	59		144	0.0047	ppb	5.9	104
Ni	60		279	0.0157	ppb	6.4	251
Cu	63		976	-0.0432	ppb	1.3	1201
Cu	65		747	-0.0276	ppb	5.4	826
As	75		-424	0.6042	ppb	120.8	-1460
As-1	75		7820	0.3809	ppb	7.2	7346
Se	78		8605	0.1983	ppb	2.8	8690
Se	82		146	0.9798	ppb	13.9	-28
Sr	88		769	0.0161	ppb	4.7	482
Y	89	>	418202		mg/L	2.4	426561
Zn	66		2053	0.1845	ppb	3.9	1812
Zn	68		1597	0.1405	ppb	6.0	1475
Y-1	89		418202		ppb	2.4	426561
Mo	95		1115	0.2621	ppb	4.8	374
In	115	>	380480		ppb	2.4	390644
Ag	107		695	0.0431	ppb	9.6	376
Cd	111		64	0.0011	ppb	7.3	64
Cd-1	111		301	0.0065	ppb	7.5	296
Sn	118		2670	0.2357	ppb	1.4	1541
Sb	123		6274	1.1312	ppb	5.0	1780
Ba	135		183	0.0890	ppb	12.8	59
Tb	159		507346		ppb	2.2	512215
Mo	92		720	0.2554	ppb	7.2	75
Mo	98		1265	0.2520	ppb	6.6	140
Ho	165		549688		ppb	2.4	556180
Tl	203		619	0.0467	ppb	8.6	201
Pb	207		1376	0.0046	ppb	5.3	1278
Bi	209	>	409198		ppb	2.8	413569
As-O	91		53	0.0625	ppb	13.2	32
Se-O	78		24	0.0266	ppb	17.1	19
In_O	115	>	239948		ppb	0.9	237322

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: 1ppb

Sample Description: water

Autosampler Position: 9

Sample Date/Time: Friday, July 28, 2006 12:16:51

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\1ppb.027

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	11706		ppb	3.1	11630
Be	9		199	0.9334	ppb	3.3	3
B	11		1082	3.0577	ppb	4.4	321
Sc	45		186428	4395.8325	ppb	3.1	193142
Sc-1	45		186428		ppb	3.1	193142
Al	27		12781	1.3633	ppb	4.2	7746
Mg	24		4349	1.3433	ppb	2.8	1526
Ti	47		5901	1.1893	ppb	0.6	5259
V	51		-10025	0.9399	ppb	154.1	-17688
Cr	52		31471	1.0569	ppb	3.4	24802
Mn	55		13186	1.0294	ppb	4.1	1884
Fe	54		28701	-0.2597	ppb	4.5	29418
Fe	57		7256	1.2218	ppb	1.1	7087
Fe	56		1520767	-3.4491	ppb	2.5	1582746
Co	59		9507	1.0563	ppb	5.3	104
Ni	60		2328	0.9764	ppb	5.6	251
Cu	63		5762	0.9859	ppb	4.9	1201
Cu	65		2999	0.9575	ppb	5.4	826
As	75		426	1.1151	ppb	214.1	-1460
As-1	75		8906	1.0538	ppb	7.8	7346
Se	78		8833	0.7198	ppb	3.5	8690
Se	82		144	0.9641	ppb	13.7	-28
Sr	88		19513	1.0323	ppb	1.2	482
Y	89	>	418533		mg/L	1.9	426561
Zn	66		3373	1.0659	ppb	2.7	1812
Zn	68		2566	1.0415	ppb	3.2	1475
Y-1	89		418533		ppb	1.9	426561
Mo	95		3453	1.0911	ppb	2.8	374
In	115	>	376104		ppb	1.9	390644
Ag	107		7520	0.9489	ppb	5.2	376
Cd	111		1885	0.9776	ppb	3.2	64
Cd-1	111		2134	0.9960	ppb	3.7	296
Sn	118		6382	0.9984	ppb	1.4	1541
Sb	123		8227	1.6393	ppb	2.0	1780
Ba	135		1425	0.9798	ppb	5.6	59
Tb	159		502557		ppb	2.4	512215
Mo	92		2787	1.0834	ppb	2.6	75
Mo	98		5033	1.1063	ppb	1.9	140
Ho	165		547279		ppb	2.7	556180
Tl	203		9139	1.0133	ppb	5.1	201
Pb	207		26573	1.0386	ppb	1.8	1278
Bi	209	>	402770		ppb	4.2	413569
As-O	91		347	1.0110	ppb	3.5	32
Se-O	78		161	0.9308	ppb	7.5	19
In_O	115	>	230054		ppb	1.4	237322

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: 5ppb

Sample Description: water

Autosampler Position: 10

Sample Date/Time: Friday, July 28, 2006 12:21:51

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\5ppb.028

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	11666		ppb	3.2	11630
Be	9		974	4.6463	ppb	5.5	3
B	11		3391	12.4271	ppb	4.4	321
Sc	45		186692	3846.6735	ppb	5.7	193142
Sc-1	45		186692		ppb	5.7	193142
Al	27		26309	4.9530	ppb	5.4	7746
Mg	24		11644	4.8031	ppb	4.5	1526
Ti	47		8115	4.7894	ppb	1.8	5259
V	51		23283	5.2695	ppb	82.9	-17688
Cr	52		57732	4.9704	ppb	3.8	24802
Mn	55		57994	5.1178	ppb	4.6	1884
Fe	54		30984	3.9693	ppb	3.1	29418
Fe	57		8103	4.7654	ppb	2.8	7087
Fe	56		1574094	2.8979	ppb	4.6	1582746
Co	59		45407	5.1056	ppb	1.9	104
Ni	60		10492	4.8216	ppb	1.8	251
Cu	63		23477	4.8146	ppb	2.1	1201
Cu	65		11739	4.7987	ppb	3.3	826
As	75		6826	4.9962	ppb	13.0	-1460
As-1	75		15036	4.9086	ppb	6.5	7346
Se	78		10344	4.2917	ppb	1.7	8690
Se	82		796	4.6545	ppb	1.6	-28
Sr	88		93356	5.0565	ppb	1.1	482
Y	89	>	416848		mg/L	1.6	426561
Zn	66		8942	4.8091	ppb	4.5	1812
Zn	68		6662	4.8783	ppb	6.7	1475
Y-1	89		416848		ppb	1.6	426561
Mo	95		14328	4.9323	ppb	1.9	374
In	115	>	375733		ppb	0.4	390644
Ag	107		37322	4.9009	ppb	2.1	376
Cd	111		8945	4.7678	ppb	2.4	64
Cd-1	111		9112	4.7615	ppb	1.9	296
Sn	118		25129	4.8227	ppb	1.7	1541
Sb	123		21710	5.0379	ppb	1.4	1780
Ba	135		6871	4.8810	ppb	2.0	59
Tb	159		499197		ppb	1.8	512215
Mo	92		12413	4.9293	ppb	3.1	75
Mo	98		21956	4.9323	ppb	2.1	140
Ho	165		538474		ppb	1.4	556180
Tl	203		44924	5.0021	ppb	2.7	201
Pb	207		127250	5.1036	ppb	1.8	1278
Bi	209	>	407323		ppb	2.4	413569
As-O	91		1581	4.8642	ppb	1.2	32
Se-O	78		737	4.6027	ppb	3.6	19
In_O	115	>	234684		ppb	0.9	237322

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: ICS_AB

Sample Description: water

Autosampler Position: 11

Sample Date/Time: Friday, July 28, 2006 12:26:51

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\ICS_AB.029

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	10828		ppb	2.7	11630
Be	9		2	-0.0039	ppb	65.5	3
B	11		316	0.0767	ppb	2.7	321
Sc	45		186304	-4036.9094	ppb	5.3	193142
Sc-1	45		186304		ppb	5.3	193142
Al	27		34891913	8684.5792	ppb	1.8	7746
Mg	24		21515601	9579.1959	ppb	3.7	1526
Ti	47		145469	212.0446	ppb	5.8	5259
V	51		167234	22.7515	ppb	3.2	-17688
Cr	52		150521	17.4368	ppb	4.2	24802
Mn	55		246895	21.0203	ppb	2.3	1884
Fe	54		13950088	23256.8976	ppb	2.8	29418
Fe	57		5504409	20953.5203	ppb	5.4	7087
Fe	56		222364401	22297.6602	ppb	4.3	1582746
Co	59		184326	19.5483	ppb	5.5	104
Ni	60		42333	18.6453	ppb	3.6	251
Cu	63		90332	18.1075	ppb	2.2	1201
Cu	65		43985	17.8170	ppb	2.3	826
As	75		17239	10.6839	ppb	4.1	-1460
As-1	75		25699	10.6243	ppb	1.6	7346
Se	78		13400	9.5523	ppb	1.7	8690
Se	82		1827	9.8670	ppb	1.5	-28
Sr	88		46571	2.3602	ppb	3.5	482
Y	89	>	442821		mg/L	2.2	426561
Zn	66		17079	9.5897	ppb	4.5	1812
Zn	68		11582	8.8416	ppb	5.1	1475
Y-1	89		442821		ppb	2.2	426561
Mo	95		594769	192.3200	ppb	2.0	374
In	115	>	410079		ppb	1.5	390644
Ag	107		33820	4.0610	ppb	2.4	376
Cd	111		21322	10.4518	ppb	2.3	64
Cd-1	111		20381	9.9200	ppb	1.5	296
Sn	118		676	-0.1759	ppb	6.7	1541
Sb	123		2354	0.1123	ppb	5.6	1780
Ba	135		172	0.0723	ppb	8.0	59
Tb	159		511754		ppb	1.8	512215
Mo	92		531294	194.4150	ppb	1.6	75
Mo	98		929218	192.4567	ppb	2.6	140
Ho	165		555490		ppb	1.6	556180
Tl	203		756	0.0641	ppb	26.0	201
Pb	207		4274	0.1257	ppb	3.0	1278
Bi	209	>	399231		ppb	2.6	413569
As-O	91		3882	11.3894	ppb	1.5	32
Se-O	78		1764	10.5324	ppb	2.7	19
In_O	115	>	248901		ppb	1.4	237322

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: ICS_A

Sample Description: water

Autosampler Position: 12

Sample Date/Time: Friday, July 28, 2006 12:31:52

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\ICS_A.030

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	10919		ppb	2.8	11630
Be	9		4	0.0028	ppb	15.7	3
B	11		273	-0.1216	ppb	1.0	321
Sc	45		179221	1138.0629	ppb	6.6	193142
Sc-1	45		179221		ppb	6.6	193142
Al	27		34673264	8738.4623	ppb	6.9	7746
Mg	24		20830169	9394.2740	ppb	3.5	1526
Ti	47		141265	208.6135	ppb	2.9	5259
V	51		-434	2.1963	ppb	47.1	-17688
Cr	52		8680	-2.3661	ppb	3.1	24802
Mn	55		13132	0.9740	ppb	3.2	1884
Fe	54		13431238	22677.4409	ppb	3.6	29418
Fe	57		5391183	20807.6700	ppb	3.7	7087
Fe	56		220250497	22380.7393	ppb	5.3	1582746
Co	59		3280	0.3414	ppb	3.9	104
Ni	60		1847	0.7144	ppb	4.0	251
Cu	63		3349	0.4367	ppb	5.5	1201
Cu	65		1615	0.3217	ppb	6.3	826
As	75		-341	0.6651	ppb	70.9	-1460
As-1	75		8421	0.5350	ppb	1.2	7346
Se	78		8739	-0.3499	ppb	1.2	8690
Se	82		6	0.1842	ppb	377.6	-28
Sr	88		45532	2.3384	ppb	3.1	482
Y	89	>	436939		mg/L	2.4	426561
Zn	66		2566	0.4537	ppb	4.5	1812
Zn	68		1127	-0.3434	ppb	11.3	1475
Y-1	89		436939		ppb	2.4	426561
Mo	95		595116	195.8598	ppb	2.7	374
In	115	>	402838		ppb	1.5	390644
Ag	107		481	0.0115	ppb	5.6	376
Cd	111		1192	0.5638	ppb	2.0	64
Cd-1	111		386	0.0406	ppb	4.4	296
Sn	118		526	-0.2022	ppb	12.1	1541
Sb	123		1741	-0.0221	ppb	3.4	1780
Ba	135		169	0.0726	ppb	5.5	59
Tb	159		513038		ppb	4.1	512215
Mo	92		527501	196.5212	ppb	0.5	75
Mo	98		927880	195.5993	ppb	1.7	140
Ho	165		552705		ppb	2.8	556180
Tl	203		263	0.0081	ppb	4.9	201
Pb	207		4187	0.1233	ppb	4.1	1278
Bi	209	>	396930		ppb	4.5	413569
As-O	91		132	0.2964	ppb	7.6	32
Se-O	78		61	0.2522	ppb	14.2	19
In_O	115	>	246120		ppb	2.5	237322

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: Blank

Sample Description:

Autosampler Position: 13

Sample Date/Time: Friday, July 28, 2006 13:17:08

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\Blank.038

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	11016		ppb	3.3	
Be	9		4		ppb	41.7	
B	11		364		ppb	3.8	
Sc	45		162260		ppb	6.6	
Sc-1	45		162260		ppb	6.6	
Al	27		6896		ppb	2.0	
Mg	24		1724		ppb	7.7	
Ti	47		4433		ppb	3.8	
V	51		-14244		ppb	63.4	
Cr	52		16545		ppb	4.7	
Mn	55		1909		ppb	3.2	
Fe	54		29476		ppb	5.3	
Fe	57		6982		ppb	13.7	
Fe	56		1359502		ppb	4.1	
Co	59		86		ppb	2.0	
Ni	60		224		ppb	6.4	
Cu	63		1315		ppb	6.7	
Cu	65		880		ppb	4.9	
As	75		-945		ppb	165.6	
As-1	75		6488		ppb	23.7	
Se	78		7504		ppb	1.3	
Se	82		39		ppb	57.9	
Sr	88		448		ppb	7.8	
Y	89	>	370490		mg/L	2.1	
Zn	66		1582		ppb	3.1	
Zn	68		1375		ppb	3.1	
Y-1	89		370490		ppb	2.1	
Mo	95		578		ppb	1.7	
In	115	>	339976		ppb	1.9	
Ag	107		341		ppb	12.4	
Cd	111		51		ppb	21.4	
Cd-1	111		272		ppb	6.3	
Sn	118		1248		ppb	5.0	
Sb	123		2494		ppb	6.2	
Ba	135		51		ppb	7.9	
Tb	159		454662		ppb	2.2	
Mo	92		323		ppb	8.6	
Mo	98		536		ppb	5.3	
Ho	165		500300		ppb	1.6	
Tl	203		165		ppb	8.8	
Pb	207		956		ppb	2.6	
Bi	209	>	349103		ppb	2.8	
As-O	91		41		ppb	14.8	
Se-O	78		17		ppb	14.8	
In_O	115	>	205979		ppb	0.5	

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: Standard 1

Sample Description:

Autosampler Position: 3

Sample Date/Time: Friday, July 28, 2006 13:22:19

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\Standard 1.039

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	10750		ppb	1.7	11016
Be	9		36875	200.0000	ppb	4.2	4
B	11		106894	500.0000	ppb	2.8	364
Sc	45		154000	500.0000	ppb	4.8	162260
Sc-1	45		154000		ppb	4.8	162260
Al	27		602183	200.0000	ppb	3.2	6896
Mg	24		341187	200.0000	ppb	4.0	1724
Ti	47		106380	200.0000	ppb	2.7	4433
V	51		1318772	200.0000	ppb	3.4	-14244
Cr	52		1181522	200.0000	ppb	1.9	16545
Mn	55		1856221	200.0000	ppb	5.1	1909
Fe	54		118090	200.0000	ppb	4.8	29476
Fe	57		48081	200.0000	ppb	6.9	6982
Fe	56		2945941	200.0000	ppb	5.3	1359502
Co	59		1528242	200.0000	ppb	5.7	86
Ni	60		361523	200.0000	ppb	2.2	224
Cu	63		790839	200.0000	ppb	2.5	1315
Cu	65		386080	200.0000	ppb	3.7	880
As	75		285790	200.0000	ppb	1.9	-945
As-1	75		283917	200.0000	ppb	2.0	6488
Se	78		80506	200.0000	ppb	3.5	7504
Se	82		30223	200.0000	ppb	2.2	39
Sr	88		3164043	200.0000	ppb	1.9	448
Y	89	>	364237		mg/L	3.5	370490
Zn	66		256995	200.0000	ppb	3.4	1582
Zn	68		187858	200.0000	ppb	5.1	1375
Y-1	89		364237		ppb	3.5	370490
Mo	95		503423	200.0000	ppb	2.2	578
In	115	>	336408		ppb	2.2	339976
Ag	107		1337534	200.0000	ppb	2.0	341
Cd	111		325174	200.0000	ppb	2.3	51
Cd-1	111		323731	200.0000	ppb	1.9	272
Sn	118		860698	200.0000	ppb	1.7	1248
Sb	123		707389	200.0000	ppb	3.3	2494
Ba	135		249945	200.0000	ppb	4.2	51
Tb	159		441526		ppb	0.6	454662
Mo	92		446141	200.0000	ppb	2.0	323
Mo	98		788022	200.0000	ppb	1.1	536
Ho	165		480887		ppb	2.0	500300
Tl	203		1535110	200.0000	ppb	0.9	165
Pb	207		4231798	200.0000	ppb	1.9	956
Bi	209	>	346283		ppb	1.1	349103
As-O	91		56299	200.0000	ppb	0.6	41
Se-O	78		27418	200.0000	ppb	2.4	17
In_O	115	>	212927		ppb	0.7	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: ICV

Sample Description:

Autosampler Position: 6

Sample Date/Time: Friday, July 28, 2006 13:28:33

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\ICV.040

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	10813		ppb	1.9	11016
Be	9		18681	100.7548	ppb	2.1	4
B	11		23532	108.1561	ppb	2.2	364
Sc	45		156949	266.8708	ppb	7.4	162260
Sc-1	45		156949		ppb	7.4	162260
Al	27		300022	96.7989	ppb	5.3	6896
Mg	24		170643	97.8215	ppb	3.6	1724
Ti	47		57546	102.2984	ppb	6.5	4433
V	51		649041	97.8023	ppb	4.8	-14244
Cr	52		613249	100.6744	ppb	2.4	16545
Mn	55		958683	101.4930	ppb	3.0	1909
Fe	54		69018	87.2988	ppb	1.7	29476
Fe	57		26684	94.0712	ppb	4.4	6982
Fe	56		2138733	95.1031	ppb	9.1	1359502
Co	59		802347	103.1983	ppb	2.4	86
Ni	60		182775	99.3445	ppb	5.0	224
Cu	63		392524	97.4033	ppb	3.0	1315
Cu	65		192017	97.5412	ppb	4.6	880
As	75		147654	101.9338	ppb	0.4	-945
As-1	75		150941	102.3666	ppb	0.7	6488
Se	78		45267	101.5101	ppb	2.5	7504
Se	82		15408	100.1027	ppb	2.7	39
Sr	88		1602428	99.5686	ppb	1.4	448
Y	89	>	370350		mg/L	2.2	370490
Zn	66		138107	105.1052	ppb	5.0	1582
Zn	68		99743	103.7869	ppb	2.6	1375
Y-1	89		370350		ppb	2.2	370490
Mo	95		255459	102.0011	ppb	2.5	578
In	115	>	334368		ppb	2.8	339976
Ag	107		373405	56.1704	ppb	3.5	341
Cd	111		170012	105.1853	ppb	2.3	51
Cd-1	111		169324	105.1639	ppb	2.1	272
Sn	118		439504	102.6025	ppb	2.7	1248
Sb	123		360288	102.1787	ppb	2.7	2494
Ba	135		126444	101.7504	ppb	1.0	51
Tb	159		455563		ppb	2.9	454662
Mo	92		226040	101.8811	ppb	2.9	323
Mo	98		406655	103.7806	ppb	1.6	536
Ho	165		490908		ppb	2.0	500300
Tl	203		773984	97.7915	ppb	2.3	165
Pb	207		2236221	102.4615	ppb	2.7	956
Bi	209	>	357265		ppb	2.6	349103
As-O	91		28682	103.1490	ppb	0.2	41
Se-O	78		13713	101.2733	ppb	0.5	17
In_O	115	>	210201		ppb	1.4	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message
107	Ag	

SAMPLE INFORMATION

Sample ID: CCV

Sample Description:

Autosampler Position: 4

Sample Date/Time: Friday, July 28, 2006 13:34:07

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\CCV.041

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	10954		ppb	3.2	11016
Be	9		17874	95.1968	ppb	2.4	4
B	11		53803	246.4085	ppb	3.4	364
Sc	45		162092	-88.9064	ppb	3.1	162260
Sc-1	45		162092		ppb	3.1	162260
Al	27		313877	97.8401	ppb	5.1	6896
Mg	24		174597	96.6948	ppb	3.6	1724
Ti	47		56932	97.4960	ppb	1.6	4433
V	51		669072	97.4032	ppb	5.0	-14244
Cr	52		617741	97.9339	ppb	4.1	16545
Mn	55		989421	101.1919	ppb	6.3	1909
Fe	54		78393	102.1645	ppb	8.4	29476
Fe	57		27247	92.3296	ppb	2.5	6982
Fe	56		2293487	104.6838	ppb	4.3	1359502
Co	59		807468	100.4204	ppb	4.7	86
Ni	60		185853	97.5941	ppb	2.9	224
Cu	63		410826	98.5229	ppb	4.5	1315
Cu	65		202342	99.3421	ppb	4.7	880
As	75		141089	94.1353	ppb	1.1	-945
As-1	75		144167	94.1110	ppb	0.2	6488
Se	78		43013	91.5754	ppb	3.2	7504
Se	82		14658	91.9408	ppb	2.2	39
Sr	88		1628922	97.7351	ppb	2.7	448
Y	89	>	383470		mg/L	3.1	370490
Zn	66		130559	95.9010	ppb	4.3	1582
Zn	68		94408	94.7679	ppb	2.0	1375
Y-1	89		383470		ppb	3.1	370490
Mo	95		260333	101.1021	ppb	1.6	578
In	115	>	343934		ppb	3.4	339976
Ag	107		697639	102.0355	ppb	1.7	341
Cd	111		161499	97.1308	ppb	3.4	51
Cd-1	111		161010	97.2056	ppb	2.9	272
Sn	118		447348	101.5727	ppb	2.4	1248
Sb	123		377106	104.0623	ppb	1.4	2494
Ba	135		129308	101.2162	ppb	2.7	51
Tb	159		466420		ppb	2.9	454662
Mo	92		229256	100.4744	ppb	1.4	323
Mo	98		410710	101.9286	ppb	2.6	536
Ho	165		507360		ppb	3.7	500300
Tl	203		811906	101.1830	ppb	4.0	165
Pb	207		2218526	100.2273	ppb	0.8	956
Bi	209	>	362393		ppb	3.0	349103
As-O	91		28115	99.8130	ppb	1.3	41
Se-O	78		13246	96.5603	ppb	1.8	17
In_O	115	>	212889		ppb	0.4	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: CCB

Sample Description:

Autosampler Position: 7

Sample Date/Time: Friday, July 28, 2006 13:39:42

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\CCB.042

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	11110		ppb	4.0	11016
Be	9		7	0.0156	ppb	56.8	4
B	11		931	2.5768	ppb	11.3	364
Sc	45		164525	-129.6589	ppb	4.0	162260
Sc-1	45		164525		ppb	4.0	162260
Al	27		8969	0.6495	ppb	2.2	6896
Mg	24		4293	1.4577	ppb	4.2	1724
Ti	47		4556	0.1243	ppb	3.5	4433
V	51		-14447	-0.0153	ppb	69.9	-14244
Cr	52		16572	-0.0296	ppb	0.5	16545
Mn	55		2364	0.0448	ppb	8.3	1909
Fe	54		40919	24.1254	ppb	3.7	29476
Fe	57		8178	5.1987	ppb	3.4	6982
Fe	56		1458351	9.7148	ppb	5.1	1359502
Co	59		231	0.0182	ppb	9.0	86
Ni	60		269	0.0224	ppb	4.9	224
Cu	63		945	-0.0951	ppb	1.5	1315
Cu	65		722	-0.0846	ppb	4.4	880
As	75		-161	0.5271	ppb	520.0	-945
As-1	75		7321	0.5146	ppb	11.3	6488
Se	78		7820	0.5870	ppb	1.2	7504
Se	82		137	0.6228	ppb	20.3	39
Sr	88		1210	0.0464	ppb	4.7	448
Y	89	>	375326		mg/L	3.0	370490
Zn	66		1986	0.2908	ppb	5.0	1582
Zn	68		1604	0.2194	ppb	4.3	1375
Y-1	89		375326		ppb	3.0	370490
Mo	95		2860	0.8858	ppb	10.5	578
In	115	>	344576		ppb	2.9	339976
Ag	107		2126	0.2614	ppb	26.9	341
Cd	111		83	0.0185	ppb	11.9	51
Cd-1	111		342	0.0398	ppb	4.9	272
Sn	118		3684	0.5514	ppb	10.6	1248
Sb	123		15048	3.4815	ppb	16.4	2494
Ba	135		154	0.0807	ppb	12.4	51
Tb	159		468544		ppb	3.0	454662
Mo	92		2298	0.8652	ppb	9.7	323
Mo	98		4302	0.9344	ppb	13.6	536
Ho	165		512841		ppb	3.4	500300
Tl	203		1481	0.1632	ppb	19.3	165
Pb	207		2302	0.0592	ppb	10.1	956
Bi	209	>	362391		ppb	1.2	349103
As-O	91		106	0.2313	ppb	2.5	41
Se-O	78		82	0.4826	ppb	5.6	17
In_O	115	>	209423		ppb	1.7	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: CCB

Sample Description:

Autosampler Position: 8

Sample Date/Time: Friday, July 28, 2006 13:45:56

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\CCB.043

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	10992		ppb	3.0	11016
Be	9		5	0.0069	ppb	52.9	4
B	11		605	1.1103	ppb	1.6	364
Sc	45		172717	-1226.6111	ppb	5.4	162260
Sc-1	45		172717		ppb	5.4	162260
Al	27		8156	0.3192	ppb	1.7	6896
Mg	24		2666	0.4904	ppb	4.4	1724
Ti	47		4535	-0.1184	ppb	2.6	4433
V	51		-16215	-0.2241	ppb	69.8	-14244
Cr	52		17043	-0.0179	ppb	2.5	16545
Mn	55		2348	0.0375	ppb	5.7	1909
Fe	54		43905	28.3880	ppb	4.3	29476
Fe	57		9147	8.7624	ppb	4.0	6982
Fe	56		1521643	13.0773	ppb	3.5	1359502
Co	59		124	0.0044	ppb	13.8	86
Ni	60		233	0.0004	ppb	12.5	224
Cu	63		789	-0.1378	ppb	2.9	1315
Cu	65		603	-0.1521	ppb	5.9	880
As	75		-278	0.4607	ppb	161.0	-945
As-1	75		7198	0.3176	ppb	8.2	6488
Se	78		7741	-0.1056	ppb	2.3	7504
Se	82		110	0.4367	ppb	8.3	39
Sr	88		672	0.0124	ppb	8.2	448
Y	89	>	384363		mg/L	2.4	370490
Zn	66		1675	0.0244	ppb	4.7	1582
Zn	68		1393	-0.0345	ppb	3.0	1375
Y-1	89		384363		ppb	2.4	370490
Mo	95		1113	0.2014	ppb	6.9	578
In	115	>	347354		ppb	2.0	339976
Ag	107		617	0.0389	ppb	9.8	341
Cd	111		53	0.0005	ppb	13.6	51
Cd-1	111		288	0.0059	ppb	12.4	272
Sn	118		2183	0.2049	ppb	3.1	1248
Sb	123		6186	1.0008	ppb	3.8	2494
Ba	135		167	0.0889	ppb	6.8	51
Tb	159		479586		ppb	3.0	454662
Mo	92		756	0.1849	ppb	7.5	323
Mo	98		1390	0.2071	ppb	2.5	536
Ho	165		520430		ppb	1.0	500300
Tl	203		574	0.0495	ppb	5.5	165
Pb	207		1075	0.0032	ppb	3.3	956
Bi	209	>	366425		ppb	2.8	349103
As-O	91		52	0.0330	ppb	5.6	41
Se-O	78		22	0.0327	ppb	43.4	17
In_O	115	>	211441		ppb	0.5	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: 060727b01

Sample Description: water

Autosampler Position: 16

Sample Date/Time: Friday, July 28, 2006 13:55:59

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\060727b01.045

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	10530		ppb	1.6	11016
Be	9		4	0.0008	ppb	31.5	4
B	11		495	0.7066	ppb	10.0	364
Sc	45		160450	-640.0181	ppb	4.1	162260
Sc-1	45		160450		ppb	4.1	162260
Al	27		4670	-0.7548	ppb	8.1	6896
Mg	24		1095	-0.3723	ppb	8.1	1724
Ti	47		4546	0.1117	ppb	1.9	4433
V	51		-23294	-1.3050	ppb	45.6	-14244
Cr	52		18894	0.3577	ppb	3.2	16545
Mn	55		1580	-0.0371	ppb	3.3	1909
Fe	54		23675	-13.4223	ppb	3.7	29476
Fe	57		6259	-3.8247	ppb	5.2	6982
Fe	56		1348788	-3.3903	ppb	3.0	1359502
Co	59		107	0.0025	ppb	3.8	86
Ni	60		207	-0.0104	ppb	2.5	224
Cu	63		761	-0.1401	ppb	6.4	1315
Cu	65		604	-0.1448	ppb	4.9	880
As	75		-582	0.2477	ppb	141.8	-945
As-1	75		6895	0.2220	ppb	11.4	6488
Se	78		7361	-0.6279	ppb	2.9	7504
Se	82		-30	-0.4443	ppb	10.0	39
Sr	88		382	-0.0044	ppb	6.1	448
Y	89	>	375185		mg/L	1.7	370490
Zn	66		1252	-0.2666	ppb	2.3	1582
Zn	68		1202	-0.1982	ppb	3.0	1375
Y-1	89		375185		ppb	1.7	370490
Mo	95		580	0.0045	ppb	2.1	578
In	115	>	334888		ppb	2.9	339976
Ag	107		346	0.0015	ppb	5.7	341
Cd	111		60	0.0058	ppb	8.8	51
Cd-1	111		292	0.0149	ppb	6.4	272
Sn	118		841	-0.0907	ppb	2.1	1248
Sb	123		3053	0.1701	ppb	5.1	2494
Ba	135		36	-0.0113	ppb	12.8	51
Tb	159		457004		ppb	4.0	454662
Mo	92		290	-0.0127	ppb	12.9	323
Mo	98		534	0.0015	ppb	3.7	536
Ho	165		500028		ppb	2.3	500300
Tl	203		199	0.0040	ppb	17.4	165
Pb	207		908	-0.0030	ppb	2.1	956
Bi	209	>	355670		ppb	2.4	349103
As-O	91		38	-0.0125	ppb	19.9	41
Se-O	78		19	0.0140	ppb	30.0	17
In_O	115	>	207680		ppb	1.8	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: 060727L01

Sample Description: water

Autosampler Position: 17

Sample Date/Time: Friday, July 28, 2006 14:00:58

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\060727L01.046

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	⌈>	10770		ppb	1.5	11016
Be	9	|	17391	94.1445	ppb	1.9	4
B	11	|	20331	93.5773	ppb	1.6	364
Sc	45	⌊	171647	-1511.6833	ppb	1.9	162260
Sc-1	45	⌈	171647		ppb	1.9	162260
Al	27	|	323287	101.4746	ppb	3.8	6896
Mg	24	|	173677	96.6995	ppb	4.3	1724
Ti	47	|	58927	101.7765	ppb	1.8	4433
V	51	|	675578	98.8568	ppb	4.9	-14244
Cr	52	|	644049	102.7020	ppb	5.2	16545
Mn	55	|	997888	102.6538	ppb	3.4	1909
Fe	54	|	94817	138.2623	ppb	5.4	29476
Fe	57	|	28771	100.1064	ppb	1.7	6982
Fe	56	|	2316525	109.0596	ppb	3.5	1359502
Co	59	|	816288	101.9774	ppb	2.1	86
Ni	60	|	185591	97.9114	ppb	4.2	224
Cu	63	|	400999	96.6039	ppb	6.8	1315
Cu	65	|	195699	96.5456	ppb	6.6	880
As	75	|	142790	95.7734	ppb	0.6	-945
As-1	75	|	146505	96.2325	ppb	0.7	6488
Se	78	|	40553	85.6686	ppb	2.8	7504
Se	82	|	13522	85.2484	ppb	2.9	39
Sr	88	|	1612217	97.2887	ppb	1.3	448
Y	89	|>	381245		mg/L	0.7	370490
Zn	66	|	124280	91.7467	ppb	2.9	1582
Zn	68	⌊	90856	91.6725	ppb	2.3	1375
Y-1	89	⌈	381245		ppb	0.7	370490
Mo	95	|	256233	98.9462	ppb	2.4	578
In	115	|>	345790		ppb	3.5	339976
Ag	107	|	360071	52.3865	ppb	2.7	341
Cd	111	|	161367	96.5653	ppb	2.7	51
Cd-1	111	|	160724	96.5435	ppb	2.4	272
Sn	118	|	436350	98.4899	ppb	3.5	1248
Sb	123	|	380072	104.2588	ppb	2.2	2494
Ba	135	|	127078	98.9688	ppb	3.2	51
Tb	159	|	476291		ppb	3.0	454662
Mo	92	|	227594	99.1847	ppb	3.4	323
Mo	98	⌊	409630	101.0986	ppb	2.0	536
Ho	165	⌈	515905		ppb	2.5	500300
Tl	203	|	762353	94.7380	ppb	2.5	165
Pb	207	|	2235622	100.7607	ppb	1.5	956
Bi	209	⌊>	363117		ppb	1.8	349103
As-O	91	⌈	27088	95.2150	ppb	2.0	41
Se-O	78	|	12110	87.3940	ppb	2.6	17
In_O	115	⌊>	215050		ppb	3.0	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: 060727L01d

Sample Description: water

Autosampler Position: 18

Sample Date/Time: Friday, July 28, 2006 14:05:57

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\060727L01d.047

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	10963		ppb	2.3	11016
Be	9		17409	92.6194	ppb	2.5	4
B	11		20655	93.4135	ppb	2.2	364
Sc	45		172085	-1216.7089	ppb	4.7	162260
Sc-1	45		172085		ppb	4.7	162260
Al	27		316055	97.2633	ppb	6.6	6896
Mg	24		175849	96.1253	ppb	2.9	1724
Ti	47		59468	100.7568	ppb	2.5	4433
V	51		675832	97.1411	ppb	5.8	-14244
Cr	52		639942	100.1463	ppb	2.3	16545
Mn	55		1007432	101.7220	ppb	3.6	1909
Fe	54		97571	140.3421	ppb	4.3	29476
Fe	57		29001	98.7141	ppb	3.2	6982
Fe	56		2373701	110.5913	ppb	4.4	1359502
Co	59		839198	102.9518	ppb	2.5	86
Ni	60		195441	101.2757	ppb	2.0	224
Cu	63		400802	94.8225	ppb	3.3	1315
Cu	65		198392	96.0717	ppb	3.4	880
As	75		142366	93.7671	ppb	1.1	-945
As-1	75		146360	94.3033	ppb	1.1	6488
Se	78		40630	83.9813	ppb	3.1	7504
Se	82		13449	83.2676	ppb	2.6	39
Sr	88		1603713	95.0051	ppb	2.0	448
Y	89	>	388325		mg/L	1.7	370490
Zn	66		128507	93.1453	ppb	4.2	1582
Zn	68		94250	93.3867	ppb	2.0	1375
Y-1	89		388325		ppb	1.7	370490
Mo	95		258386	98.5851	ppb	2.8	578
In	115	>	349894		ppb	2.9	339976
Ag	107		362957	52.1440	ppb	1.1	341
Cd	111		160483	94.9119	ppb	0.5	51
Cd-1	111		160076	95.0221	ppb	0.4	272
Sn	118		436175	97.2769	ppb	3.3	1248
Sb	123		380846	103.2104	ppb	3.1	2494
Ba	135		127653	98.2007	ppb	2.7	51
Tb	159		491441		ppb	2.8	454662
Mo	92		226965	97.7600	ppb	1.9	323
Mo	98		407729	99.4040	ppb	3.8	536
Ho	165		532432		ppb	4.0	500300
Tl	203		769255	94.1167	ppb	2.8	165
Pb	207		2246437	99.6938	ppb	0.7	956
Bi	209	>	368957		ppb	3.0	349103
As-O	91		26971	92.5269	ppb	1.3	41
Se-O	78		12045	84.8548	ppb	1.7	17
In_O	115	>	220296		ppb	1.2	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: 06-07-1032-2ms

Sample Description: water

Autosampler Position: 19

Sample Date/Time: Friday, July 28, 2006 14:21:19

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\06-07-1032-2ms.050

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	10677		ppb	2.4	11016
Be	9		18093	98.7727	ppb	4.0	4
B	11		69310	325.6567	ppb	5.5	364
Sc	45		191413	-4026.1749	ppb	7.0	162260
Sc-1	45		191413		ppb	7.0	162260
Al	27		1208182	378.0028	ppb	5.5	6896
Mg	24		43850791	24216.1641	ppb	5.6	1724
Ti	47		72061	123.7242	ppb	6.2	4433
V	51		737855	105.8751	ppb	4.6	-14244
Cr	52		627233	98.1592	ppb	3.3	16545
Mn	55		2779695	280.6720	ppb	5.0	1909
Fe	54		595212	1186.5224	ppb	3.8	29476
Fe	57		320572	1423.9068	ppb	6.9	6982
Fe	56		10937071	1107.3453	ppb	6.4	1359502
Co	59		820631	100.6447	ppb	2.8	86
Ni	60		187398	97.1430	ppb	2.7	224
Cu	63		375826	88.8755	ppb	2.8	1315
Cu	65		180538	87.2991	ppb	6.4	880
As	75		151917	99.9503	ppb	2.2	-945
As-1	75		155088	100.1347	ppb	2.0	6488
Se	78		43134	90.3607	ppb	0.6	7504
Se	82		14668	90.8056	ppb	3.5	39
Sr	88		16724457	989.8969	ppb	4.3	448
Y	89	>	388836		mg/L	4.5	370490
Zn	66		189812	137.9457	ppb	6.2	1582
Zn	68		142569	141.8233	ppb	4.3	1375
Y-1	89		388836		ppb	4.5	370490
Mo	95		282220	109.0975	ppb	1.1	578
In	115	>	345419		ppb	0.9	339976
Ag	107		350484	50.9783	ppb	5.0	341
Cd	111		167673	100.3883	ppb	2.5	51
Cd-1	111		167077	100.4122	ppb	2.5	272
Sn	118		436696	98.6715	ppb	0.7	1248
Sb	123		408067	112.0921	ppb	3.2	2494
Ba	135		434127	338.0516	ppb	4.1	51
Tb	159		475522		ppb	1.7	454662
Mo	92		246347	107.4584	ppb	1.7	323
Mo	98		446961	110.4076	ppb	1.0	536
Ho	165		516010		ppb	2.4	500300
Tl	203		798995	103.0309	ppb	3.8	165
Pb	207		2280396	106.5833	ppb	4.9	956
Bi	209	>	350030		ppb	3.0	349103
As-O	91		32846	109.9564	ppb	0.6	41
Se-O	78		13879	95.3880	ppb	1.7	17
In_O	115	>	225926		ppb	2.9	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: 06-07-1032-2msd

Sample Description: water

Autosampler Position: 20

Sample Date/Time: Friday, July 28, 2006 14:26:19

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\06-07-1032-2msd.051

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	11664		ppb	2.6	11016
Be	9		18958	94.7589	ppb	2.9	4
B	11		73794	317.3354	ppb	6.3	364
Sc	45		218143	-4971.5890	ppb	1.6	162260
Sc-1	45		218143		ppb	1.6	162260
Al	27		1378412	407.7626	ppb	2.1	6896
Mg	24		46671906	24332.1355	ppb	5.2	1724
Ti	47		78182	127.1777	ppb	5.3	4433
V	51		794419	107.6010	ppb	8.2	-14244
Cr	52		694808	102.7058	ppb	5.8	16545
Mn	55		3058614	292.0536	ppb	1.1	1909
Fe	54		644432	1215.5548	ppb	1.1	29476
Fe	57		347468	1461.0251	ppb	6.1	6982
Fe	56		12256202	1184.0664	ppb	3.4	1359502
Co	59		891666	103.2819	ppb	3.2	86
Ni	60		204572	100.0633	ppb	2.5	224
Cu	63		406317	90.7142	ppb	2.3	1315
Cu	65		196779	89.9459	ppb	2.6	880
As	75		159198	98.9775	ppb	1.2	-945
As-1	75		162436	99.0545	ppb	1.8	6488
Se	78		44327	87.0764	ppb	4.0	7504
Se	82		15081	88.1376	ppb	5.6	39
Sr	88		17114429	957.6626	ppb	1.3	448
Y	89	>	411207		mg/L	0.5	370490
Zn	66		193043	132.6494	ppb	1.7	1582
Zn	68		145894	137.1894	ppb	2.4	1375
Y-1	89		411207		ppb	0.5	370490
Mo	95		292101	106.3390	ppb	3.1	578
In	115	>	366763		ppb	3.3	339976
Ag	107		361819	49.5932	ppb	1.2	341
Cd	111		174356	98.3438	ppb	2.4	51
Cd-1	111		173788	98.3957	ppb	2.1	272
Sn	118		464665	98.8846	ppb	3.5	1248
Sb	123		420354	108.7764	ppb	2.6	2494
Ba	135		444694	326.3970	ppb	1.0	51
Tb	159		506668		ppb	4.1	454662
Mo	92		257439	105.7700	ppb	3.0	323
Mo	98		461122	107.2920	ppb	2.3	536
Ho	165		548141		ppb	4.7	500300
Tl	203		830550	102.4509	ppb	4.3	165
Pb	207		2351351	105.2347	ppb	0.7	956
Bi	209	>	365799		ppb	3.1	349103
As-O	91		29681	102.8197	ppb	1.6	41
Se-O	78		12731	90.5561	ppb	1.0	17
In_O	115	>	218216		ppb	2.3	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: 06-07-1032-2ps

Sample Description: water

Autosampler Position: 21

Sample Date/Time: Friday, July 28, 2006 14:31:19

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\06-07-1032-2ps.052

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	11587		ppb	2.5	11016
Be	9		18692	94.0659	ppb	1.6	4
B	11		77297	334.8729	ppb	3.6	364
Sc	45		228595	-6256.3068	ppb	1.9	162260
Sc-1	45		228595		ppb	1.9	162260
Al	27		1979018	557.7250	ppb	6.2	6896
Mg	24		51877571	25732.2850	ppb	7.6	1724
Ti	47		85358	132.4896	ppb	3.2	4433
V	51		835252	107.7401	ppb	1.8	-14244
Cr	52		724307	101.9702	ppb	3.3	16545
Mn	55		3137632	285.0757	ppb	3.7	1909
Fe	54		785938	1421.6961	ppb	1.4	29476
Fe	57		397079	1592.0360	ppb	3.1	6982
Fe	56		13722621	1272.6085	ppb	3.9	1359502
Co	59		914546	100.8664	ppb	3.1	86
Ni	60		212483	98.9726	ppb	1.5	224
Cu	63		410334	87.2199	ppb	3.4	1315
Cu	65		200724	87.3182	ppb	2.4	880
As	75		162933	96.4567	ppb	1.8	-945
As-1	75		167358	97.0723	ppb	2.5	6488
Se	78		46947	88.0017	ppb	1.4	7504
Se	82		15608	86.8715	ppb	3.0	39
Sr	88		18082203	962.8628	ppb	3.3	448
Y	89	>	432067		mg/L	2.3	370490
Zn	66		182164	119.0072	ppb	1.9	1582
Zn	68		136304	121.8274	ppb	1.7	1375
Y-1	89		432067		ppb	2.3	370490
Mo	95		300928	104.4375	ppb	1.9	578
In	115	>	384694		ppb	2.1	339976
Ag	107		378079	49.3903	ppb	1.7	341
Cd	111		178676	96.0786	ppb	1.2	51
Cd-1	111		177942	96.0391	ppb	1.1	272
Sn	118		498323	101.0960	ppb	2.9	1248
Sb	123		386660	95.2757	ppb	4.9	2494
Ba	135		464436	324.9155	ppb	2.8	51
Tb	159		510710		ppb	1.3	454662
Mo	92		267870	104.9420	ppb	0.7	323
Mo	98		477304	105.8501	ppb	2.7	536
Ho	165		559050		ppb	2.2	500300
Tl	203		871957	100.1604	ppb	2.7	165
Pb	207		2473432	103.0538	ppb	2.2	956
Bi	209	>	392790		ppb	1.3	349103
As-O	91		31915	106.5773	ppb	2.1	41
Se-O	78		13495	92.5126	ppb	2.6	17
In_O	115	>	226357		ppb	1.6	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: 06-07-1032-2psd

Sample Description: water

Autosampler Position: 22

Sample Date/Time: Friday, July 28, 2006 14:36:19

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\06-07-1032-2psd.053

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	11744		ppb	1.6	11016
Be	9		19196	95.3025	ppb	1.2	4
B	11		81764	349.6372	ppb	3.3	364
Sc	45		250702	-8260.3592	ppb	5.6	162260
Sc-1	45		250702		ppb	5.6	162260
Al	27		2222325	596.7112	ppb	6.4	6896
Mg	24		57391059	27123.7935	ppb	5.2	1724
Ti	47		92765	137.4775	ppb	5.0	4433
V	51		892257	109.5697	ppb	5.3	-14244
Cr	52		762346	102.1978	ppb	4.2	16545
Mn	55		3299077	285.5105	ppb	2.5	1909
Fe	54		827715	1425.6137	ppb	9.0	29476
Fe	57		411209	1569.4859	ppb	5.6	6982
Fe	56		14985259	1329.8299	ppb	4.2	1359502
Co	59		938725	98.5832	ppb	4.8	86
Ni	60		222334	98.6350	ppb	5.1	224
Cu	63		428678	86.7844	ppb	3.1	1315
Cu	65		207100	85.8081	ppb	0.9	880
As	75		171681	96.7712	ppb	3.0	-945
As-1	75		175467	96.9008	ppb	3.4	6488
Se	78		49682	88.8293	ppb	1.2	7504
Se	82		16846	89.2745	ppb	2.4	39
Sr	88		19186837	973.3053	ppb	2.5	448
Y	89	>	453634		mg/L	1.5	370490
Zn	66		185918	115.6475	ppb	1.7	1582
Zn	68		140482	119.5267	ppb	4.0	1375
Y-1	89		453634		ppb	1.5	370490
Mo	95		313788	103.3972	ppb	2.7	578
In	115	>	405147		ppb	2.0	339976
Ag	107		397393	49.2965	ppb	2.0	341
Cd	111		186718	95.3272	ppb	0.8	51
Cd-1	111		185811	95.2174	ppb	0.8	272
Sn	118		517706	99.7436	ppb	1.7	1248
Sb	123		415686	97.2624	ppb	3.0	2494
Ba	135		487236	323.5578	ppb	0.8	51
Tb	159		523022		ppb	1.7	454662
Mo	92		277545	103.2245	ppb	1.6	323
Mo	98		496346	104.5278	ppb	2.3	536
Ho	165		571825		ppb	1.8	500300
Tl	203		899578	99.9341	ppb	1.5	165
Pb	207		2534880	102.1502	ppb	1.9	956
Bi	209	>	406109		ppb	1.2	349103
As-O	91		36283	110.3554	ppb	0.5	41
Se-O	78		15104	94.3193	ppb	1.8	17
In_O	115	>	248543		ppb	0.4	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: CCV

Sample Description:

Autosampler Position: 4

Sample Date/Time: Friday, July 28, 2006 14:41:19

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\CCV.054

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	12794		ppb	1.4	11016
Be	9		21622	98.5223	ppb	2.4	4
B	11		70747	277.2330	ppb	4.3	364
Sc	45		223103	-3393.6554	ppb	5.4	162260
Sc-1	45		223103		ppb	5.4	162260
Al	27		482069	126.9963	ppb	4.8	6896
Mg	24		277192	129.3210	ppb	5.6	1724
Ti	47		77244	112.3437	ppb	2.6	4433
V	51		889284	108.6187	ppb	4.7	-14244
Cr	52		814365	108.7506	ppb	3.7	16545
Mn	55		1267373	108.9585	ppb	4.9	1909
Fe	54		103040	119.5841	ppb	5.8	29476
Fe	57		35118	102.8099	ppb	3.8	6982
Fe	56		3034895	135.1875	ppb	2.8	1359502
Co	59		1009638	105.4704	ppb	2.4	86
Ni	60		235527	103.9261	ppb	4.0	224
Cu	63		512225	103.1884	ppb	4.4	1315
Cu	65		248184	102.3529	ppb	3.7	880
As	75		177081	99.2668	ppb	1.6	-945
As-1	75		182140	100.1995	ppb	1.8	6488
Se	78		53938	97.5400	ppb	2.5	7504
Se	82		17942	94.5980	ppb	2.1	39
Sr	88		1900372	95.8511	ppb	1.8	448
Y	89	>	456065		mg/L	1.3	370490
Zn	66		160668	99.2303	ppb	2.9	1582
Zn	68		115863	97.8138	ppb	1.2	1375
Y-1	89		456065		ppb	1.3	370490
Mo	95		303938	97.7000	ppb	2.5	578
In	115	>	415235		ppb	1.9	339976
Ag	107		821931	99.5349	ppb	2.1	341
Cd	111		195532	97.3902	ppb	2.7	51
Cd-1	111		194622	97.3012	ppb	2.5	272
Sn	118		545759	102.5990	ppb	1.2	1248
Sb	123		460786	105.2519	ppb	1.1	2494
Ba	135		153413	99.3960	ppb	2.7	51
Tb	159		530485		ppb	1.5	454662
Mo	92		266780	96.7826	ppb	2.8	323
Mo	98		486038	99.8539	ppb	2.2	536
Ho	165		585372		ppb	2.3	500300
Tl	203		996472	101.5863	ppb	3.1	165
Pb	207		2738605	101.2380	ppb	1.5	956
Bi	209	>	442678		ppb	1.7	349103
As-O	91		38844	111.2359	ppb	0.7	41
Se-O	78		17183	101.0358	ppb	0.5	17
In_O	115	>	264030		ppb	1.9	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message
11	B	

27	Al
24	Mg
47	Ti
91	As-O

SAMPLE INFORMATION

Sample ID: CCB

Sample Description:

Autosampler Position: 7

Sample Date/Time: Friday, July 28, 2006 14:46:54

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\CCB.055

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	13018		ppb	4.6	11016
Be	9		5	0.0041	ppb	54.1	4
B	11		1539	4.2979	ppb	6.6	364
Sc	45		230524	-3767.0965	ppb	4.7	162260
Sc-1	45		230524		ppb	4.7	162260
Al	27		14104	1.4342	ppb	1.4	6896
Mg	24		8589	2.9633	ppb	5.8	1724
Ti	47		5453	-0.1688	ppb	2.6	4433
V	51		-16674	0.1441	ppb	86.7	-14244
Cr	52		26145	0.7230	ppb	1.6	16545
Mn	55		3192	0.0672	ppb	1.5	1909
Fe	54		52737	27.6721	ppb	3.9	29476
Fe	57		9368	2.2954	ppb	6.2	6982
Fe	56		2028050	31.2833	ppb	10.5	1359502
Co	59		265	0.0161	ppb	17.1	86
Ni	60		330	0.0212	ppb	1.6	224
Cu	63		1179	-0.0933	ppb	4.6	1315
Cu	65		837	-0.1083	ppb	5.4	880
As	75		-336	0.4603	ppb	210.9	-945
As-1	75		8640	0.2766	ppb	7.5	6488
Se	78		9416	-0.0029	ppb	1.3	7504
Se	82		177	0.6642	ppb	7.2	39
Sr	88		1983	0.0703	ppb	3.8	448
Y	89	>	465045		mg/L	1.5	370490
Zn	66		2413	0.2614	ppb	2.5	1582
Zn	68		2137	0.3453	ppb	4.3	1375
Y-1	89		465045		ppb	1.5	370490
Mo	95		3402	0.8626	ppb	12.1	578
In	115	>	417841		ppb	1.6	339976
Ag	107		2749	0.2807	ppb	24.5	341
Cd	111		106	0.0211	ppb	29.1	51
Cd-1	111		494	0.0796	ppb	4.7	272
Sn	118		4478	0.5520	ppb	9.2	1248
Sb	123		20658	4.0230	ppb	15.0	2494
Ba	135		203	0.0906	ppb	16.3	51
Tb	159		543215		ppb	3.0	454662
Mo	92		2746	0.8487	ppb	14.4	323
Mo	98		4839	0.8550	ppb	12.4	536
Ho	165		590766		ppb	2.3	500300
Tl	203		1992	0.1795	ppb	9.7	165
Pb	207		2797	0.0575	ppb	9.9	956
Bi	209	>	447057		ppb	1.9	349103
As-O	91		165	0.3251	ppb	2.6	41
Se-O	78		107	0.5070	ppb	10.4	17
In_O	115	>	261880		ppb	1.4	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: CCB

Sample Description:

Autosampler Position: 8

Sample Date/Time: Friday, July 28, 2006 14:53:08

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\CCB.056

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	13098		ppb	2.0	11016
Be	9		4	-0.0032	ppb	56.8	4
B	11		1012	2.2315	ppb	6.4	364
Sc	45		230617	-3609.1379	ppb	5.7	162260
Sc-1	45		230617		ppb	5.7	162260
Al	27		12737	1.1033	ppb	6.3	6896
Mg	24		4933	1.2972	ppb	2.5	1724
Ti	47		5409	-0.1601	ppb	1.3	4433
V	51		-13153	0.5399	ppb	96.7	-14244
Cr	52		27424	0.9290	ppb	1.9	16545
Mn	55		3038	0.0565	ppb	3.6	1909
Fe	54		56060	34.4116	ppb	3.7	29476
Fe	57		10743	7.9114	ppb	2.7	6982
Fe	56		2148386	44.8420	ppb	10.6	1359502
Co	59		125	0.0019	ppb	2.3	86
Ni	60		265	-0.0059	ppb	5.4	224
Cu	63		921	-0.1429	ppb	1.6	1315
Cu	65		713	-0.1562	ppb	6.0	880
As	75		-560	0.3386	ppb	103.3	-945
As-1	75		8409	0.1944	ppb	8.0	6488
Se	78		9275	-0.1184	ppb	1.3	7504
Se	82		127	0.4155	ppb	7.5	39
Sr	88		1015	0.0229	ppb	6.6	448
Y	89	>	460738		mg/L	1.2	370490
Zn	66		2078	0.0685	ppb	4.6	1582
Zn	68		1964	0.2154	ppb	1.8	1375
Y-1	89		460738		ppb	1.2	370490
Mo	95		1313	0.1942	ppb	3.2	578
In	115	>	416981		ppb	2.1	339976
Ag	107		744	0.0394	ppb	6.5	341
Cd	111		72	0.0045	ppb	7.3	51
Cd-1	111		455	0.0607	ppb	8.2	272
Sn	118		2772	0.2330	ppb	4.7	1248
Sb	123		8868	1.3308	ppb	5.5	2494
Ba	135		194	0.0852	ppb	4.4	51
Tb	159		534106		ppb	1.8	454662
Mo	92		886	0.1776	ppb	4.5	323
Mo	98		1571	0.1872	ppb	5.6	536
Ho	165		584565		ppb	3.2	500300
Tl	203		951	0.0751	ppb	4.7	165
Pb	207		1342	0.0045	ppb	1.7	956
Bi	209	>	445615		ppb	1.6	349103
As-O	91		78	0.0752	ppb	7.8	41
Se-O	78		36	0.0859	ppb	27.6	17
In_O	115	>	259956		ppb	0.5	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: 06-07-1032-x5-2

Sample Description: water

Autosampler Position: 23

Sample Date/Time: Friday, July 28, 2006 15:08:15

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\06-07-1032-x5-2.059

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL): 1

Diluted To Volume (mL): 5

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	12376		ppb	0.6	11016
Be	9		4	-0.0108	ppb	56.8	4
B	11		13550	267.7623	ppb	3.4	364
Sc	45		229672	-23915.5846	ppb	6.3	162260
Sc-1	45		229672		ppb	6.3	162260
Al	27		464669	621.0797	ppb	3.3	6896
Mg	24		12337810	29426.7654	ppb	4.0	1724
Ti	47		8520	24.9418	ppb	4.1	4433
V	51		-13028	2.5880	ppb	93.2	-14244
Cr	52		26609	4.5470	ppb	2.0	16545
Mn	55		467456	203.2906	ppb	2.9	1909
Fe	54		202474	1516.9051	ppb	8.0	29476
Fe	57		98629	1773.0237	ppb	12.6	6982
Fe	56		4316385	1343.8122	ppb	3.3	1359502
Co	59		1805	0.9017	ppb	2.3	86
Ni	60		2756	5.5704	ppb	6.8	224
Cu	63		2837	1.2738	ppb	8.1	1315
Cu	65		1475	0.8560	ppb	5.3	880
As	75		-1189	-0.1263	ppb	19.7	-945
As-1	75		7677	-0.5684	ppb	2.3	6488
Se	78		9064	-0.4127	ppb	1.1	7504
Se	82		88	1.1003	ppb	35.2	39
Sr	88		3447949	882.5141	ppb	1.5	448
Y	89	>	449430		mg/L	1.2	370490
Zn	66		14084	38.5839	ppb	3.3	1582
Zn	68		12007	44.9326	ppb	3.1	1375
Y-1	89		449430		ppb	1.2	370490
Mo	95		2603	3.1230	ppb	1.6	578
In	115	>	408749		ppb	0.8	339976
Ag	107		335	-0.0463	ppb	6.1	341
Cd	111		96	0.0868	ppb	10.3	51
Cd-1	111		466	0.3523	ppb	3.0	272
Sn	118		1266	-0.2239	ppb	8.4	1248
Sb	123		3996	1.1672	ppb	7.9	2494
Ba	135		72960	239.8920	ppb	2.0	51
Tb	159		531689		ppb	2.8	454662
Mo	92		2006	2.9868	ppb	1.6	323
Mo	98		3569	3.0553	ppb	1.8	536
Ho	165		580574		ppb	3.1	500300
Tl	203		418	0.1134	ppb	4.0	165
Pb	207		4776	0.6865	ppb	0.3	956
Bi	209	>	429550		ppb	2.8	349103
As-O	91		126	1.2909	ppb	11.1	41
Se-O	78		35	0.5114	ppb	10.0	17
In_O	115	>	235693		ppb	8.3	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: 06-07-1032-1

Sample Description: water

Autosampler Position: 24

Sample Date/Time: Friday, July 28, 2006 15:13:16

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\06-07-1032-1.060

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	11782		ppb	4.4	11016
Be	9		7	0.0172	ppb	20.8	4
B	11		59696	254.1076	ppb	3.4	364
Sc	45		262539	-9479.8655	ppb	3.4	162260
Sc-1	45		262539		ppb	3.4	162260
Al	27		1254273	321.9405	ppb	4.5	6896
Mg	24		62313148	28244.8616	ppb	4.0	1724
Ti	47		19508	20.8978	ppb	2.6	4433
V	51		2677	2.4104	ppb	260.3	-14244
Cr	52		25212	0.5418	ppb	5.2	16545
Mn	55		2136907	177.1651	ppb	6.5	1909
Fe	54		741696	1216.2287	ppb	3.4	29476
Fe	57		383171	1399.1495	ppb	2.6	6982
Fe	56		13325424	1109.1461	ppb	4.6	1359502
Co	59		7613	0.7559	ppb	4.3	86
Ni	60		12571	5.2339	ppb	5.3	224
Cu	63		7850	1.2027	ppb	4.4	1315
Cu	65		3404	0.9114	ppb	5.0	880
As	75		-41	0.6268	ppb	807.4	-945
As-1	75		8056	-0.1232	ppb	6.0	6488
Se	78		9422	-0.3287	ppb	2.4	7504
Se	82		500	2.2944	ppb	5.5	39
Sr	88		17690657	860.3327	ppb	2.7	448
Y	89	>	473125		mg/L	1.9	370490
Zn	66		74437	43.6548	ppb	1.3	1582
Zn	68		59880	48.0145	ppb	1.0	1375
Y-1	89		473125		ppb	1.9	370490
Mo	95		10969	3.2583	ppb	1.8	578
In	115	>	421067		ppb	1.0	339976
Ag	107		178	-0.0292	ppb	6.5	341
Cd	111		100	0.0178	ppb	17.5	51
Cd-1	111		468	0.0643	ppb	2.8	272
Sn	118		991	-0.1030	ppb	5.6	1248
Sb	123		3399	0.0705	ppb	1.3	2494
Ba	135		357686	228.5212	ppb	3.4	51
Tb	159		537416		ppb	0.9	454662
Mo	92		9526	3.2699	ppb	2.5	323
Mo	98		16856	3.2848	ppb	2.3	536
Ho	165		589486		ppb	2.9	500300
Tl	203		396	0.0212	ppb	4.4	165
Pb	207		24130	0.8951	ppb	1.9	956
Bi	209	>	420434		ppb	2.7	349103
As-O	91		321	0.8267	ppb	3.9	41
Se-O	78		65	0.2770	ppb	4.3	17
In_O	115	>	248279		ppb	0.3	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: 06-07-1032-2

Sample Description: water

Autosampler Position: 25

Sample Date/Time: Friday, July 28, 2006 15:18:18

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\06-07-1032-2.061

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	12162		ppb	2.7	11016
Be	9		7	0.0128	ppb	37.7	4
B	11		60991	251.4506	ppb	2.8	364
Sc	45		268699	-9214.1746	ppb	3.2	162260
Sc-1	45		268699		ppb	3.2	162260
Al	27		2111143	521.5535	ppb	3.3	6896
Mg	24		67725464	29466.2319	ppb	4.0	1724
Ti	47		22169	23.5738	ppb	4.1	4433
V	51		4199	2.5661	ppb	129.6	-14244
Cr	52		23600	0.2044	ppb	4.2	16545
Mn	55		2277604	181.3023	ppb	5.9	1909
Fe	54		836609	1321.6497	ppb	9.3	29476
Fe	57		413422	1449.9002	ppb	2.0	6982
Fe	56		14414755	1158.2308	ppb	3.2	1359502
Co	59		7507	0.7149	ppb	1.9	86
Ni	60		11366	4.5253	ppb	1.7	224
Cu	63		7754	1.1234	ppb	4.0	1315
Cu	65		3627	0.9420	ppb	7.5	880
As	75		16	0.6530	ppb	1903.5	-945
As-1	75		8457	-0.0932	ppb	2.5	6488
Se	78		9752	-0.4570	ppb	1.7	7504
Se	82		495	2.1706	ppb	5.5	39
Sr	88		18836506	879.3015	ppb	2.3	448
Y	89	>	492971		mg/L	2.8	370490
Zn	66		52230	28.9990	ppb	2.5	1582
Zn	68		44776	34.0452	ppb	2.0	1375
Y-1	89		492971		ppb	2.8	370490
Mo	95		11266	3.2293	ppb	2.4	578
In	115	>	436047		ppb	1.0	339976
Ag	107		148	-0.0334	ppb	8.2	341
Cd	111		85	0.0091	ppb	0.0	51
Cd-1	111		501	0.0725	ppb	12.5	272
Sn	118		1222	-0.0679	ppb	1.9	1248
Sb	123		3001	-0.0430	ppb	2.4	2494
Ba	135		373492	230.3904	ppb	1.5	51
Tb	159		536197		ppb	1.9	454662
Mo	92		9596	3.1766	ppb	3.3	323
Mo	98		17088	3.2127	ppb	1.6	536
Ho	165		580132		ppb	1.8	500300
Tl	203		340	0.0156	ppb	5.7	165
Pb	207		16258	0.5943	ppb	1.7	956
Bi	209	>	416433		ppb	1.6	349103
As-O	91		324	0.7835	ppb	2.6	41
Se-O	78		73	0.3037	ppb	10.7	17
In_O	115	>	262451		ppb	1.0	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: 06-07-1032-3

Sample Description: water

Autosampler Position: 26

Sample Date/Time: Friday, July 28, 2006 15:23:18

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\06-07-1032-3.062

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	13316		ppb	4.8	11016
Be	9		2	-0.0093	ppb	49.5	4
B	11		1171	2.7672	ppb	13.5	364
Sc	45		234281	-3619.2076	ppb	1.8	162260
Sc-1	45		234281		ppb	1.8	162260
Al	27		34946	6.3537	ppb	3.1	6896
Mg	24		29105	11.5846	ppb	25.2	1724
Ti	47		5608	-0.4556	ppb	1.2	4433
V	51		-3369	1.7294	ppb	198.0	-14244
Cr	52		35264	1.6604	ppb	4.8	16545
Mn	55		9238	0.5300	ppb	6.2	1909
Fe	54		55242	26.1279	ppb	5.2	29476
Fe	57		10980	5.8879	ppb	2.1	6982
Fe	56		2208571	35.5940	ppb	9.4	1359502
Co	59		261	0.0141	ppb	2.8	86
Ni	60		2610	0.9402	ppb	3.5	224
Cu	63		1713	-0.0083	ppb	5.6	1315
Cu	65		1127	-0.0188	ppb	4.8	880
As	75		-438	0.4234	ppb	88.7	-945
As-1	75		8802	0.0693	ppb	1.6	6488
Se	78		9737	-0.5855	ppb	1.7	7504
Se	82		198	0.7125	ppb	15.2	39
Sr	88		7512	0.3208	ppb	20.8	448
Y	89	>	495278		mg/L	2.0	370490
Zn	66		24532	12.9003	ppb	5.4	1582
Zn	68		17184	12.1012	ppb	4.5	1375
Y-1	89		495278		ppb	2.0	370490
Mo	95		741	-0.0049	ppb	3.0	578
In	115	>	446064		ppb	2.1	339976
Ag	107		114	-0.0376	ppb	7.0	341
Cd	111		54	-0.0063	ppb	7.5	51
Cd-1	111		455	0.0457	ppb	9.6	272
Sn	118		698	-0.1648	ppb	2.8	1248
Sb	123		1463	-0.3867	ppb	17.9	2494
Ba	135		466	0.2411	ppb	8.3	51
Tb	159		540174		ppb	2.1	454662
Mo	92		395	-0.0097	ppb	12.4	323
Mo	98		709	0.0012	ppb	4.6	536
Ho	165		587559		ppb	2.0	500300
Tl	203		248	0.0037	ppb	2.8	165
Pb	207		1510	0.0104	ppb	2.8	956
Bi	209	>	447588		ppb	2.1	349103
As-O	91		40	-0.0460	ppb	7.7	41
Se-O	78		31	0.0381	ppb	15.8	17
In_O	115	>	283768		ppb	1.4	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: CCV

Sample Description:

Autosampler Position: 4

Sample Date/Time: Friday, July 28, 2006 15:43:17

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\CCV.064

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	⌈>	12911		ppb	1.1	11016
Be	9	|	21850	98.6525	ppb	3.6	4
B	11	|	71048	275.8499	ppb	4.3	364
Sc	45	⌊	234787	-4320.3903	ppb	3.9	162260
Sc-1	45	⌈	234787		ppb	3.9	162260
Al	27	|	512286	125.5834	ppb	5.4	6896
Mg	24	|	287539	124.8530	ppb	3.7	1724
Ti	47	|	79306	106.9580	ppb	4.4	4433
V	51	|	924180	105.1000	ppb	4.4	-14244
Cr	52	|	859285	106.7844	ppb	3.1	16545
Mn	55	|	1304236	104.3369	ppb	4.9	1909
Fe	54	|	107634	114.4538	ppb	3.4	29476
Fe	57	|	35414	94.3672	ppb	7.1	6982
Fe	56	|	3109450	120.9927	ppb	7.3	1359502
Co	59	|	1024103	99.5507	ppb	2.0	86
Ni	60	|	238086	97.7759	ppb	2.2	224
Cu	63	|	511722	95.9451	ppb	2.5	1315
Cu	65	|	251410	96.4693	ppb	3.9	880
As	75	|	181874	94.9245	ppb	2.1	-945
As-1	75	|	187189	95.6415	ppb	2.5	6488
Se	78	|	56301	94.2057	ppb	1.5	7504
Se	82	|	18715	91.8767	ppb	3.3	39
Sr	88	|	2051879	96.3261	ppb	3.2	448
Y	89	|>	490044		mg/L	2.3	370490
Zn	66	|	161206	92.5573	ppb	4.7	1582
Zn	68	⌊	116609	91.5100	ppb	3.5	1375
Y-1	89	⌈	490044		ppb	2.3	370490
Mo	95	|	316798	95.5136	ppb	1.5	578
In	115	|>	442725		ppb	1.6	339976
Ag	107	|	861108	97.7872	ppb	1.7	341
Cd	111	|	204204	95.4040	ppb	1.4	51
Cd-1	111	|	203425	95.3928	ppb	1.2	272
Sn	118	|	570057	100.4917	ppb	2.1	1248
Sb	123	|	472722	101.2286	ppb	1.3	2494
Ba	135	|	157091	95.4391	ppb	2.1	51
Tb	159	|	535494		ppb	1.2	454662
Mo	92	|	282120	96.0148	ppb	1.3	323
Mo	98	⌊	496410	95.6506	ppb	1.3	536
Ho	165	⌈	583421		ppb	2.2	500300
Tl	203	|	983912	99.9630	ppb	3.3	165
Pb	207	|	2678330	98.6642	ppb	2.1	956
Bi	209	⌊>	444186		ppb	1.7	349103
As-O	91	⌈	45138	120.0756	ppb	0.9	41
Se-O	78	|	18509	101.0898	ppb	1.5	17
In_O	115	⌊>	284199		ppb	1.1	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message
11	B	

27 Al
24 Mg
91 As-O

SAMPLE INFORMATION

Sample ID: ICS AB

Sample Description:

Autosampler Position: 11

Sample Date/Time: Friday, July 28, 2006 15:48:53

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\ICS AB.065

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	11094		ppb	0.2	11016
Be	9		6	0.0121	ppb	28.9	4
B	11		943	2.6214	ppb	11.5	364
Sc	45		213974	-5689.7738	ppb	4.6	162260
Sc-1	45		213974		ppb	4.6	162260
Al	27		41720186	10410.8391	ppb	6.6	6896
Mg	24		25577361	11194.8012	ppb	6.5	1724
Ti	47		163830	230.2184	ppb	3.6	4433
V	51		190828	23.3905	ppb	5.0	-14244
Cr	52		171209	19.0464	ppb	2.5	16545
Mn	55		269617	21.4159	ppb	4.9	1909
Fe	54		15163793	25230.1325	ppb	6.2	29476
Fe	57		5882245	21198.8926	ppb	2.4	6982
Fe	56		245128825	22498.2241	ppb	2.4	1359502
Co	59		193082	18.7756	ppb	2.6	86
Ni	60		45136	18.4502	ppb	5.0	224
Cu	63		96808	17.8924	ppb	5.8	1315
Cu	65		46459	17.4652	ppb	5.0	880
As	75		18419	10.1998	ppb	0.2	-945
As-1	75		27740	10.2679	ppb	0.7	6488
Se	78		14693	9.6996	ppb	1.1	7504
Se	82		1986	9.5248	ppb	4.7	39
Sr	88		49175	2.2818	ppb	2.5	448
Y	89	>	489927		mg/L	2.4	370490
Zn	66		17858	9.1721	ppb	4.9	1582
Zn	68		11934	8.0671	ppb	3.7	1375
Y-1	89		489927		ppb	2.4	370490
Mo	95		618017	186.3339	ppb	1.1	578
In	115	>	443368		ppb	2.0	339976
Ag	107		35345	3.9616	ppb	5.9	341
Cd	111		22555	10.4954	ppb	1.4	51
Cd-1	111		21682	10.0041	ppb	1.5	272
Sn	118		1525	-0.0182	ppb	16.9	1248
Sb	123		8413	1.1097	ppb	16.0	2494
Ba	135		200	0.0813	ppb	0.8	51
Tb	159		527938		ppb	1.9	454662
Mo	92		556086	189.1430	ppb	1.4	323
Mo	98		962697	185.3491	ppb	1.8	536
Ho	165		575738		ppb	2.1	500300
Tl	203		1358	0.1274	ppb	19.3	165
Pb	207		4664	0.1398	ppb	3.7	956
Bi	209	>	414211		ppb	3.6	349103
As-O	91		5052	13.4433	ppb	0.9	41
Se-O	78		2095	11.4434	ppb	3.8	17
In_O	115	>	281283		ppb	0.6	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: ICS A

Sample Description:

Autosampler Position: 12

Sample Date/Time: Friday, July 28, 2006 15:54:29

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\ICS A.066

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	11312		ppb	1.2	11016
Be	9		3	-0.0057	ppb	21.7	4
B	11		605	1.0313	ppb	1.9	364
Sc	45		200572	-3750.7546	ppb	2.4	162260
Sc-1	45		200572		ppb	2.4	162260
Al	27		38087017	9834.5174	ppb	4.5	6896
Mg	24		23274536	10537.2177	ppb	4.4	1724
Ti	47		152088	220.7150	ppb	1.9	4433
V	51		-437	2.0499	ppb	130.1	-14244
Cr	52		9555	-1.5277	ppb	6.9	16545
Mn	55		12519	0.8361	ppb	1.3	1909
Fe	54		15020868	25852.1340	ppb	2.3	29476
Fe	57		5862733	21851.8126	ppb	3.1	6982
Fe	56		239510476	22734.7354	ppb	2.5	1359502
Co	59		3592	0.3502	ppb	3.8	86
Ni	60		1877	0.6770	ppb	7.2	224
Cu	63		3413	0.3372	ppb	3.8	1315
Cu	65		1613	0.1947	ppb	6.4	880
As	75		-352	0.4594	ppb	45.8	-945
As-1	75		9011	0.3998	ppb	4.9	6488
Se	78		9367	-0.4664	ppb	3.7	7504
Se	82		16	-0.1659	ppb	131.2	39
Sr	88		47454	2.2772	ppb	1.9	448
Y	89	>	473719		mg/L	1.8	370490
Zn	66		2477	0.2732	ppb	2.4	1582
Zn	68		1216	-0.4467	ppb	3.5	1375
Y-1	89		473719		ppb	1.8	370490
Mo	95		601119	184.8867	ppb	1.7	578
In	115	>	434498		ppb	2.1	339976
Ag	107		460	0.0027	ppb	3.8	341
Cd	111		1207	0.5431	ppb	5.5	51
Cd-1	111		456	0.0513	ppb	11.3	272
Sn	118		749	-0.1524	ppb	7.6	1248
Sb	123		3839	0.1431	ppb	2.8	2494
Ba	135		161	0.0595	ppb	6.7	51
Tb	159		530215		ppb	2.1	454662
Mo	92		533913	185.2828	ppb	1.4	323
Mo	98		944455	185.5747	ppb	0.9	536
Ho	165		575694		ppb	2.4	500300
Tl	203		478	0.0302	ppb	1.5	165
Pb	207		4098	0.1153	ppb	0.8	956
Bi	209	>	419116		ppb	2.3	349103
As-O	91		181	0.3585	ppb	6.9	41
Se-O	78		81	0.3376	ppb	22.4	17
In_O	115	>	268903		ppb	0.4	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: CCB

Sample Description:

Autosampler Position: 7

Sample Date/Time: Friday, July 28, 2006 16:00:04

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\CCB.067

Initial Sample Quantity (mg):

Sample Prep Volume (mL):

Aliquot Volume (mL):

Diluted To Volume (mL):

Summary

Analyte	Mass		Meas. Intens. Mean	Conc. Mean	Report Unit	Meas. Intens. RSD	Blank Intensity
Li	6	>	13004		ppb	2.7	11016
Be	9		6	0.0075	ppb	44.1	4
B	11		704	1.0660	ppb	4.7	364
Sc	45		225113	-3234.5756	ppb	3.1	162260
Sc-1	45		225113		ppb	3.1	162260
Al	27		18650	2.6009	ppb	3.8	6896
Mg	24		9780	3.4852	ppb	4.7	1724
Ti	47		5425	-0.2571	ppb	2.0	4433
V	51		-10692	0.8545	ppb	66.0	-14244
Cr	52		16887	-0.5319	ppb	4.4	16545
Mn	55		2718	0.0259	ppb	1.8	1909
Fe	54		53986	29.3147	ppb	4.4	29476
Fe	57		11194	8.9911	ppb	12.5	6982
Fe	56		2038911	31.3218	ppb	9.7	1359502
Co	59		156	0.0049	ppb	7.7	86
Ni	60		299	0.0071	ppb	11.1	224
Cu	63		1101	-0.1100	ppb	1.6	1315
Cu	65		825	-0.1155	ppb	0.6	880
As	75		-658	0.2874	ppb	102.7	-945
As-1	75		8476	0.1593	ppb	9.7	6488
Se	78		9490	0.0477	ppb	2.8	7504
Se	82		146	0.5017	ppb	25.5	39
Sr	88		1396	0.0409	ppb	7.7	448
Y	89	>	467607		mg/L	1.7	370490
Zn	66		2400	0.2457	ppb	1.2	1582
Zn	68		1890	0.1284	ppb	2.8	1375
Y-1	89		467607		ppb	1.7	370490
Mo	95		6651	1.8685	ppb	20.3	578
In	115	>	424030		ppb	2.2	339976
Ag	107		1493	0.1265	ppb	14.2	341
Cd	111		82	0.0087	ppb	16.8	51
Cd-1	111		405	0.0320	ppb	7.1	272
Sn	118		2711	0.2130	ppb	5.4	1248
Sb	123		9916	1.5331	ppb	1.4	2494
Ba	135		173	0.0694	ppb	2.1	51
Tb	159		553685		ppb	2.4	454662
Mo	92		5633	1.8586	ppb	22.9	323
Mo	98		9883	1.8544	ppb	19.9	536
Ho	165		596618		ppb	2.4	500300
Tl	203		839	0.0607	ppb	10.3	165
Pb	207		2175	0.0322	ppb	1.3	956
Bi	209	>	462498		ppb	2.6	349103
As-O	91		68	0.0471	ppb	20.6	41
Se-O	78		56	0.2098	ppb	12.8	17
In_O	115	>	258473		ppb	0.8	205979

QC Out Of Limits

Mass	Analyte	Out of Limits Message

Mercury Raw Data Log Sheet

DATE	DATA FILE	CEL ID #	DILUTION FACTOR	STANDARDS LOT #	STANDARDS CONC (ppm)	STANDARDS VOL (mL)	ANALYST	COMMENTS
7-20-06	060720 D1	CCV	5	M031306F	2.0	0.5	x	
		CCB						
		06-07-0993-1F						
		4						
		06-07-0952-1						
		CCV	5	M031306F	2.0	0.5		
		CCB						
7-21-06	060721 D1	Cal. Blank						
		STD. 0.5 ppb	20	M031306F	2.0	0.5		
		1.0	10					
		2.0	5					
		5.0	2					
		10.0						
		ICV		M031306H	1.0			
		ICB						
		CRDL 1ppb						
		CCV	5	M031306F	2.0	0.5		
		CCB						
		CCV	5	M031306F	2.0	0.5		
		CCB						
		060721-601						
		601						
		601 D						
		06-07-0947-1tc MS						
		1tc MSD						
		1tc						
		2						
		3						

Reviewed by: _____ Date _____ / _____ / _____

04/18/06 Revision

DATE	DATA FILE	CEL ID #	DILUTION FACTOR	STANDARDS LOT #	STANDARDS CONC (ppm)	STANDARDS VOL (mL)	ANALYST	COMMENTS
7-21-06	060721D1	CCV	5	M031306F	2.0	0.5	x	
		CCB						
		060721-b02						
		L02						
		L02D						
		06-07-1004-1FMS						
		1FMSD						
		1F						
		CCV	5	M031306F	2.0	0.5		
		CCB						
		CCV	5	M031306F	2.0	0.5		
		CCB						
		060721-b04						
		L04						
		L04D						
		06-07-1032-2MS						
		2MSD						
		1						
		2						
		3						
		CCV	5	M031306F	2.0	0.5		
		CCB						
		CCV	5	M031306F	2.0	0.5		
		CCB						
		06-07-1060-1						
		2						
		3						
		4						

Reviewed by: _____ Date ____/____/____

04/18/06 Revision

==========

Analysis Begun

Logged In Analyst: Xue-Wen Xu **Technique: AA FIMS-MHS**
Spectrometer Model: FIMS-400, S/N B050-9560 **Autosampler Model: AS-90**

Sample Information File: C:\data-AA\xue-wen xu\Sample Information\060721D1.sif
Batch ID:
Results Data Set: 060721D1
Results Library: C:\data-AA\xue-wen xu\Results\Results.mdb

==========

Sequence No.: 1 **Autosampler Location: 6**
Sample ID: Calib blank 1 **Date Collected: 7/21/2006 12:45:59 PM**
Analyst: **Data Type: Original**

Replicate Data: Calib blank 1

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.0008	0.0023	0.0008	12:46:51	Yes
2		[0.00]	0.0007	0.0029	0.0007	12:47:35	Yes
Mean:		[0.00]	0.0007				
SD:		0.00	0.0000				
%RSD:		0.00	1.91				

Auto-zero performed.

==========

Sequence No.: 2 **Autosampler Location: 1**
Sample ID: 0.50ppb **Date Collected: 7/21/2006 12:48:02 PM**
Analyst: **Data Type: Original**

Replicate Data: 0.50ppb

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.50]	0.0030	0.0182	0.0037	12:49:06	Yes
2		[0.50]	0.0030	0.0182	0.0038	12:49:50	Yes
Mean:		[0.50]	0.0030				
SD:		0.00	0.0000				
%RSD:		0.00	0.73				

Standard number 1 applied. [0.50]
Correlation Coef.: 1.000000 Slope: 0.00598 Intercept: 0.00000

==========

Sequence No.: 3 **Autosampler Location: 2**
Sample ID: 1.00ppb **Date Collected: 7/21/2006 12:50:14 PM**
Analyst: **Data Type: Original**

Replicate Data: 1.00ppb

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[1.00]	0.0058	0.0317	0.0066	12:51:18	Yes
2		[1.00]	0.0058	0.0321	0.0066	12:52:02	Yes
Mean:		[1.00]	0.0058				
SD:		0.00	0.0000				
%RSD:		0.00	0.31				

Standard number 2 applied. [1.00]
Correlation Coef.: 0.999880 Slope: 0.00582 Intercept: 0.00003

==========

Sequence No.: 4 **Autosampler Location: 3**
Sample ID: 2.00ppb **Date Collected: 7/21/2006 12:52:26 PM**
Analyst: **Data Type: Original**

Replicate Data: 2.00ppb

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	[2.00]	0.0120	0.0615	0.0127	12:53:31	Yes
2	[2.00]	0.0120	0.0620	0.0128	12:54:15	Yes
Mean:	[2.00]	0.0120				
SD:	0.00	0.0000				
%RSD:	0.00	0.20				

Standard number 3 applied. [2.00]
Correlation Coef.: 0.999856 Slope: 0.00599 Intercept: -0.00004

Sequence No.: 5 **Autosampler Location: 4**
Sample ID: 5.00ppb **Date Collected: 7/21/2006 12:54:40 PM**
Analyst: **Data Type: Original**

Replicate Data: 5.00ppb

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5.00]	0.0309	0.1548	0.0316	12:55:45	Yes
2		[5.00]	0.0310	0.1539	0.0317	12:56:29	Yes
Mean:		[5.00]	0.0309				
SD:		0.00	0.0000				
%RSD:		0.00	0.15				

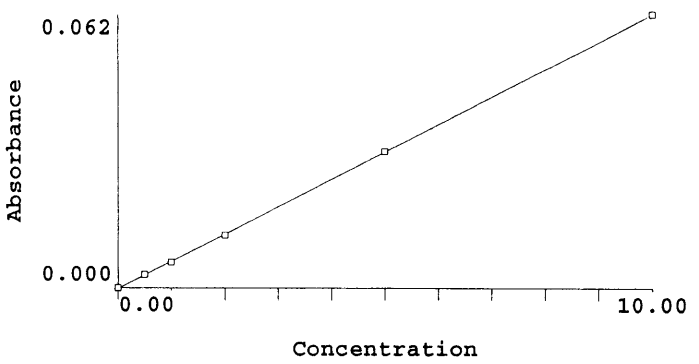
Standard number 4 applied. [5.00]
Correlation Coef.: 0.999892 Slope: 0.00620 Intercept: -0.00019

Sequence No.: 6 **Autosampler Location: 5**
Sample ID: 10.00ppb **Date Collected: 7/21/2006 12:56:54 PM**
Analyst: **Data Type: Original**

Replicate Data: 10.00ppb

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[10.00]	0.0621	0.3083	0.0629	12:58:00	Yes
2		[10.00]	0.0614	0.3046	0.0622	12:58:44	Yes
Mean:		[10.00]	0.0618				
SD:		0.00	0.0005				
%RSD:		0.00	0.81				

Standard number 5 applied. [10.00]
Correlation Coef.: 0.999977 Slope: 0.00620 Intercept: -0.00019



Calibration data for Hg 253.7 **Equation: Linear, Calculated Intercept**

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
Calib blank 1	0.0000	0	0.030533	0.00	1.9
0.50ppb	0.0030	0.50	0.513036	0.00	0.7
1.00ppb	0.0058	1.00	0.970345	0.00	0.3
2.00ppb	0.0120	2.00	1.967520	0.00	0.2
5.00ppb	0.0309	5.00	5.019510	0.00	0.1
10.00ppb	0.0618	10.00	9.999054	0.00	0.8

Correlation Coef.: 0.999977 Slope: 0.00620 Intercept: -0.00019

Sequence No.: 7 **Autosampler Location: 7**
Sample ID: ICV **Date Collected: 7/21/2006 12:59:10 PM**
Analyst: **Data Type: Original**

Replicate Data: ICV

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00476	4.76	0.0293	0.1476	0.0301	13:00:16	Yes
2	0.00472	4.72	0.0291	0.1448	0.0298	13:01:00	Yes
Mean:	0.00474	4.74	0.0292				
SD:	0.000028	0.0282	0.0002				
%RSD:	0.594	0.594	0.60				

QC value within limits for Hg 253.7 Recovery = 94.87%
All analyte(s) passed QC.

==========

Sequence No.: 8 **Autosampler Location: 6**
Sample ID: ICB **Date Collected: 7/21/2006 1:01:27 PM**
Analyst: **Data Type: Original**

Replicate Data: ICB

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000024	0.0236	-0.0000	0.0030	0.0007	13:02:33	Yes
2	0.000023	0.0230	-0.0000	0.0025	0.0007	13:03:17	Yes
Mean:	0.000023	0.0233	-0.0000				
SD:	0.000000	0.000393	0.0000				
%RSD:	1.69	1.69	5.43				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

==========

Sequence No.: 9 **Autosampler Location: 9**
Sample ID: CRDL 1PPB **Date Collected: 7/21/2006 1:03:43 PM**
Analyst: **Data Type: Original**

Replicate Data: CRDL 1PPB

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000988	0.988	0.0059	0.0324	0.0067	13:04:47	Yes
2	0.000981	0.981	0.0059	0.0319	0.0066	13:05:31	Yes
Mean:	0.000984	0.984	0.0059				
SD:	0.000005	0.00515	0.0000				
%RSD:	0.523	0.523	0.54				

==========

Sequence No.: 10 **Autosampler Location: 3**
Sample ID: CCV **Date Collected: 7/21/2006 1:05:55 PM**
Analyst: **Data Type: Original**

Replicate Data: CCV

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00188	1.88	0.0115	0.0596	0.0122	13:06:59	Yes
2	0.00188	1.88	0.0115	0.0587	0.0122	13:07:43	Yes
Mean:	0.00188	1.88	0.0115				
SD:	0.000000	0.000357	0.0000				
%RSD:	0.0190	0.0190	0.02				

QC value within limits for Hg 253.7 Recovery = 93.94%
All analyte(s) passed QC.

==========

Sequence No.: 11 **Autosampler Location: 6**
Sample ID: CCB **Date Collected: 7/21/2006 1:08:08 PM**
Analyst: **Data Type: Original**

Replicate Data: CCB

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000023	0.0234	-0.0000	0.0026	0.0007	13:09:14	Yes
2	0.000021	0.0208	-0.0001	0.0025	0.0007	13:09:58	Yes
Mean:	0.000022	0.0221	-0.0001				
SD:	0.000002	0.00182	0.0000				
%RSD:	8.25	8.25	21.53				

QC value within limits for Hg 253.7 Recovery = Not calculated

All analyte(s) passed QC.

==========

Analysis Begun

Logged In Analyst: Xue-Wen Xu **Technique: AA FIMS-MHS**
Spectrometer Model: FIMS-400, S/N B050-9560 **Autosampler Model: AS-90**

Sample Information File: C:\data-AA\xue-wen xu\Sample Information\060721D1.sif
Batch ID:
Results Data Set: 060721D1
Results Library: C:\data-AA\xue-wen xu\Results\Results.mdb

==========

Sequence No.: 1 **Autosampler Location: 3**
Sample ID: CCV **Date Collected: 7/21/2006 2:24:50 PM**
Analyst: **Data Type: Original**

Replicate Data: CCV

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00184	1.84	0.0112	0.0620	0.0119	14:25:55	Yes
2	0.00182	1.82	0.0111	0.0598	0.0118	14:26:39	Yes
Mean:	0.00183	1.83	0.0111				
SD:	0.000010	0.00975	0.0001				
%RSD:	0.533	0.533	0.54				

QC value within limits for Hg 253.7 Recovery = 91.41%
All analyte(s) passed QC.

==========

Sequence No.: 2 **Autosampler Location: 6**
Sample ID: CCB **Date Collected: 7/21/2006 2:27:04 PM**
Analyst: **Data Type: Original**

Replicate Data: CCB

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000003	0.00336	-0.0002	0.0026	0.0006	14:28:09	Yes
2	0.000050	0.0503	0.0001	0.0051	0.0009	14:28:53	Yes
Mean:	0.000027	0.0268	-0.0000				
SD:	0.000033	0.0332	0.0002				
%RSD:	124	124	896.66				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

==========

Sequence No.: 3 **Autosampler Location: 24**
Sample ID: 060721-b-04 **Date Collected: 7/21/2006 2:29:20 PM**
Analyst: **Data Type: Original**

Replicate Data: 060721-b-04

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000049	0.0246	-0.0000	0.0029	0.0007	14:30:24	Yes
2	0.000091	0.0457	0.0001	0.0055	0.0008	14:31:09	Yes
Mean:	0.000070	0.0352	0.0000				
SD:	0.000030	0.0149	0.0001				
%RSD:	42.4	42.4	321.77				

==========

Sequence No.: 4 **Autosampler Location: 25**
Sample ID: 060721-1-04 **Date Collected: 7/21/2006 2:31:34 PM**
Analyst: **Data Type: Original**

Replicate Data: 060721-1-04

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.0107	5.34	0.0329	0.1613	0.0337	14:32:39	Yes

2	0.0106	5.29	0.0326	0.1578	0.0334	14:33:23	Yes
Mean:	0.0106	5.32	0.0328				
SD:	0.000071	0.0354	0.0002				
%RSD:	0.665	0.665	0.67				

==========

Sequence No.: 5 **Autosampler Location: 26**
Sample ID: 060721-1-04d **Date Collected: 7/21/2006 2:33:49 PM**
Analyst: **Data Type: Original**

Replicate Data: 060721-1-04d

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.0106	5.29	0.0326	0.1578	0.0333	14:34:54	Yes
2	0.0107	5.36	0.0330	0.1587	0.0338	14:35:38	Yes
Mean:	0.0106	5.32	0.0328				
SD:	0.000104	0.0518	0.0003				
%RSD:	0.973	0.973	0.98				

==========

Sequence No.: 6 **Autosampler Location: 27**
Sample ID: 06-07-1032-2 ms **Date Collected: 7/21/2006 2:36:03 PM**
Analyst: **Data Type: Original**

Replicate Data: 06-07-1032-2 ms

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.0107	5.37	0.0331	0.1600	0.0339	14:37:09	Yes
2	0.0107	5.35	0.0330	0.1594	0.0337	14:37:53	Yes
Mean:	0.0107	5.36	0.0330				
SD:	0.000033	0.0164	0.0001				
%RSD:	0.306	0.306	0.31				

==========

Sequence No.: 7 **Autosampler Location: 28**
Sample ID: 06-07-1032-2 msd **Date Collected: 7/21/2006 2:38:19 PM**
Analyst: **Data Type: Original**

Replicate Data: 06-07-1032-2 msd

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.0108	5.38	0.0332	0.1614	0.0339	14:39:24	Yes
2	0.0107	5.37	0.0331	0.1583	0.0338	14:40:08	Yes
Mean:	0.0108	5.38	0.0331				
SD:	0.000023	0.0117	0.0001				
%RSD:	0.217	0.217	0.22				

==========

Sequence No.: 8 **Autosampler Location: 29**
Sample ID: 06-07-1032-1 **Date Collected: 7/21/2006 2:40:35 PM**
Analyst: **Data Type: Original**

Replicate Data: 06-07-1032-1

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000079	0.0394	0.0001	0.0046	0.0008	14:41:41	Yes
2	0.000051	0.0253	-0.0000	0.0032	0.0007	14:42:25	Yes
Mean:	0.000065	0.0324	0.0000				
SD:	0.000020	0.0100	0.0001				
%RSD:	30.9	30.9	549.27				

==========

Sequence No.: 9 **Autosampler Location: 30**
Sample ID: 06-07-1032-2 **Date Collected: 7/21/2006 2:42:51 PM**
Analyst: **Data Type: Original**

Replicate Data: 06-07-1032-2

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000012	0.00597	-0.0002	0.0016	0.0006	14:43:57	Yes
2	0.000044	0.0219	-0.0001	0.0033	0.0007	14:44:42	Yes
Mean:	0.000028	0.0139	-0.0001				
SD:	0.000023	0.0113	0.0001				
%RSD:	80.9	80.9	67.91				

==========

Sequence No.: 10 **Autosampler Location: 31**
Sample ID: 06-07-1032-3 **Date Collected: 7/21/2006 2:45:08 PM**
Analyst: **Data Type: Original**

Replicate Data: 06-07-1032-3

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000062	0.0308	0.0000	0.0042	0.0007	14:46:15	Yes
2	0.000027	0.0134	-0.0001	0.0029	0.0006	14:46:59	Yes
Mean:	0.000044	0.0221	-0.0001				
SD:	0.000025	0.0124	0.0001				
%RSD:	55.9	55.9	146.39				

==========

Sequence No.: 11 **Autosampler Location: 3**
Sample ID: CCV **Date Collected: 7/21/2006 2:47:26 PM**
Analyst: **Data Type: Original**

Replicate Data: CCV

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00198	1.98	0.0121	0.0606	0.0129	14:48:30	Yes
2	0.00197	1.97	0.0120	0.0606	0.0128	14:49:14	Yes
Mean:	0.00198	1.98	0.0121				
SD:	0.000011	0.0112	0.0001				
%RSD:	0.565	0.565	0.57				

QC value within limits for Hg 253.7 Recovery = 98.82%
All analyte(s) passed QC.

==========

Sequence No.: 12 **Autosampler Location: 6**
Sample ID: CCB **Date Collected: 7/21/2006 2:49:39 PM**
Analyst: **Data Type: Original**

Replicate Data: CCB

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000033	0.0332	0.0000	0.0041	0.0008	14:50:44	Yes
2	-0.000029	-0.0286	-0.0004	0.0006	0.0004	14:51:28	Yes
Mean:	0.000002	0.00227	-0.0002				
SD:	0.000044	0.0437	0.0003				
%RSD:	>999.9%	>999.9%	154.62				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Calscience
Environmental
Laboratories, Inc.

Perchlorate by EPA 314.0

Camp Dresser & McKee

CEL W.O. 06-07-1032

Hewitt Landfill Groundwater

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

PERCHLORATE INSTRUMENT LOGBOOK

Calscience Environmental Laboratories, Inc.

Date Loaded	Pos	Directory	Data File	CEL ID #	Mtx	Amount Loaded	COND. (us/cm)	Lot # Cal. Std.	By	Comments
07/24/06	1	060724	060724 #1	Blank	W	1250mL	N/A	N/A	AL	
	2		2	STD 1				605160M		
	3		3	2				O		
	4		4	3				P		
	5		5	4				Q		
	6		6	5				R		
	7		7	QCS				601040A		
	8		8	IPC				601900A		
	9		9	MB				N/A		
	10		10	ICCS				605160M		
	11		11	LCS				M		
	12		12	LCSD				M		
	13		13	06-07-1032-1J			1040	N/A		
	14		14	-2A2			1040			
	15		15	-2A2MS				605160M		
	16		16	-2A2MSD						
	17		17	-3L			1.1	N/A		
	18		18	06-07-0990-1A2X			2720			
	19		19	-2A 2X			2220			
	20		20	-3A 2X			2170			
	21		21	-4A 2X			~~2800~~ 2190			

AL 7/24/06

Reviewed by ____ Date ____/____/____

Perchlorate Ver 1.xls, 07/17/98 Revision

PERCHLORATE INSTRUMENT LOGBOOK

Calscience Environmental Laboratories, Inc.

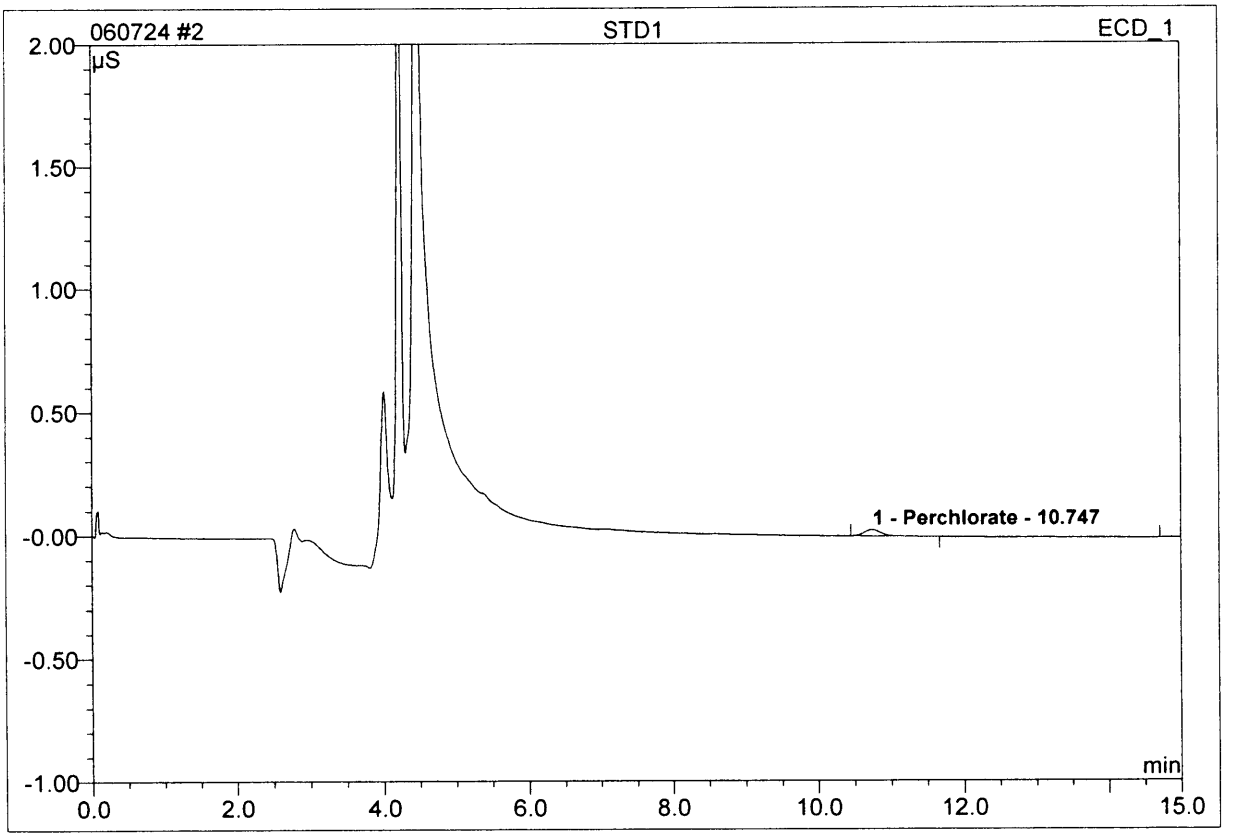
Date Loaded	Pos	Directory	Data File	CEL ID #	Mtx	Amount Loaded	COND. (us/cm)	Lot # Cal. Std.	By	Comments
07/24/06	22	060704	060724 ~~#22~~	06-07-0990-5A 2x	W	1250 µL	2800	N/A	JH	
	23		23	-6A 2x			2830			
	24		24	-7A 4x			6280			
	25		25	CCCS			N/A	G051606Q		
	26		26	06-07-0990-8A 4x			7890	N/A		
	27		27	-9A 2x			3180			
	28		28	-10A 2x			3260			
	29		29	06-07-1042-1A 3x			5810			
	30		30	-2A 3x			5350			
	31		31	-3A 3x			5240			
	32		32	-4A 2x			2670			
	33		33	ECCS			N/A	G051606P		
	34		34	MB				N/A		rerun batch
	35		35	QCS				G010406A		
	36		36	LCS				G051606M		
	37		37	LCSD						
	38		38	06-07-0913-1A 2x			3890	N/A		
	39		39	-2A 3x			4180			
	40		40	-3A 3x			5970			
	41		41	-4A 3x			4300			
	42		42	-5A 2x			3770			

Reviewed by ____ Date ____/____/____

Perchlorate Ver 1.xls, 07/17/98 Revision

2 STD1

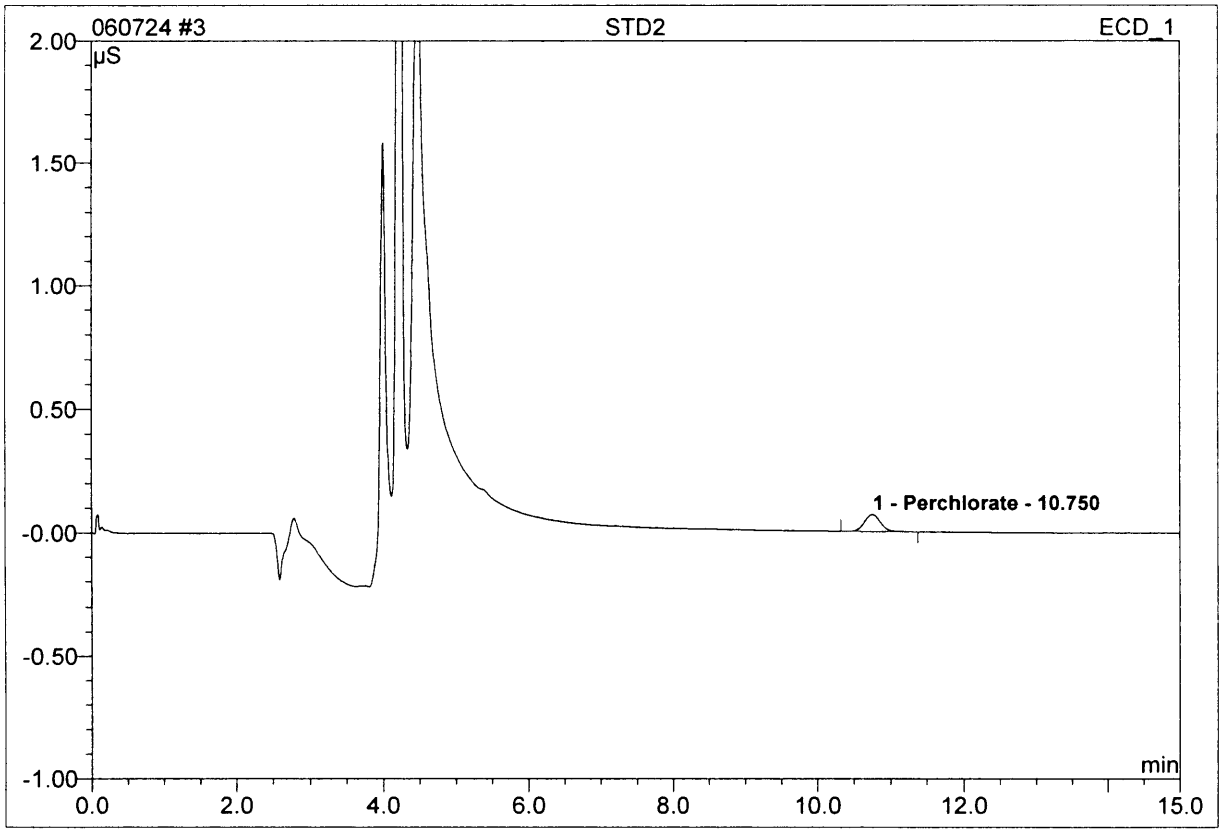
Sample Name:	**STD1**	*Injection Volume:*	**1250.0**
Vial Number:	**15**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 15:23**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	10.75	Perchlorate	0.026	0.007	97.05	2.066	BMB
Total:			0.026	0.007	97.05	2.066	

3 STD2

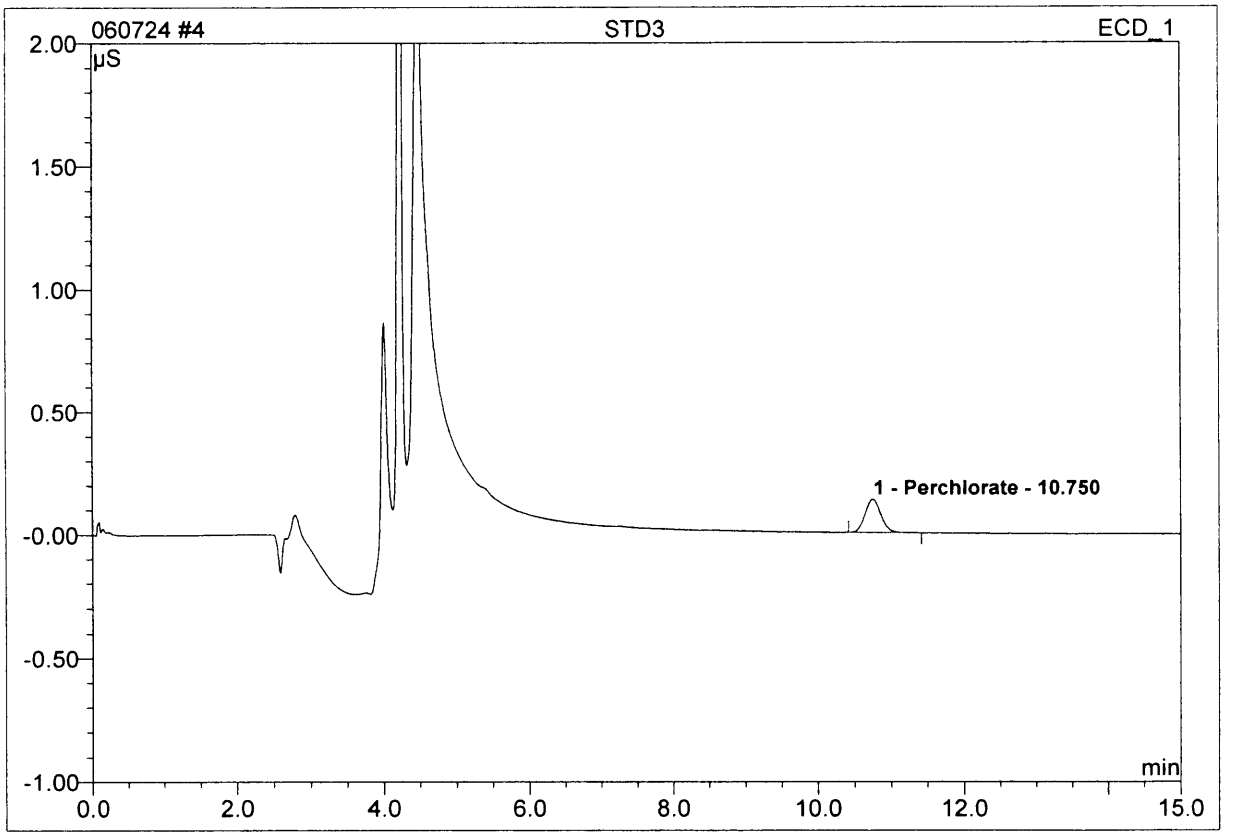
Sample Name:	**STD2**	*Injection Volume:*	**1250.0**
Vial Number:	**16**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 15:40**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	10.75	Perchlorate	0.068	0.017	100.00	5.164	BMB
Total:			0.068	0.017	100.00	5.164	

4 STD3

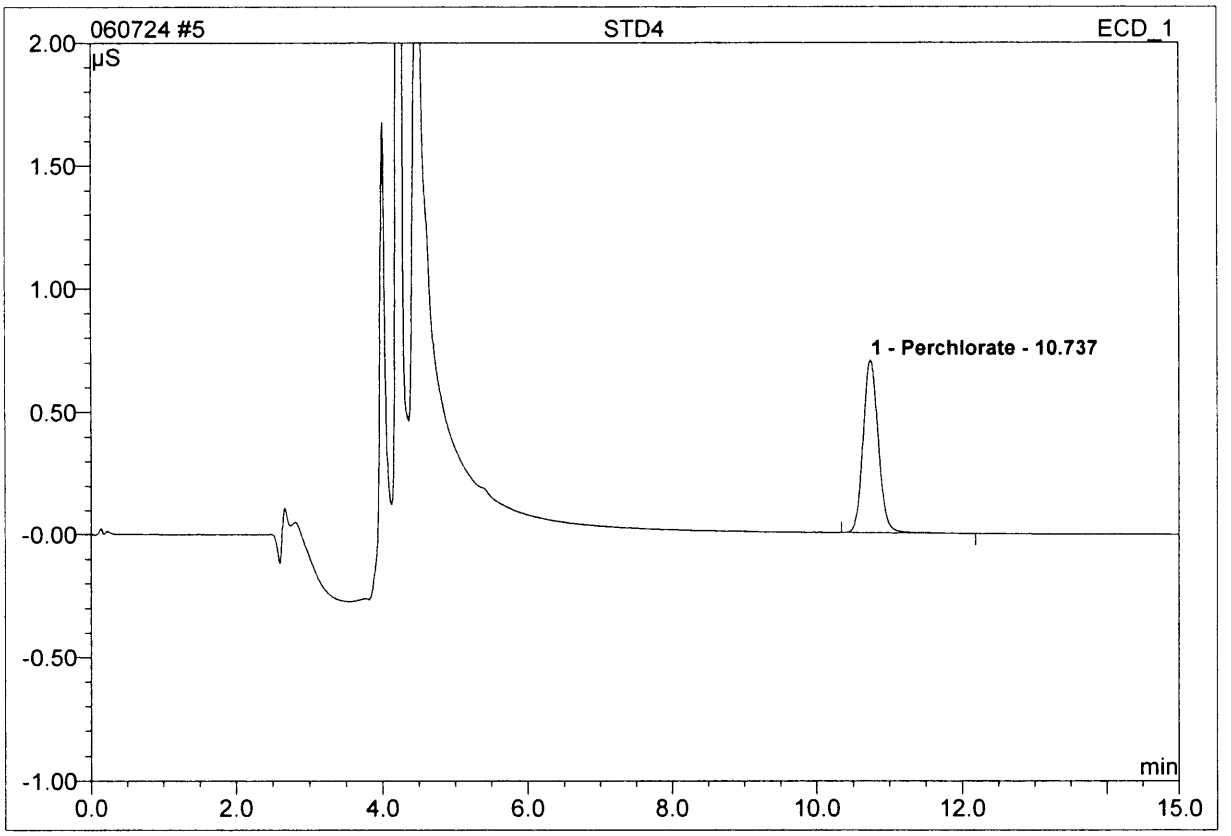
Sample Name:	**STD3**	*Injection Volume:*	**1250.0**
Vial Number:	**17**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 15:58**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	10.75	Perchlorate	0.135	0.034	100.00	10.108	BMB
Total:			0.135	0.034	100.00	10.108	

5 STD4

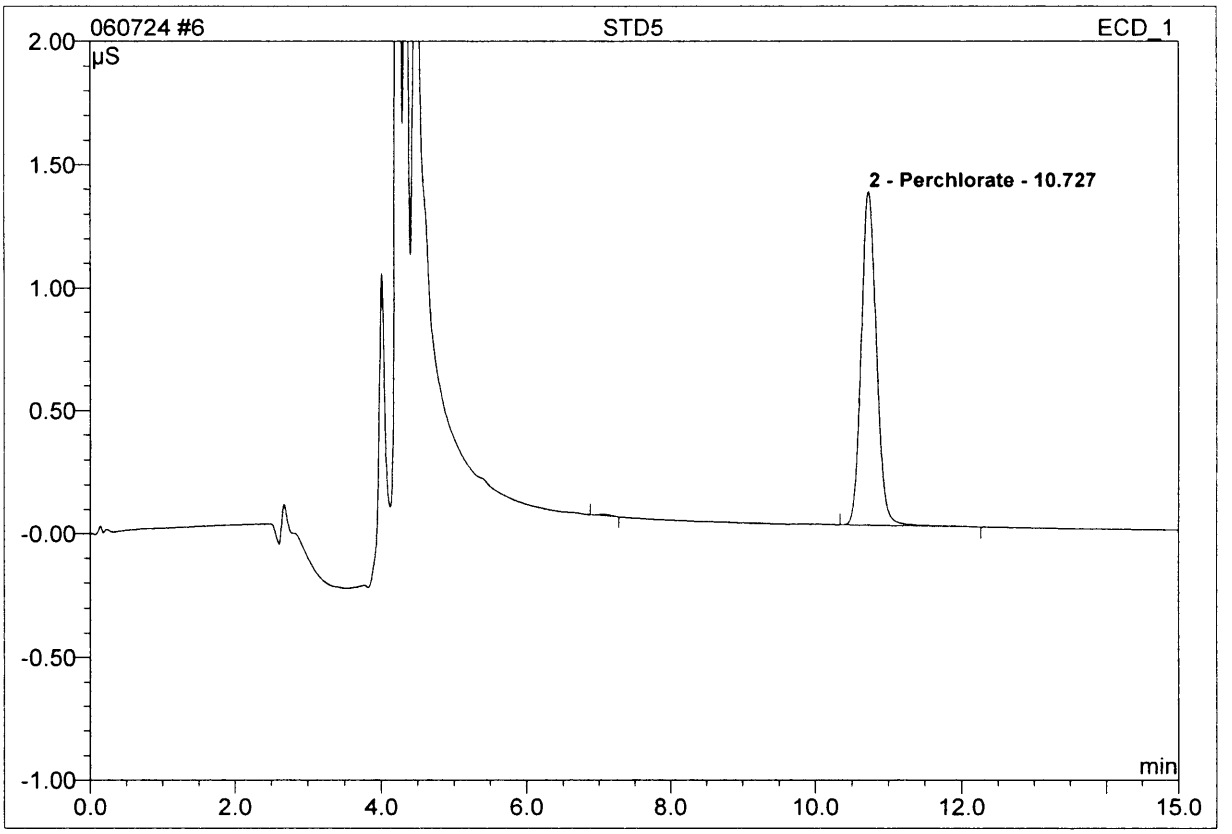
Sample Name:	**STD4**	*Injection Volume:*	**1250.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 17:09**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	10.74	Perchlorate	0.706	0.172	100.00	51.784	BMB
Total:			0.706	0.172	100.00	51.784	

6 STD5

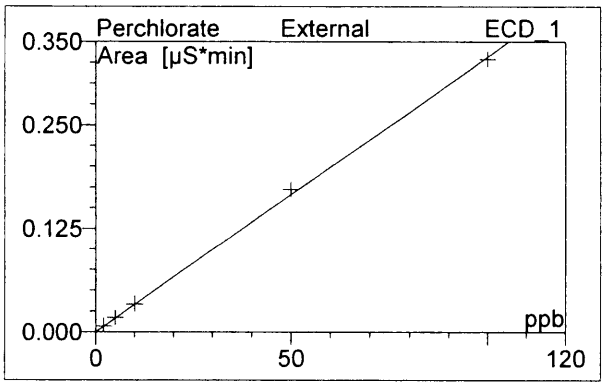
Sample Name:	**STD5**	*Injection Volume:*	**1250.0**
Vial Number:	**22**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 18:04**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

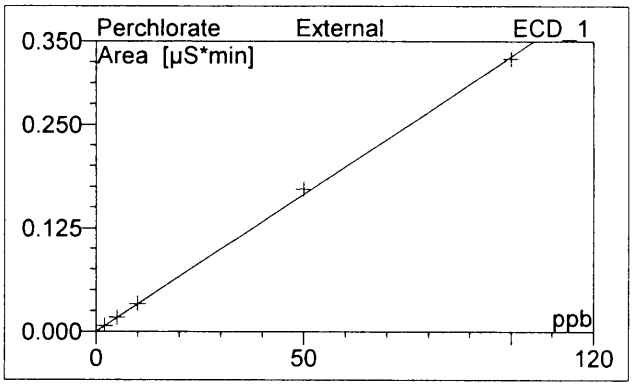


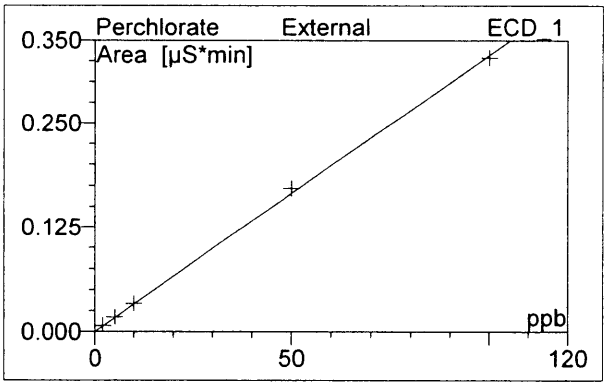
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
2	10.73	Perchlorate	1.355	0.329	99.61	99.088	BMB
Total:			1.355	0.329	99.61	99.088	

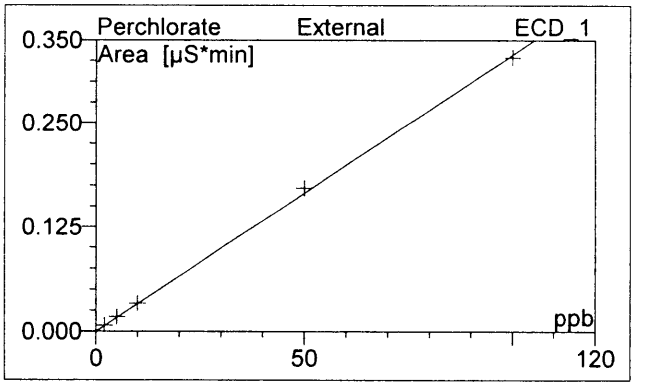
6 STD5

Sample Name:	**STD5**	*Injection Volume:*	**1250.0**
Vial Number:	**22**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 18:04**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**





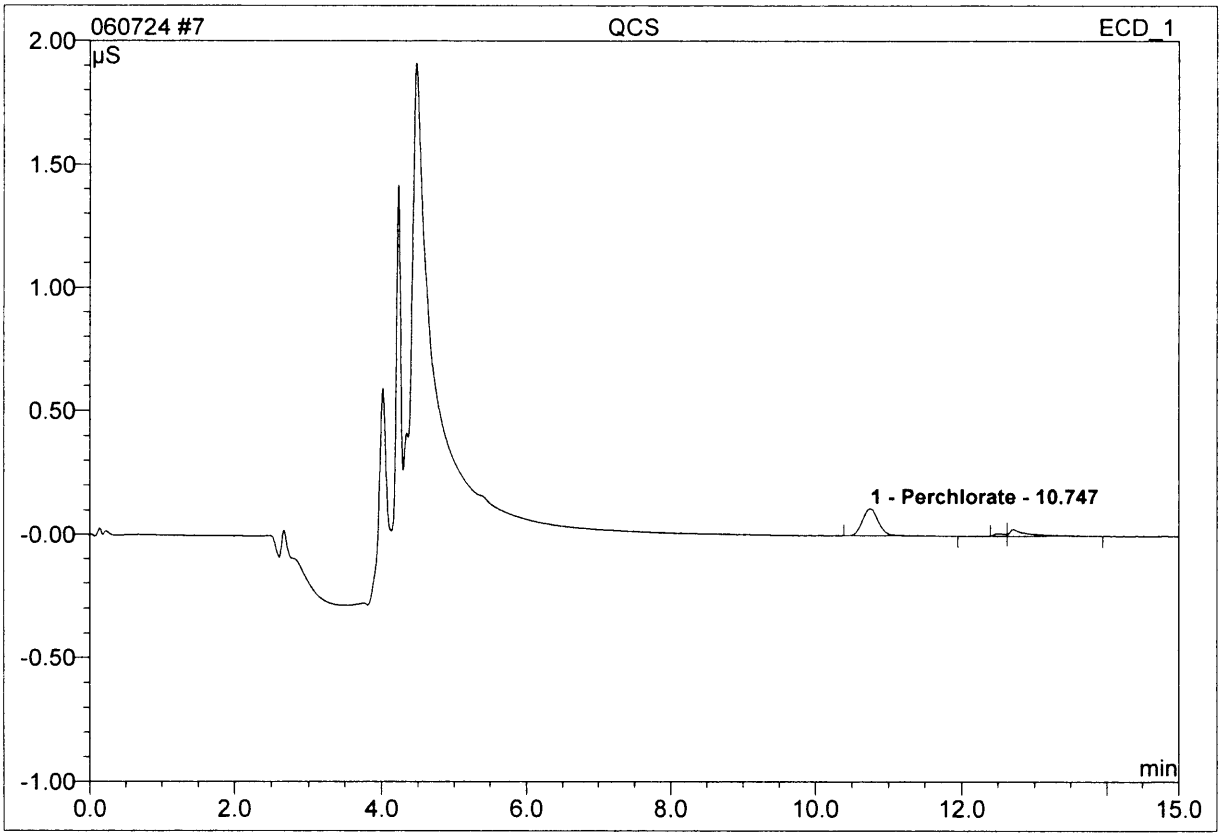




No.	Ret.Time min	Peak Name	Cal.Type	Points	Corr.Coeff. %	Offset	Slope	Curve
1	7.07	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	10.73	Perchlorate	Lin	5	99.9747	0.0000	0.0033	0.0000
Average:					99.9747	0.0000	0.0033	0.0000

7 QCS

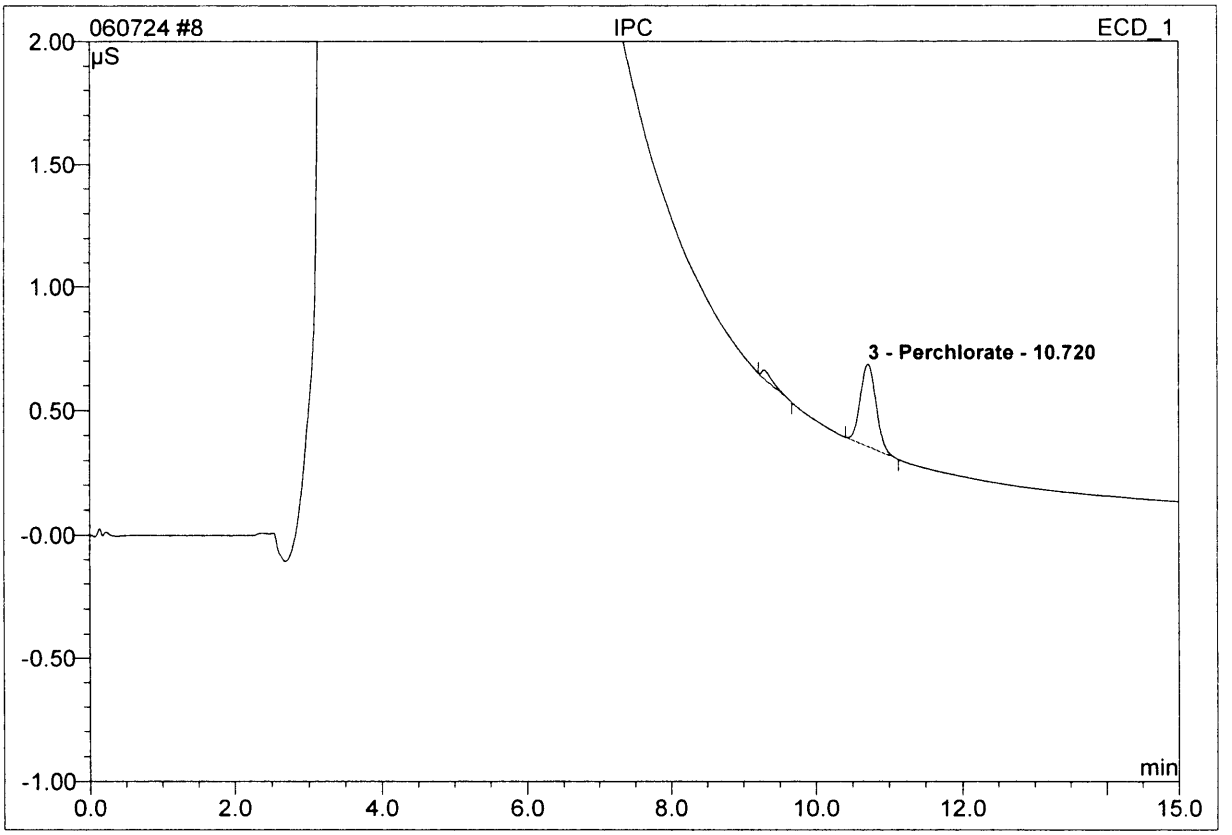
Sample Name:	**QCS**	*Injection Volume:*	**1250.0**
Vial Number:	**22**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 18:22**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	10.75	Perchlorate	0.111	0.029	74.37	8.639	BMB
Total:			0.111	0.029	74.37	8.639	

8 IPC

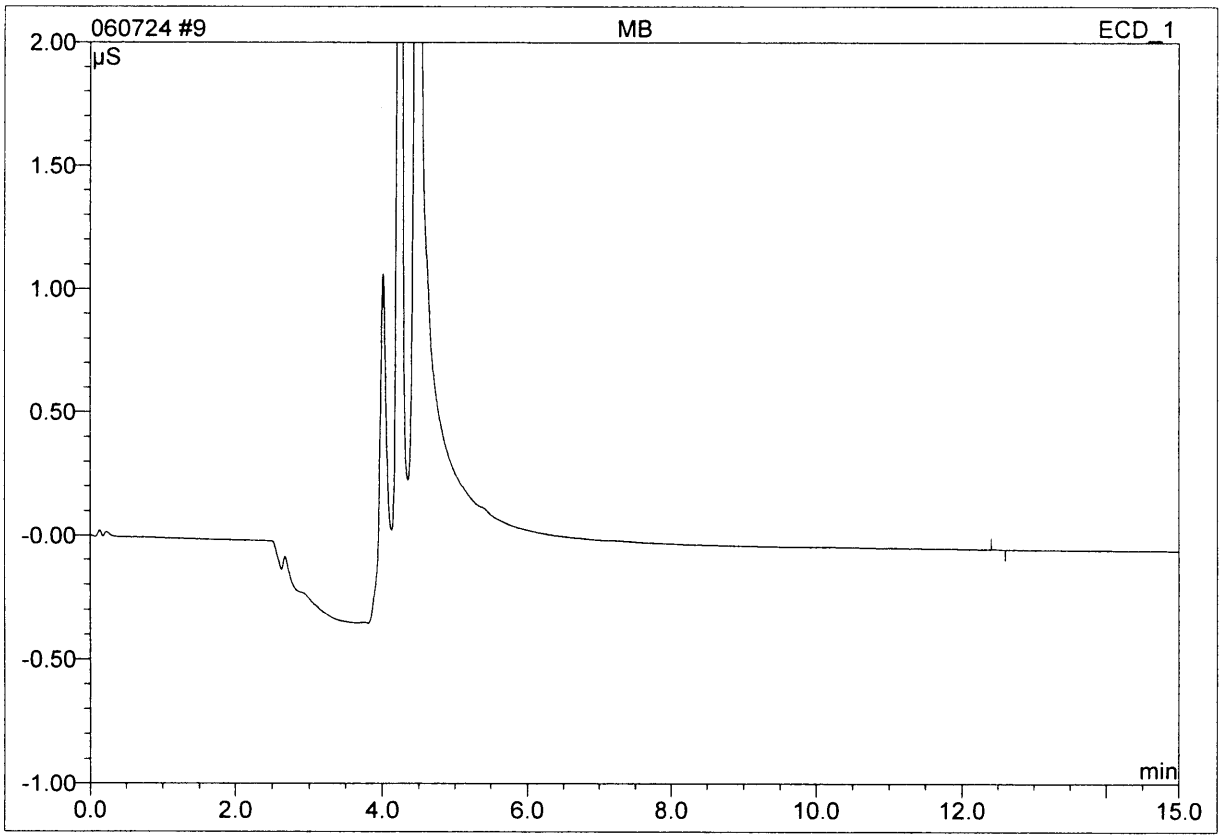
Sample Name:	**IPC**	*Injection Volume:*	**1250.0**
Vial Number:	**22**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 18:39**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
3	10.72	Perchlorate	0.334	0.083	0.01	25.126	BMB
Total:			0.334	0.083	0.01	25.126	

9 MB

Sample Name:	**MB**	*Injection Volume:*	**1250.0**
Vial Number:	**22**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 18:56**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

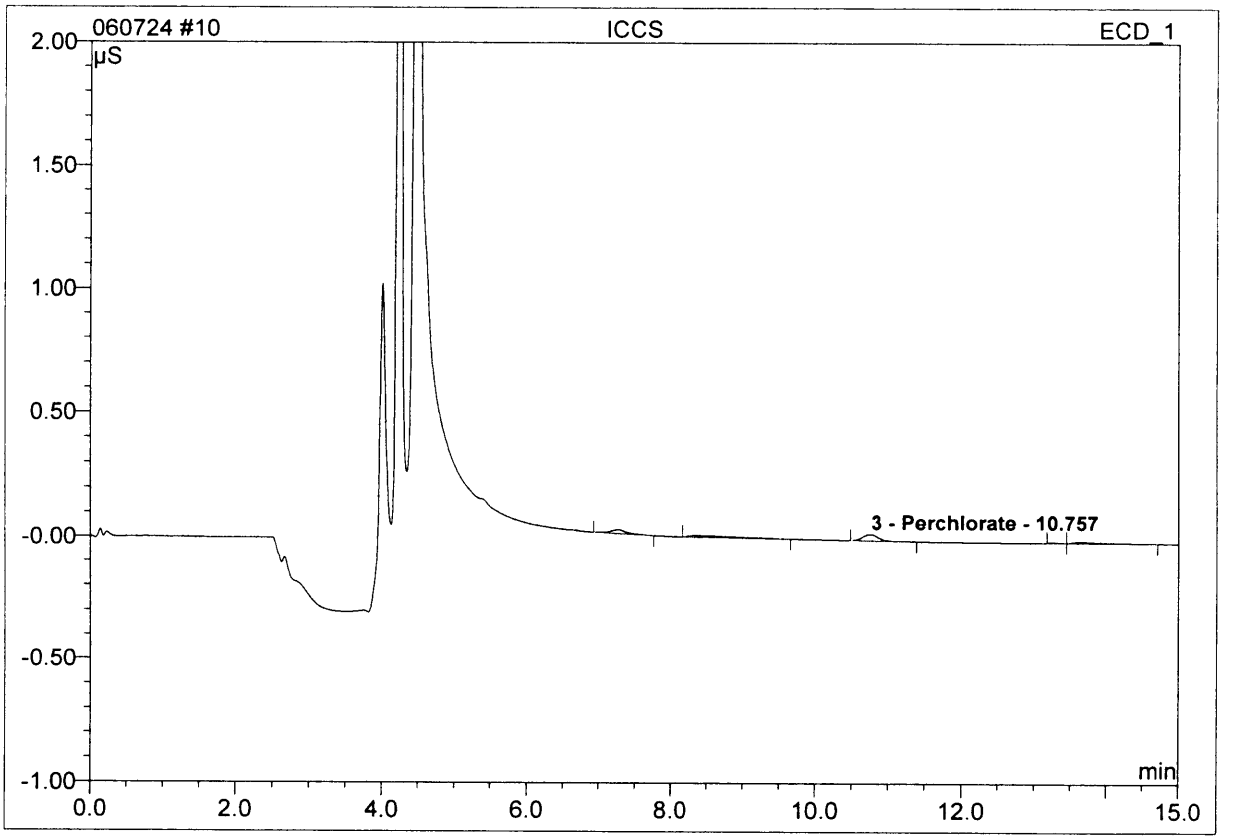


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
Total:			0.000	0.000	0.00	0.000	

Operator:eleo ng Timebase:ICS2000 Sequence:060724

10 ICCS

Sample Name:	**ICCS**	*Injection Volume:*	**1250.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 19:14**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
3	10.76	Perchlorate	0.027	0.007	33.56	2.036	BMB
Total:			0.027	0.007	33.56	2.036	

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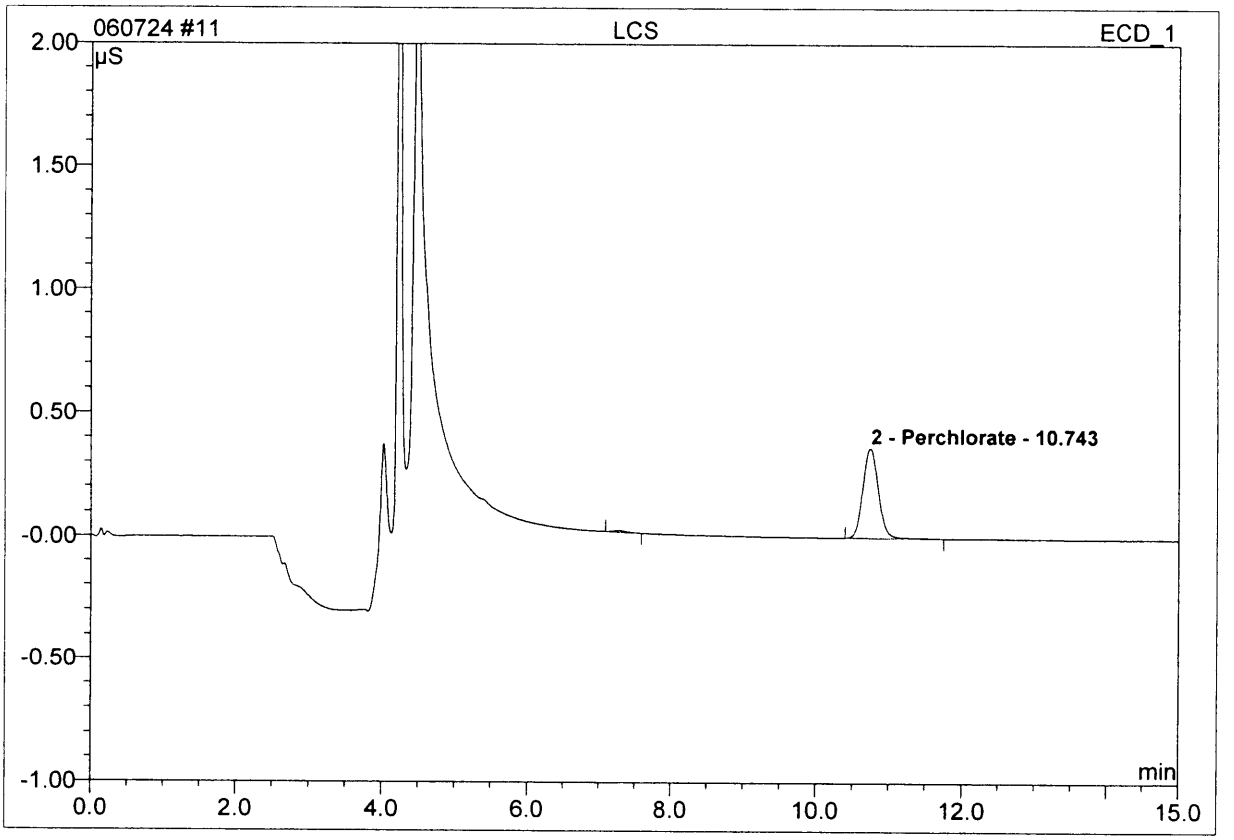
Version 6.60 Build 1428

Operator:eleo ng Timebase:ICS2000 Sequence:060724

11 LCS

Sample Name:	**LCS**	*Injection Volume:*	**1250.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 19:31**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

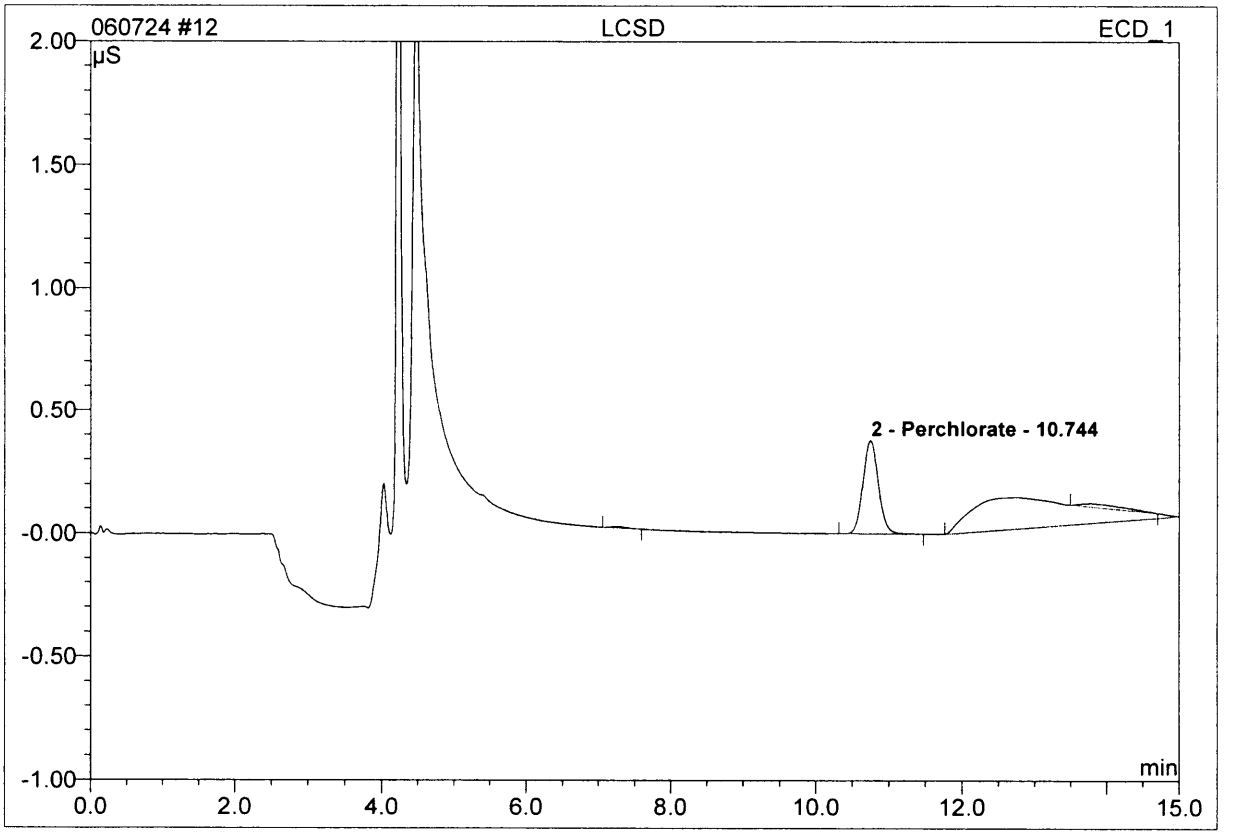


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
2	10.74	Perchlorate	0.363	0.090	98.36	27.000	BMB
Total:			0.363	0.090	98.36	27.000	

Chromeleon (c) Dionex 1996-2001
Version 6.60 Build 1428

12 LCSD

Sample Name:	**LCSD**	*Injection Volume:*	**1250.0**
Vial Number:	**25**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 19:49**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

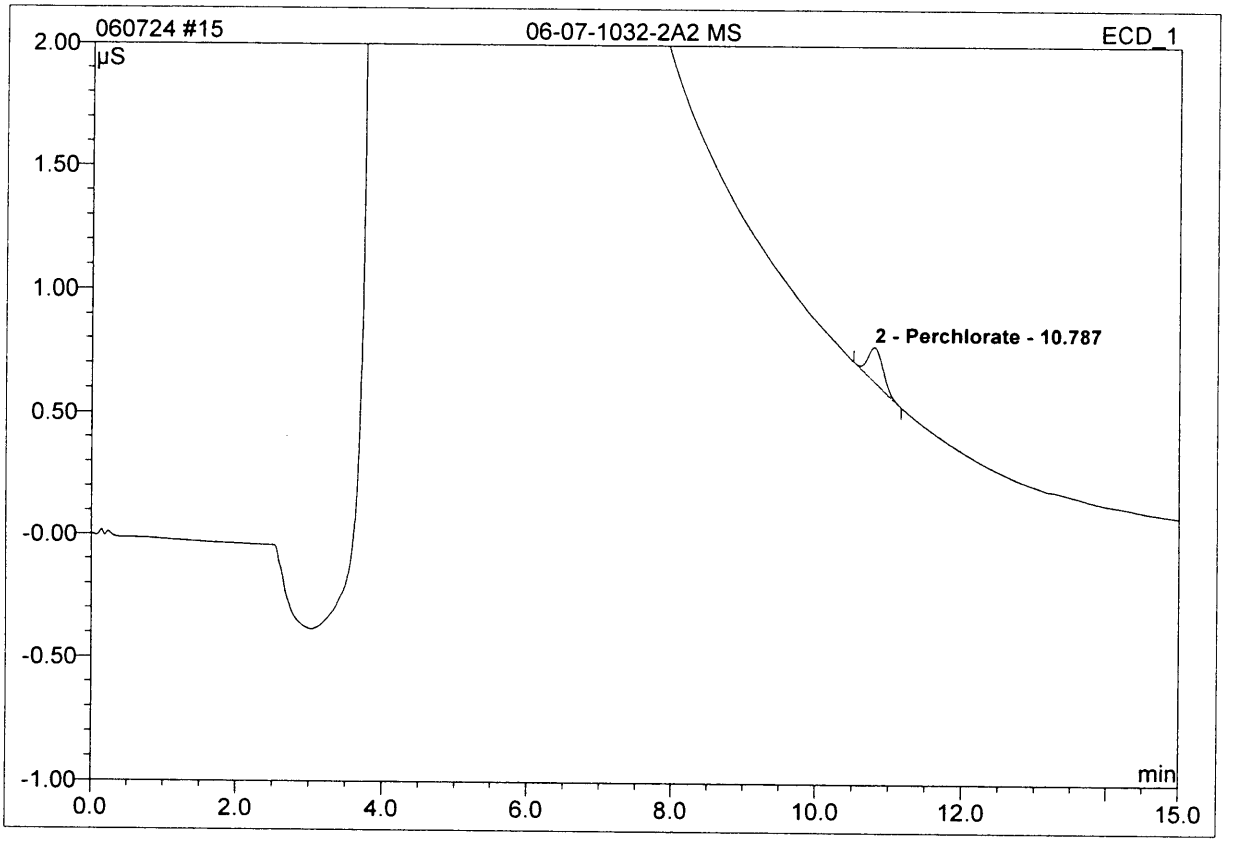


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
2	10.74	Perchlorate	0.378	0.093	27.63	27.942	BMB
Total:			0.378	0.093	27.63	27.942	

Operator:eleo ng Timebase:ICS2000 Sequence:060724

15 06-07-1032-2A2 MS

Sample Name:	**06-07-1032-2A2 MS**	*Injection Volume:*	**1250.0**
Vial Number:	**28**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 20:41**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

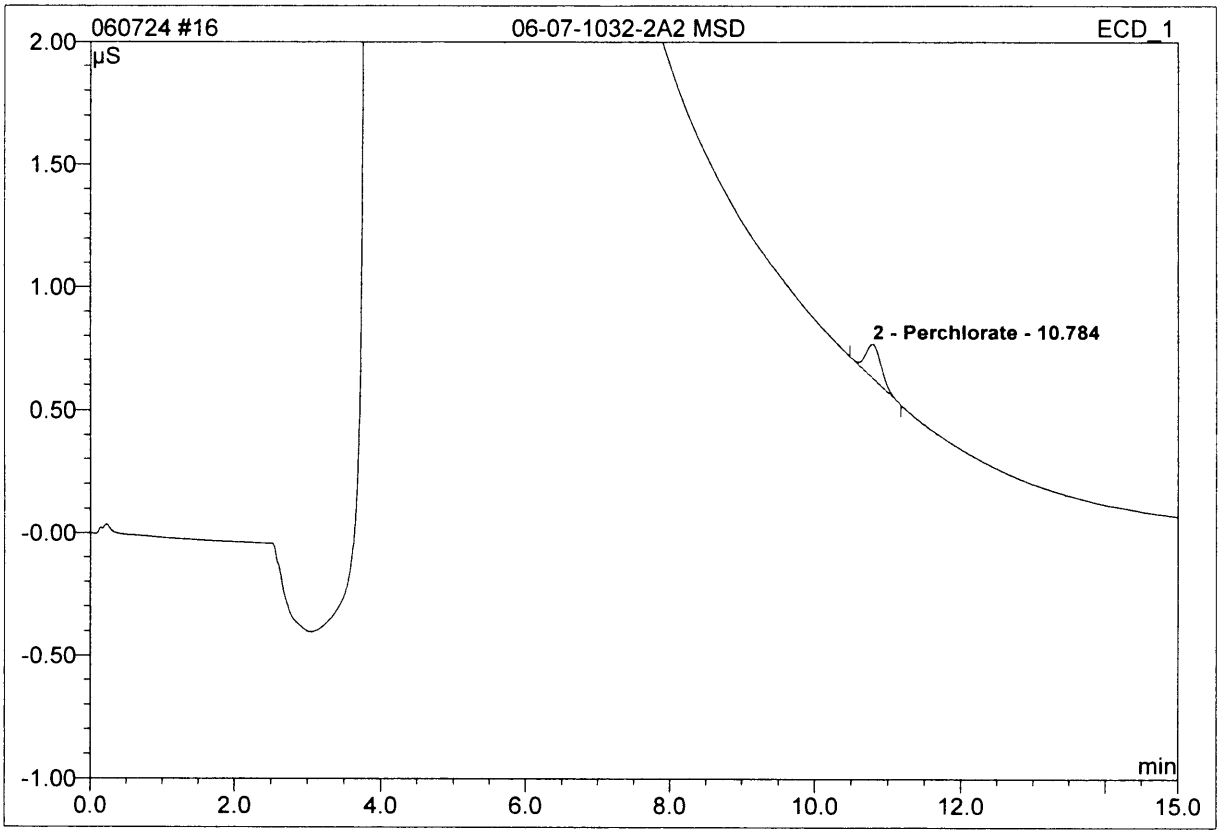


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
2	10.79	Perchlorate	0.137	0.034	0.01	10.117	BMB
Total:			0.137	0.034	0.01	10.117	

Chromeleon (c) Dionex 1996-2001
Version 6.60 Build 1428

16 06-07-1032-2A2 MSD

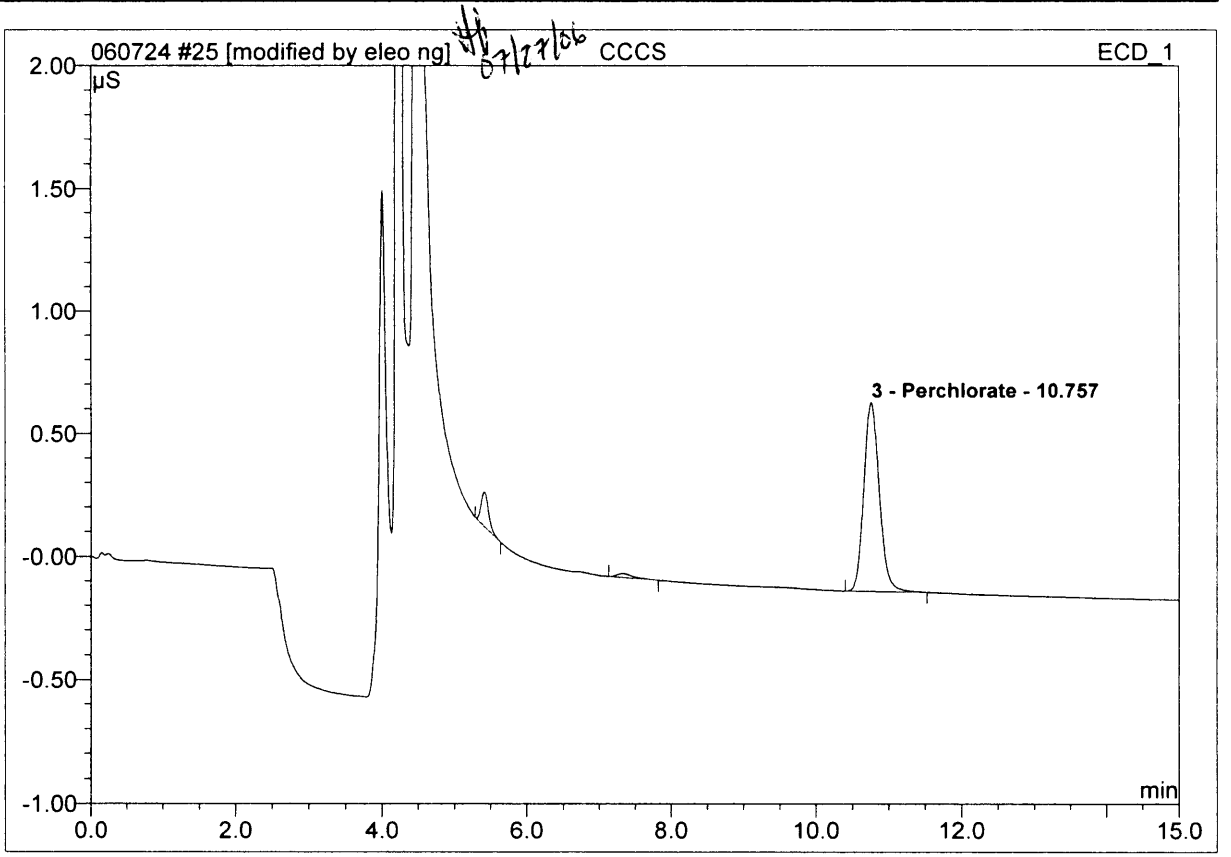
Sample Name:	**06-07-1032-2A2 MSD**	*Injection Volume:*	**1250.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 20:58**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
2	10.78	Perchlorate	0.137	0.034	0.01	10.153	BMB
Total:			0.137	0.034	0.01	10.153	

25 CCCS

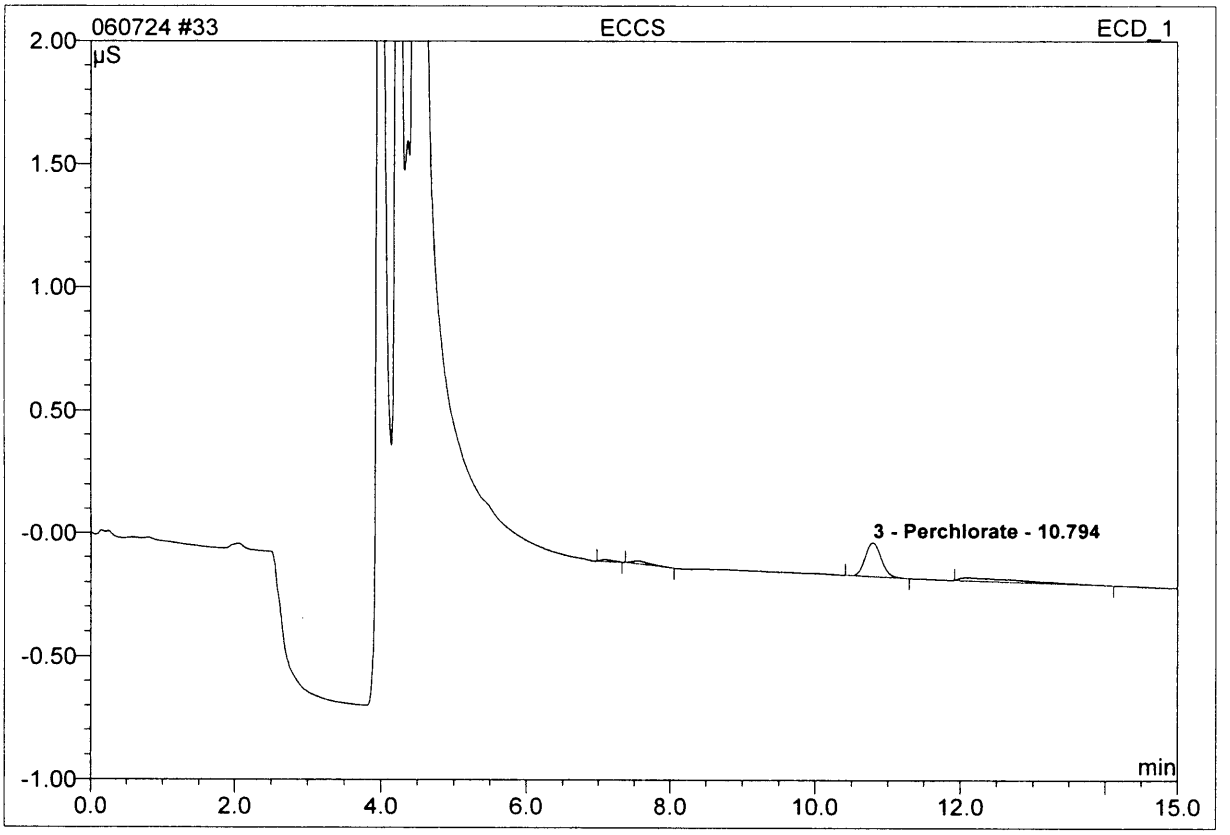
Sample Name:	**CCCS**	*Injection Volume:*	**1250.0**
Vial Number:	**38**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 23:35**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
3	10.76	Perchlorate	0.768	0.191	90.07	57.483	BMB*
Total:			0.768	0.191	90.07	57.483	

33 ECCS

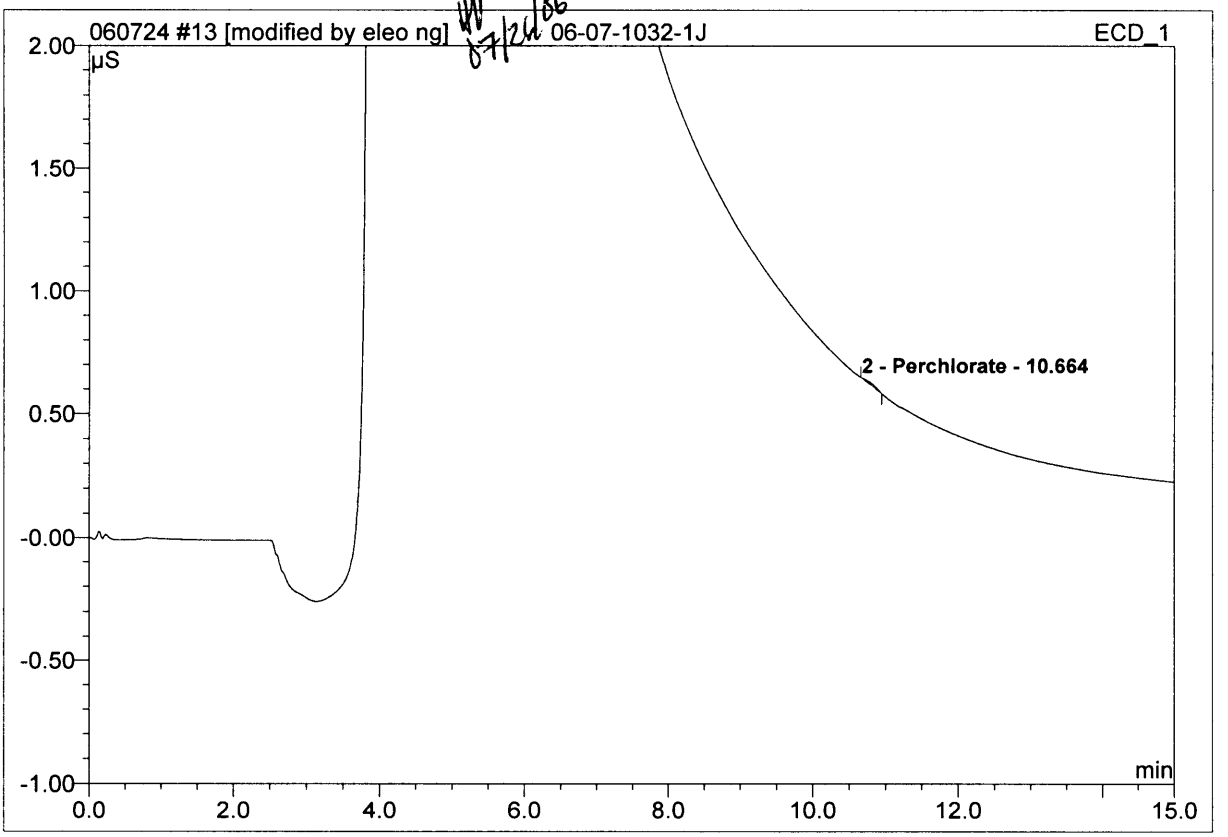
Sample Name:	**ECCS**	*Injection Volume:*	**1250.0**
Vial Number:	**46**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/25/2006 1:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
3	10.79	Perchlorate	0.137	0.035	63.57	10.391	BMB
Total:			0.137	0.035	63.57	10.391	

13 06-07-1032-1J

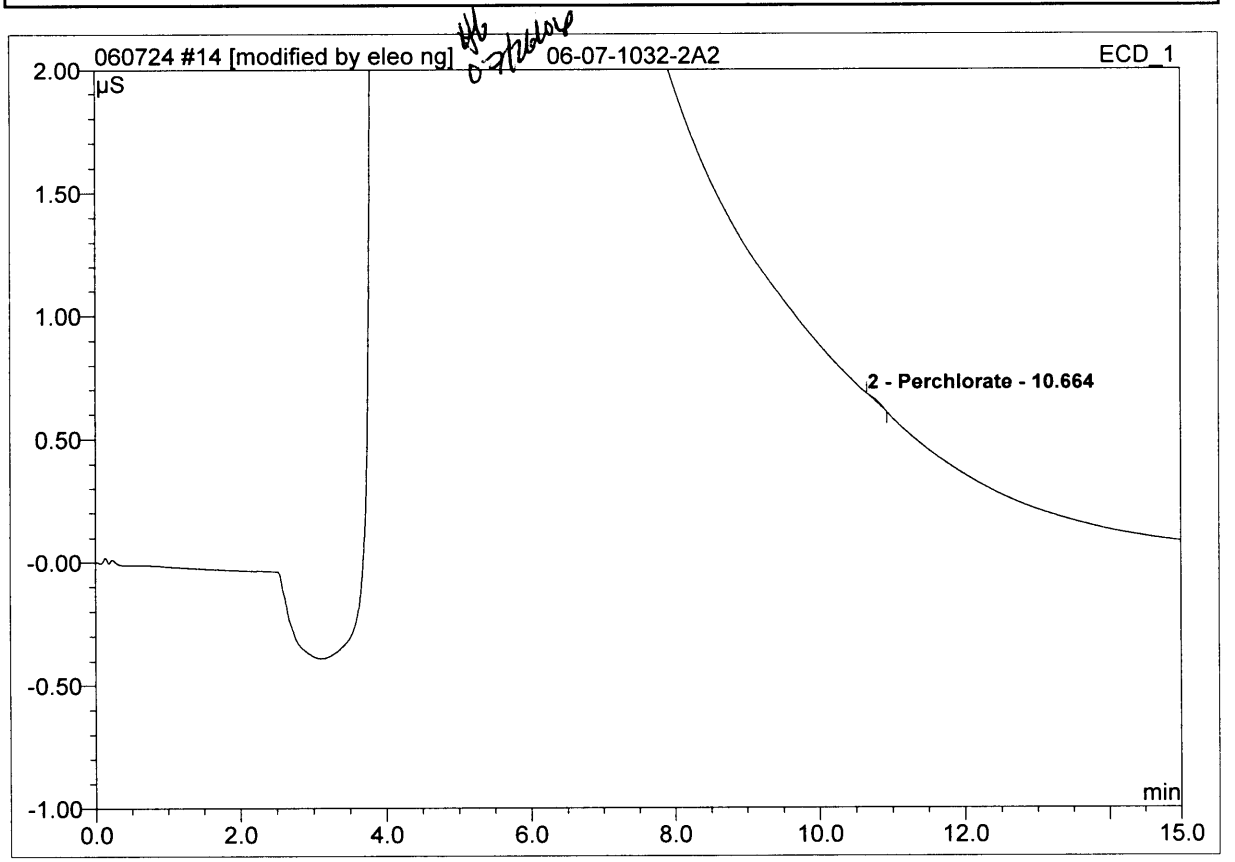
Sample Name:	**06-07-1032-1J**	*Injection Volume:*	**1250.0**
Vial Number:	**26**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 20:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
2	10.66	Perchlorate	0.000	0.001	0.00	0.415	BMB*
Total:			0.000	0.001	0.00	0.415	

14 06-07-1032-2A2

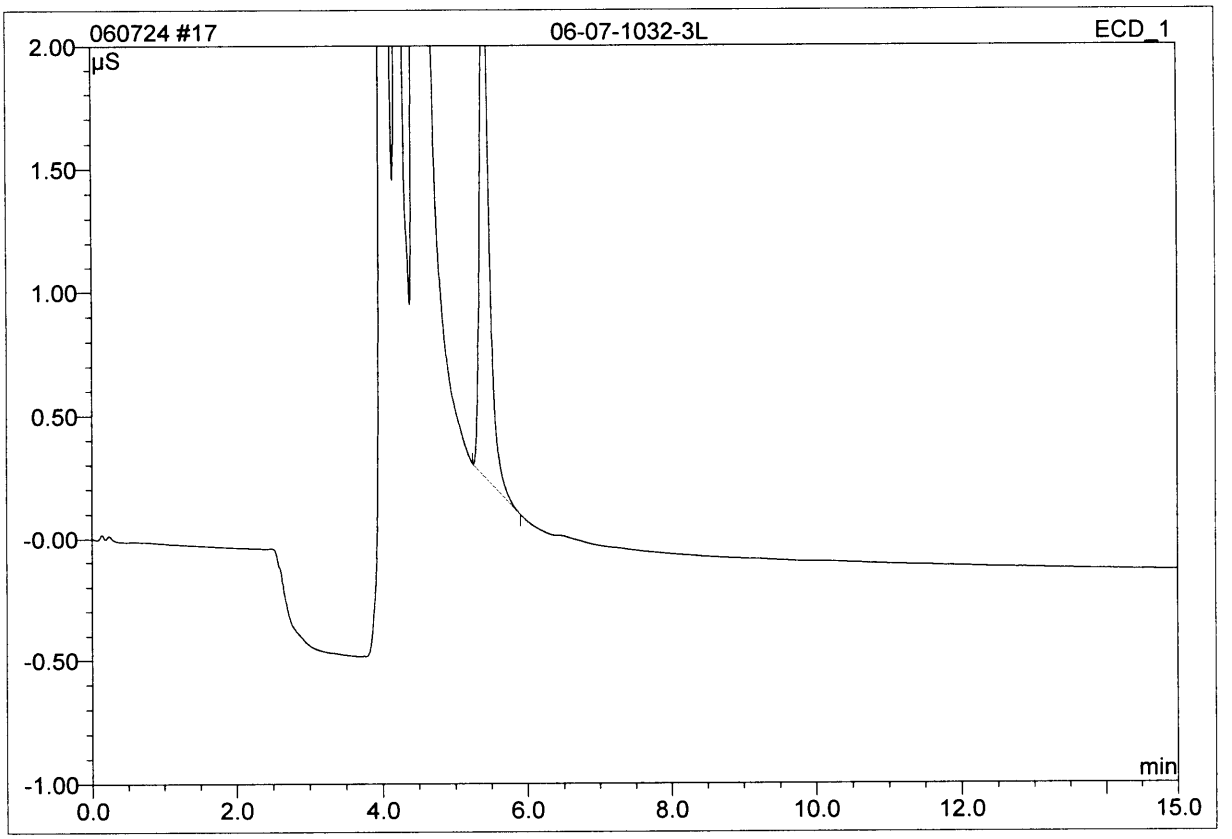
Sample Name:	**06-07-1032-2A2**	*Injection Volume:*	**1250.0**
Vial Number:	**27**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 20:23**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
2	10.66	Perchlorate	0.000	0.001	0.00	0.362	BMB*
Total:			0.000	0.001	0.00	0.362	

17 06-07-1032-3L

Sample Name:	**06-07-1032-3L**	*Injection Volume:*	**1250.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 21:16**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
Total:			0.000	0.000	0.00	0.000	

Operator:eleo ng Timebase:ICS2000 Sequence:060724

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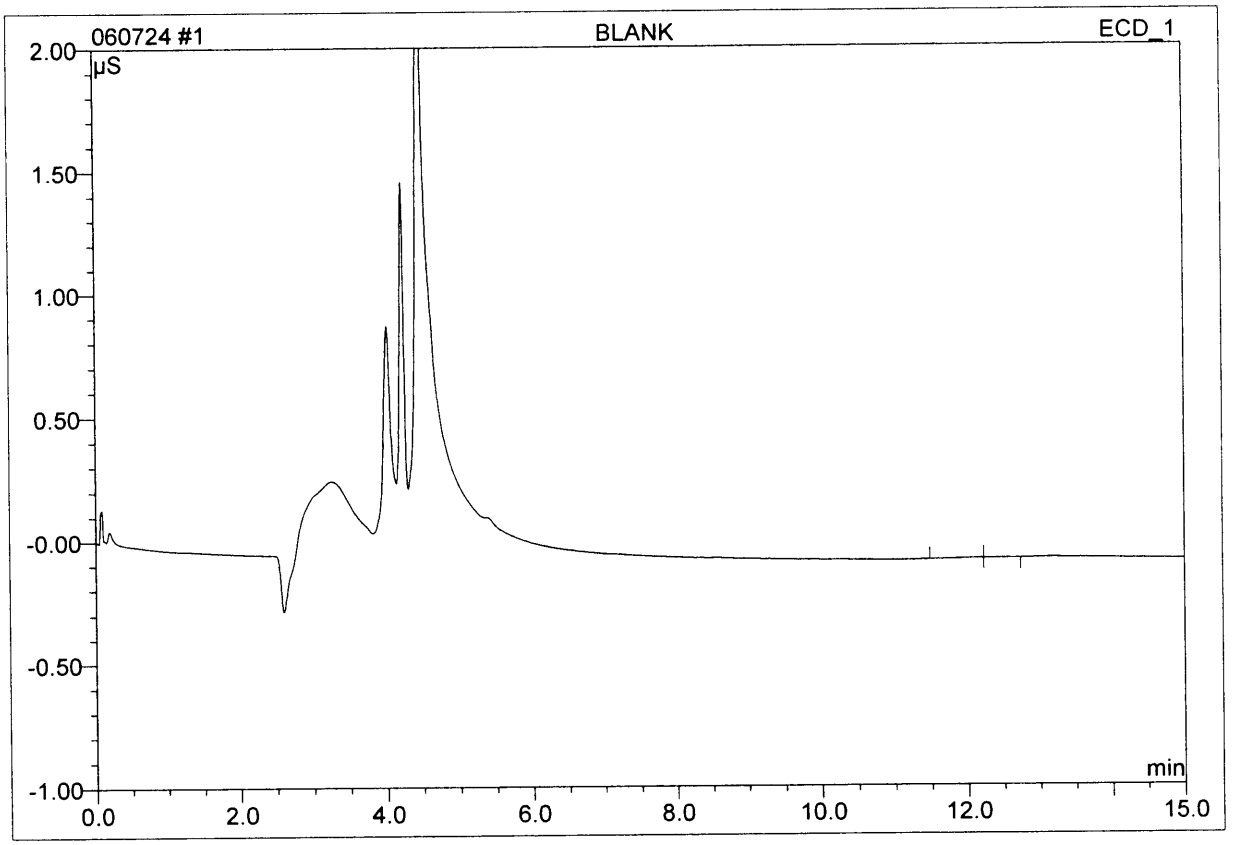
7/26/2006 2:35 PM

1 BLANK

Sample Name:	**BLANK**	*Injection Volume:*	**1250.0**
Vial Number:	**14**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 15:05**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
Total:			0.000	0.000	0.00	0.000	

Calscience
Environmental
Laboratories, Inc.

Hexavalent Chromium by EPA 7199

Camp Dresser & McKee

CEL W.O. 06-07-1032

Hewitt Landfill Groundwater

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Sequence: 060721
Operator: eleo ng

Printed: 7/25/2006 1:05:57 PM

Title:
Datasource: DEFAULT_local
Location: IC_5\sequence
Timebase: IC5
#Samples: 44

Created: 7/21/2006 11:32:14 AM by eleo ng
Last Update: 7/25/2006 12:46:55 PM by eleo ng

No.	Name	Type	Inj. Vol.	Program	Method	Status	Inj. Date/Time
1	METHOD BLANK	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 12:13:19 PM
2	CCB	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 12:24:50 PM
3	STD 0.2 PPB	Standard	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/11/2006 11:21:15 AM
4	STD 1 PPB	Standard	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/11/2006 11:32:45 AM
5	STD 5 PPB	Standard	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/11/2006 11:44:16 AM
6	STD 10 PPB	Standard	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/11/2006 11:55:46 AM
7	STD 50 PPB	Standard	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/11/2006 12:07:16 PM
8	STD 75 PPB	Standard	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/11/2006 12:18:46 PM
9	ICV	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/11/2006 12:30:16 PM
10	CCV	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 12:36:20 PM
11	LCS	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 12:47:50 PM
12	LCSD	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 3:52:22 PM
13	06-07-1032-1J	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 12:59:20 PM
14	06-07-1032-2A	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 1:10:50 PM
15	06-07-1032-2A MS	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 1:22:20 PM
16	06-07-1032-2A MSD	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 1:33:50 PM
17	06-07-1032-3G	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 1:45:20 PM
18	CCB	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 1:56:50 PM
19	CCV	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 2:08:20 PM
20	METHOD BLANK	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 2:19:50 PM
21	CCB	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 2:31:20 PM
22	CCV	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 2:42:51 PM
23	LCS	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 4:03:52 PM
24	LCSD	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 4:15:22 PM
25	06-07-1038-2A	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 2:54:21 PM
26	06-07-1038-2A MS	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 3:05:51 PM
27	06-07-1038-2A MSD	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 3:17:21 PM
28	CCB	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 3:28:51 PM
29	CCV	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 3:40:22 PM
30	06-07-1072-1C	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 5:56:33 PM
31	06-07-1072-2C	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 6:08:04 PM
32	CCB	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 6:19:35 PM
33	CCV	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 6:31:05 PM
34	06-07-1090-1A	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 6:50:11 PM
35	06-07-1090-1A MS	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 7:01:42 PM
36	06-07-1090-1A MSD	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 7:13:12 PM
37	06-07-1090-2A	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 7:24:42 PM
38	06-07-1090-3A	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 7:36:13 PM
39	06-07-1090-4A	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 7:47:43 PM
40	06-07-1090-5A	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 7:59:13 PM
41	06-07-1090-6A	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 8:10:43 PM
42	CCB	Unknown	1000.0	IC5 PROGRAM	IC 5 METHOD	Finished	7/21/2006 8:22:14 PM

INSTRUMENT LOGBOOK

Calscience Environmental Laboratories, Inc.

Date Loaded	Pos	Directory	Data File	CEL ID #	Mtx	Amount Loaded	pH <2	Lot # IS/SS	Lot # Cal. Std.	By	Comments
07/20/06	23	060720	060720#23	06-07-1016-6D	W	1000 ml	N/A	N/A	N/A	PN	
	24		24	CCB							
	25		25	CCV					6031406I		
07/21/06	1	060721	060721#1	MB					N/A		
	2		2	CCB							
	3		3	STD 0.2 PPB					6031406I		
	4		4	1							
	5		5	5							
	6		6	10							
	7		7	50							
	8		8	75							
	9		9	ICV					6031406J		
	10		10	CCV					6031406I		
	11		11	CCS					6031406J		
	12		12	CCSD							
	13		13	06-07-1032-1J					N/A		
	14		14	-2A-2							
	15		15	MS -2A-2					6031406J		
	16		16	MSD -2A-2							
	17		17	-3G					N/A		
	18		18	CCB							

Reviewed by [signature] Date 07/25/06

ChromLog, 07/17/98 Revision

INSTRUMENT LOGBOOK

Calscience Environmental Laboratories, Inc.

Date Loaded	Pos	Directory	Data File	CEL ID #	Mtx	Amount Loaded	pH <2	Lot # IS/SS	Lot # Cal. Std.	By	Comments
07/21/06	19	060721	060721#19	CCV	W	1000 ul	N/A	N/A	G031406I	PN	
	20		20	MB					N/A		
	21		21	CCB					↓		
	22		22	CCV					G031406I		
	23		23	LCS					G031406S		
	24		24	LCSD					↓		
	25		25	06-07-1038-2A					N/A		
	26		26	MS -2A					G031406S		
	27		27	MSD -2A					↓		
	28		28	CCB					N/A		
	29		29	CCV					G031406I		
	30		30	06-07-1072-1C					N/A		
	31		31	↓ -2C							
	32		32	CCB							
	33		33	CCV					G031406I		
	34		34	06-07-1090-1A					N/A		
	35		35	MS -1A					G031406S		
	36		36	MSD -1A					↓		
	37		37	-2A					N/A		
	38		38	-3A							
	39		39	-4A							

Reviewed by [illegible] Date 07/21/06

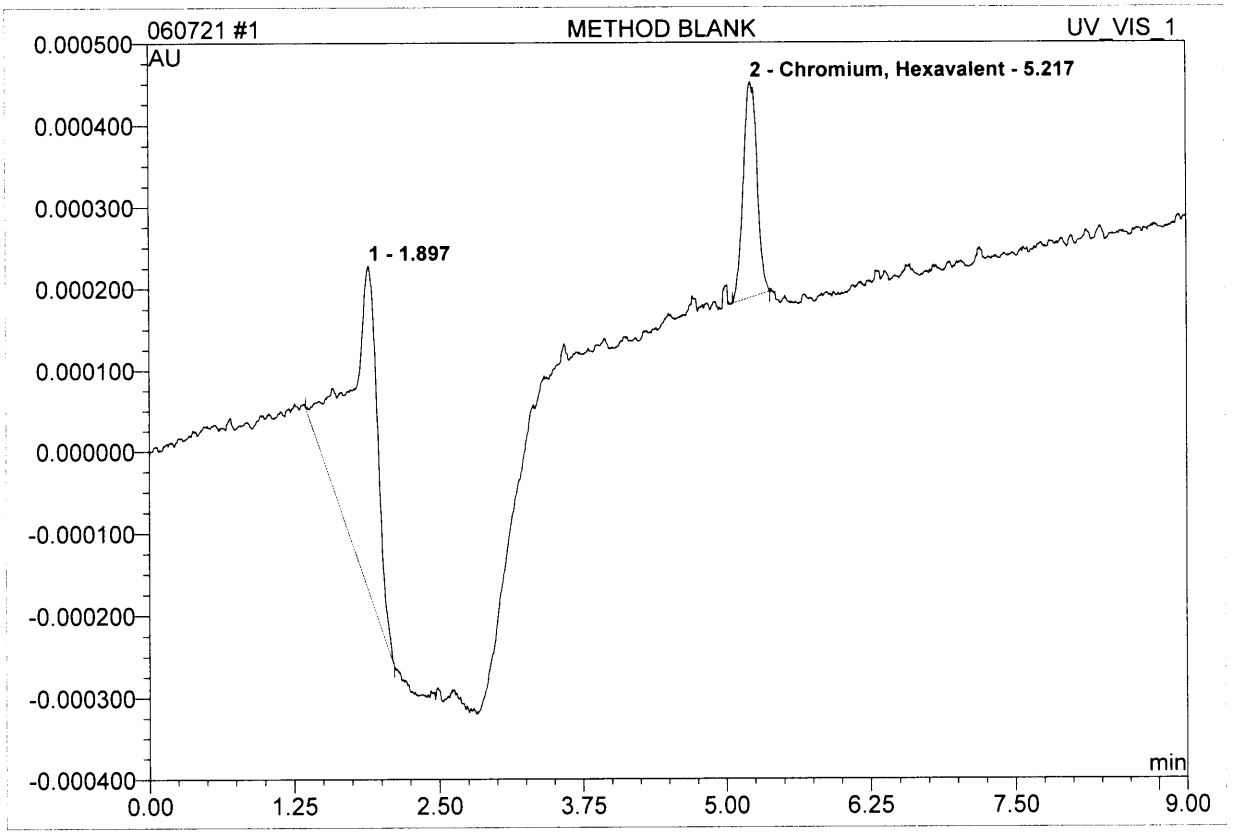
ChromLog, 07/17/98 Revision

Operator:eleo ng Timebase:IC5 Sequence:060721

7/25/2006 1:06 PM

1 METHOD BLANK

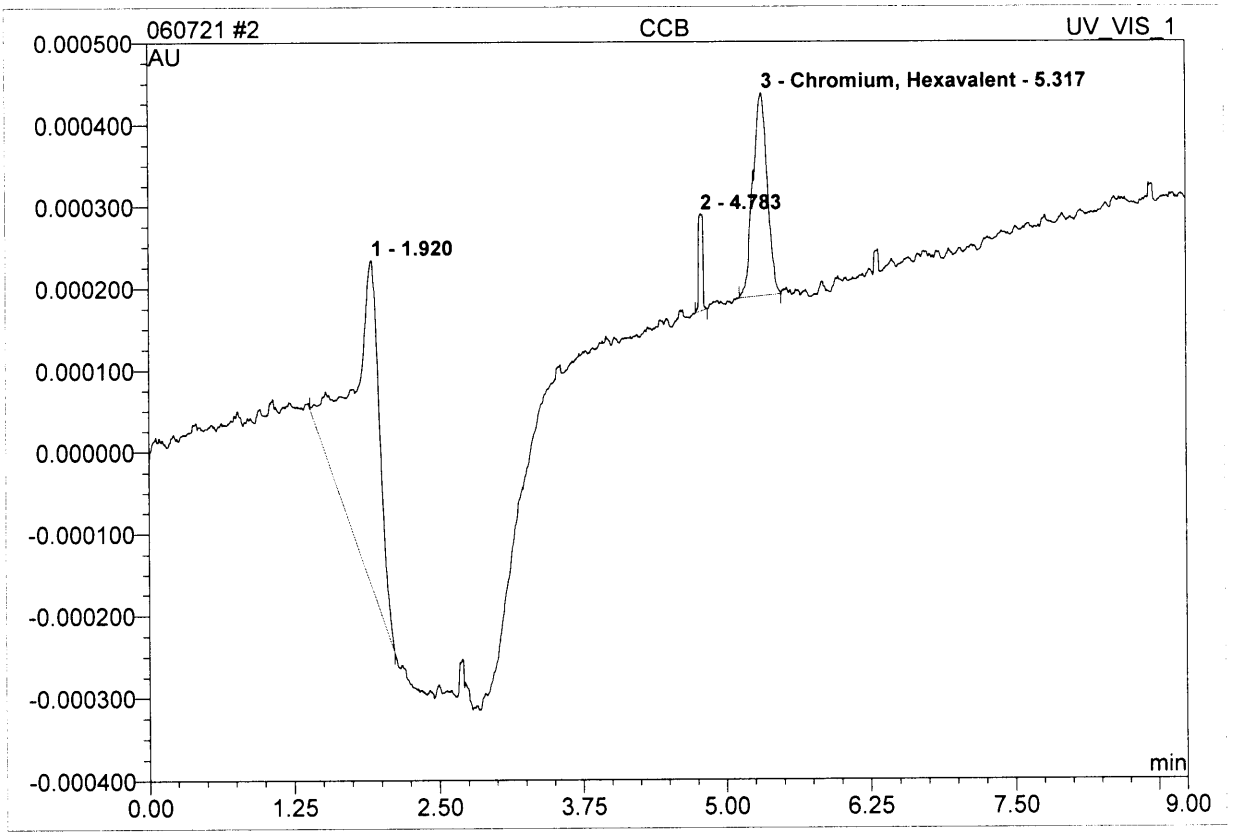
Sample Name:	**METHOD BLANK**	*Injection Volume:*	**1000.0**
Vial Number:	**6**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/21/2006 12:13**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.90	n.a.	4.00E-04	1.13E-04	75.61	n.a.	BMB
2	5.22	Chromium, Hexavalent	2.63E-04	3.65E-05	24.39	0.065	BMB
Total:			6.63E-04	1.50E-04	100.00	0.065	

2 CCB

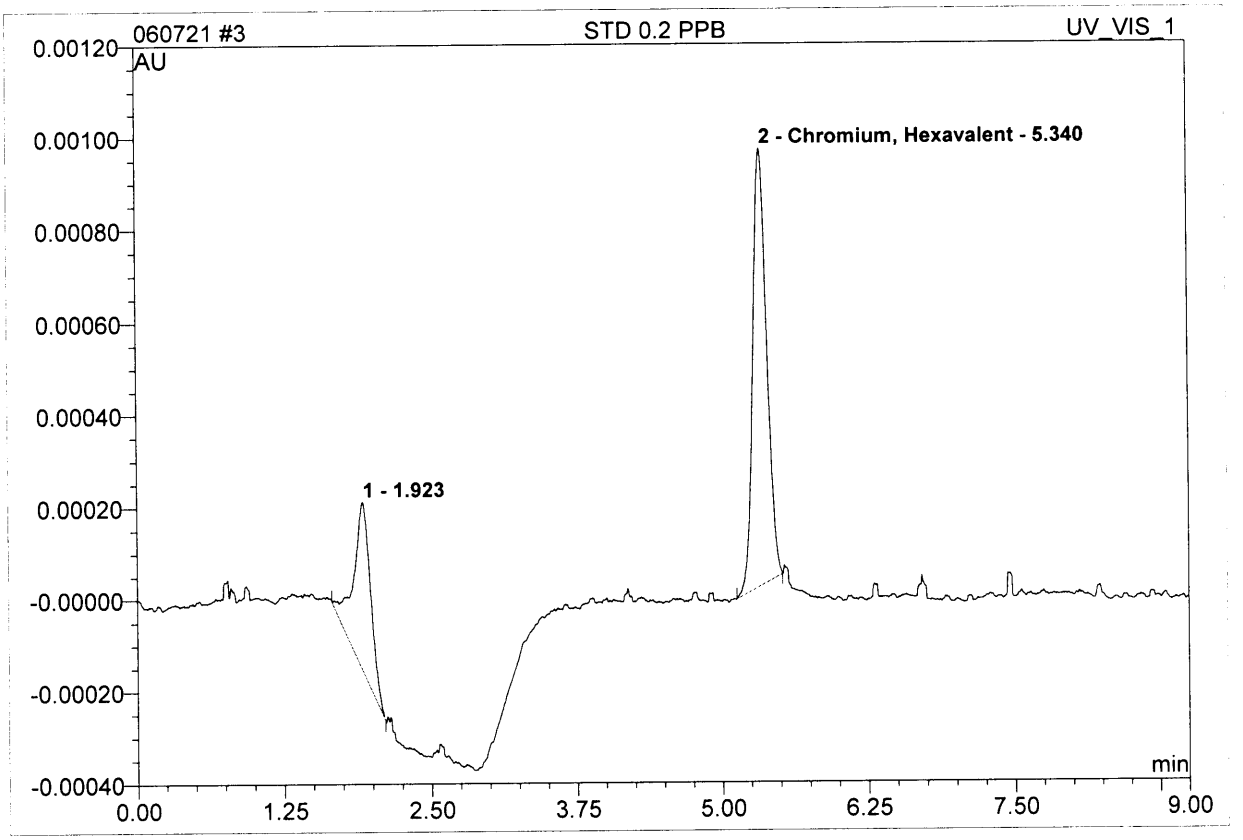
Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**6**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/21/2006 12:24**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.92	n.a.	3.97E-04	1.08E-04	72.46	n.a.	BMB
2	4.78	n.a.	1.19E-04	5.06E-06	3.40	n.a.	BMB
3	5.32	Chromium, Hexavalent	2.48E-04	3.59E-05	24.14	0.064	BMB
Total:			7.64E-04	1.49E-04	100.00	0.064	

3 STD 0.2 PPB

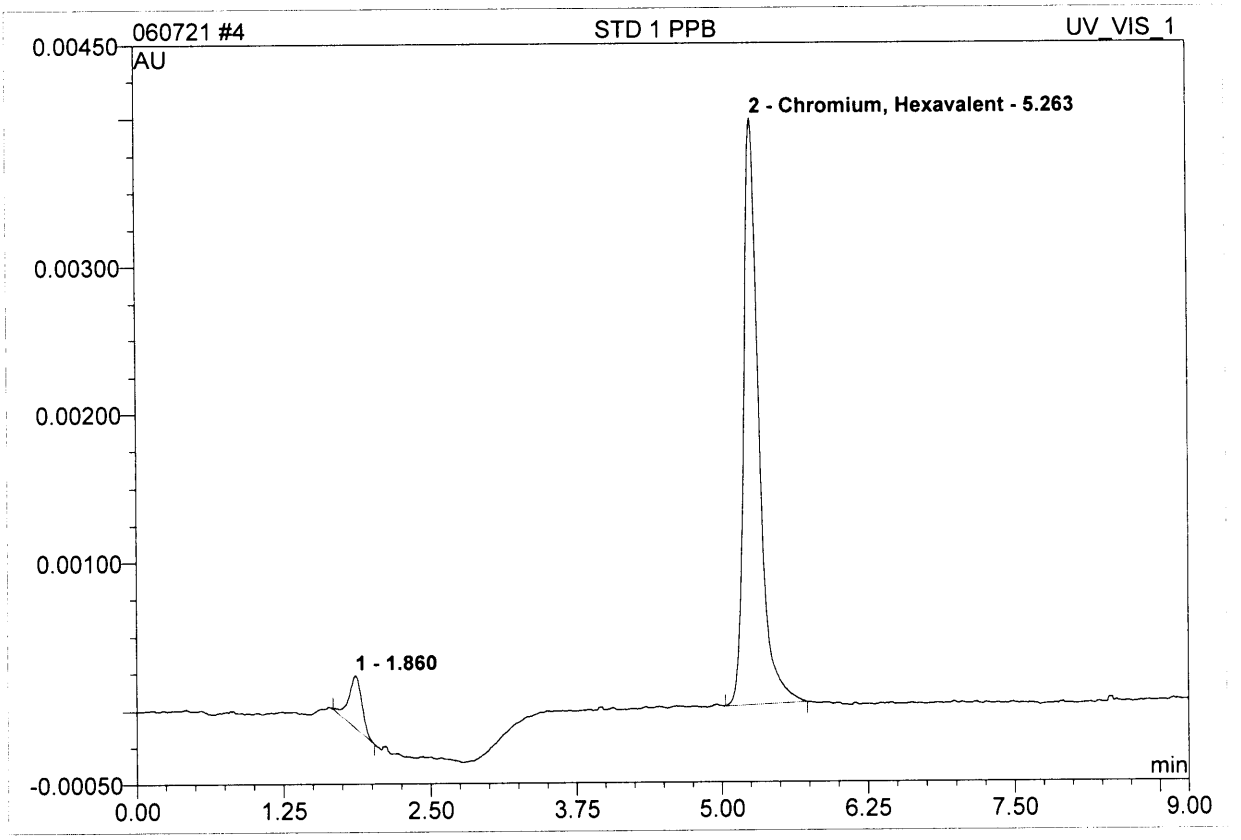
Sample Name:	**STD 0.2 PPB**	*Injection Volume:*	**1000.0**
Vial Number:	**4**	*Channel:*	**UV_VIS_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2006 11:21**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.92	n.a.	3.68E-04	6.04E-05	31.55	n.a.	BMB
2	5.34	Chromium, Hexavalent	9.47E-04	1.31E-04	68.45	0.233	BMB
Total:			1.31E-03	1.91E-04	100.00	0.233	

4 STD 1 PPB

Sample Name:	**STD 1 PPB**	*Injection Volume:*	**1000.0**
Vial Number:	**13**	*Channel:*	**UV_VIS_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2006 11:32**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**

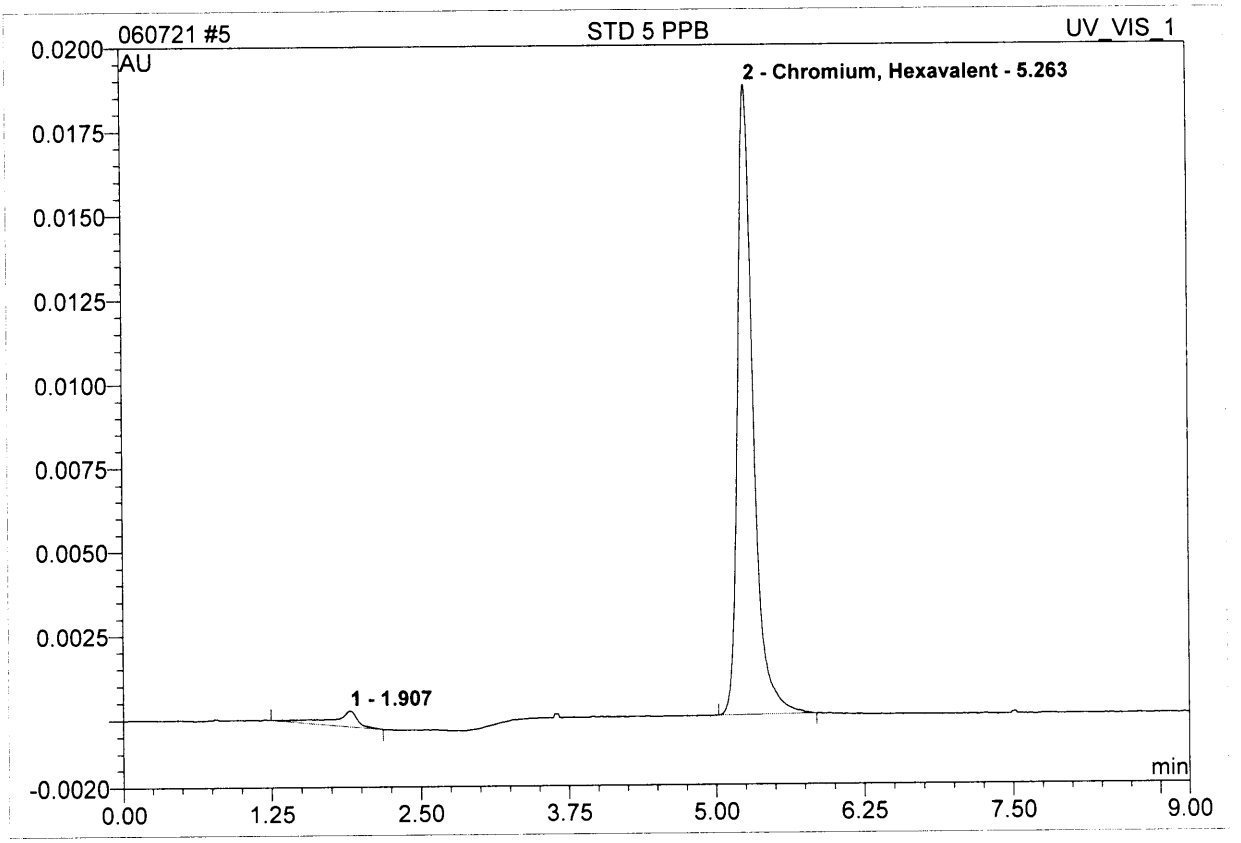


No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.86	n.a.	3.53E-04	4.66E-05	7.32	n.a.	BMB
2	5.26	Chromium, Hexavalent	3.96E-03	5.90E-04	92.68	1.049	BMB
Total:			4.31E-03	6.37E-04	100.00	1.049	

Operator:eleo ng Timebase:IC5 Sequence:060721

5 STD 5 PPB

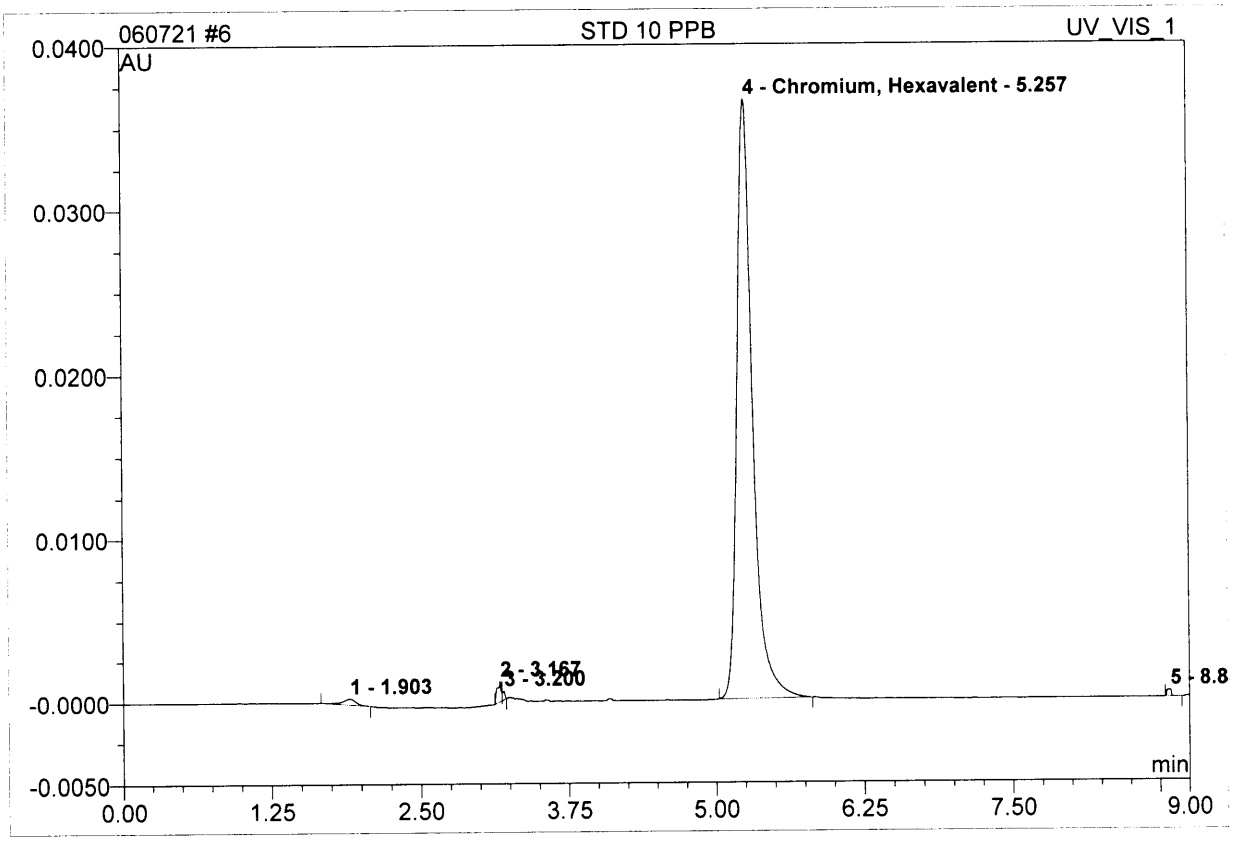
Sample Name:	**STD 5 PPB**	*Injection Volume:*	**1000.0**
Vial Number:	**13**	*Channel:*	**UV_VIS_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2006 11:44**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.91	n.a.	4.59E-04	1.18E-04	3.99	n.a.	BMB
2	5.26	Chromium, Hexavalent	1.87E-02	2.85E-03	96.01	5.060	BMB
Total:			1.92E-02	2.96E-03	100.00	5.060	

6 STD 10 PPB

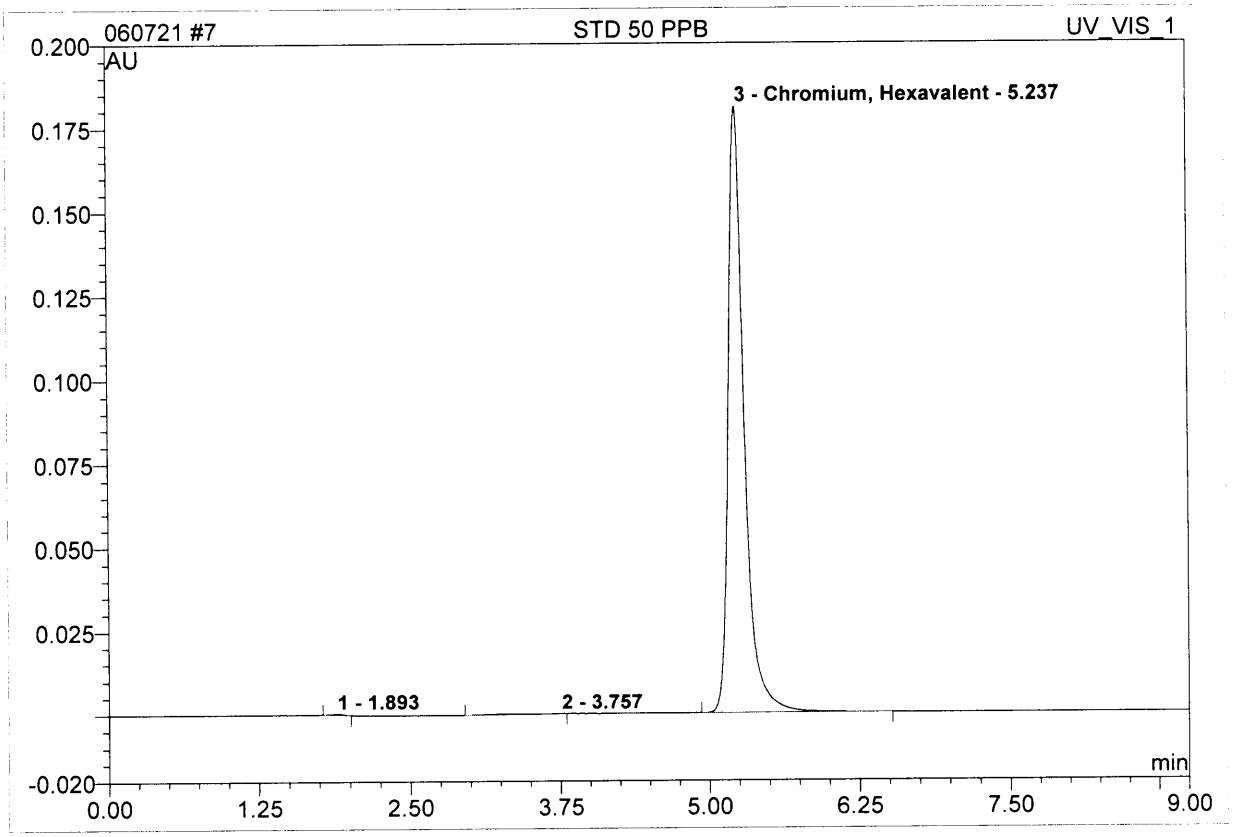
Sample Name:	**STD 10 PPB**	*Injection Volume:*	**1000.0**
Vial Number:	**14**	*Channel:*	**UV_VIS_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2006 11:55**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.90	n.a.	3.84E-04	5.21E-05	0.91	n.a.	BMB
2	3.17	n.a.	1.26E-03	4.82E-05	0.85	n.a.	BM
3	3.20	n.a.	5.51E-04	1.40E-05	0.24	n.a.	MB
4	5.26	Chromium, Hexavalent	3.65E-02	5.57E-03	97.67	9.903	BMB
5	8.84	n.a.	4.30E-04	1.84E-05	0.32	n.a.	BMB
Total:			3.92E-02	5.70E-03	100.00	9.903	

7 STD 50 PPB

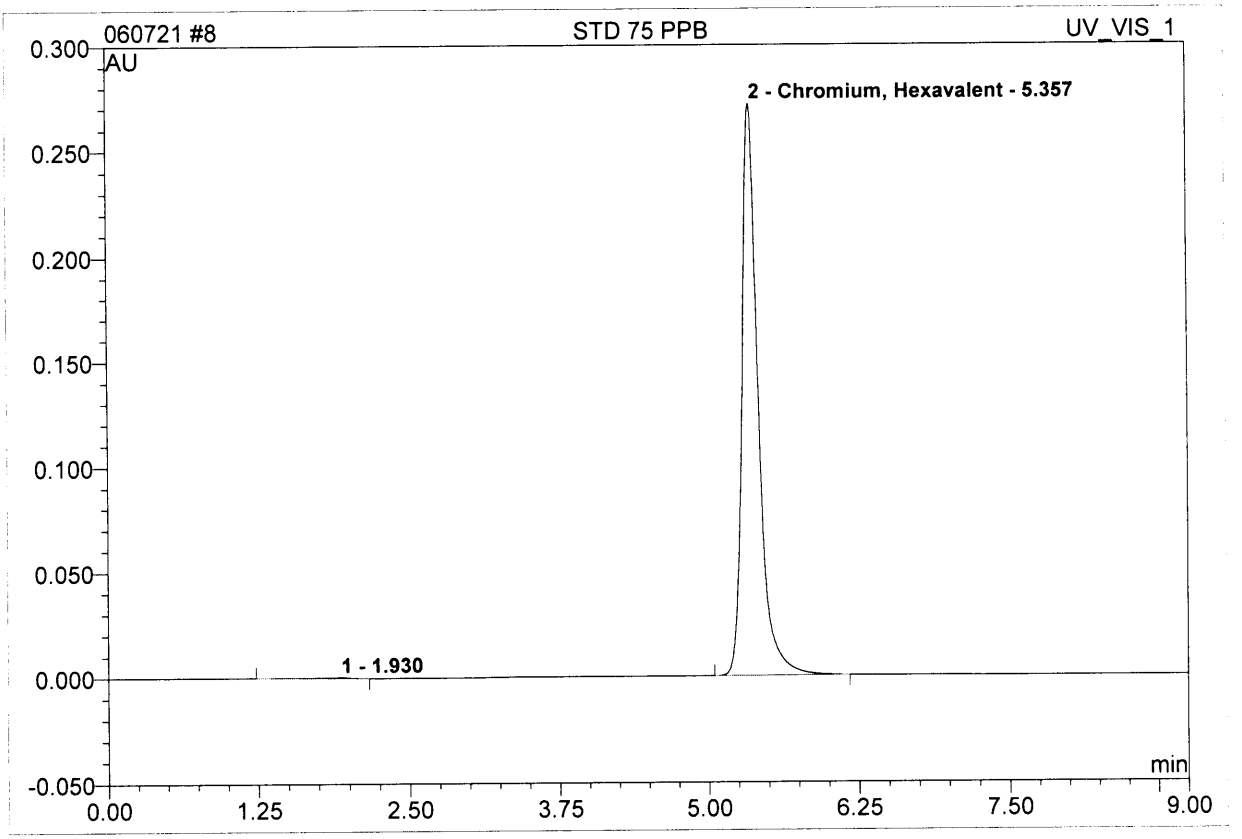
Sample Name:	**STD 50 PPB**	*Injection Volume:*	**1000.0**
Vial Number:	**15**	*Channel:*	**UV_VIS_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2006 12:07**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.89	n.a.	3.33E-04	3.47E-05	0.12	n.a.	BMB
2	3.76	n.a.	2.90E-05	7.51E-05	0.27	n.a.	BMB
3	5.24	Chromium, Hexavalent	1.81E-01	2.79E-02	99.61	49.546	BMB
Total:			1.81E-01	2.80E-02	100.00	49.546	

8 STD 75 PPB

Sample Name:	**STD 75 PPB**	*Injection Volume:*	**1000.0**
Vial Number:	**16**	*Channel:*	**UV_VIS_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2006 12:18**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**

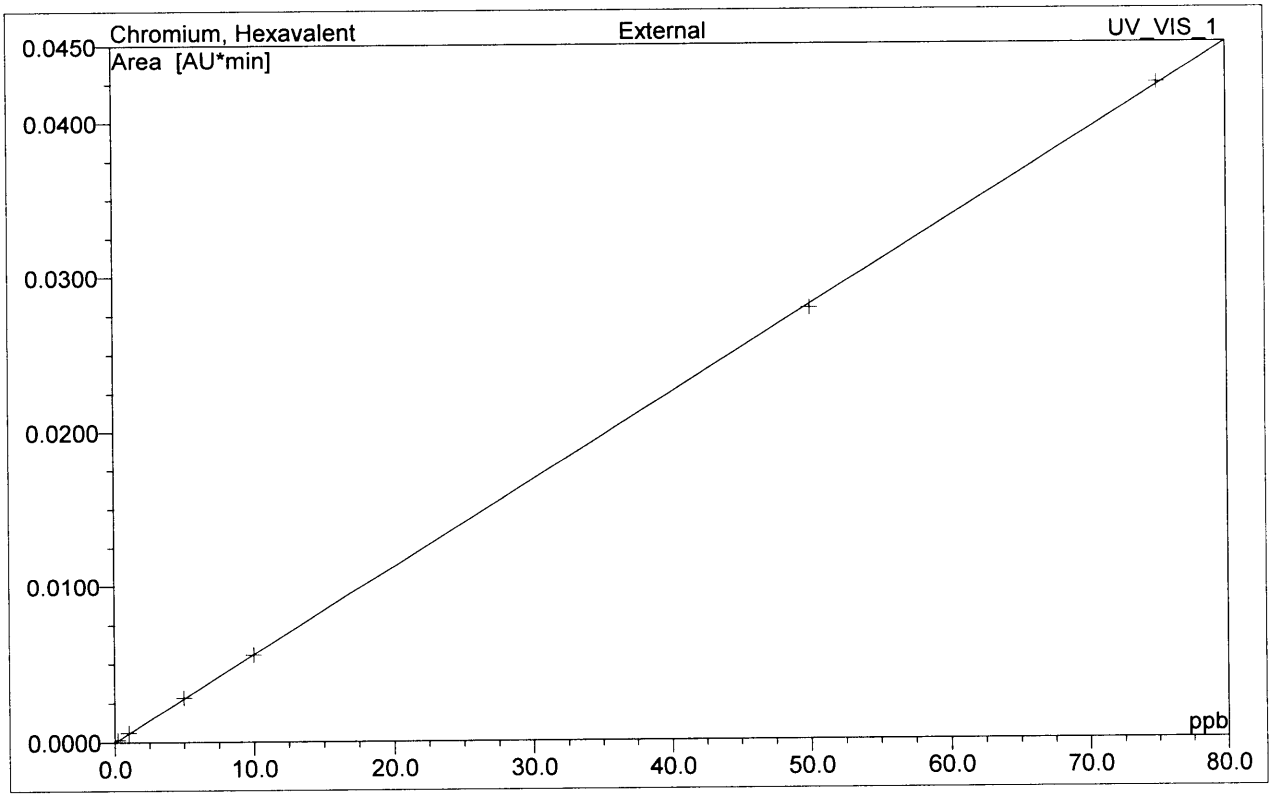


No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.93	n.a.	4.59E-04	1.24E-04	0.29	n.a.	BMB
2	5.36	Chromium, Hexavalent	2.72E-01	4.24E-02	99.71	75.311	BMB
Total:			2.72E-01	4.25E-02	100.00	75.311	

Operator:eleo ng Timebase:IC5 Sequence:060721

8 STD 75 PPB

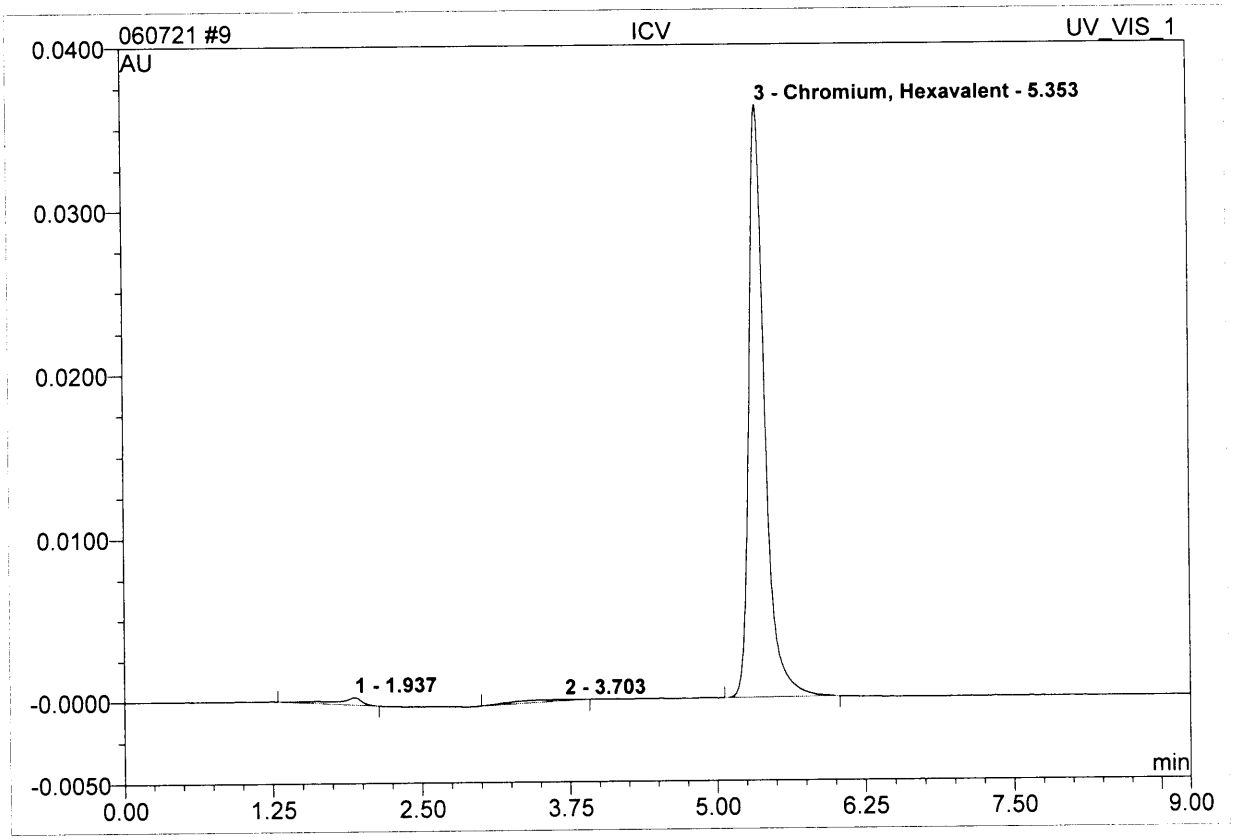
Sample Name:	**STD 75 PPB**	*Injection Volume:*	**1000.0**
Vial Number:	**16**	*Channel:*	**UV_VIS_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2006 12:18**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Cal.Type	Points	Corr.Coeff. %	Offset	Slope
1	1.93	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	5.36	Chromium, Hexa	Lin	6	99.9968	0.00E-01	5.62E-04
Average:					99.9968	0.00E-01	5.62E-04

9 ICV

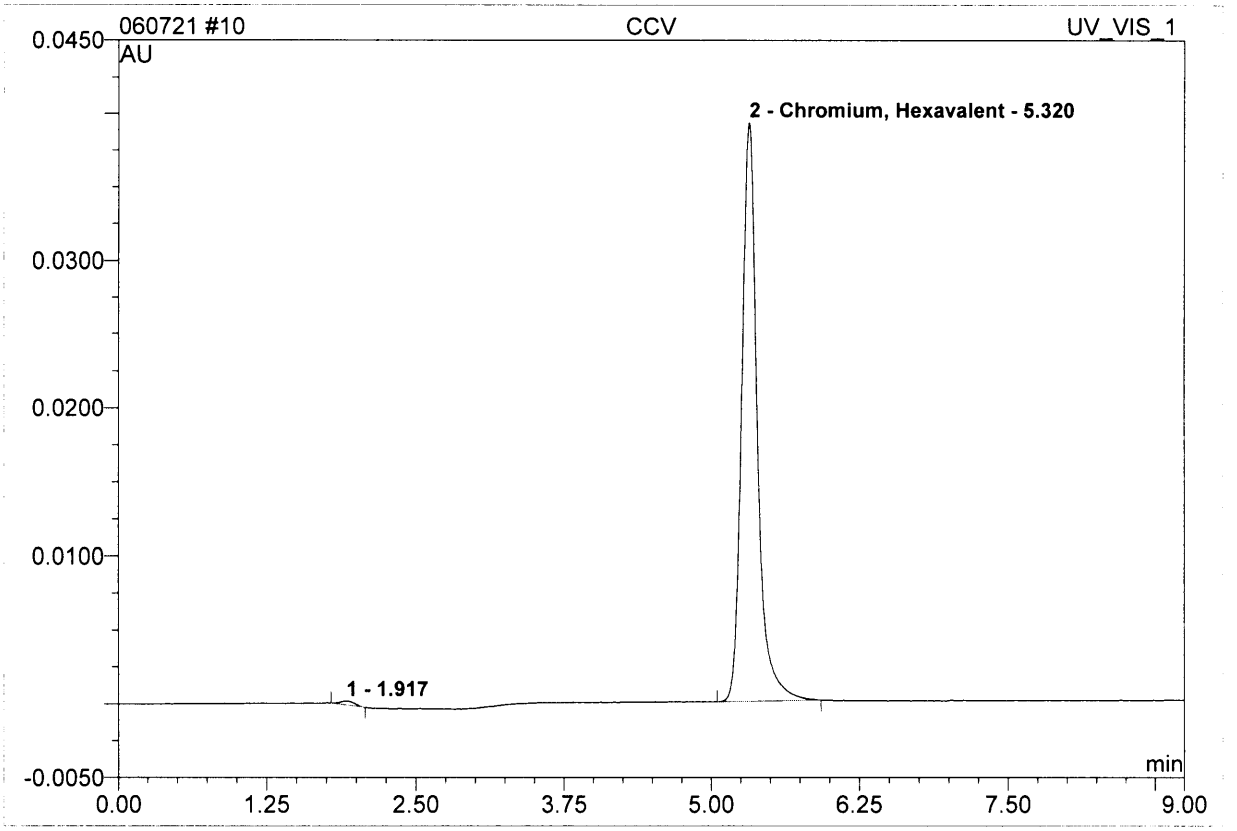
Sample Name:	**ICV**	*Injection Volume:*	**1000.0**
Vial Number:	**18**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2006 12:30**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.94	n.a.	4.44E-04	1.16E-04	1.99	n.a.	BMB
2	3.70	n.a.	9.30E-05	8.49E-05	1.46	n.a.	BMB
3	5.35	Chromium, Hexavalent	3.62E-02	5.62E-03	96.55	9.988	BMB
Total:			3.68E-02	5.82E-03	100.00	9.988	

10 CCV

Sample Name:	**CCV**	*Injection Volume:*	**1000.0**
Vial Number:	**20**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/21/2006 12:36**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**

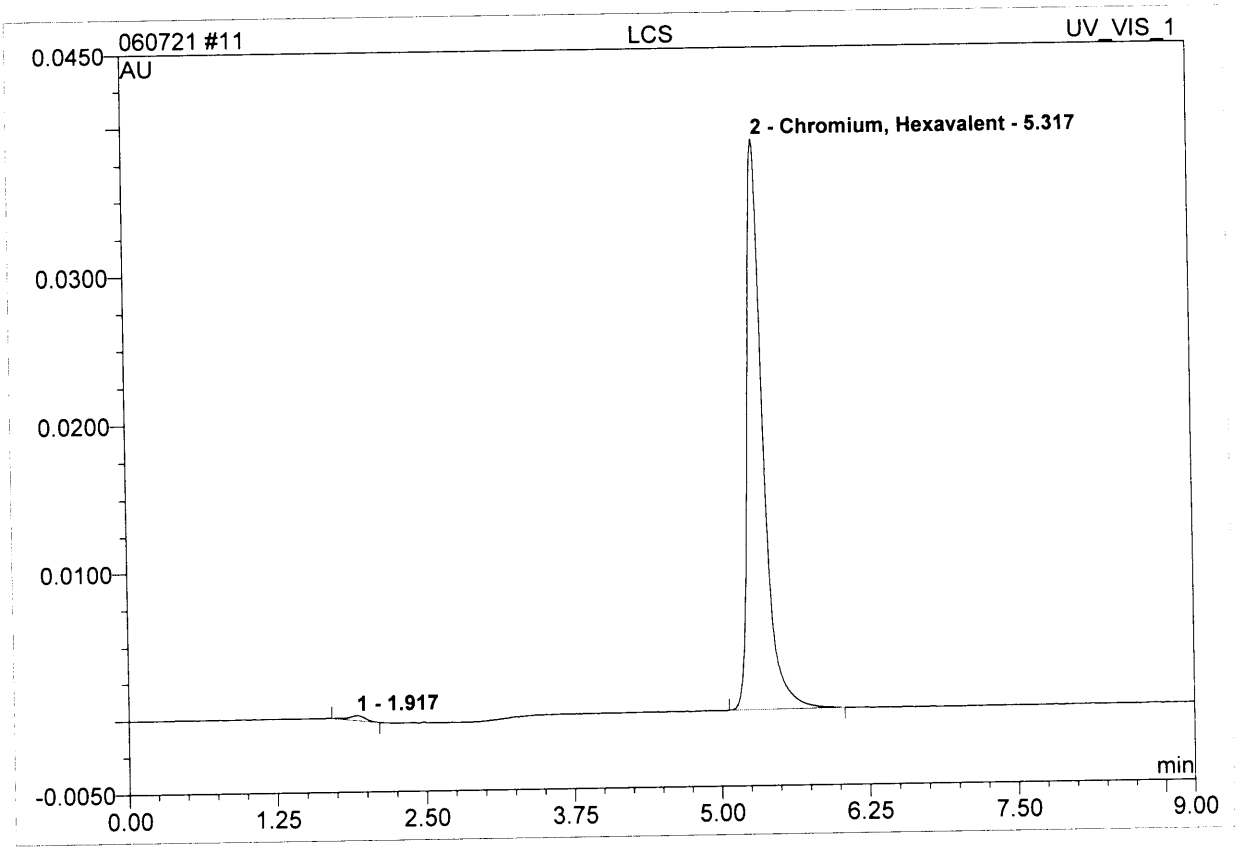


No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.92	n.a.	2.76E-04	3.85E-05	0.64	n.a.	BMB
2	5.32	Chromium, Hexavalent	3.93E-02	6.00E-03	99.36	10.667	BMB
Total:			3.95E-02	6.04E-03	100.00	10.667	

Operator:eleo ng Timebase:IC5 Sequence:060721

11 LCS

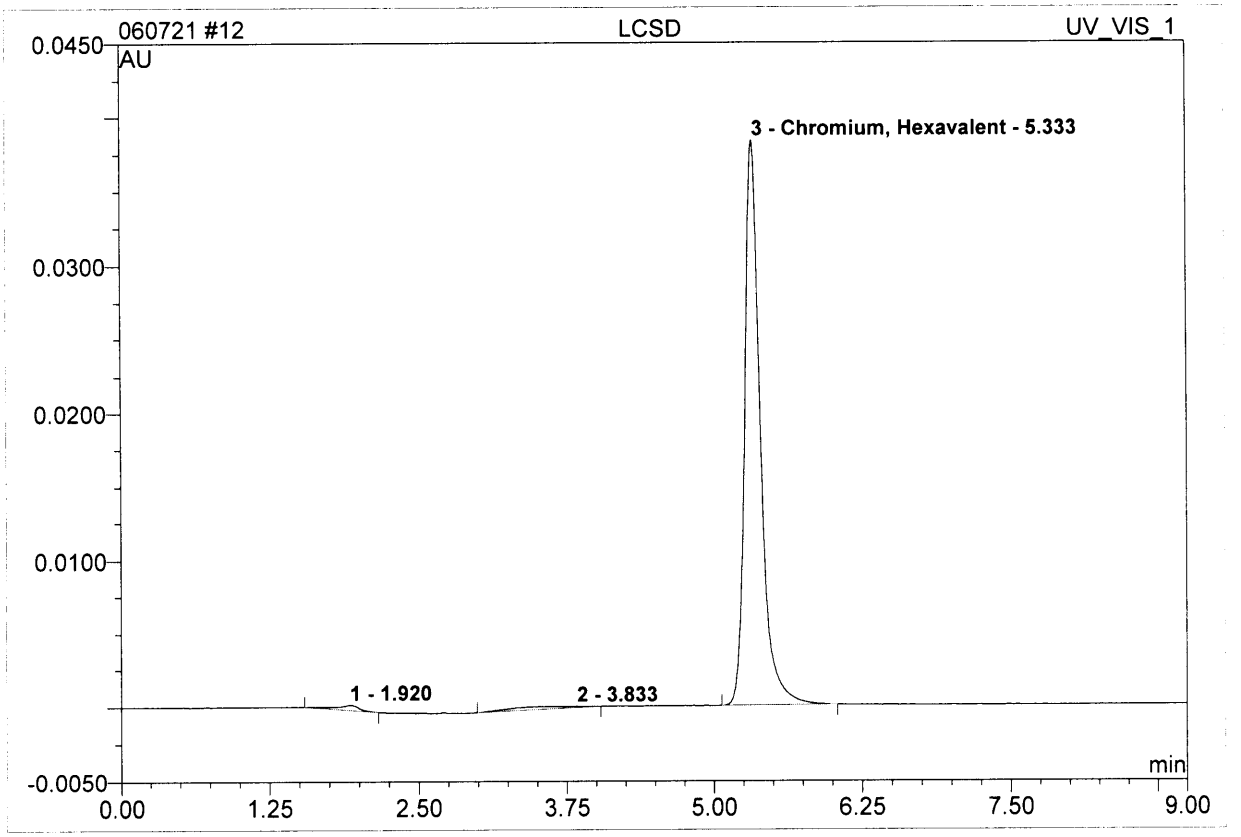
Sample Name:	**LCS**	*Injection Volume:*	**1000.0**
Vial Number:	**22**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/21/2006 12:47**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.92	n.a.	3.34E-04	5.37E-05	0.90	n.a.	BMB
2	5.32	Chromium, Hexavalent	3.86E-02	5.91E-03	99.10	10.507	BMB
Total:			3.89E-02	5.96E-03	100.00	10.507	

12 LCSD

Sample Name:	**LCSD**	*Injection Volume:*	**1000.0**
Vial Number:	**23**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/21/2006 15:52**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**

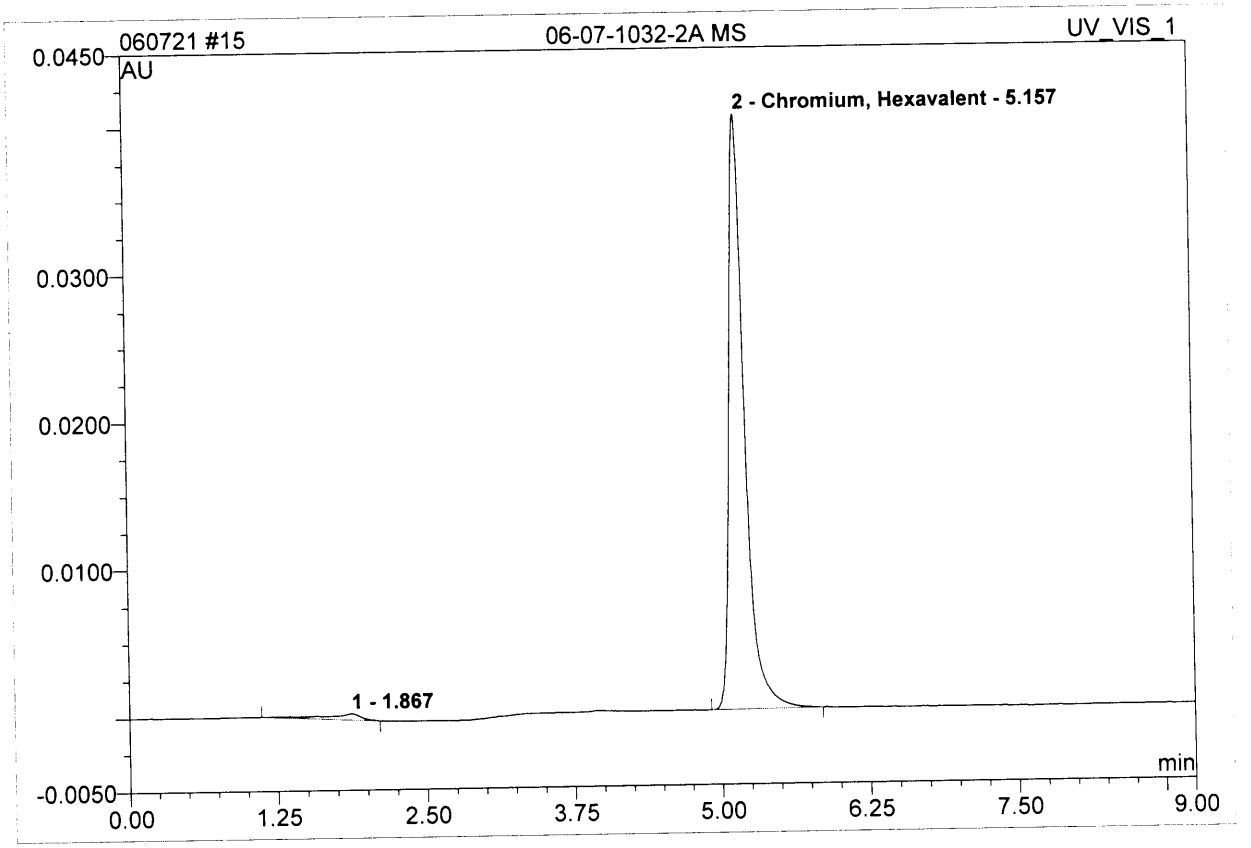


No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.92	n.a.	3.63E-04	8.28E-05	1.36	n.a.	BMB
2	3.83	n.a.	8.80E-05	1.21E-04	1.98	n.a.	BMB
3	5.33	Chromium, Hexavalent	3.83E-02	5.88E-03	96.65	10.447	BMB
Total:			3.88E-02	6.08E-03	100.00	10.447	

Operator:eleo ng Timebase:IC5 Sequence:060721

15 06-07-1032-2A MS

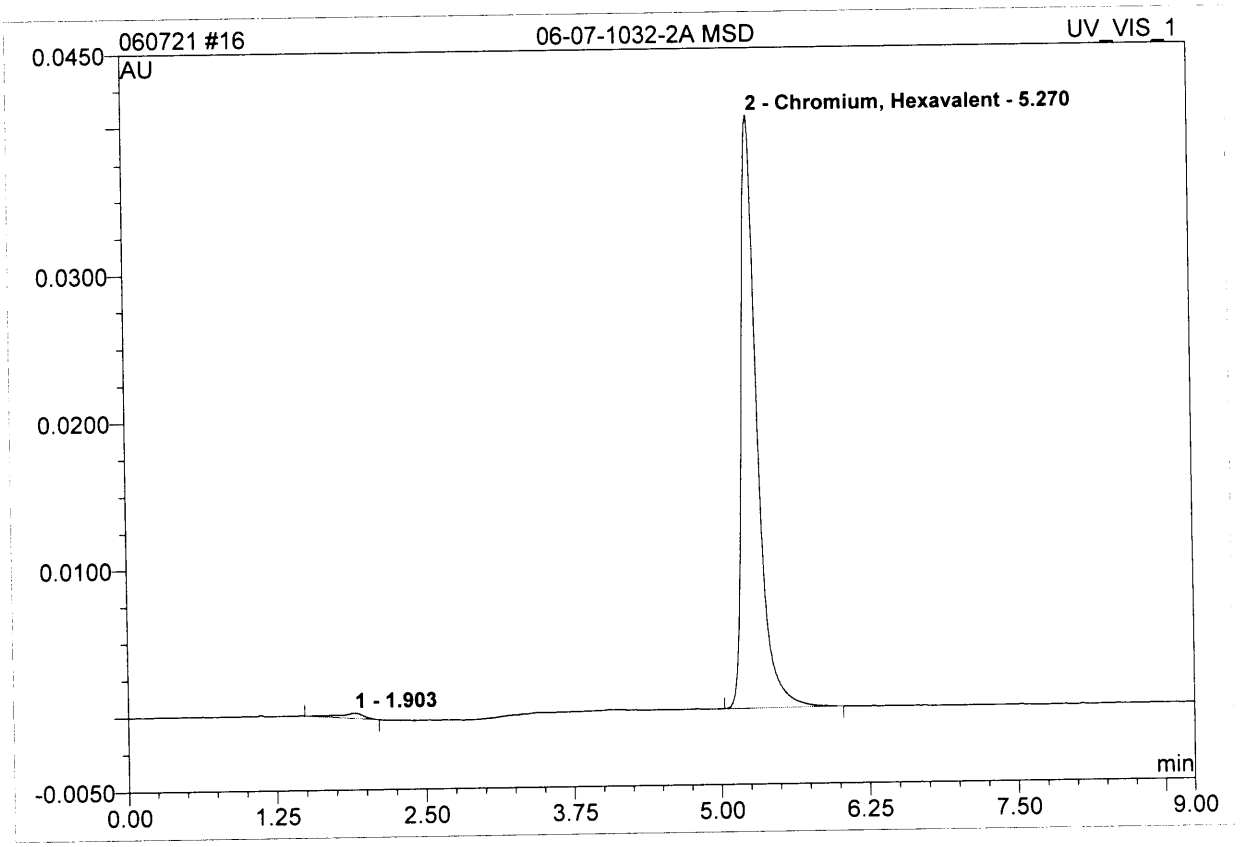
Sample Name:	**06-07-1032-2A MS**	*Injection Volume:*	**1000.0**
Vial Number:	**26**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/21/2006 13:22**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.87	n.a.	4.17E-04	1.52E-04	2.42	n.a.	BMB
2	5.16	Chromium, Hexavalent	4.04E-02	6.12E-03	97.58	10.883	BMB
Total:			4.08E-02	6.27E-03	100.00	10.883	

16 06-07-1032-2A MSD

Sample Name:	**06-07-1032-2A MSD**	*Injection Volume:*	**1000.0**
Vial Number:	**27**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/21/2006 13:33**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**

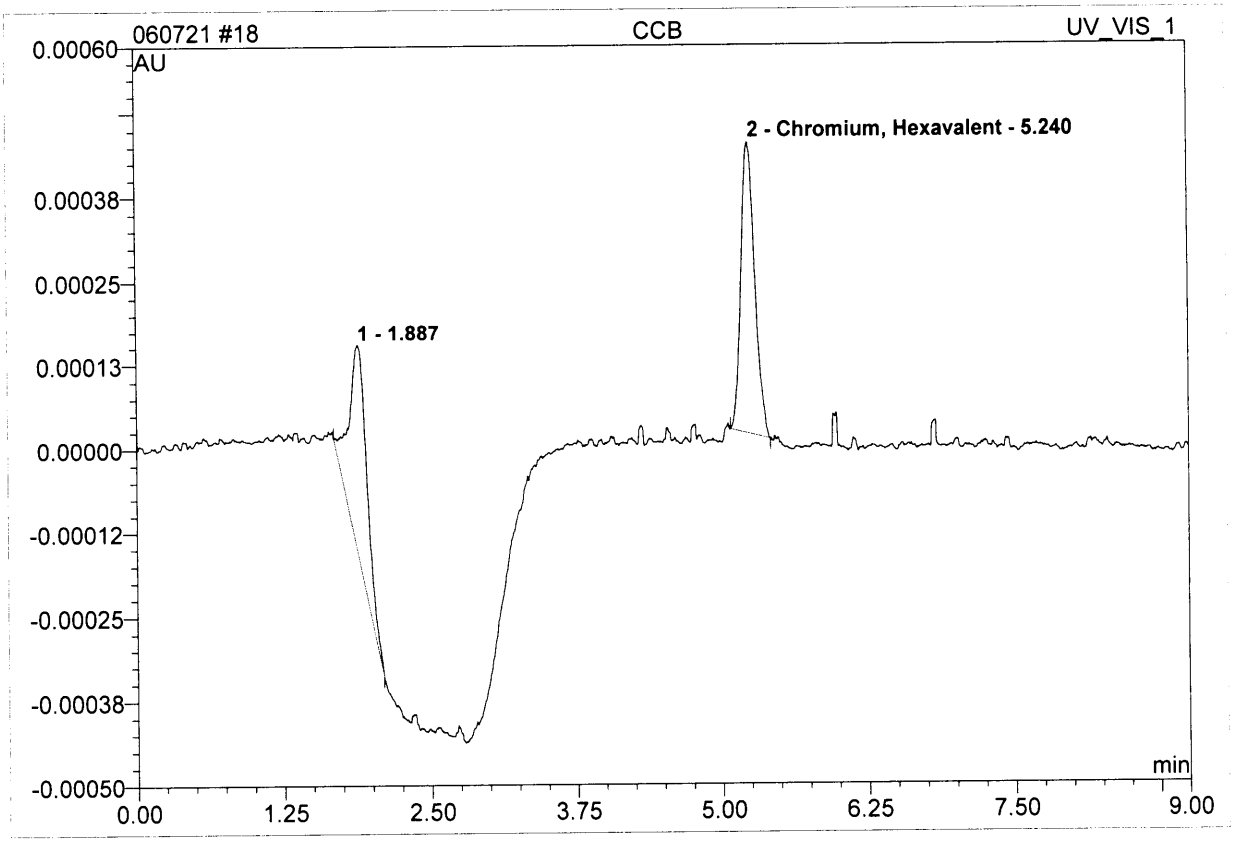


No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.90	n.a.	3.54E-04	8.40E-05	1.35	n.a.	BMB
2	5.27	Chromium, Hexavalent	4.03E-02	6.15E-03	98.65	10.939	BMB
Total:			4.06E-02	6.24E-03	100.00	10.939	

Operator:eleo ng Timebase:IC5 Sequence:060721

18 CCB

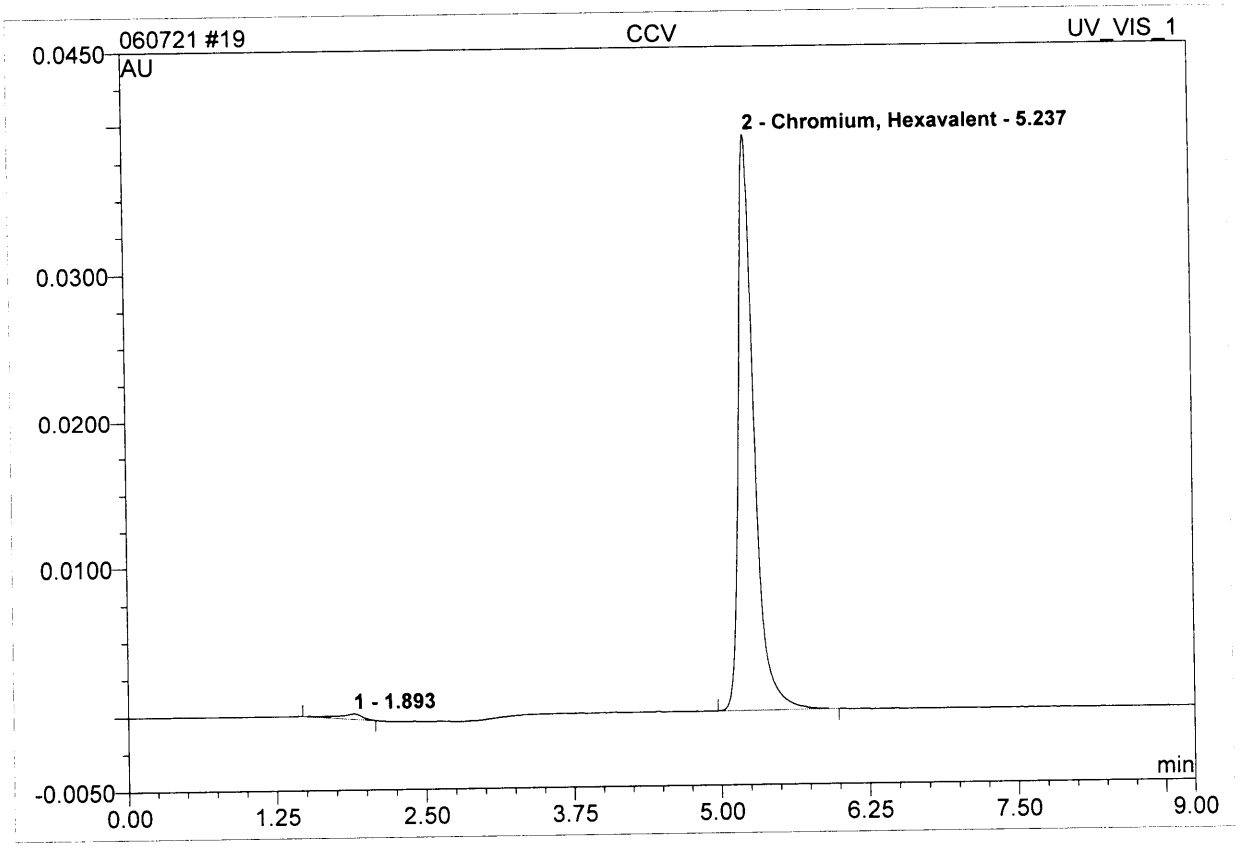
Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**29**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/21/2006 13:56**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.89	n.a.	3.14E-04	5.32E-05	47.25	n.a.	BMB
2	5.24	Chromium, Hexavalent	4.34E-04	5.94E-05	52.75	0.106	BMB
Total:			7.48E-04	1.13E-04	100.00	0.106	

19 CCV

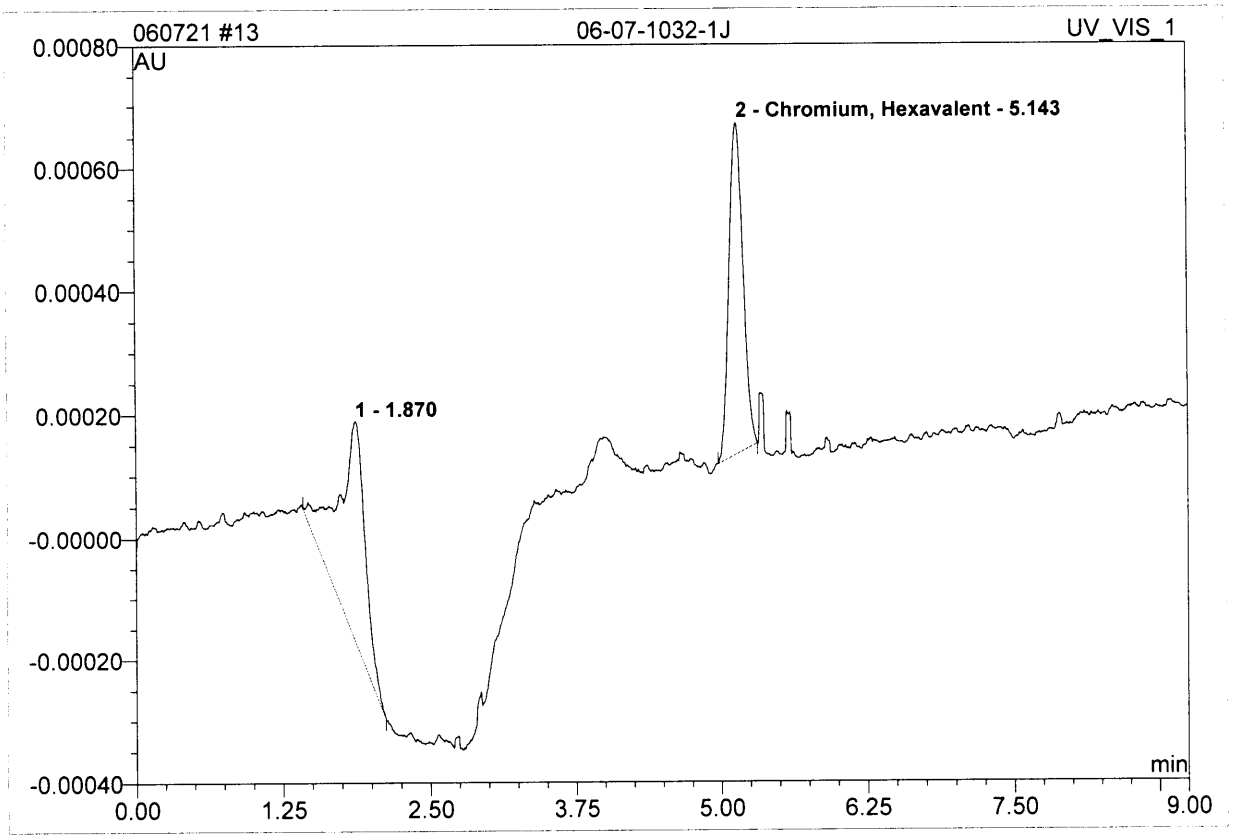
Sample Name:	**CCV**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/21/2006 14:08**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.89	n.a.	3.72E-04	8.58E-05	1.42	n.a.	BMB
2	5.24	Chromium, Hexavalent	3.90E-02	5.96E-03	98.58	10.598	BMB
Total:			3.94E-02	6.05E-03	100.00	10.598	

13 06-07-1032-1J

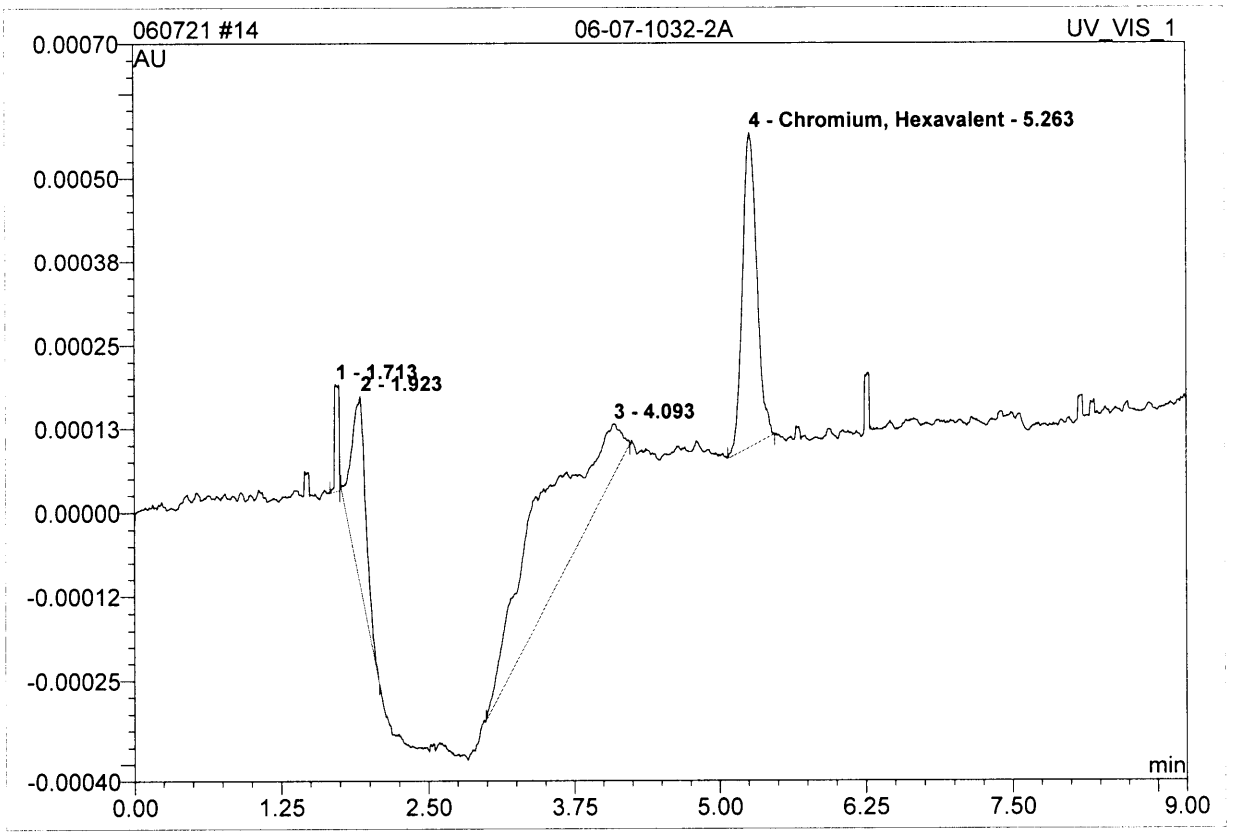
Sample Name:	**06-07-1032-1J**	*Injection Volume:*	**1000.0**
Vial Number:	**24**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/21/2006 12:59**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.87	n.a.	3.60E-04	9.19E-05	55.10	n.a.	BMB
2	5.14	Chromium, Hexavalent	5.38E-04	7.49E-05	44.90	0.133	BMB
Total:			8.98E-04	1.67E-04	100.00	0.133	

14 06-07-1032-2A

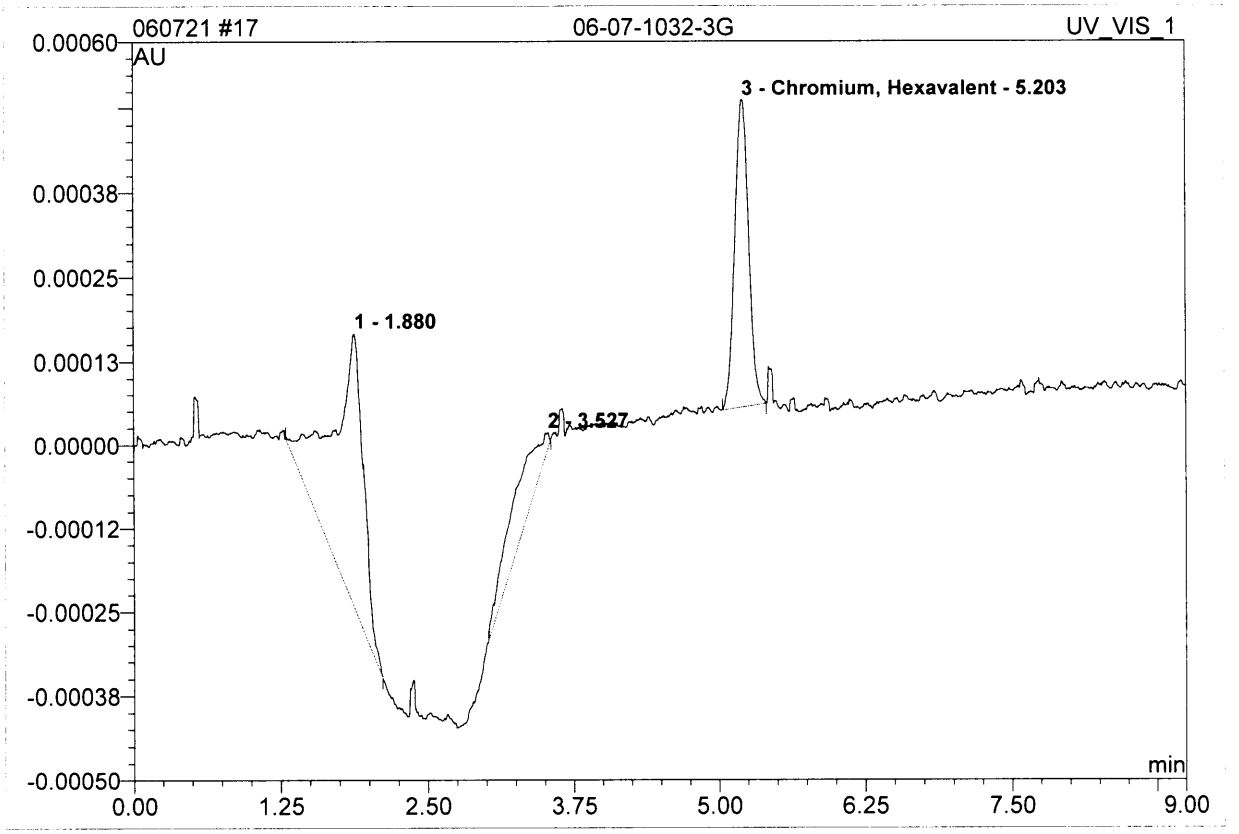
Sample Name:	**06-07-1032-2A**	*Injection Volume:*	**1000.0**
Vial Number:	**25**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/21/2006 13:10**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.71	n.a.	1.61E-04	6.76E-06	2.84	n.a.	BMB
2	1.92	n.a.	2.83E-04	3.71E-05	15.57	n.a.	BMB
3	4.09	n.a.	7.70E-05	1.27E-04	53.32	n.a.	BMB
4	5.26	Chromium, Hexavalent	4.71E-04	6.74E-05	28.27	0.120	BMB
Total:			9.92E-04	2.38E-04	100.00	0.120	

17 06-07-1032-3G

Sample Name:	**06-07-1032-3G**	*Injection Volume:*	**1000.0**
Vial Number:	**28**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/21/2006 13:45**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.88	n.a.	4.11E-04	1.23E-04	56.31	n.a.	BMB
2	3.53	n.a.	2.60E-05	3.21E-05	14.68	n.a.	BMB
3	5.20	Chromium, Hexavalent	4.57E-04	6.34E-05	29.01	0.113	BMB
Total:			8.94E-04	2.19E-04	100.00	0.113	

Calscience
Environmental
Laboratories, Inc.

Anions by EPA 300.0

Camp Dresser & McKee

CEL W.O. 06-07-1032

Hewitt Landfill Groundwater

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

INSTRUMENT LOGBOOK

Calscience Environmental Laboratories, Inc.

Date Loaded	Pos	Directory	Data File	CEL ID #	Mtx	Amount Loaded	pH <2	Lot # IS/SS	Lot # Cal. Std.	By	Comments
07/20/06	78	060720	060720#78	06-07-1002-5B	W	25ml	N/A	N/A	N/A	GA	
	79		79	-4B							
	80		80	06-07-0898-1F 50X							
	81		81	06-07-0961-1D 50X							
	82		82	06-07-0927-1B 100X MS					G062606B G062606D		
	83		83	-1B 100X MSD							
	84		84	CCB					N/A		
	85		85	CCV					G062606A G062606C		
07/21/06	1	060721	060721#1	Method Blank	W	25ml	N/A	N/A	N/A	GA	
	2		2	CCB							
	3		3	STD1					G062606A G062606C		
	4		4	STD2							
	5		5	STD3							
	6		6	CCV							
	7		7	LCS					G062606B G062606D		
	8		8	LCSD							
	9		9	06-07-1022-1A					N/A		
	10		10	-2A							
	11		11	-3A							
	12		12	-4A							
	13		13	-5A							

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Date Loaded	Pos	Directory	Data File	CEL ID #	Mtx	Amount Loaded	pH <2	Lot # IS/SS	Lot # Cal. Std.	By	Comments
07/21/06	14	060721	060721#14	06-07-1022-6A	W	25 ml	N/A	N/A	N/A	GM	
	15		15	-7A							
	16		16	-8A							
	17		17	-9A							
	18		18	-10A							
	19		19	CCB							
	20		20	CCV					G062606A G062606C		
	21		21	06-07-1022-11A					N/A		
	22		22	-12A							
	23		23	-13A							
	24		24	-14A 2X							
	25		25	-1A 100X							
	26		26	-1A 100X MS					G062606B G062606D		
	27		27	-1A 100X MSD							
	28		28	06-07-1010-2A 5X					N/A		
	29		29	-5A 2X							
	30		30	-8A							
	31		31	CCB							
	32		32	CCV					G062606A G062606C		
	33		33	06-07-1010-12A 2X					N/A		
	34		34	-14A 2X							

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Calscience Environmental Laboratories, Inc.

Date Loaded	Pos	Directory	Data File	CEL ID #	Mtx	Amount Loaded	pH <2	Lot # IS/SS	Lot # Cal. Std.	By	Comments
07/21/06	35	060721	060721#35	06-07-1010-17A	W	25 ml	N/A	N/A	N/A	GM	
	36		36	CCB					↓		
	37		37	CCV					G062606A G062606C		
	38		38	Method Blank					N/A		
	39		39	CCB					↓		
	40		40	CCV					G062606A G062606C		
	41		41	LCS					G062606B G062606D		
	42		42	LCSD					↓		
	43		43	06-07-1011-1A 5X					N/A		
	44		44	-2A 2X							
	45		45	-3A 2X							
	46		46	06-07-1022-7A 5X							
	47		47	-8A 5X							
	48		48	06-07-1012-2A 5X							
	49		49	-4A 5X							
	50		50	06-07-0032-1M							
	51		51	-2Y							
	52		52	-3L							
	53		53	CCB							
	54		54	CCV					G062606A G062606C		
	55		55	06-07-1032-2Y 100X					N/A		

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Date Loaded	Pos	Directory	Data File	CEL ID #	Mtx	Amount Loaded	pH <2	Lot # IS/SS	Lot # Cal. Std.	By	Comments
07/21/06	56	060721	060721#56	06-07-1032-2Y 100X MS	W	25ml	N/A	N/A	G062606B G062606D	GM	
	57		57	-2Y 100X MSD							
	58		58	06-07-1011-4A 2X					N/A		
	59		59	-5A 2X							
	60		60	06-07-1022-1A 2X							
	61		61	-2A 2X							
	62		62	06-07-1073-1A							
	63		63	-2A							
	64		64	06-07-0916-7A 50X							
	65		65	CCB							
	66		66	CCV					G062606A G062606G		
	67		67	06-07-0916-10A 200X					N/A		
	68		68	-12A 200X							
	69		69	-15A 100X							
	70		70	06-07-0917-2A 500X							
	71		71	-4A 500X							
	72		72	-7A 500X							
	73		73	-9A 500X							
	74		74	06-07-0918-4A 100X							
	75		75	06-07-0933-1B 5X							
	76		76	-2B 20X							

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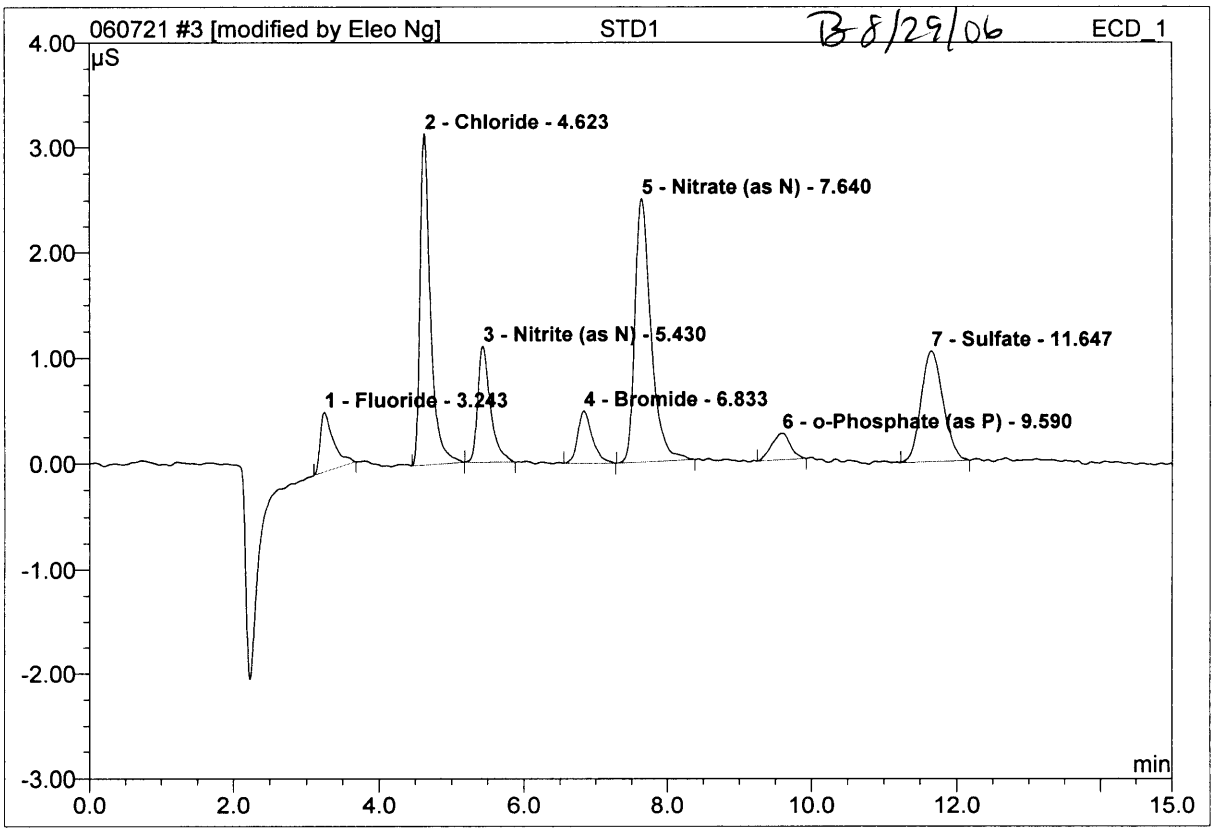
Date Loaded	Pos	Directory	Data File	CEL ID #	Mtx	Amount Loaded	pH <2	Lot # IS/SS	Lot # Cal. Std.	By	Comments
07/21/06	77	060721	060721# 77	CCB	W	25 ul	N/A	N/A	N/A	GA	
	78		78	CCV					G062606A G062606C		
	79		79	06-07-0927-1B 50X					N/A		
	80		80	-2B 50X							
	81		81	-3B 50X							
	82		82	-4B 100X							
	83		83	06-07-1032-1M 10X							
	84		84	-2Y 10X							
	85		85	06-07-1073-1A 50X							
	86		86	-2A 50X							
	87		87	CCB							
	88		88	CCV					G062606A G062606C		
07/22/06	1	060722	060722# 1	Method Blank	W	25 ul	N/A	N/A	N/A	GA	
	2		2	CCB							
	3		3	STD1					G062606A G062606C		
	4		4	STD2							
	5		5	STD3							
	6		6	CCV							
	7		7	LCS					G062606B G062606D		
	8		8	LCSD							
	9		9	06-07-1060-1H					N/A		

Reviewed by [signature] Date 07/31/06

ChromLog, 07/17/98 Revision

3 STD1

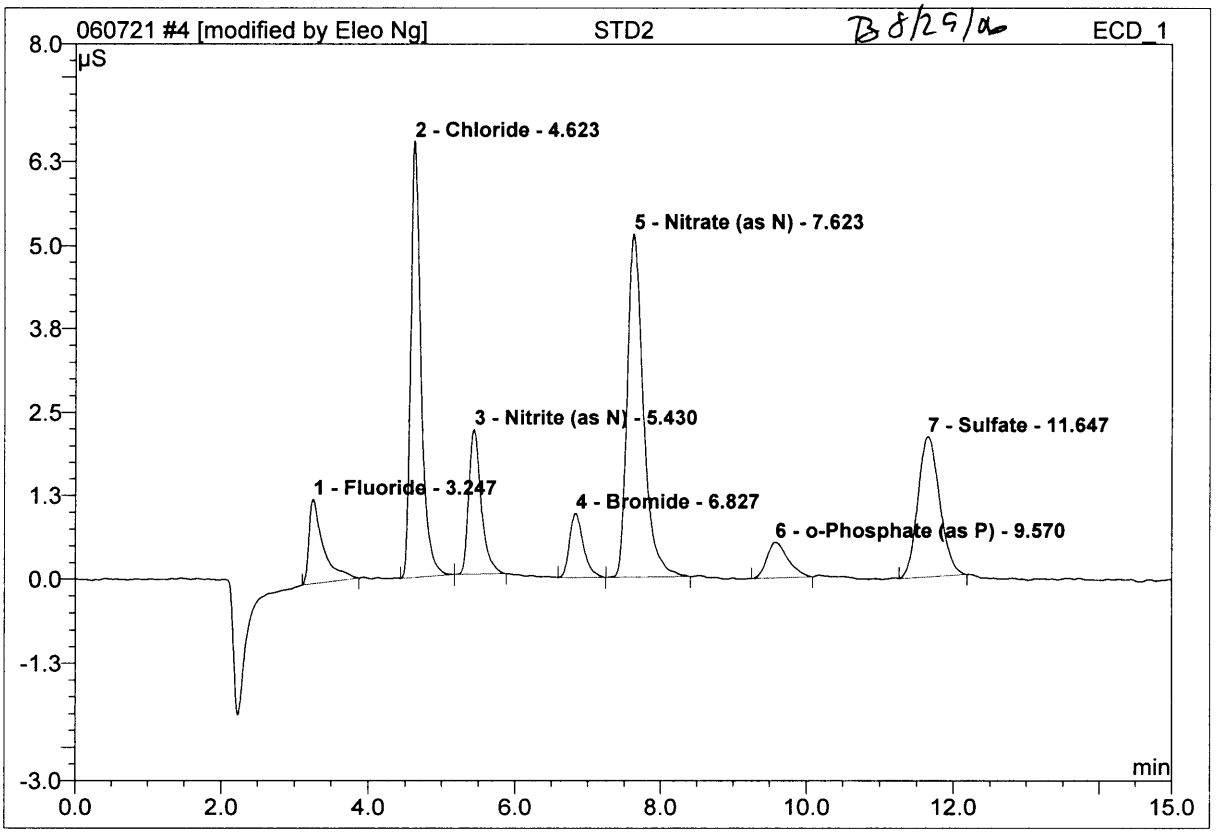
Sample Name:	**STD1**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/13/2006 12:08**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.24	Fluoride	0.572	0.119	5.72	0.383	BMB*
2	4.62	Chloride	3.145	0.523	25.13	1.885	BMB
3	5.43	Nitrite (as N)	1.099	0.224	10.79	0.504	BMB*
4	6.83	Bromide	0.500	0.116	5.60	1.069	BMB
5	7.64	Nitrate (as N)	2.505	0.652	31.36	0.921	BMB
6	9.59	o-Phosphate (as P)	0.253	0.075	3.62	0.386	BMB*
7	11.65	Sulfate	1.049	0.370	17.79	1.944	BMB
Total:			9.122	2.080	100.00	7.093	

4 STD2

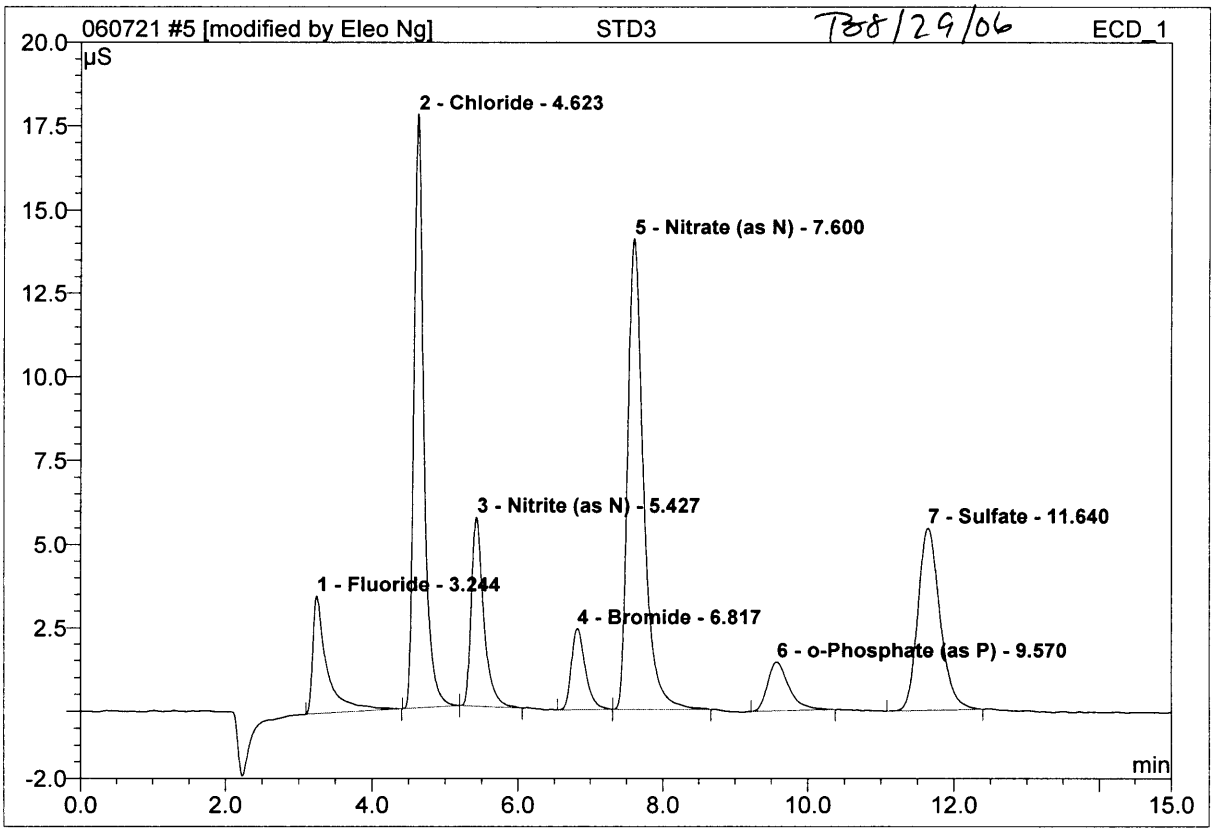
Sample Name:	**STD2**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/13/2006 12:25**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.25	Fluoride	1.257	0.283	6.74	0.913	BMB*
2	4.62	Chloride	6.515	1.053	25.03	3.797	BMb
3	5.43	Nitrite (as N)	2.170	0.427	10.17	0.961	bMB
4	6.83	Bromide	0.958	0.212	5.04	1.946	BMB
5	7.62	Nitrate (as N)	5.142	1.329	31.60	1.876	BMB*
6	9.57	o-Phosphate (as P)	0.538	0.180	4.27	0.920	BMB
7	11.65	Sulfate	2.099	0.722	17.16	3.791	BMB*
Total:			18.679	4.205	100.00	14.204	

5 STD3

Sample Name:	**STD3**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/13/2006 12:43**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



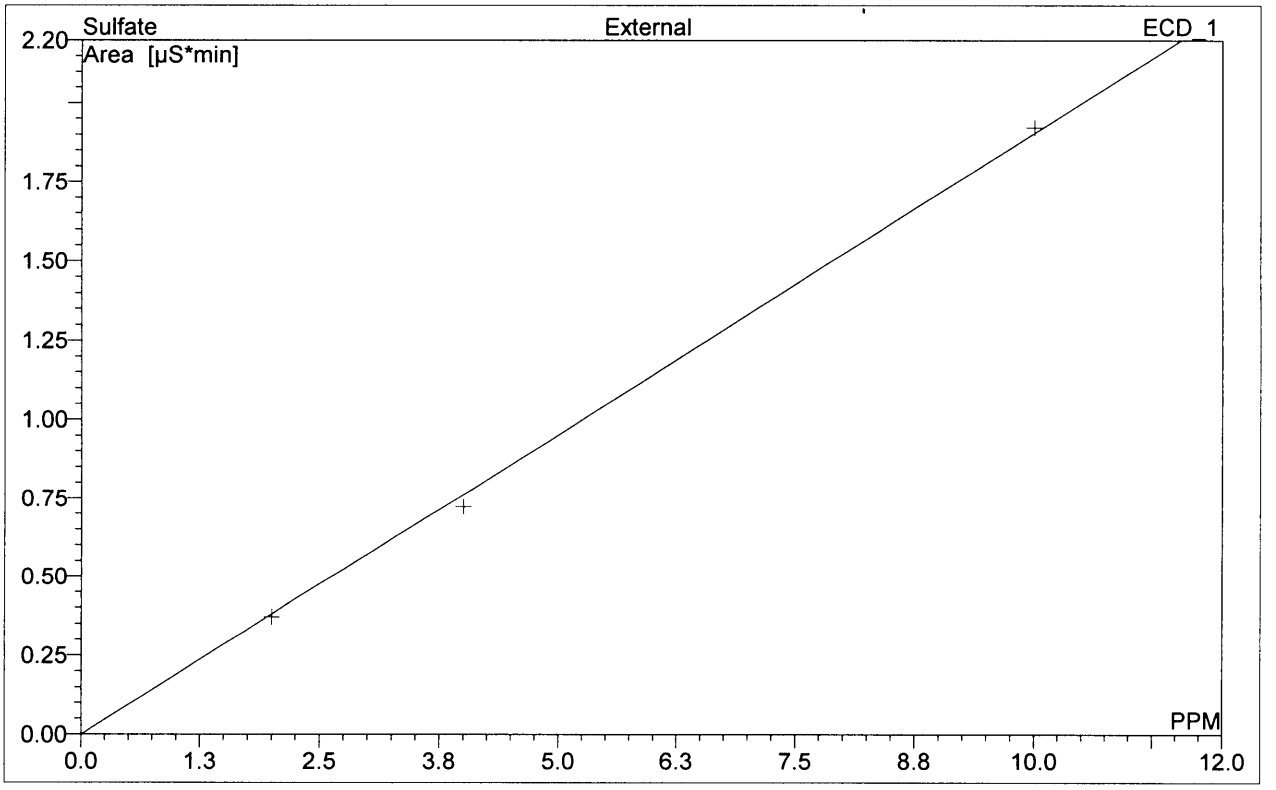
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.24	Fluoride	3.518	0.794	7.05	2.558	BMB
2	4.62	Chloride	17.739	2.801	24.86	10.104	BMb
3	5.43	Nitrite (as N)	5.666	1.119	9.93	2.515	bMB
4	6.82	Bromide	2.440	0.545	4.84	5.008	BMB
5	7.60	Nitrate (as N)	14.095	3.587	31.84	5.065	BMB*
6	9.57	o-Phosphate (as P)	1.458	0.499	4.43	2.555	BMB
7	11.64	Sulfate	5.478	1.921	17.05	10.095	BMB
Total:			50.394	11.267	100.00	37.900	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060721

8/29/2006 12:43 PM

3 STD1

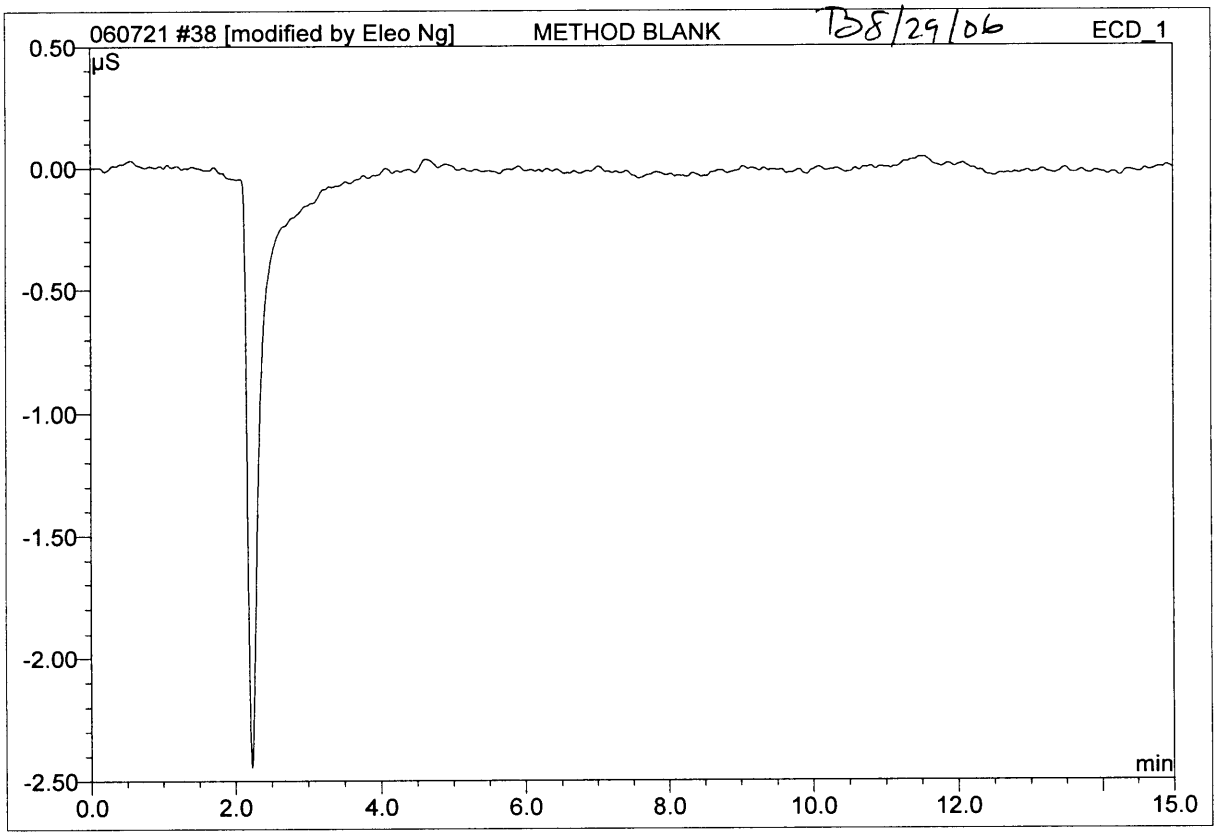
Sample Name:	**STD1**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/13/2006 12:08**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Cal.Type	Points	Corr.Coeff. %	Offset	Slope	Curve
1	3.24	Fluoride	Lin	3	99.9976	0.0000	0.3104	0.0000
2	4.62	Chloride	Lin	3	99.9831	0.0000	0.2772	0.0000
3	5.43	Nitrite (as N)	Lin	3	99.9705	0.0000	0.4450	0.0000
4	6.83	Bromide	Lin	3	99.9579	0.0000	0.1089	0.0000
5	7.64	Nitrate (as N)	Lin	3	99.9787	0.0000	0.7082	0.0000
6	9.59	o-Phosphate (as	Lin	3	99.9991	0.0000	0.1953	0.0000
7	11.65	Sulfate	Lin	3	99.9695	0.0000	0.1903	0.0000
Average:					99.9795	0.0000	0.3193	0.0000

38 METHOD BLANK

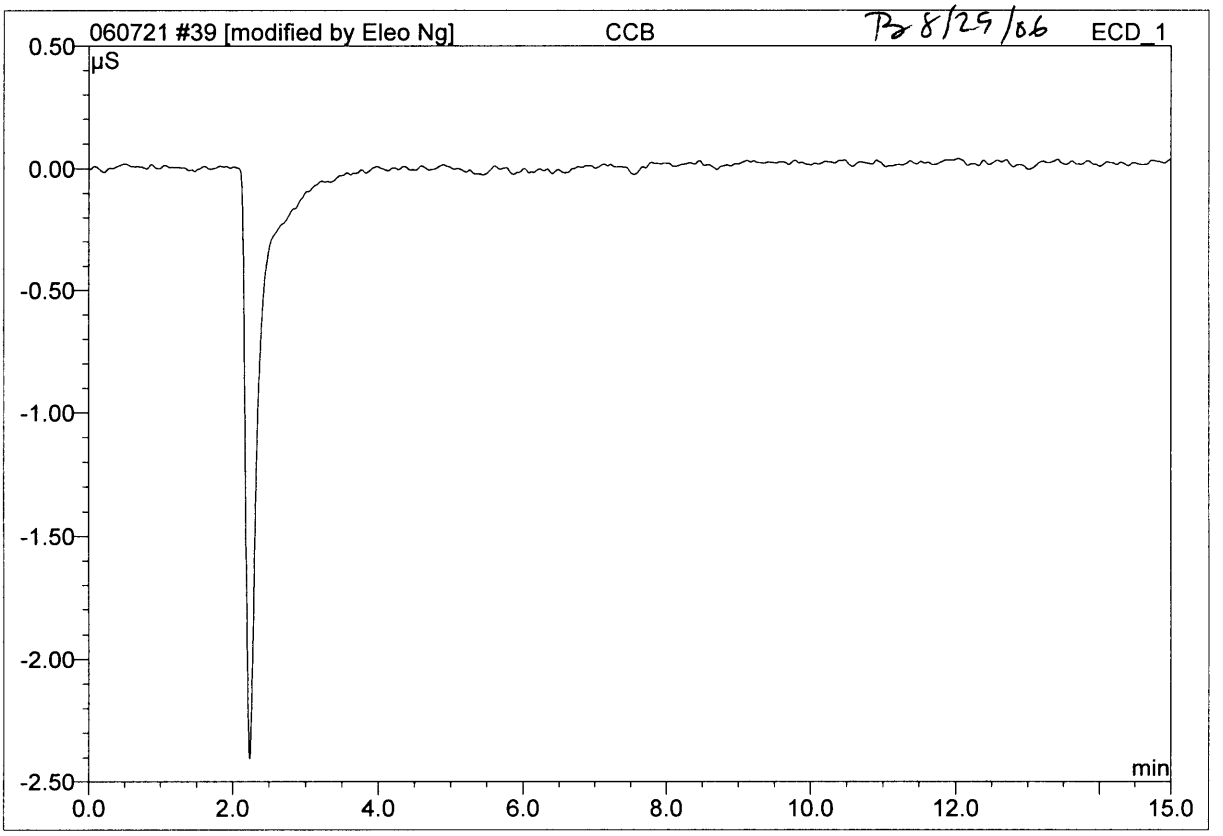
Sample Name:	**METHOD BLANK**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 0:02**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
Total:			0.000	0.000	0.00	0.000	

39 CCB

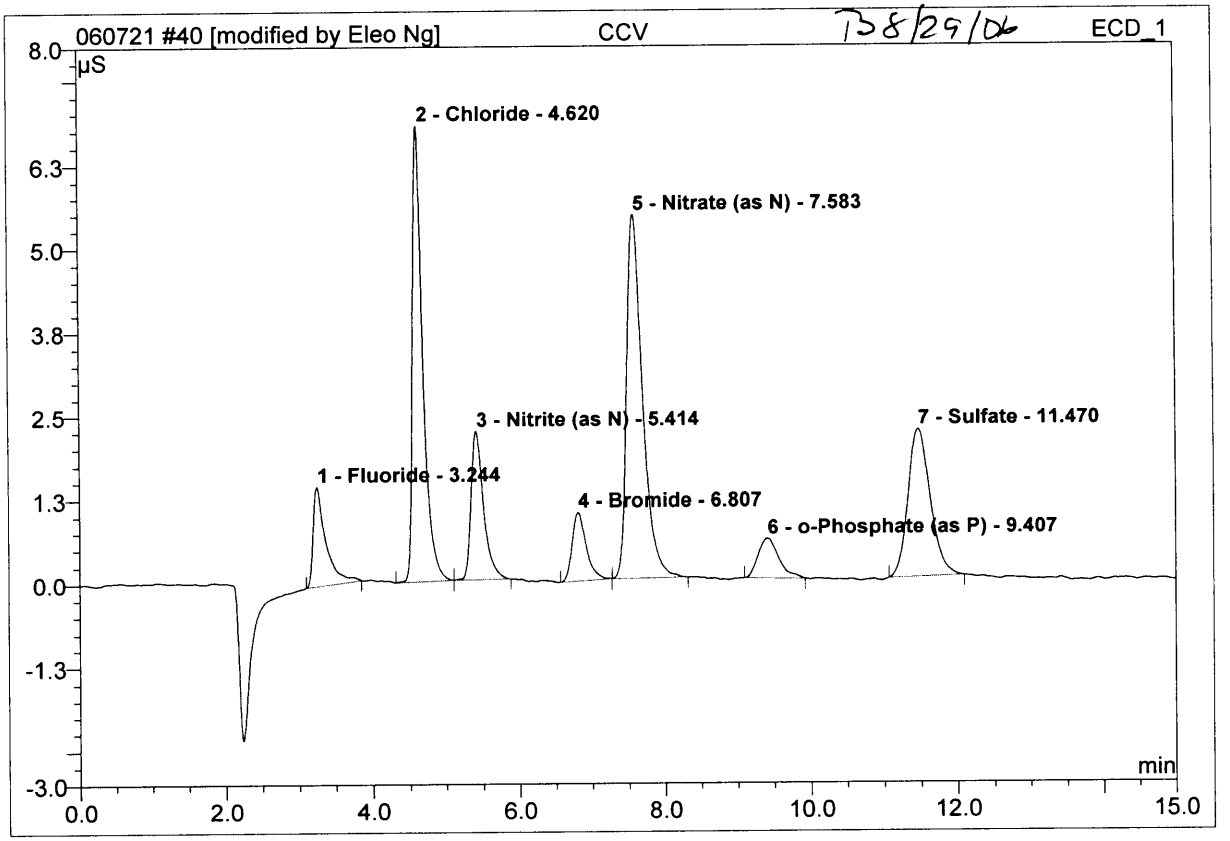
Sample Name:	**CCB**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 0:19**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
Total:			0.000	0.000	0.00	0.000	

40 CCV

Sample Name:	**CCV**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 0:37**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

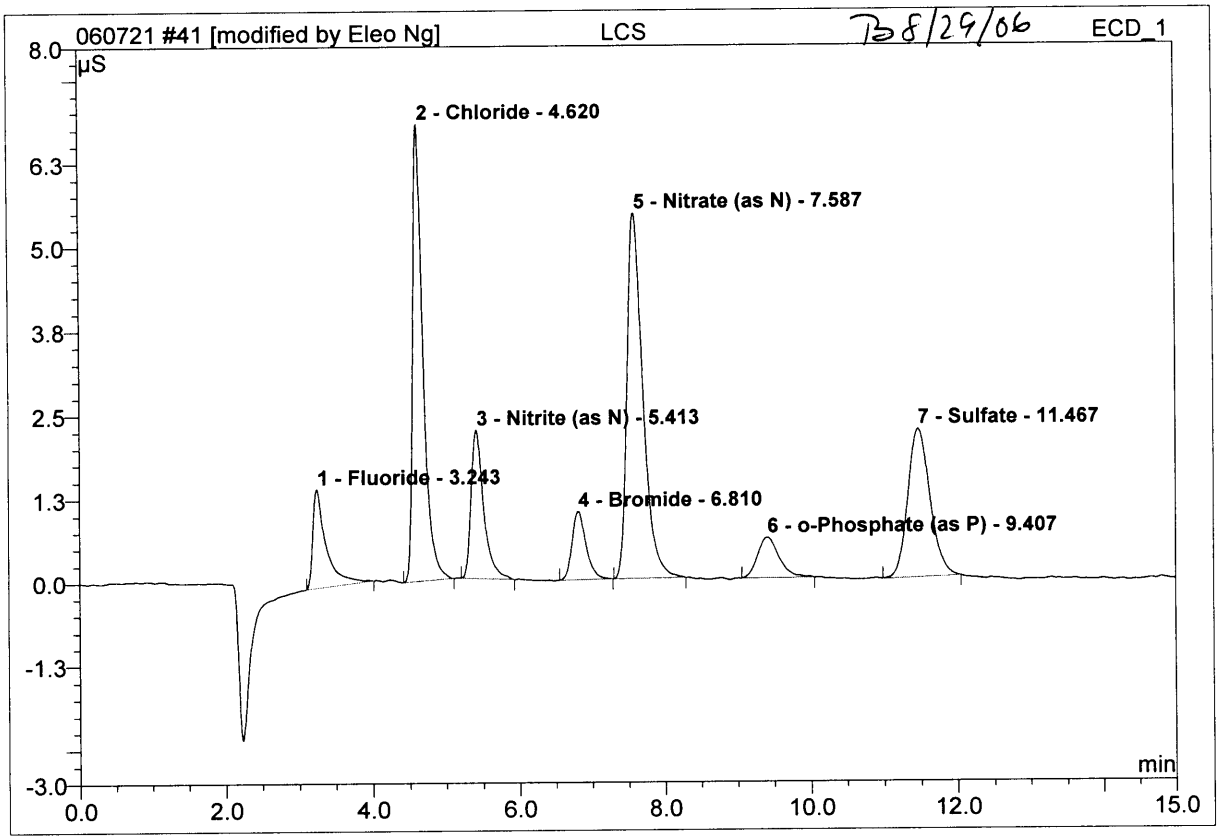


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.24	Fluoride	1.473	0.295	6.75	0.951	BMB*
2	4.62	Chloride	6.787	1.098	25.11	3.961	BMb
3	5.41	Nitrite (as N)	2.201	0.434	9.92	0.975	bMB
4	6.81	Bromide	1.016	0.225	5.15	2.068	BMB
5	7.58	Nitrate (as N)	5.418	1.368	31.28	1.932	BMB
6	9.41	o-Phosphate (as P)	0.581	0.188	4.31	0.965	BMB
7	11.47	Sulfate	2.192	0.765	17.48	4.017	BMB*
Total:			19.667	4.373	100.00	14.868	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060721

41 LCS

Sample Name:	**LCS**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 0:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

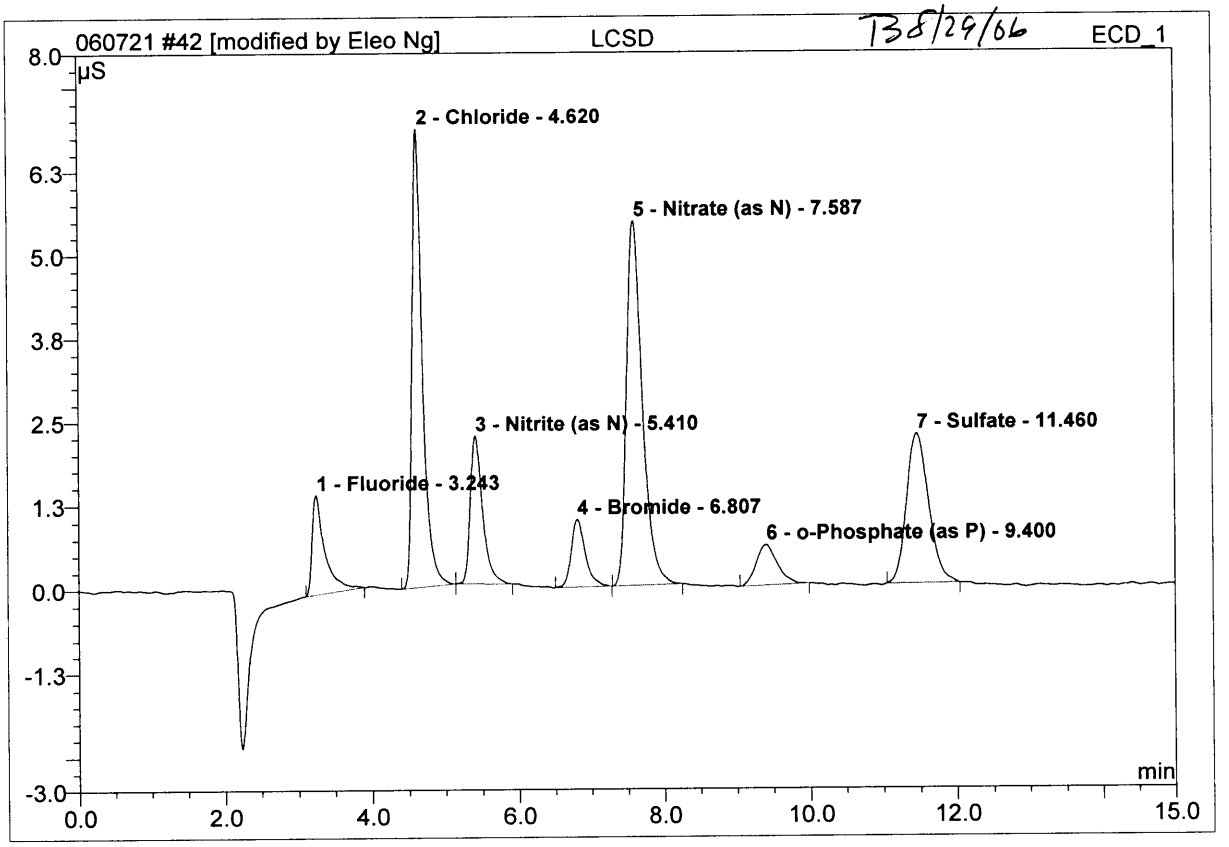


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.24	Fluoride	1.472	0.310	7.01	0.999	BMB
2	4.62	Chloride	6.802	1.099	24.84	3.965	BMB
3	5.41	Nitrite (as N)	2.211	0.440	9.94	0.988	BMB
4	6.81	Bromide	1.018	0.226	5.11	2.078	BMB
5	7.59	Nitrate (as N)	5.434	1.372	31.02	1.938	BMB
6	9.41	o-Phosphate (as P)	0.607	0.205	4.63	1.050	BMB
7	11.47	Sulfate	2.214	0.772	17.45	4.058	BMB*
Total:			19.758	4.425	100.00	15.076	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060721

42 LCSD

Sample Name:	**LCSD**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 1:12**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

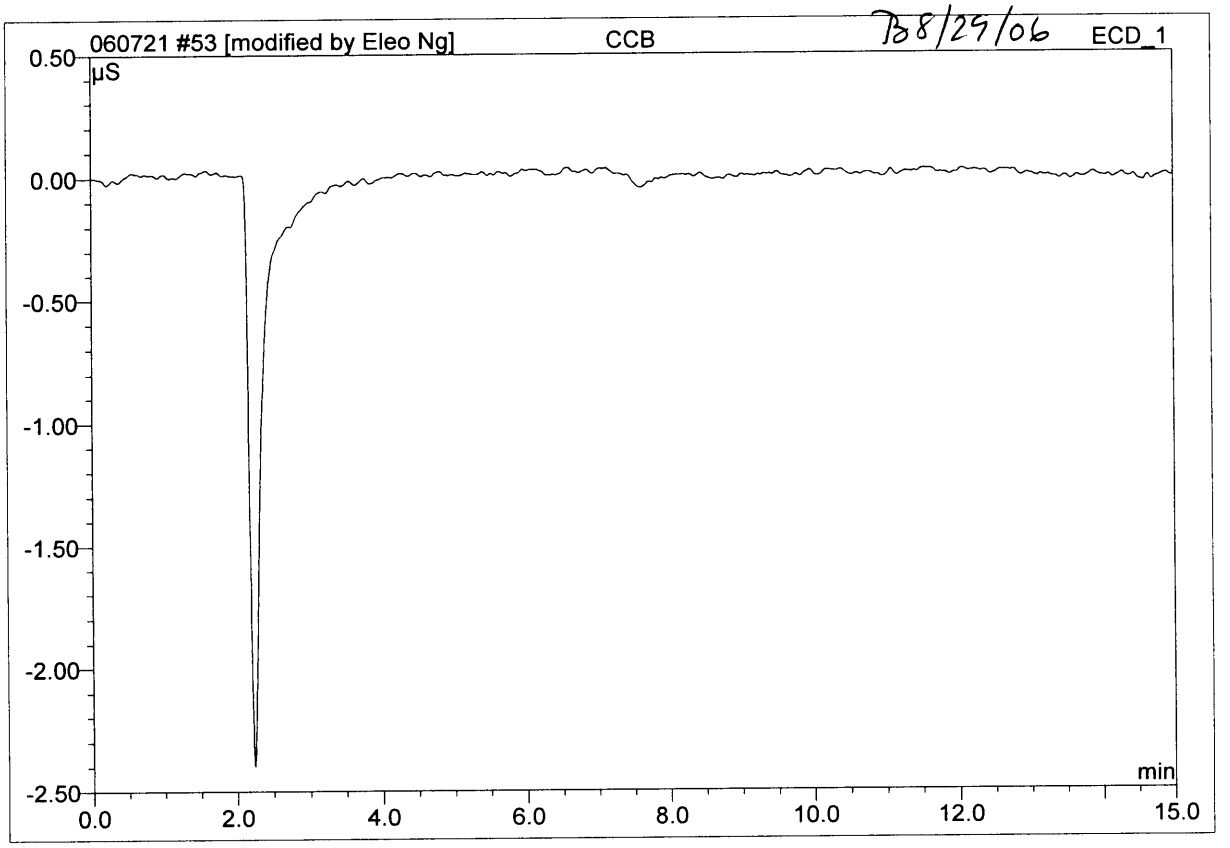


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.24	Fluoride	1.471	0.297	6.74	0.957	BMB
2	4.62	Chloride	6.839	1.109	25.15	4.000	BMb*
3	5.41	Nitrite (as N)	2.195	0.427	9.69	0.960	bMB
4	6.81	Bromide	1.002	0.225	5.11	2.069	BMB
5	7.59	Nitrate (as N)	5.444	1.372	31.14	1.938	BMB
6	9.40	o-Phosphate (as P)	0.611	0.202	4.59	1.037	BMB
7	11.46	Sulfate	2.224	0.775	17.57	4.070	BMB*
Total:			19.785	4.408	100.00	15.030	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060721

53 CCB

Sample Name:	**CCB**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 4:23**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

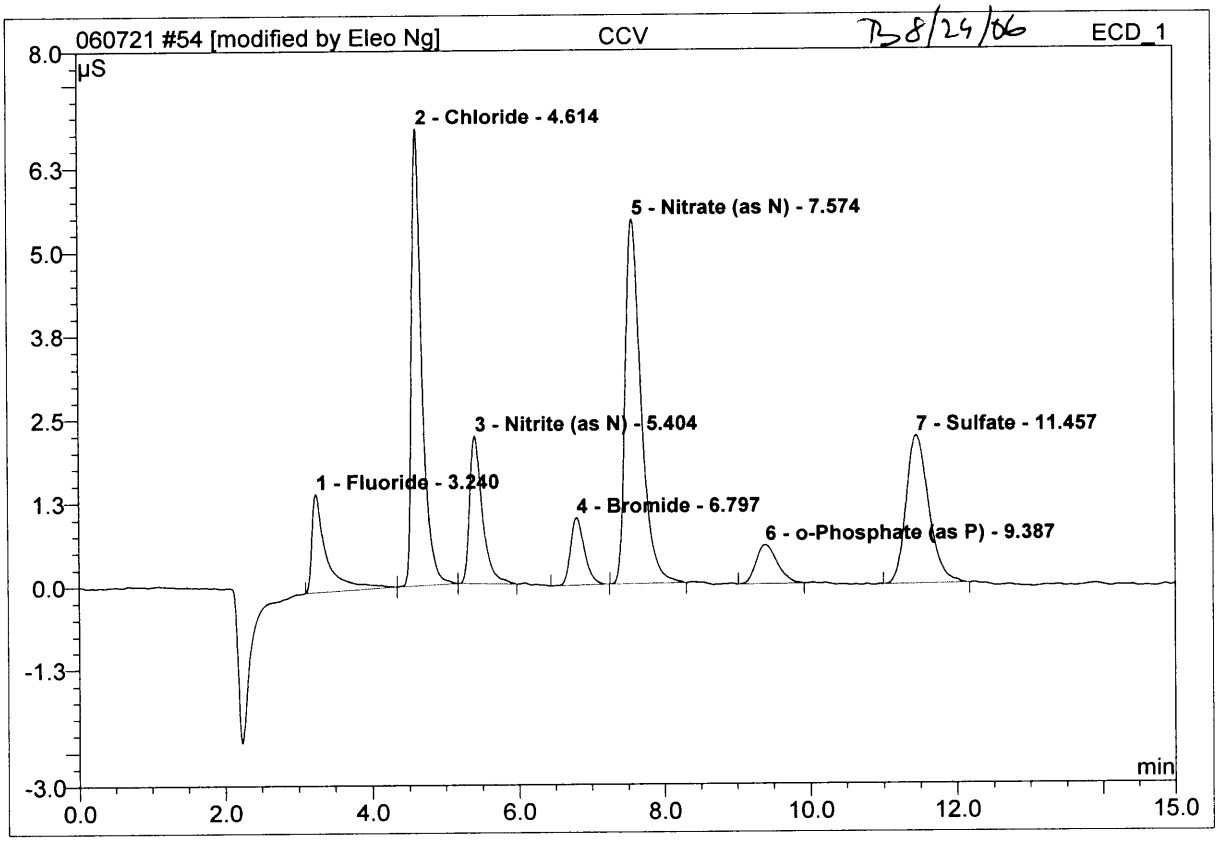


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
Total:			0.000	0.000	0.00	0.000	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060721

54 CCV

Sample Name:	**CCV**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 4:41**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

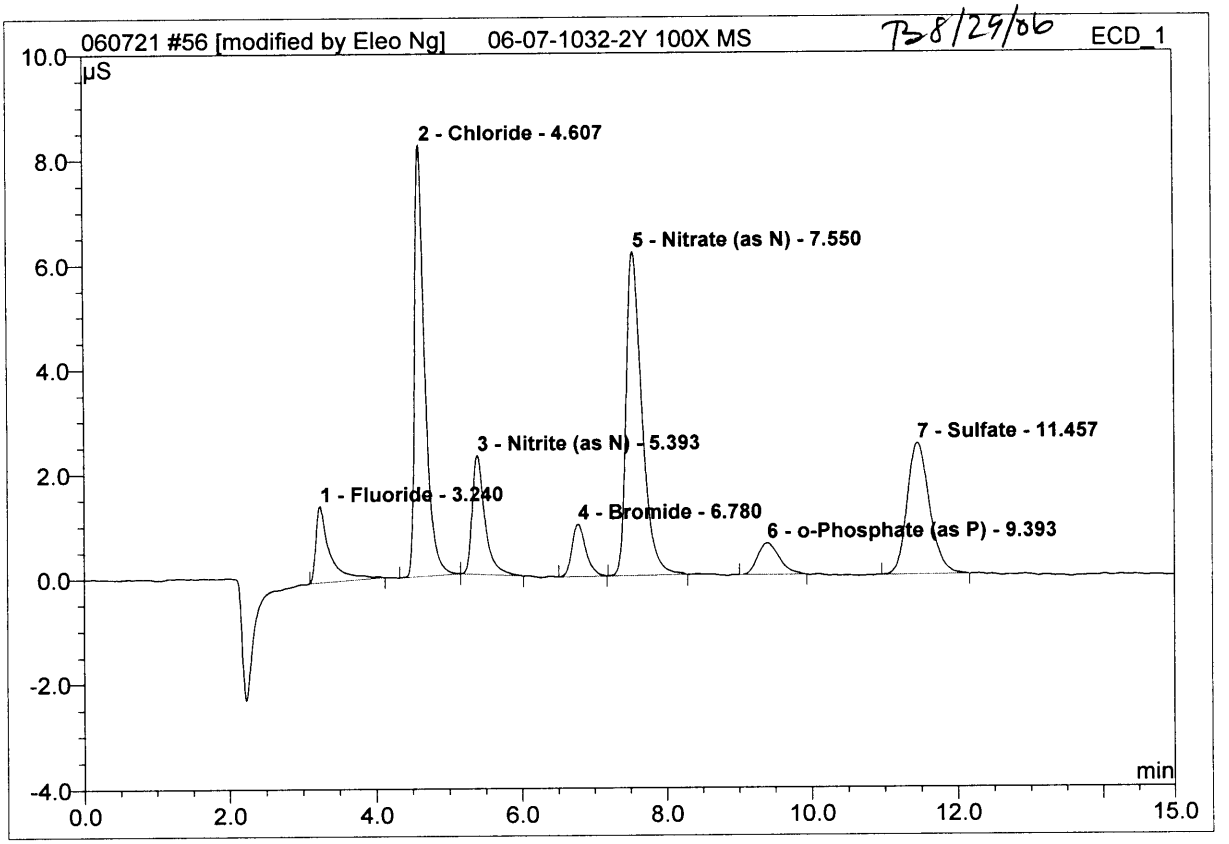


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.24	Fluoride	1.462	0.340	7.60	1.096	BMB
2	4.61	Chloride	6.819	1.107	24.72	3.994	BMb
3	5.40	Nitrite (as N)	2.206	0.445	9.93	1.000	bMB*
4	6.80	Bromide	1.006	0.222	4.96	2.041	BMB
5	7.57	Nitrate (as N)	5.444	1.381	30.84	1.950	BMB
6	9.39	o-Phosphate (as P)	0.577	0.193	4.31	0.989	BMB*
7	11.46	Sulfate	2.214	0.790	17.63	4.148	BMB
Total:			19.727	4.478	100.00	15.217	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060721

56 06-07-1032-2Y 100X MS

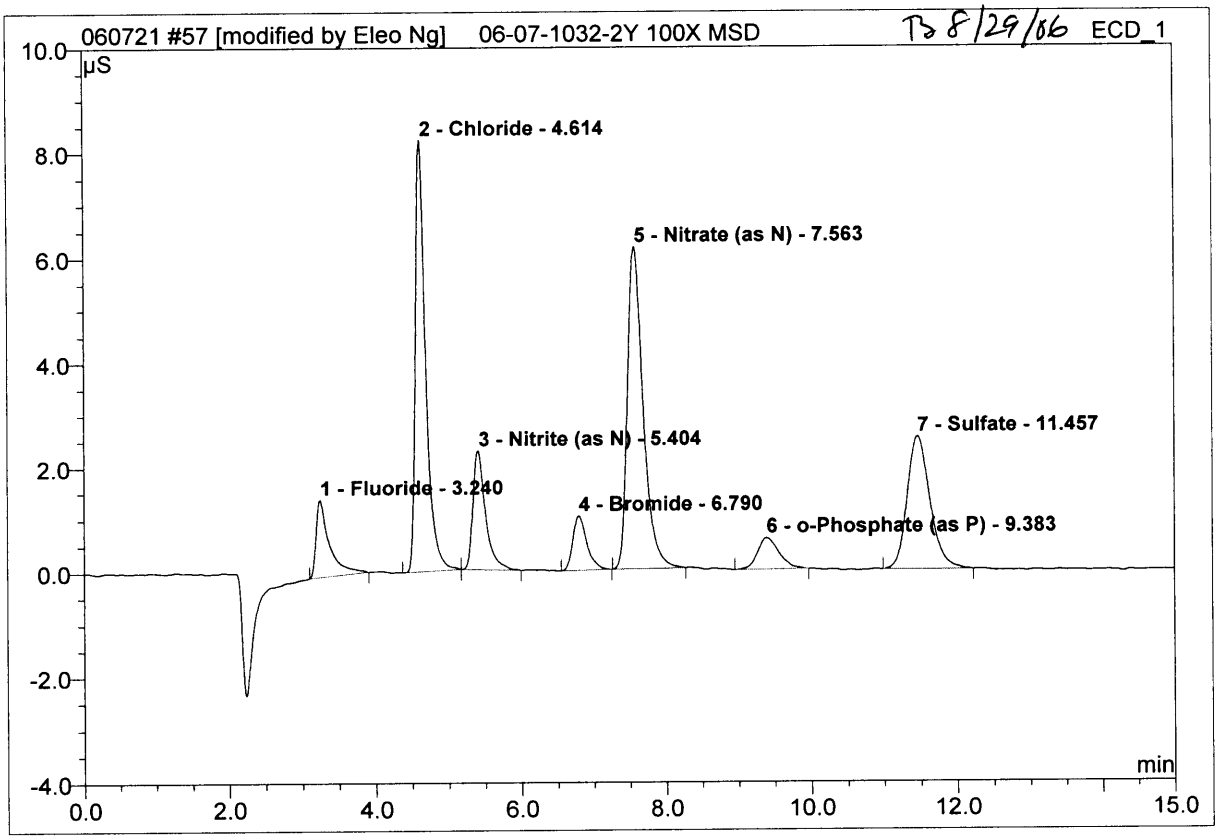
Sample Name:	**06-07-1032-2Y 100X MS**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 5:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.24	Fluoride	1.445	0.315	6.32	1.016	BMB
2	4.61	Chloride	8.233	1.328	26.63	4.789	BMb
3	5.39	Nitrite (as N)	2.267	0.457	9.17	1.027	bMB
4	6.78	Bromide	0.996	0.221	4.42	2.026	BMB
5	7.55	Nitrate (as N)	6.189	1.565	31.40	2.210	BMB
6	9.39	o-Phosphate (as P)	0.611	0.208	4.17	1.064	BMB*
7	11.46	Sulfate	2.505	0.892	17.89	4.685	BMB*
Total:			22.246	4.985	100.00	16.818	

57 06-07-1032-2Y 100X MSD

Sample Name:	**06-07-1032-2Y 100X MSD**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 5:33**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

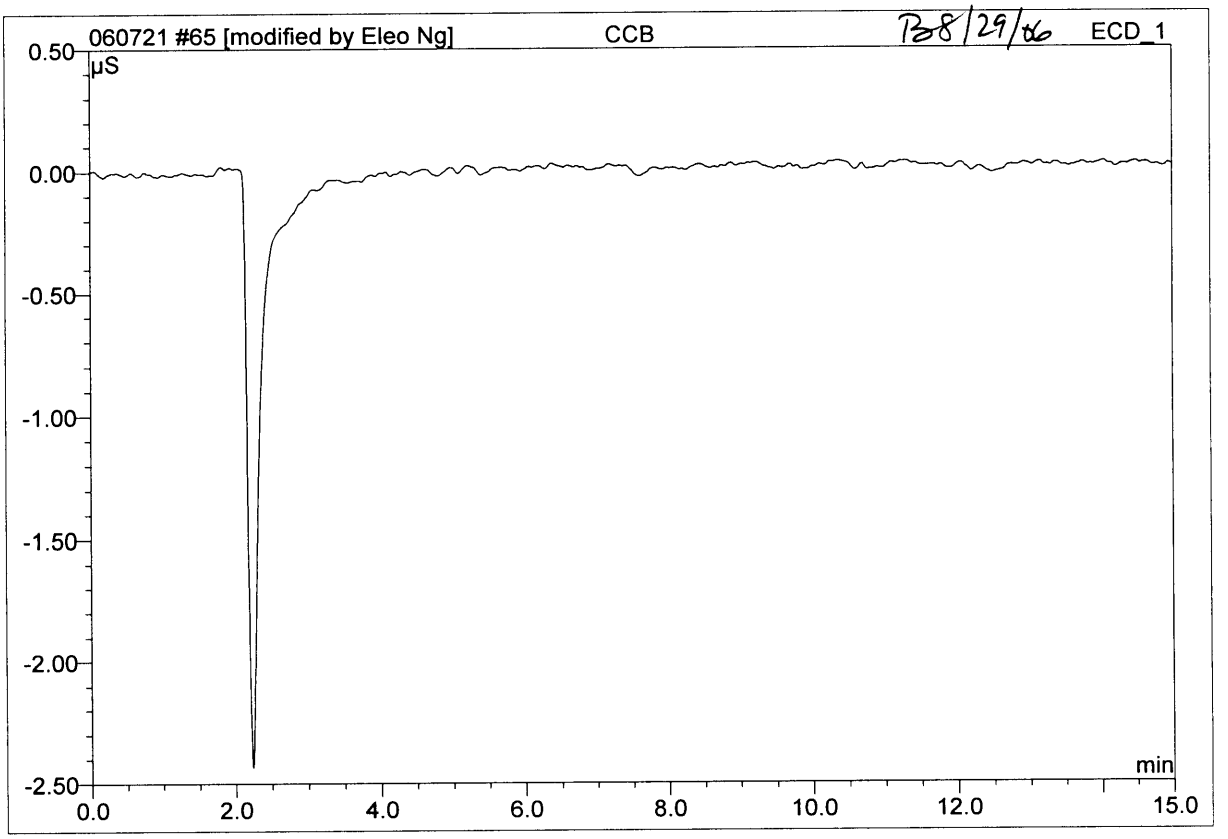


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.24	Fluoride	1.461	0.307	6.18	0.990	BMB*
2	4.61	Chloride	8.220	1.331	26.74	4.800	BMb
3	5.40	Nitrite (as N)	2.258	0.450	9.05	1.012	bMB
4	6.79	Bromide	1.023	0.229	4.59	2.099	BMB
5	7.56	Nitrate (as N)	6.144	1.547	31.09	2.184	BMB*
6	9.38	o-Phosphate (as P)	0.595	0.203	4.08	1.039	BMB
7	11.46	Sulfate	2.529	0.909	18.27	4.775	BMB
Total:			22.230	4.975	100.00	16.899	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060721

65 CCB

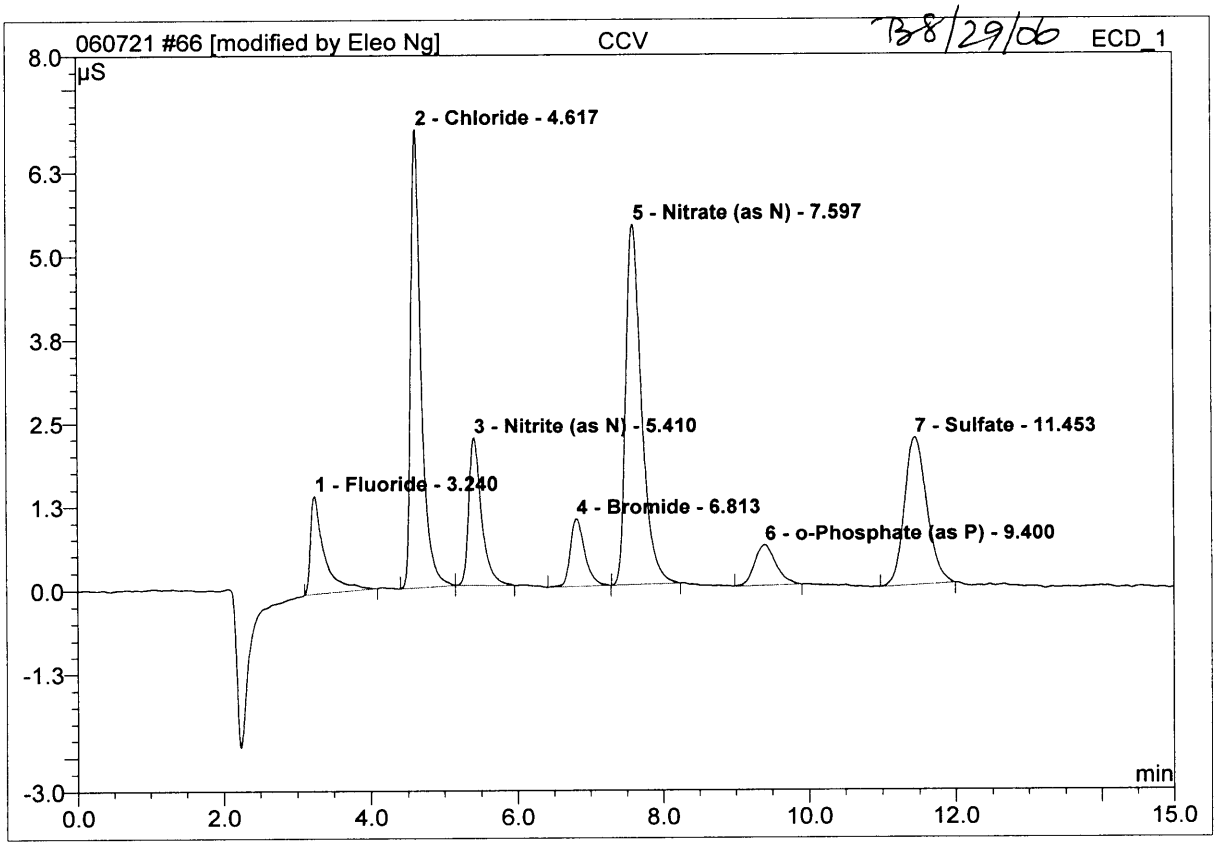
Sample Name:	**CCB**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 7:52**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
Total:			0.000	0.000	0.00	0.000	

66 CCV

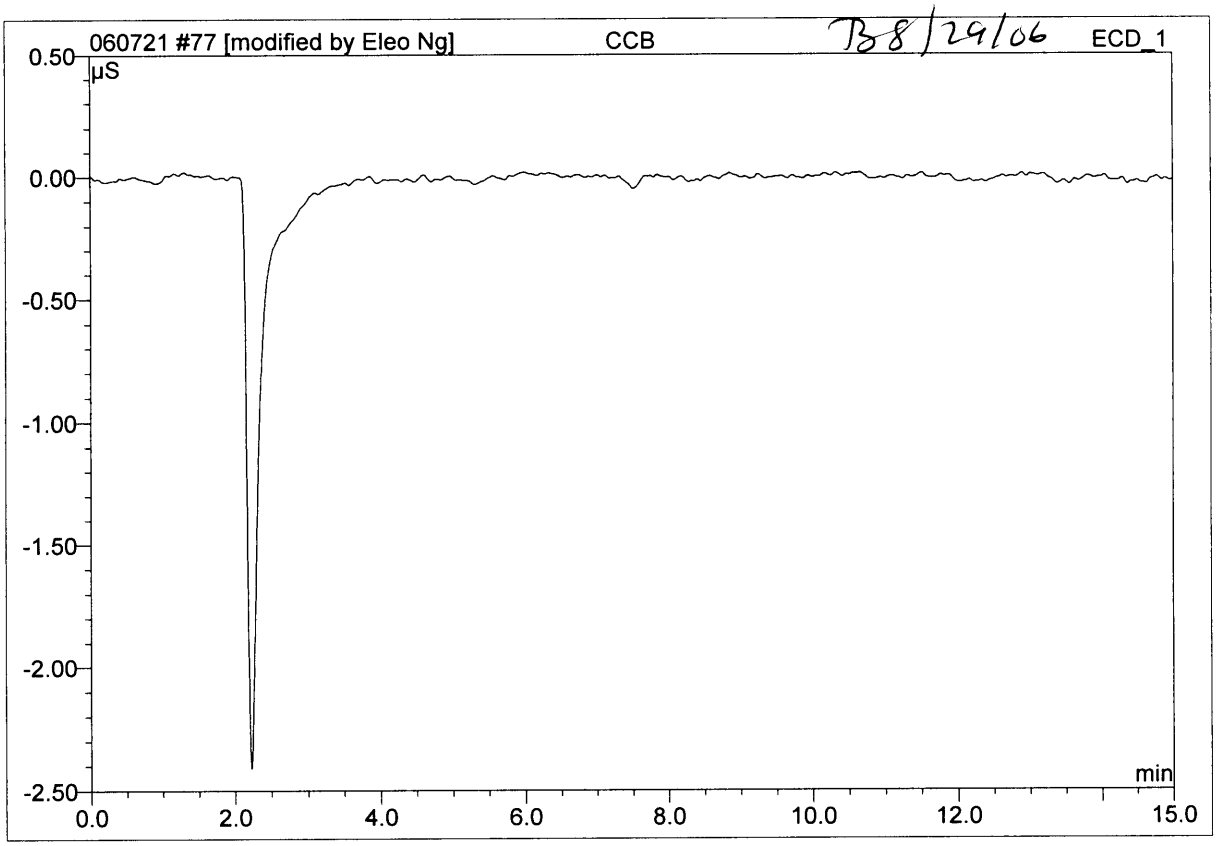
Sample Name:	**CCV**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 8:09**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.24	Fluoride	1.457	0.312	7.05	1.007	BMB
2	4.62	Chloride	6.855	1.116	25.18	4.024	BMb
3	5.41	Nitrite (as N)	2.204	0.441	9.95	0.990	bMB
4	6.81	Bromide	1.009	0.230	5.19	2.111	BMB
5	7.60	Nitrate (as N)	5.395	1.359	30.68	1.920	BMB
6	9.40	o-Phosphate (as P)	0.596	0.197	4.44	1.007	BMB
7	11.45	Sulfate	2.208	0.776	17.51	4.076	BMB
Total:			19.724	4.430	100.00	15.135	

77 CCB

Sample Name:	**CCB**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 11:21**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

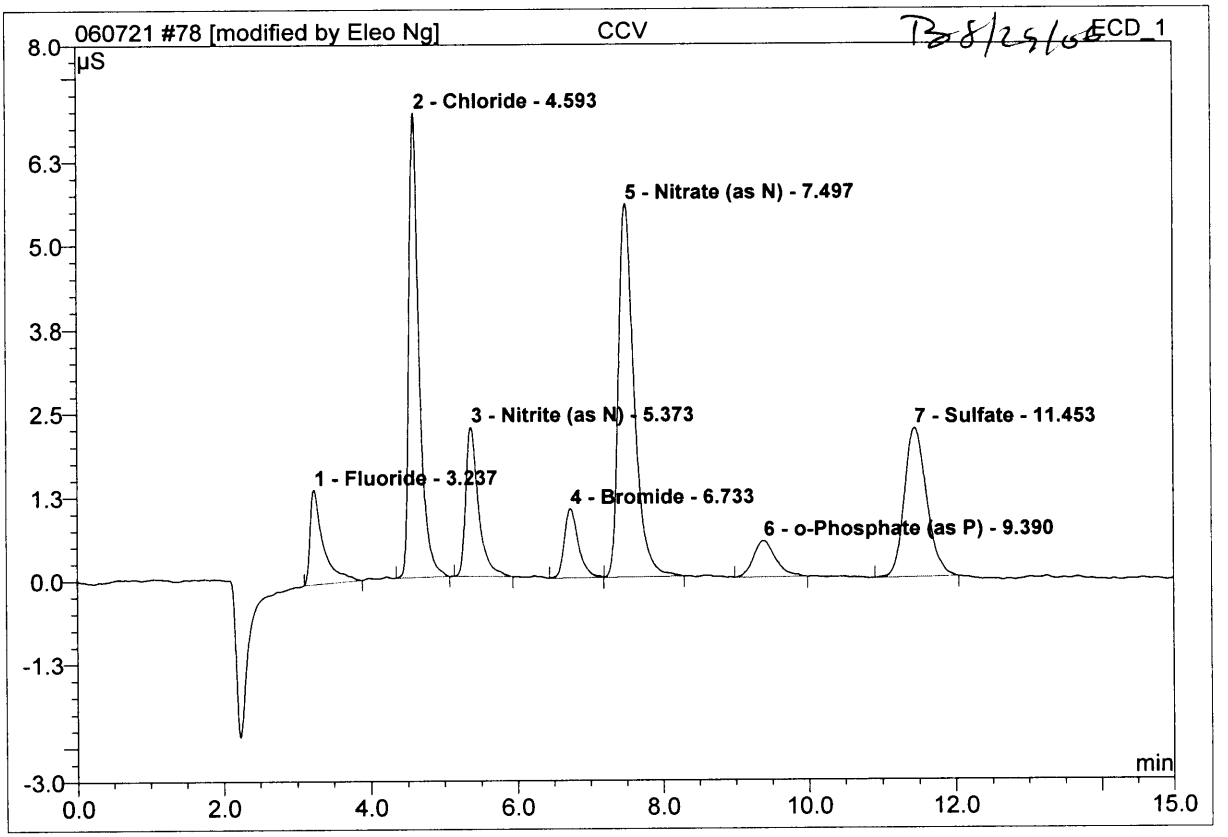


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
Total:			0.000	0.000	0.00	0.000	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060721

78 CCV

Sample Name:	**CCV**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 11:38**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

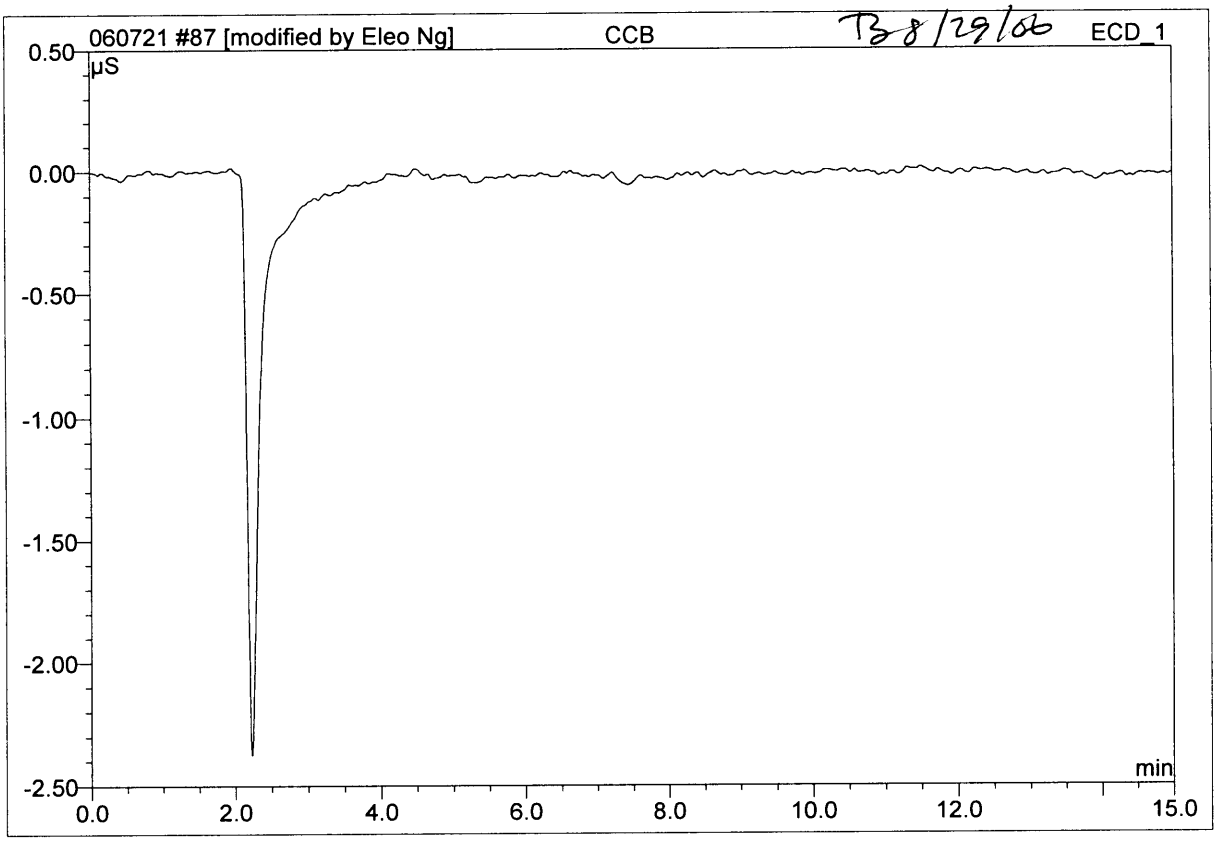


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.24	Fluoride	1.415	0.292	6.55	0.941	BMB
2	4.59	Chloride	6.932	1.113	24.97	4.015	BMB
3	5.37	Nitrite (as N)	2.232	0.449	10.08	1.010	BMB
4	6.73	Bromide	1.035	0.230	5.17	2.116	BMB
5	7.50	Nitrate (as N)	5.567	1.396	31.32	1.971	BMB
6	9.39	o-Phosphate (as P)	0.552	0.191	4.29	0.980	BMB
7	11.45	Sulfate	2.230	0.785	17.62	4.125	BMB
Total:			19.964	4.457	100.00	15.157	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060721

87 CCB

Sample Name:	**CCB**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 14:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

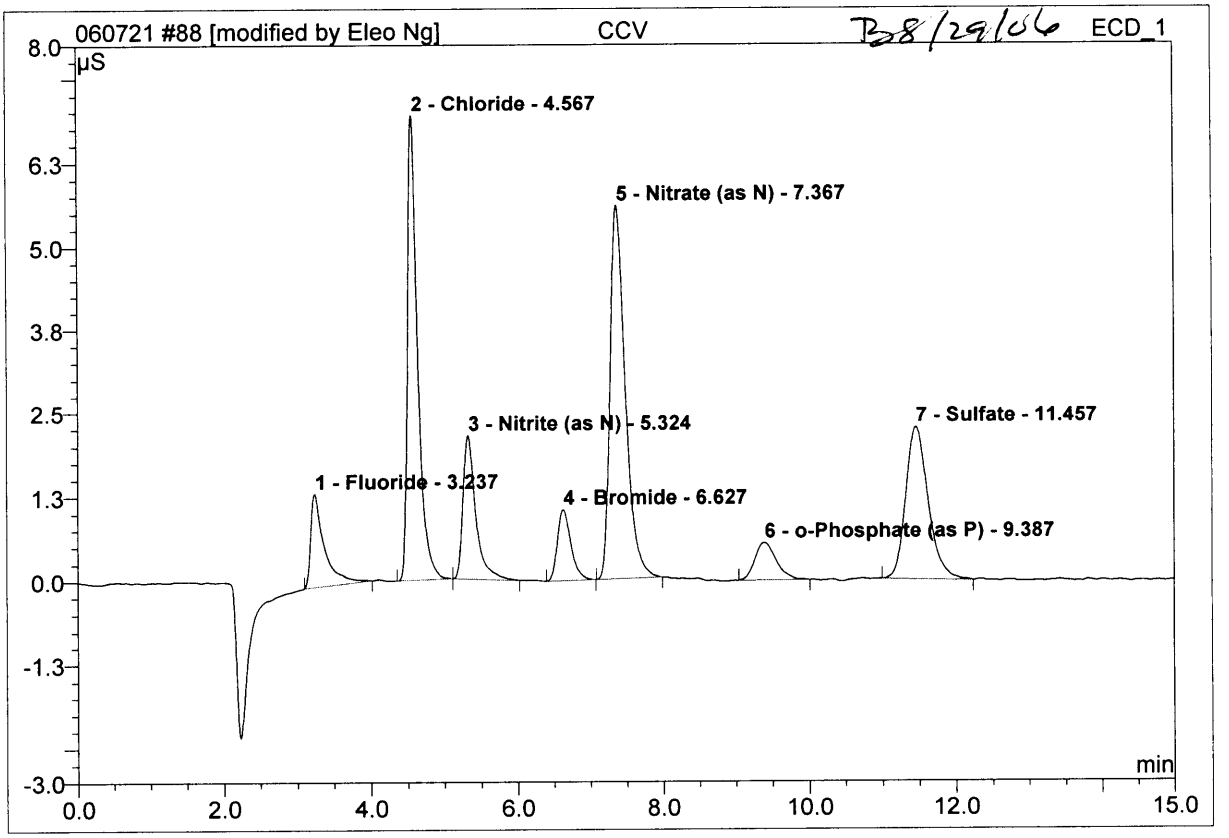


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
Total:			0.000	0.000	0.00	0.000	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060721

88 CCV

Sample Name:	**CCV**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 14:32**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

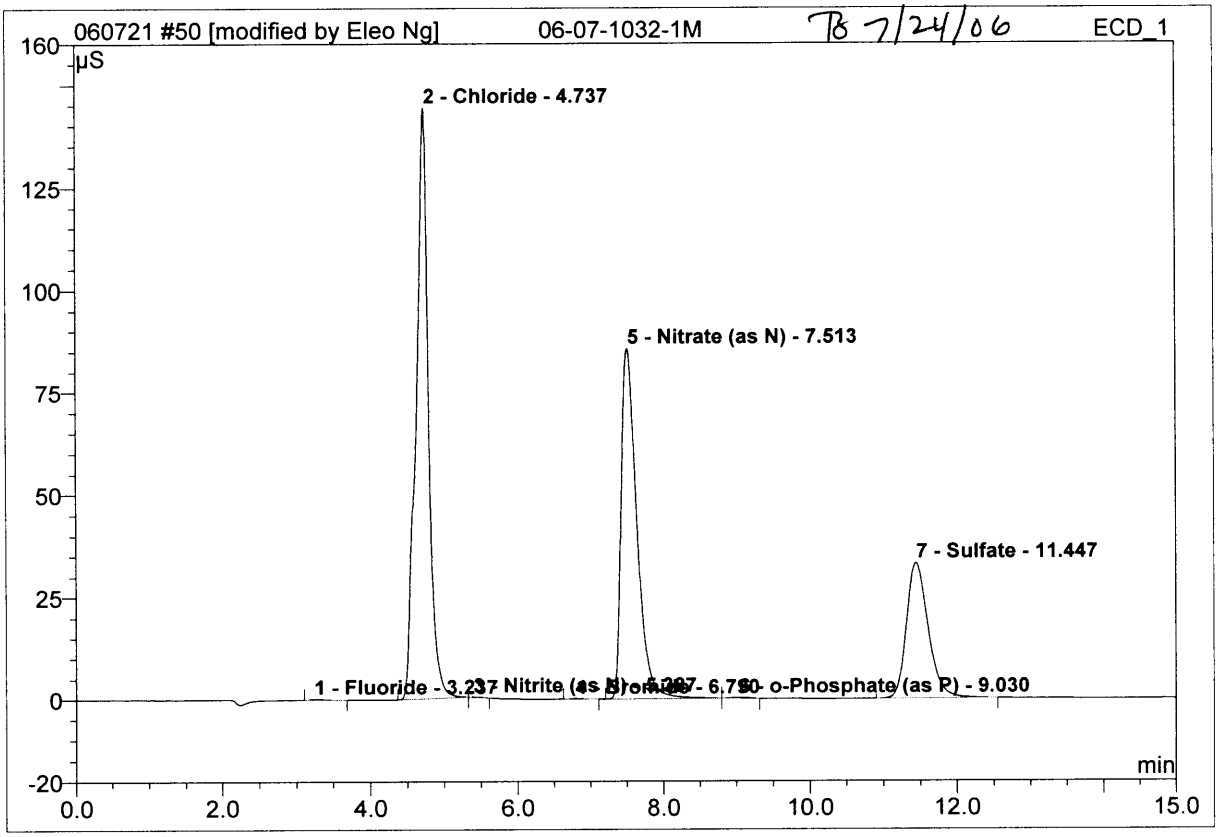


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.24	Fluoride	1.382	0.298	6.80	0.960	BMB
2	4.57	Chloride	6.932	1.100	25.12	3.969	BMb
3	5.32	Nitrite (as N)	2.122	0.427	9.76	0.960	bMB
4	6.63	Bromide	1.051	0.225	5.14	2.067	BMB
5	7.37	Nitrate (as N)	5.588	1.346	30.73	1.900	BMB
6	9.39	o-Phosphate (as P)	0.552	0.187	4.27	0.958	BMB
7	11.46	Sulfate	2.255	0.797	18.19	4.185	BMB
Total:			19.883	4.380	100.00	15.000	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060721

50 06-07-1032-1M

Sample Name:	**06-07-1032-1M**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 3:31**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.24	Fluoride	0.279	0.055	0.09	0.177	BMB
2	4.74	Chloride	144.178	27.952	45.97	100.836	BMb
3	5.39	Nitrite (as N)	0.070	0.013	0.02	0.029	bMB
4	6.79	Bromide	0.139	0.028	0.05	0.260	BMB
5	7.51	Nitrate (as N)	85.640	21.348	35.11	30.145	BMb
6	9.03	o-Phosphate (as P)	0.213	0.054	0.09	0.278	bMB
7	11.45	Sulfate	33.070	11.349	18.67	59.627	BMB*
Total:			263.590	60.800	100.00	191.352	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060721

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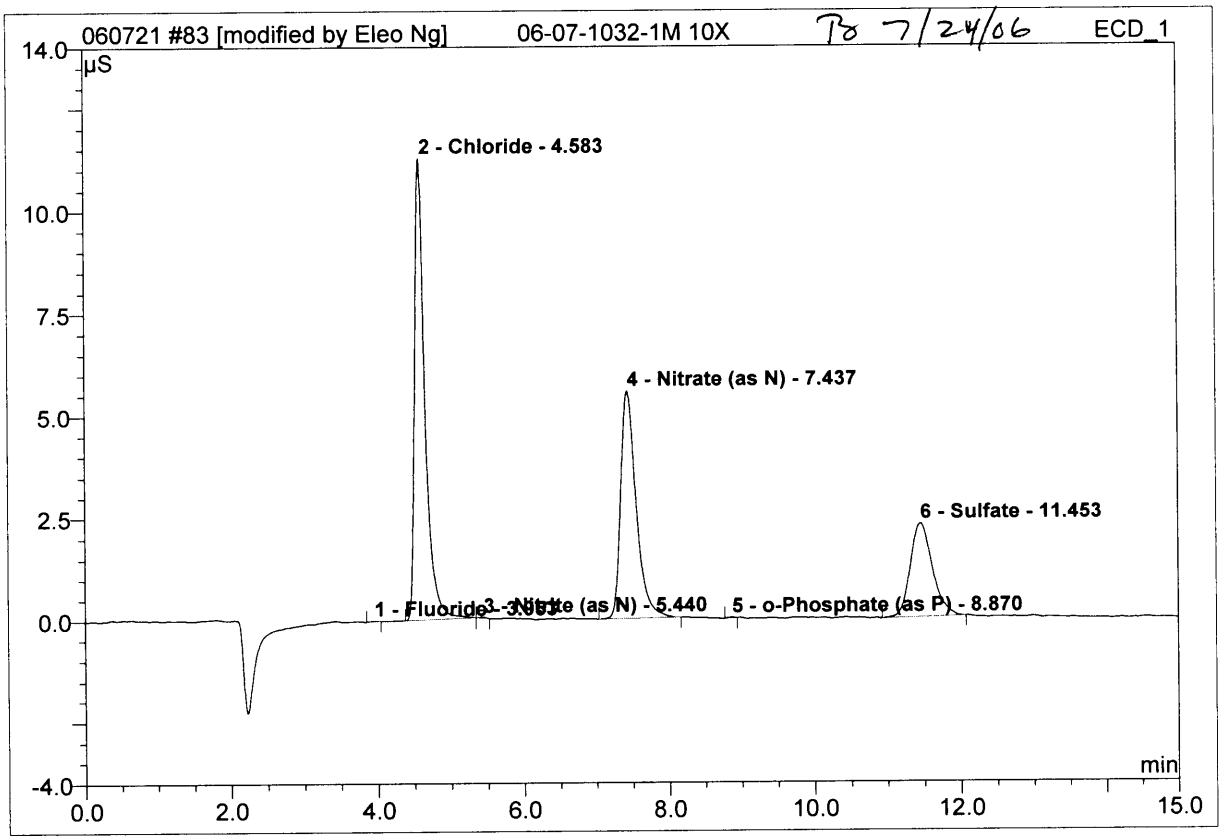
7/24/2006 10:21 AM

83 06-07-1032-1M 10X

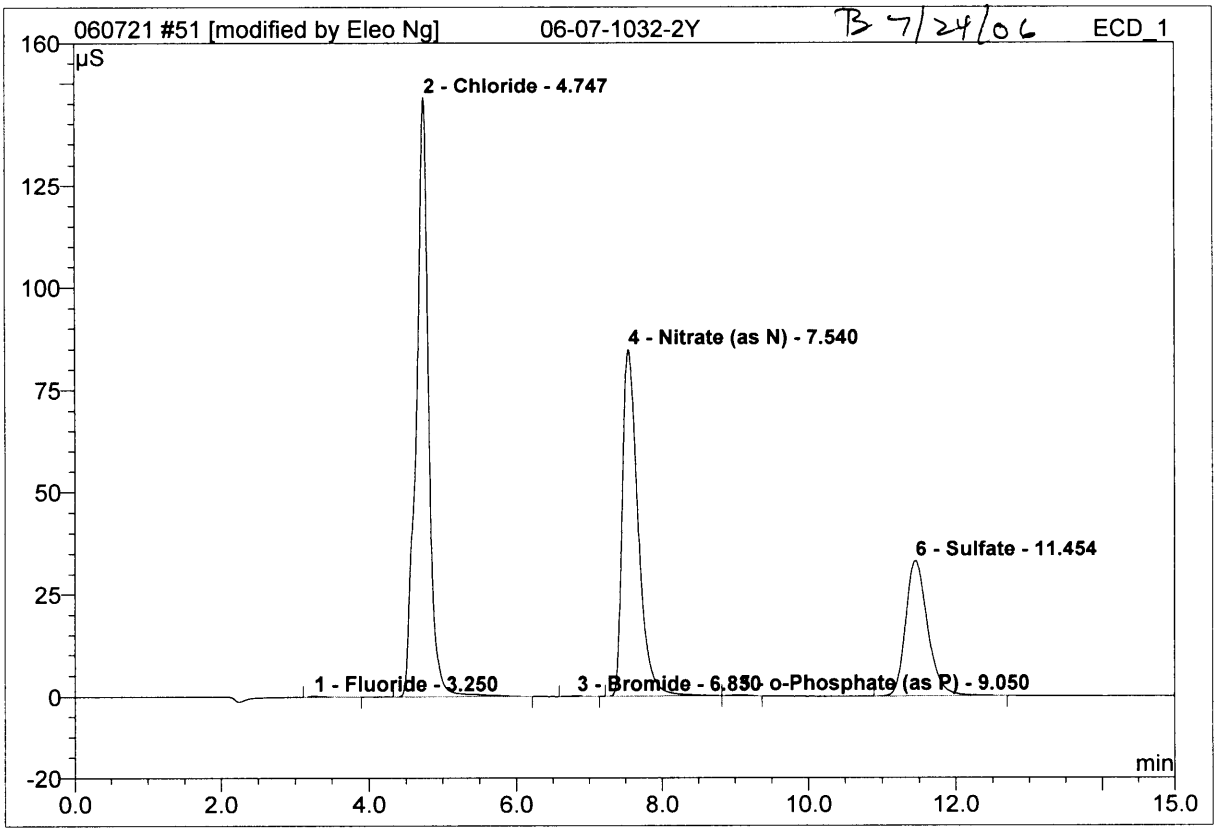
Sample Name:	**06-07-1032-1M 10X**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 13:05**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.95	Fluoride	0.016	0.002	0.04	0.006	BMB
2	4.58	Chloride	11.267	1.830	45.60	6.603	BMb
3	5.44	Nitrite (as N)	0.020	0.002	0.05	0.004	bMB
4	7.44	Nitrate (as N)	5.573	1.379	34.35	1.947	BMB
5	8.87	o-Phosphate (as P)	0.016	0.002	0.04	0.008	BMB
6	11.45	Sulfate	2.291	0.800	19.92	4.202	BMB
Total:			19.184	4.014	100.00	12.770	

51 06-07-1032-2Y

Sample Name:	**06-07-1032-2Y**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 3:48**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



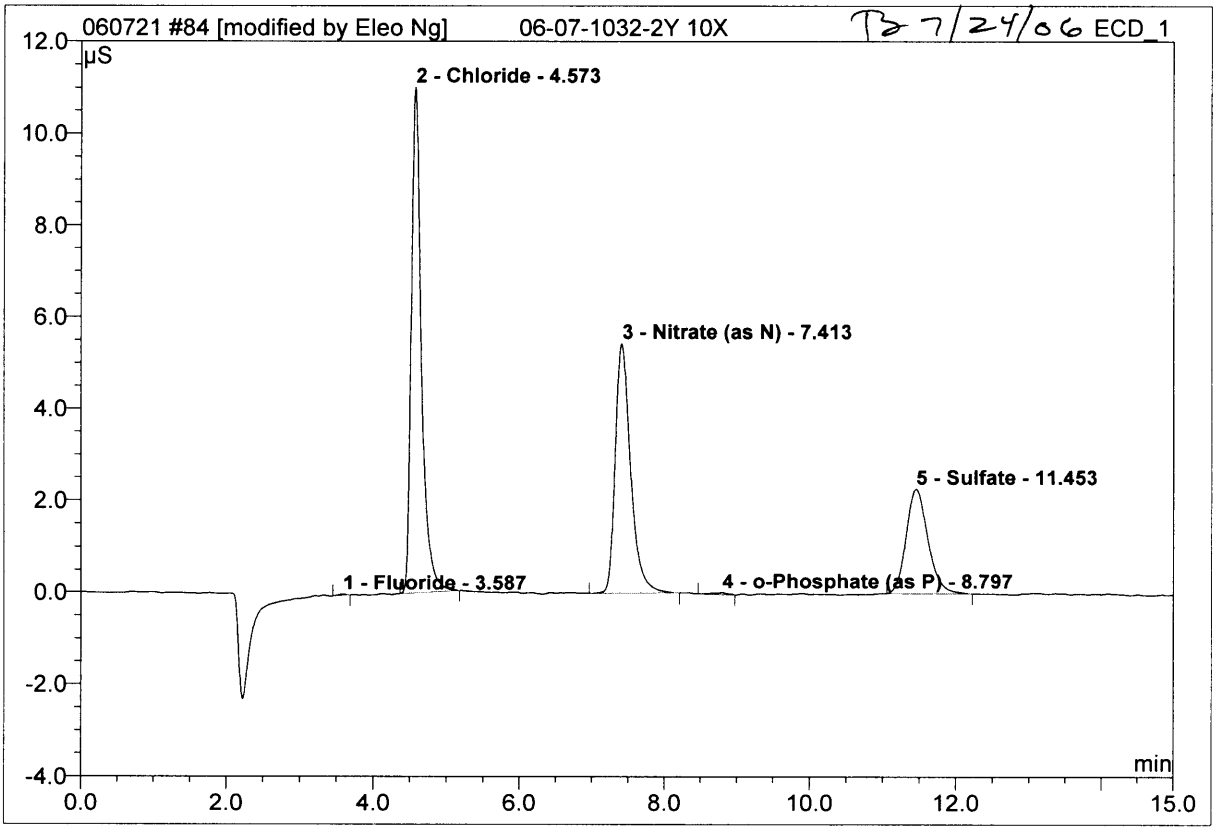
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.25	Fluoride	0.298	0.076	0.12	0.245	BMB
2	4.75	Chloride	146.445	28.506	46.50	102.836	BMB
3	6.83	Bromide	0.124	0.026	0.04	0.237	BMB
4	7.54	Nitrate (as N)	84.804	21.227	34.63	29.974	BMb
5	9.05	o-Phosphate (as P)	0.229	0.061	0.10	0.312	bMB
6	11.45	Sulfate	33.040	11.403	18.60	59.909	BMB
Total:			264.940	61.299	100.00	193.513	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060721

7/24/2006 10:21 AM

84 06-07-1032-2Y 10X

Sample Name:	**06-07-1032-2Y 10X**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 13:23**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.59	Fluoride	0.026	0.003	0.07	0.009	BMB
2	4.57	Chloride	11.026	1.765	45.10	6.365	BMB
3	7.41	Nitrate (as N)	5.442	1.345	34.37	1.899	BMB
4	8.80	o-Phosphate (as P)	0.045	0.011	0.27	0.055	BMB
5	11.45	Sulfate	2.273	0.790	20.19	4.151	BMB
Total:			18.812	3.913	100.00	12.479	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060721

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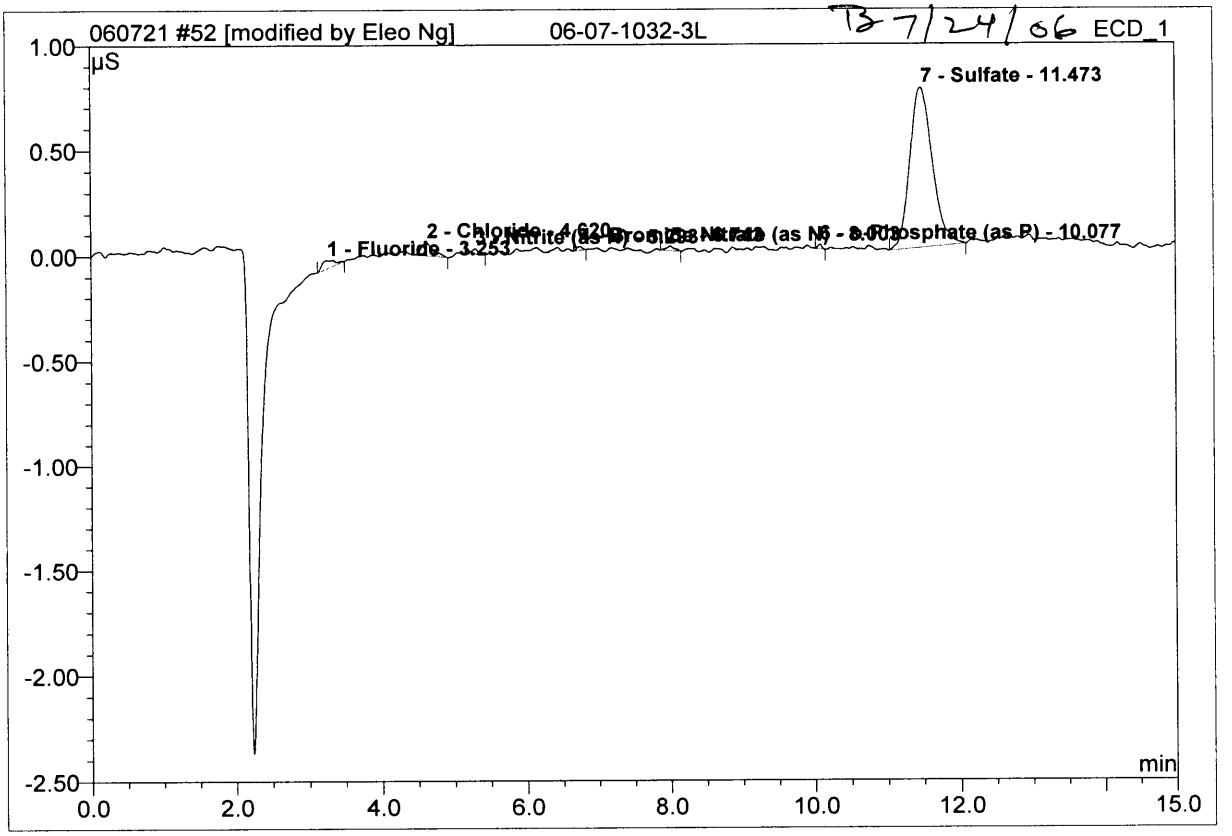
7/24/2006 10:20 AM

52 06-07-1032-3L

Sample Name:	**06-07-1032-3L**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 4:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.25	Fluoride	0.039	0.008	2.51	0.024	BMB
2	4.62	Chloride	0.065	0.012	4.10	0.044	BMB
3	5.29	Nitrite (as N)	0.025	0.003	0.86	0.006	BMB
4	6.74	Bromide	0.018	0.002	0.54	0.015	BMB
5	8.00	Nitrate (as N)	0.022	0.003	0.97	0.004	BMB
6	10.08	o-Phosphate (as P)	0.022	0.001	0.46	0.007	BMB
7	11.47	Sulfate	0.760	0.272	90.56	1.431	BMB
Total:			0.951	0.301	100.00	1.531	

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Hardness by EPA 130.2

Camp Dresser & McKee

CEL W.O. 06-07-1032

Hewitt Landfill Groundwater

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Standard Name / Code	Prep Date	Conc (N)	Date Standardized
STD-1 EDTA/ 6003-011-25	N/A	0.02	03/08/05

HARDNESS
EPA 130.2
Calscience Environmental Laboratories

Method Name/Number: EPA 130.2

Analyst: DN Date 07/22/06

Group Leader: _____ Date ___/___/___

Quality Control

Date Analyzed	Work Order Number	Conc	Conc Duplicate	RPD	Control Limit
07/22/06	06-07-1032-~~1K~~ 2N DN 07/22/06	~~487~~ 434 DN 07/22/06	~~487~~ 436 DN 07/22/06	0	0 - 25

Date Analyzed	Work Order Number	Initial W(g), V(mL)	Final Vol (mL)	VO(mL)	V1(mL)	Dilution Factor	Initial Conc mg/kg, mg/L	Final Conc mg/kg, mg/L	RL	pH <2?	Comment
07/22/06	MB	50	50	0.00	0.00	1	ND	ND	2.0	Y N	
	06-07-1032-1K	50	50	0.00	21.4	1	482	480		Y N	
	2N	50	50	0.00	21.7		434	430		Y N	
	3H	50	50	0.00	0.00		ND	ND		Y N DN 07/22/06	
	06-07-1052-1A	50	50	0.00	7.7		154	150		Y N	
	2A	50	50	0.00	4.1		82	82		Y N	
	06-07-1072-1G	50	50	0.00	20.2		404	400		Y N	
	2G	50	50	0.00	20.2		404	400		Y N	
	06-07-1073-1A	50	50	0.00	~~36.1~~ 36.1 DN 07/22/06		722	720		Y N	
	2A	50	50	0.00	11.5		230	230		Y N	
										Y N	
										Y N	
07/22/06	Duplicate 06-07-1032-2N	50	50	0.00	21.8	1	436	440	20	Y N	
07/22/06	Duplicate 06-07-1032-1K	50	50	0.00	21.4	1	482	480	20	Y N	

TITRANT STANDARDIZATION LOGBOOK

Method: EPA 130.2 Date Analyzed: 03/08/05

Titrant: EDTA Analyst: HM

A. Standardization solution

Lot Number: G003-~~11-023~~ 005-09 HM 03/05/05 Expiration Date: ~~11/06~~ N/A HM 03/8/05

Standard	CaCO3
M.W.	100.09
No. equiv.	2
eq. wt.	50.045
weight (g)	1.0 g in 1 L H2O → (1ml of HNO3 to add dissolve CaCO3)
Equiv = (g)/equiv.	0.019982 = 0.02
N_S = Equiv/liter	0.02

B. Titrant Solution

Lot Number: G003-11-023 → -024 -025 G003-12-01 Expiration Date: 11/06

N_S	0.02
V_S	50
V_T	49.36

$$N_T = \frac{N_S \cdot V_S}{V_T} = \frac{0.02 \times 50}{49.36} = 0.02025 = 0.02N$$

Comments:

Reviewed by: Date: 03/09/05

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Alkalinity by SM 2320B

Camp Dresser & McKee

CEL W.O. 06-07-1032

Hewitt Landfill Groundwater

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Standard Name / Code	Prep Date	Conc (N)	Date Standardized
STD-1 H_2SO_4 / 6003-035-19	N/A	0.02	02/17/06
H_2SO_4 / 6003-022-25	N/A	0.10	09/07/05

Alkalinity Method Number: SM2320B

Analyst: jcw Date 07 / 24 / 06

Group Leader: _____ Date ____ / ____ / ____

Quality Control

Date Analyzed	Work Order Number	Conc	Conc Duplicate	RPD	Control Limit
07/24/06	06-07-1032-2A2	290	290	0	0 - 25

Date Analyzed	Work Order Number	Initial W(g), V(mL)	Final Vol (mL)	V0(mL)	V1(mL)	Conc mg/kg, mg/L	HCO3	CO3	OH	CO2	RL	pH ~~Comment~~
07/24/06	1AB	100	100	B = 0.05 C = 0.08		0.20	ND	ND	ND		1.0	4.56
	06-07-1124-1A	50	50	0.00 2.0	2.0 29.1	29100 ~~29000~~ jcw 07/25/06	29100 ~~25000~~	4000			100	8.81
	06-07-0959-1H			0.00	34.5	690	690	ND			5.0	6.30
	06-07-0960-1G			0.00	0.10N 17.3	1730	1730				10	6.52
	06-07-0961-1G			0.00	42.3	846	846				5.0	6.59
	06-07-1002-1B			0.00	44.4	888	888					6.93
	2B			0.00	43.1	862	862					6.61
	3B			0.00	8.1	162	162					7.67
	4B			0.00	1.9	38	38				1.0	7.47
	5B			3.8	12.1	166	166				5.0	7.72
	06-07-1032-1J			12.1	26.5	288	288					7.42
	2A2			0.00	14.5	290	290					7.48
	3G	100	100	B = 0.21 C = 0.25		1.7	1.7				1.0	5.84
	DUPLICATE 2A2	50	50	14.6	29.1	290	290				5.0	7.38

Reviewed by: _____ Date ____ / ____ / ____

01/12/95 Revision

Standard Name / Code	Prep Date	Conc (N)	Date Standardized
STD-1 H2SO4/6003-035-19	N/A	0.02	02/17/06

Alkalinity Method Number: SM 2320B

Analyst: jus Date 07 / 24 / 06

Group Leader: _____ Date ____ / ____ / ____

See page 30

Quality Control

Date Analyzed	Work Order Number	Conc	Conc Duplicate	RPD	Control Limit
					0 - 25

Date Analyzed	Work Order Number	Initial W(g) V(mL)	Final Vol (mL)	V0(mL)	V1(mL)	Conc mg/kg mg/L	HCO3	CO3	OH	CO2	RL	pH ~~Comment~~
07/24/06	06-07-1092-1C	50	50	0.00	15.0	300	300	ND	ND		5.0	7.43
	2C			15.0	31.2	324	324					7.24
	06-07-1149-1H			0.00	10.1	202	202					6.98
	2H			10.1	20.5	208	208					7.00
	06-07-1096-1E			20.5	22.1	32	32				1.0	6.07
	2E			22.2	23.3	22	22				1.0	6.09
	3E			23.4	35.5	242	242				5.0	6.53
	4E			35.5	44.2	174	174				5.0	6.49

Reviewed by: _____ Date ____ / ____ / ____

01/12/95 Revision

TITRANT STANDARDIZATION LOGBOOK

Method: SM2320B/SM4500C02D Date Analyzed: 02/17/06

Titrant: ~~Nitric Acid~~ SULFURIC ACID Analyst: Halias

02/17/06

A. Standardization solution

Lot Number: 016170 ~~G002-057-21~~ Expiration Date: 02/17/07

Standard	Na2 CO3
M.W.	106.0
No. equiv.	2
eq. wt.	53
weight (g)	0.53 g in 500 ml
Equiv = (g)/equiv.	0.01
N_S = Equiv/liter	0.02

B. Titrant Solution

Lot Number: G003-035-08 Expiration Date: N/A

-09
-10
-11
-12
-13
-14
-15
-16
-17
-18
-19

N_S	0.02
V_S	50
V_T	47

$$N_T = \frac{N_S \cdot V_S}{V_T} = \frac{(0.02)(50)}{47} \sim 0.02\,N$$

Comments:

Reviewed by: Date: 02/20/06

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Fluoride by EPA 340.2

Camp Dresser & McKee

CEL W.O. 06-07-1032

Hewitt Landfill Groundwater

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Fluoride Method No.: EPA 375.2

Analyst: jas Date 07/26/06

Standard Name / Code	Prep Date	Conc(ppm)	Date Standardized	Slope (mV)
STD-1 G040506G	04/05/06	0.100		Range 54-60
STD-2 F		0.500		-56.4
E		1.00		

Laboratory Control Sample

Date Analyzed	(LCS/MB/SA) Batch Number	Conc Added	Conc REC	%REC	Control Limit
07/26/06	~~06-07-103~~ LCS jas 07/26/06	0.500	0.500	0	

Matrix Spikes and Matrix Spike Duplicates

Date Analyzed	Spiked Sample ID Number	[Sample]	[Spike] Added	[MS]	%REC	[MSD]	%REC	Control Limit	RPD	Control Limit
07/26/06	06-07-1032-2J	0.254	1.00	1.25	100	1.24	99	70 - 130	1	0 - 20

Date Analyzed	Work Order Number	Initial W(g)/V(mL)	Final Vol(mL)	Dilution Factor	Reading	Initial Conc(ppm)	Final Conc(ppm)	Reporting Limit(ppm)	pH	Comment
07/26/06	Method Blank	25	+25	1	0.00	ND	ND	0.10		
	CCV				0.503	0.503	0.503			RPD = 1
	LCS				0.500	0.500	0.500			= 0
	LCSD				0.501	0.501	0.501			= 0
	06-07-1032-1J				0.257	0.257	0.26	0.10	5.38	
	2J				0.254	0.254	0.25		5.38	
	3C				0.00	ND	ND		5.38	
	06-07-1032-1D				0.257	0.257	0.26		5.38	
	2D				0.257	0.257	0.26		5.38	
	CCV				0.506	0.506	0.506			RPD = 1

Reviewed by: _____ Date _____ / _____ / _____

Fluoride.log2.xls Revision 02/09/06

STANDARDS PREPARATION LOGBOOK

DATE	NEW STD. ID	FOR METHOD	SOURCE STANDARD(S) OR MIXTURE(S)	SOURCE STD. ID	INITIAL AMOUNT	INITIAL CONC.	FINAL VOLUME	FINAL CONC.	SOLVENT NAME	SOLVENT LOT#	PREP. BY	EXPIR. DATE
04/03/06	G040306 J	PO4	CCV	G040306i	20 ml	10ppm	500 ml	0.40ppm	H2O	N/A	SAS	04/08/06
	K		1000PPM PO4-LCS	G040306B	1.0 ml	1000ppm		10ppm				
	L			G040306K	20 ml	10ppm		0.40ppm				
	M				40 ml			0.80ppm				
04/04/06	G040406A	NH3	CCV 1000ppm NH4CL	G003-019-03	3.8730g	solid	1L	1000ppm	H2O	N/A	SEB	04/04/07
	B		LCS NH4CL	G003-015-07	3.8911g	solid						
04/04/06	G040406C	NH3-TSS	10ppm	G040406A	1.0ml	1000	100ml	10ppm	H2O	N/A	SEB	04/04/06
	D		100	G040406B	10ml	1000		100				
	E		10	G040406D		100		10				
	F		1.0	G040406E		10		1.0				
	G		0.10	G040406F		1.0		0.10				
04/05/06	G040506A	F-	NaF-	G002-086-24	0.22223g	SOLID	1L	100PPM	H2O	N/A	jas	10/05/06
	B		NaF-	G002-086-22	0.2218Sg	SOLID	1L	100PPM				
	C			G040506A	10 ml	100PPM	100ml	10 PPM				
	D				5.0 ml			5PPM				
	E				1.0 ml			1.0PPM				
	F			G040506C	5.0ml	10 PPM		0.50PPM				
	G				1.0ml	10PPM		0.10PPM				
	H			G040506B	100 ml	100PPM	1L	10PPM				
	i				10 ml	100PPM	1L	1.0PPM				
	J				5.0 ml		100 ml	5.0PPM				
	K				5.0ml			5.0PPM				
	L			G040506H	5.0ml	10PPM		0.50PPM				
	M				5.0 ml	10PPM		0.50PPM				
	N	TUR	Formazin	G003-007-14	2.5mL	4000NTU	100mL	100NTU	H2O	N/A	HL	04/05/06

Reviewed by: _____ on 04 / 14 / 06

09/05/95 Revision

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Laboratories, Inc.

Total Organic Carbon by EPA 415.1

Camp Dresser & McKee

CEL W.O. 06-07-1032

Hewitt Landfill Groundwater

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

INSTRUMENT LOGBOOK

Calscience Environmental Laboratories, Inc.

Date Loaded	Pos	Directory	Data File	CEL ID #	Mtx	Amount Loaded	pH <2	Lot # IS/SS	Lot # Cal. Std.	By	Comments
07/20/06	42	06 07 20G	06 07 20G084	06 07-1017-4F	W	5 ml	NA	NA	NA	[illegible]	
	43		086	06 07-0904-1A500X							
	44		088	-2A100X							
	45		090	-2A200X							
	46		092	-2A500X							
	47		094	CCB							
	48		096	CCV					GOTBUP		
07/21/06	1	06 07 21F	06 07 21F 001	D. I. WATER	W	25 ml	NA	NA	NA	[illegible]	
	2		002								
	3		003								
	4		004								
	5		005								
	6		006								
	7		007								
	8		008								
	9		009								
	10		010								
	11		011	REAGENT BLANK		0					
			012								
			013								
			014								

INSTRUMENT LOGBOOK

Calscience Environmental Laboratories, Inc.

Date Loaded	Pos	Directory	Data File	CEL ID #	Mtx	Amount Loaded	pH <2	Lot # IS/SS	Lot # Cal. Std.	By	Comments
07/21/06	11	060721F	060721F015	REAGENT BLANK	W	0	NA	NA	NA	EAN	
			016								
			017								
			018								
			019								
			020								
07/21/06	1	060721A	060721A012	METHOD BLANK1	W	5 ml	NA	NA	NA	EAN	
	2		004	METHOD BLANK2							
	3		006	CCB							
	4		008	CCV					G070306A		
	5		010	LCS					G070306Q		
	6		012	LCSD							
	7		014	06-07-0984-5D5X					NA		DOC
	8		016	06-07-0989-1I							
	9		018	-1IMS					G070306Q		
	10		020	-1IMSD							
	11		022	-2I					NA		
	12		024	06-07-1092 3E							
	13		026	-3E5X							
	14		028	-4E							
	15		030	-8E							

Reviewed by [signature] Date 07/28/06

INSTRUMENT LOGBOOK

Calscience Environmental Laboratories, Inc.

Date Loaded	Pos	Directory	Data File	CEL ID #	Mtx	Amount Loaded	pH <2	Lot # IS/SS	Lot # Cal. Std.	By	Comments
07/31/06	16	060724A	060724A032	CCB	W	5 ml	NA	NA	NA	[illegible]	
	17		034	CCV					G070306P		
	18		036	METHOD BLANK					NA		
	19		038	CCB							
	20		040	CCV					G070306P		
	21		042	LCS					G070306G		
	22		044	LCSD							
	23		046	06-07-0989-15							
	24		048	-2F							
	25		050	06-07-1072-5F							
	26		052	-2F							
	27		054	06-07-1032-1A							
	28		056	-2A							
	29		058	-2RMS					G070306G		
	30		060	-2RMSD							
	31		062	-3A					NA		
	32		064	06-07-1072-1E							
	33		066	-2E							
	34		068	06-07-1084-1G							
	35		070	-2G							
	36		072	-3G							

Reviewed by [illegible] Date 07/28/06

INSTRUMENT LOGBOOK

Calscience Environmental Laboratories, Inc.

Date Loaded	Pos	Directory	Data File	CEL ID #	Mtx	Amount Loaded	pH <2	Lot # IS/SS	Lot # Cal. Std.	By	Comments
07/24/06	37	06072 1A	06072 1A 074	06-07-1089-7G	W	5 ml	NA	NA	NA	EAN	
	38		076	06-07-0959-1M25X							
	39		078	06-07-0960-1L25X							
	40		080	06-07-0961-1M10X							
	41		082	06-07-0904-1A20X							
	42		084	-2A50X							
	43		086	CCB							
	44		088	CCV					GN70B0LP		
07/24/06	1	06072 4F	06072 4F 001	D.I. WATER	W	25 ml	NA	NA	NA	EAN	
	2		002								
	3		003								
	4		004								
	5		005								
	6		006								
	7		007								
	8		008								
	9		009								
	10		010								
	11		011	REAGENT BLANK		0					
			012								
			013								

Reviewed by [signature] Date 07/28/06

ChromLog, 07/17/98 Revision

TUC 2

Pos/ Vial	Run Type	Rep #	Run Date	Run Time	Data Filename	TIC Area (cts)	TIC Mass (ugC)	TIC Conc (ppm)	TOC Area (cts)	TOC Mass (ugC)	TOC Conc (ppm)	TC Area (cts)	TC Mass (ugC)	TC Conc (ppm)	
1	Spl	1	21Jul2006	20:09	0721H001	-	-	-	1034	1.073	0.2145	-	-	-	
1	Spl	2	21Jul2006	20:18	0721H002	-	-	-	1173	1.241	0.2483				METHOD BLANK 1
1	Spl	Avg	-	-	-	-	-	-	1103	1.157	0.2314				
1	Spl	SDev	-	-	-	-	-	-	98.29	-	-	-	-	-	
1	Spl	%RSD	-	-	-	-	-	-	8.91	-	-	-	-	-	
2	Spl	1	21Jul2006	20:28	0721H003	-	-	-	1004	1.036	0.2073	-	-	-	
2	Spl	2	21Jul2006	20:37	0721H004	-	-	-	877	0.882	0.1764				METHOD BLANK 2
2	Spl	Avg	-	-	-	-	-	-	940	0.959	0.1918	-	-	-	
2	Spl	SDev	-	-	-	-	-	-	89.80	-	-	-	-	-	
2	Spl	%RSD	-	-	-	-	-	-	9.55	-	-	-	-	-	
3	Spl	1	21Jul2006	20:47	0721H005	-	-	-	784	0.769	0.1539	-	-	-	
3	Spl	2	21Jul2006	20:57	0721H006	-	-	-	765	0.746	0.1493		CCB		
3	Spl	Avg	-	-	-	-	-	-	774	0.758	0.1516	-	-	-	
3	Spl	SDev	-	-	-	-	-	-	13.44	-	-	-	-	-	
3	Spl	%RSD	-	-	-	-	-	-	1.73	-	-	-	-	-	
4	Spl	1	21Jul2006	21:06	0721H007	-	-	-	20322	24.478	4.8955	-	-	-	
4	Spl	2	21Jul2006	21:16	0721H008	-	-	-	20530	24.730	4.9460		CCV		
4	Spl	Avg	-	-	-	-	-	-	20426	24.604	4.9208	-	-	-	
4	Spl	SDev	-	-	-	-	-	-	147.08	-	-	-	-	-	
4	Spl	%RSD	-	-	-	-	-	-	0.72	-	-	-	-	-	
5	Spl	1	21Jul2006	21:25	0721H009	-	-	-	20280	24.427	4.8853	-	-	-	
5	Spl	2	21Jul2006	21:35	0721H010	-	-	-	20540	24.742	4.9484		LCS		
5	Spl	Avg	-	-	-	-	-	-	20410	24.584	4.9169	-	-	-	
5	Spl	SDev	-	-	-	-	-	-	183.85	-	-	-	-	-	
5	Spl	%RSD	-	-	-	-	-	-	0.90	-	-	-	-	-	
6	Spl	1	21Jul2006	21:44	0721H011	-	-	-	20469	24.656	4.9312	-	-	-	
6	Spl	2	21Jul2006	21:54	0721H012	-	-	-	20482	24.672	4.9344		LCSD		
6	Spl	Avg	-	-	-	-	-	-	20475	24.664	4.9328	-	-	-	
6	Spl	SDev	-	-	-	-	-	-	9.19	-	-	-	-	-	
6	Spl	%RSD	-	-	-	-	-	-	0.04	-	-	-	-	-	
7	Spl	1	21Jul2006	22:04	0721H013	-	-	-	20613	24.831	4.9662	-	-	-	
7	Spl	2	21Jul2006	22:13	0721H014	-	-	-	20945	25.234	5.0467		06-07-0984SD SX		
7	Spl	Avg	-	-	-	-	-	-	20779	25.032	5.0064	-	-	-	
7	Spl	SDev	-	-	-	-	-	-	234.76	-	-	-	-	-	
7	Spl	%RSD	-	-	-	-	-	-	1.13	-	-	-	-	-	
8	Spl	1	21Jul2006	22:23	0721H015	-	-	-	8280	9.865	1.9731	-	-	-	
8	Spl	2	21Jul2006	22:32	0721H016	-	-	-	7694	9.154	1.8309		06-07-0987 II		
8	Spl	Avg	-	-	-	-	-	-	7987	9.510	1.9020	-	-	-	
8	Spl	SDev	-	-	-	-	-	-	414.36	-	-	-	-	-	
8	Spl	%RSD	-	-	-	-	-	-	5.19	-	-	-	-	-	
9	Spl	1	21Jul2006	22:42	0721H017	-	-	-	31099	37.555	7.5110	-	-	-	
9	Spl	2	21Jul2006	22:52	0721H018	-	-	-	31657	38.232	7.6464		06-07-0987 IIMS		
9	Spl	Avg	-	-	-	-	-	-	31378	37.894	7.5787	-	-	-	
9	Spl	SDev	-	-	-	-	-	-	394.57	-	-	-	-	-	
9	Spl	%RSD	-	-	-	-	-	-	1.26	-	-	-	-	-	
10	Spl	1	21Jul2006	23:01	0721H019	-	-	-	31064	37.513	7.5025	-	-	-	
10	Spl	2	21Jul2006	23:11	0721H020	-	-	-	31222	37.704	7.5409		06-07-0987 IIMSD		
10	Spl	Avg	-	-	-	-	-	-	31143	37.608	7.5217	-	-	-	
10	Spl	SDev	-	-	-	-	-	-	111.72	-	-	-	-	-	
10	Spl	%RSD	-	-	-	-	-	-	0.36	-	-	-	-	-	
11	Spl	1	21Jul2006	23:20	0721H021	-	-	-	7758	9.232	1.8464	-	-	-	

11	Spl	2	21Jul2006	23:30	0721H022	-	-	-	8768	10.457	2.0915	06-07-0989-2I		
11	Spl	Avg	-	-	-	-	-	-	8263	9.845	1.9689			
11	Spl	SDev	-	-	-	-	-	-	714.18	-	-			
11	Spl	%RSD	-	-	-	-	-	-	8.64	-	-			
12	Spl	1	21Jul2006	23:39	0721H023	-	-	-	23557	28.403	5.6806	06-07-1092-3E		
12	Spl	2	21Jul2006	23:49	0721H024	-	-	-	22603	27.246	5.4491			
12	Spl	Avg	-	-	-	-	-	-	23080	27.824	5.5649			
12	Spl	SDev	-	-	-	-	-	-	674.58	-	-			
12	Spl	%RSD	-	-	-	-	-	-	2.92	-	-			
13	Spl	1	21Jul2006	23:58	0721H025	-	-	-	6191	7.330	1.4661	06-07-1092-3E 90		
13	Spl	2	22Jul2006	00:08	0721H026	-	-	-	6023	7.127	1.4253			
13	Spl	Avg	-	-	-	-	-	-	6107	7.229	1.4457			
13	Spl	SDev	-	-	-	-	-	-	118.79	-	-			
13	Spl	%RSD	-	-	-	-	-	-	1.95	-	-			
14	Spl	1	22Jul2006	00:18	0721H027	-	-	-	18375	22.115	4.4230	06-07-1092-4E		
14	Spl	2	22Jul2006	00:27	0721H028	-	-	-	18440	22.194	4.4388			
14	Spl	Avg	-	-	-	-	-	-	18407	22.155	4.4309			
14	Spl	SDev	-	-	-	-	-	-	45.96	-	-			
14	Spl	%RSD	-	-	-	-	-	-	0.25	-	-			
15	Spl	1	22Jul2006	00:37	0721H029	-	-	-	66344	80.323	16.0646	06-07-1092-8E		
15	Spl	2	22Jul2006	00:46	0721H030	-	-	-	63694	77.107	15.4215			
15	Spl	Avg	-	-	-	-	-	-	65019	78.715	15.7430			
15	Spl	SDev	-	-	-	-	-	-	1873.83	-	-			
15	Spl	%RSD	-	-	-	-	-	-	2.88	-	-			
16	Spl	1	22Jul2006	00:56	0721H031	-	-	-	1502	1.641	0.3281	-	-	-
16	Spl	2	22Jul2006	01:06	0721H032	-	-	-	1008	1.041	0.2082	CCB	-	-
16	Spl	Avg	-	-	-	-	-	-	1255	1.341	0.2682		-	-
16	Spl	SDev	-	-	-	-	-	-	349.31	-	-		-	-
16	Spl	%RSD	-	-	-	-	-	-	27.83	-	-		-	-
17	Spl	1	22Jul2006	01:15	0721H033	-	-	-	20724	24.965	4.9931	-	-	-
17	Spl	2	22Jul2006	01:25	0721H034	-	-	-	20844	25.111	5.0222	CCV	-	-
17	Spl	Avg	-	-	-	-	-	-	20784	25.038	5.0077		-	-
17	Spl	SDev	-	-	-	-	-	-	84.85	-	-		-	-
17	Spl	%RSD	-	-	-	-	-	-	0.41	-	-		-	-
18	Spl	1	22Jul2006	01:34	0721H035	-	-	-	869	0.872	0.1745	-	-	-
18	Spl	2	22Jul2006	01:44	0721H036	-	-	-	855	0.855	0.1711	METHOD BLANK		
18	Spl	Avg	-	-	-	-	-	-	862	0.864	0.1728			
18	Spl	SDev	-	-	-	-	-	-	9.90	-	-			
18	Spl	%RSD	-	-	-	-	-	-	1.15	-	-			
19	Spl	1	22Jul2006	01:53	0721H037	-	-	-	826	0.820	0.1641	-	-	-
19	Spl	2	22Jul2006	02:03	0721H038	-	-	-	848	0.847	0.1694	CCB	-	-
19	Spl	Avg	-	-	-	-	-	-	837	0.834	0.1667		-	-
19	Spl	SDev	-	-	-	-	-	-	15.56	-	-		-	-
19	Spl	%RSD	-	-	-	-	-	-	1.86	-	-		-	-
20	Spl	1	22Jul2006	02:12	0721H039	-	-	-	20568	24.776	4.9552	-	-	-
20	Spl	2	22Jul2006	02:22	0721H040	-	-	-	20604	24.820	4.9640	CCV	-	-
20	Spl	Avg	-	-	-	-	-	-	20586	24.798	4.9596		-	-
20	Spl	SDev	-	-	-	-	-	-	25.46	-	-		-	-
20	Spl	%RSD	-	-	-	-	-	-	0.12	-	-		-	-
21	Spl	2	22Jul2006	02:41	0721H041	-	-	-	20038	24.133	4.8266	CCS	-	-
21	Spl	Avg	-	-	-	-	-	-	20033	24.128	4.8255		-	-
21	Spl	SDev	-	-	-	-	-	-	6.36	-	-		-	-
21	Spl	%RSD	-	-	-	-	-	-	0.03	-	-		-	-
22	Spl	1	22Jul2006	02:51	0721H042	-	-	-	19966	24.046	4.8091	LCS	-	-
22	Spl	2	22Jul2006	03:00	0721H043	-	-	-	20040	24.135	4.8271		-	-

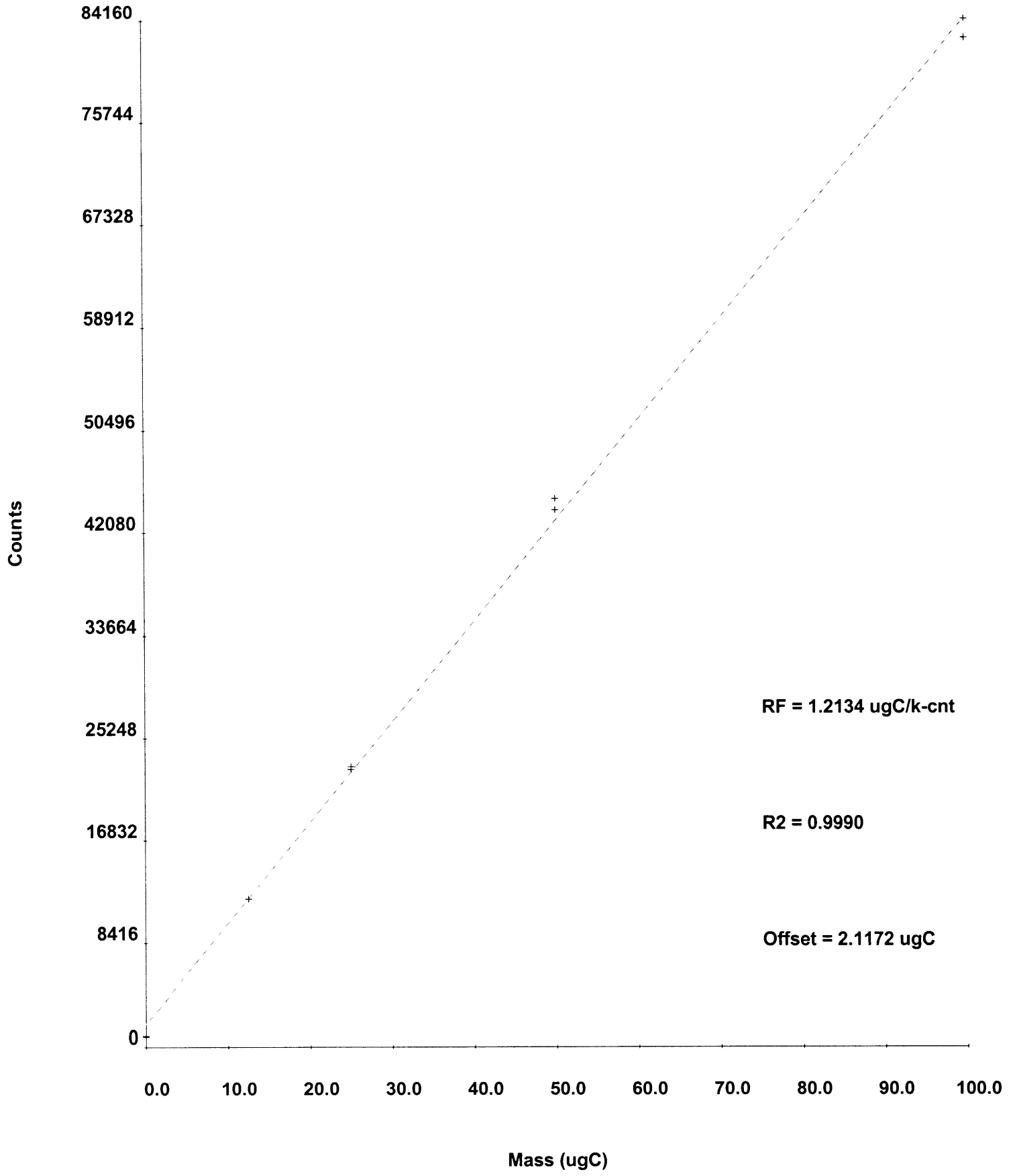
22	Spl	Avg	-	-	-	-	-	-	20003	24.091	4.8181	-	-	-
22	Spl	SDev	-	-	-	-	-	-	52.33	-	-	-	-	-
22	Spl	%RSD	-	-	-	-	-	-	0.26	-	-	-	-	-
23	Spl	1	22Jul2006	03:10	0721H044	-	-	-	5496	6.487	1.2974	-	-	-
23	Spl	2	22Jul2006	03:19	0721H045	-	-	-	7387	8.782	1.7563	06	02	0989-1J
23	Spl	Avg	-	-	-	-	-	-	6441	7.634	1.5269	-	-	-
23	Spl	SDev	-	-	-	-	-	-	1337.14	-	-	-	-	-
23	Spl	%RSD	-	-	-	-	-	-	20.76	-	-	-	-	-
24	Spl	1	22Jul2006	03:29	0721H046	-	-	-	5966	7.057	1.4115	-	-	-
24	Spl	2	22Jul2006	03:39	0721H047	-	-	-	8020	9.550	1.9100	06	02	0989-2J
24	Spl	Avg	-	-	-	-	-	-	6993	8.304	1.6607	-	-	-
24	Spl	SDev	-	-	-	-	-	-	1452.40	-	-	-	-	-
24	Spl	%RSD	-	-	-	-	-	-	20.77	-	-	-	-	-
25	Spl	1	22Jul2006	03:48	0721H048	-	-	-	2155	2.433	0.4866	-	-	-
25	Spl	2	22Jul2006	03:58	0721H049	-	-	-	2323	2.637	0.5274	06	02	1077-8F
25	Spl	Avg	-	-	-	-	-	-	2239	2.535	0.5070	-	-	-
25	Spl	SDev	-	-	-	-	-	-	118.79	-	-	-	-	-
25	Spl	%RSD	-	-	-	-	-	-	5.31	-	-	-	-	-
26	Spl	1	22Jul2006	04:07	0721H050	-	-	-	7953	9.469	1.8937	-	-	-
26	Spl	2	22Jul2006	04:17	0721H051	-	-	-	10292	12.307	2.4614	06	02	1077-7F
26	Spl	Avg	-	-	-	-	-	-	9122	10.888	2.1775	-	-	-
26	Spl	SDev	-	-	-	-	-	-	1653.92	-	-	-	-	-
26	Spl	%RSD	-	-	-	-	-	-	18.13	-	-	-	-	-
27	Spl	1	22Jul2006	04:26	0721H052	-	-	-	5425	6.401	1.2802	-	-	-
27	Spl	2	22Jul2006	04:36	0721H053	-	-	-	8123	9.675	1.9350	-	-	-
27	Spl	Avg	-	-	-	-	-	-	6774	8.038	1.6076	06	02	1032-1A
27	Spl	SDev	-	-	-	-	-	-	1907.77	-	-	-	-	-
27	Spl	%RSD	-	-	-	-	-	-	28.16	-	-	-	-	-
28	Spl	1	22Jul2006	04:45	0721H054	-	-	-	5802	6.858	1.3717	-	-	-
28	Spl	2	22Jul2006	04:55	0721H055	-	-	-	8344	9.943	1.9886	-	-	-
28	Spl	Avg	-	-	-	-	-	-	7073	8.401	1.6801	06	02	1032-2R
28	Spl	SDev	-	-	-	-	-	-	1797.46	-	-	-	-	-
28	Spl	%RSD	-	-	-	-	-	-	25.41	-	-	-	-	-
29	Spl	1	22Jul2006	05:04	0721H056	-	-	-	27998	33.792	6.7584	-	-	-
29	Spl	2	22Jul2006	05:14	0721H057	-	-	-	30511	36.842	7.3683	-	-	-
29	Spl	Avg	-	-	-	-	-	-	29254	35.317	7.0634	06	02	1032-2R RS
29	Spl	SDev	-	-	-	-	-	-	1776.96	-	-	-	-	-
29	Spl	%RSD	-	-	-	-	-	-	6.07	-	-	-	-	-
30	Spl	1	22Jul2006	05:23	0721H058	-	-	-	27721	33.456	6.6912	-	-	-
30	Spl	2	22Jul2006	05:33	0721H059	-	-	-	29791	35.968	7.1936	-	-	-
30	Spl	Avg	-	-	-	-	-	-	28756	34.712	6.9424	06	02	1032 2R MSD
30	Spl	SDev	-	-	-	-	-	-	1463.71	-	-	-	-	-
30	Spl	%RSD	-	-	-	-	-	-	5.09	-	-	-	-	-
31	Spl	1	22Jul2006	05:42	0721H060	-	-	-	1061	1.105	0.2211	-	-	-
31	Spl	2	22Jul2006	05:52	0721H061	-	-	-	1240	1.323	0.2645	-	-	-
31	Spl	Avg	-	-	-	-	-	-	1150	1.214	0.2428	06	02	1032-3M
31	Spl	SDev	-	-	-	-	-	-	126.57	-	-	-	-	-
31	Spl	%RSD	-	-	-	-	-	-	11.00	-	-	-	-	-
32	Spl	1	22Jul2006	06:02	0721H062	-	-	-	5056	5.953	1.1906	-	-	-
32	Spl	2	22Jul2006	06:11	0721H063	-	-	-	7986	9.509	1.9017	06	02	1072-1E
32	Spl	Avg	-	-	-	-	-	-	6521	7.731	1.5462	-	-	-
32	Spl	SDev	-	-	-	-	-	-	2071.82	-	-	-	-	-
32	Spl	%RSD	-	-	-	-	-	-	31.77	-	-	-	-	-
33	Spl	1	22Jul2006	06:21	0721H064	-	-	-	5172	6.094	1.2188	-	-	-

33	Spl	2	22Jul2006	06:30	0721H065	-	-	-	7186	8.538	1.7076	-	-
33	Spl	Avg	-	-	-	-	-	-	6179	7.316	1.4632	06-07-1072-2E	
33	Spl	SDev	-	-	-	-	-	-	1424.11	-	-	-	-
33	Spl	%RSD	-	-	-	-	-	-	23.05	-	-	-	-
34	Spl	1	22Jul2006	06:40	0721H066	-	-	-	1757	1.950	0.3900	-	-
34	Spl	2	22Jul2006	06:49	0721H067	-	-	-	2096	2.361	0.4723	06-07-1089-1G	
34	Spl	Avg	-	-	-	-	-	-	1926	2.156	0.4311	-	-
34	Spl	SDev	-	-	-	-	-	-	239.71	-	-	-	-
34	Spl	%RSD	-	-	-	-	-	-	12.44	-	-	-	-
35	Spl	1	22Jul2006	06:59	0721H068	-	-	-	6141	7.270	1.4540	-	-
35	Spl	2	22Jul2006	07:08	0721H069	-	-	-	7884	9.385	1.8770	06-07-1089-4G	
35	Spl	Avg	-	-	-	-	-	-	7012	8.327	1.6655	-	-
35	Spl	SDev	-	-	-	-	-	-	1232.49	-	-	-	-
35	Spl	%RSD	-	-	-	-	-	-	17.58	-	-	-	-
36	Spl	1	22Jul2006	07:18	0721H070	-	-	-	1707	1.889	0.3779	-	-
36	Spl	2	22Jul2006	07:28	0721H071	-	-	-	1984	2.225	0.4451	06-07-1089-5G	
36	Spl	Avg	-	-	-	-	-	-	1845	2.057	0.4115	-	-
36	Spl	SDev	-	-	-	-	-	-	195.87	-	-	-	-
36	Spl	%RSD	-	-	-	-	-	-	10.61	-	-	-	-
37	Spl	1	22Jul2006	07:37	0721H072	-	-	-	7292	8.666	1.7333	-	-
37	Spl	2	22Jul2006	07:47	0721H073	-	-	-	9409	11.235	2.2471	06-07-1089-2G	
37	Spl	Avg	-	-	-	-	-	-	8350	9.951	1.9902	-	-
37	Spl	SDev	-	-	-	-	-	-	1496.94	-	-	-	-
37	Spl	%RSD	-	-	-	-	-	-	17.93	-	-	-	-
38	Spl	1	22Jul2006	07:56	0721H074	-	-	-	13335	15.999	3.1999	-	-
38	Spl	2	22Jul2006	08:06	0721H075	-	-	-	13803	16.567	3.3134	06-07-0959-1M 25X	
38	Spl	Avg	-	-	-	-	-	-	13569	16.283	3.2567	-	-
38	Spl	SDev	-	-	-	-	-	-	330.93	-	-	-	-
38	Spl	%RSD	-	-	-	-	-	-	2.44	-	-	-	-
39	Spl	1	22Jul2006	08:15	0721H076	-	-	-	32350	39.073	7.8146	-	-
39	Spl	2	22Jul2006	08:25	0721H077	-	-	-	32718	39.520	7.9039	06-07-0960-1L 25X	
39	Spl	Avg	-	-	-	-	-	-	32534	39.296	7.8593	-	-
39	Spl	SDev	-	-	-	-	-	-	260.21	-	-	-	-
39	Spl	%RSD	-	-	-	-	-	-	0.80	-	-	-	-
40	Spl	1	22Jul2006	08:34	0721H078	-	-	-	10627	12.713	2.5427	-	-
40	Spl	2	22Jul2006	08:44	0721H079	-	-	-	11353	13.594	2.7189	06-07-0961-1M 10X	
40	Spl	Avg	-	-	-	-	-	-	10990	13.154	2.6308	-	-
40	Spl	SDev	-	-	-	-	-	-	513.36	-	-	-	-
40	Spl	%RSD	-	-	-	-	-	-	4.67	-	-	-	-
41	Spl	1	22Jul2006	08:53	0721H080	-	-	-	8820	10.521	2.1041	06-07-0904-1A 20X	
41	Spl	2	22Jul2006	09:03	0721H081	-	-	-	8868	10.579	2.1158	-	-
41	Spl	Avg	-	-	-	-	-	-	8844	10.550	2.1099	-	-
41	Spl	SDev	-	-	-	-	-	-	33.94	-	-	-	-
41	Spl	%RSD	-	-	-	-	-	-	0.38	-	-	-	-
42	Spl	1	22Jul2006	09:13	0721H082	-	-	-	8050	9.586	1.9172	-	-
42	Spl	2	22Jul2006	09:22	0721H083	-	-	-	8049	9.585	1.9170	06-07-0904-2A 50X	
42	Spl	Avg	-	-	-	-	-	-	8049	9.586	1.9171	-	-
42	Spl	SDev	-	-	-	-	-	-	0.71	-	-	-	-
42	Spl	%RSD	-	-	-	-	-	-	0.01	-	-	-	-
43	Spl	1	22Jul2006	09:32	0721H084	-	-	-	965	0.989	0.1978	-	-
43	Spl	2	22Jul2006	09:41	0721H085	-	-	-	834	0.830	0.1660	CCB	-
43	Spl	Avg	-	-	-	-	-	-	899	0.909	0.1819	-	-
43	Spl	SDev	-	-	-	-	-	-	92.63	-	-	-	-
43	Spl	%RSD	-	-	-	-	-	-	10.30	-	-	-	-

44	Spl	1	22Jul2006	09:51	0721H086	-	-	-	20235	24.372	4.8744	-	-	-
44	Spl	2	22Jul2006	10:00	0721H087	-	-	-	20382	24.550	4.9101	-	-	-
44	Spl	Avg	-	-	-	-	-	-	20308	24.461	4.8923	-	-	-
44	Spl	SDev	-	-	-	-	-	-	103.94	-	-	-	-	-
44	Spl	%RSD	-	-	-	-	-	-	0.51	-	-	-	-	-

CCN

Calibration - 050420ETOC (TOC, 20Apr2005 18:32)



Calscience
Environmental
Laboratories, Inc.

Sulfide by EPA 376.2

Camp Dresser & McKee

CEL W.O. 06-07-1032

Hewitt Landfill Groundwater

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

EPA Method [X]376.2 [ ]SW-846

Sulfide Raw Data

Calscience Environmental Laboratories

Prep Date	Standard Name / Code	Concentration (ppm)	Color	RF	RF	Absorbance
02/28/06	STD-1 G022806A	1 drop = 1.0				
↓	STD-2 ↓ B	↓ = 0.10				
	C	= 0.050				

Date Analyzed	Work Order Number	Original W(g), V(mL)	Final Vol (mL)	Dilution Factor	Color Comparison Visual	pH >9?	Sample Conc mg/kg, mg/L	Reportable Limit mg/kg, mg/L	Analyst / Comments
07/27/06	MB	7.5	7.5	1	white	(Y) N	ND	0.050	DL/ Dissolved Sulfide
↓	06-07-1395-1A	↓	↓	↓	white	Y N	ND	↓	1735T
↓	(DUP) -1B	↓	↓	↓	white	Y N	ND	↓	1737T
						Y N			
						Y N			
07/27/06	MB	7.5	7.5	1	white	(Y) N	ND	0.050	DL/Total Sulfide
↓	06-07-1032-1I	↓	↓	↓	white	Y N	ND	↓	↓
↓	↓ -2Q	↓	↓	↓	white	Y N	ND	↓	↓
↓	↓ -3I	↓	↓	↓	white	Y N	ND	↓	↓
↓	-1072-1H	↓	↓	↓	white	Y N	ND	↓	↓
↓	↓ -2H	↓	↓	↓	white	Y N	ND	↓	↓
↓	-1089-1M	↓	↓	↓	white	Y N	ND	↓	↓
↓	↓ -4M ~~-2M~~ DL 07/27/06	↓	↓	↓	white	Y N	ND	↓	↓
Duplicate:	06-07-1032-2-D	↓	↓	↓	white	Y N	ND	%D	↓

Reviewed by _____ Date __/__/__

Calscience
Environmental
Laboratories, Inc.

Total Dissolved Solids by EPA 160.1

Camp Dresser & McKee

CEL W.O. 06-07-1032

Hewitt Landfill Groundwater

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501

GRAVIMETRIC

EPA METHOD ☐ 160.2 TOTAL SUSPENDED SOLIDS

EPA METHOD ☐ 413.1 ☐ 9070 ☐ 9071 OIL & GREASE

Analyst: Hp Date 07 / 26 / 06

Group Leader: _____ Date ___/___/___

Date Analyzed	Work Order Number	Dish Number		Initial W(g)/V(mL)	W1 (g)	W2 (g)	Residue (W2 - W1)	Conc mg/kg / mg/L	RL	Comment
07/26/06	06_07_1032_1	M	PE 5	30	30.3512 30.3572	30.3691 30.3691	0.0179	597	1.0	1007
	-2	W	S_3	30	29.3725 29.3725	29.3912 29.3912	0.0187	623	1.0	1003
	-3	L	B_{42}	200	29.7662 29.7662	29.7661 29.7661	0.0000	ND	1.0	1.7
	-1052_1	A	d_{50}	30	29.5343 29.5343	29.5568 29.5568	0.0225	750	1.0	1327
	-2	A	P_6	30	29.5614 29.5615	29.5824 29.5824	0.0210	700	1.0	1168
	-1072_1	C	F_{28}	40	30.2794 30.2794	30.3011 30.3011	0.0217	543	1.0	865
	-2	D	W_{15}	40	30.3238 30.3239	30.3454 30.3452	0.0214	535	1.0	864
	-1076_1	F	T_{11}	30	29.4613 29.4614	29.4952 29.4953	0.0339	1130	10	1896
	-2		T_3	30	30.1608 30.1608	30.1846 30.1846	0.0238	793	1.0	1315
	-3		D_{13}	30	29.4357 29.4357	29.5072 29.5072	0.0715	2383	10	2980
	Blank		B_{12}	200	29.6142 29.6142	29.6142 29.6141	0.0000	ND	1.0	
	Duplicate -1032_2	W	A_{35}	30	29.6484 29.6484	29.6684 29.6684	0.0200	666		% Diff = 6

Reviewed by: _____ Date ___/___/___

Note: W1 = Weight of container W2 = Weight of container + Sample

04/07/95 Revision