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.: 06-07-1072**
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.: 06-07-1072

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

Three 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 (2.0°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.

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Blanks

The method blank data showed non-detectable levels.

Matrix Spikes

Matrix Spikes (MS) and Matrix Spike Duplicates (MSD) were performed at required frequencies. All recoveries were within acceptable limits.

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 analysis were within acceptable limits.

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

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
Sample Summary Report

WORK ORDER #: **06-07-1072** **QAPP:** **0000**

#	Client Sample ID	Matrix	Date Collected	NoC	Comment
1	4909F-285-072106-0	W	07/21/2006	14	
2	4909F-285-072106-1	W	07/21/2006	14	
3	TRIP BLANK-2-072106	W	07/21/2006	2	

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 07 - 1072

Cooler 1 of 2

SAMPLE RECEIPT FORM

CLIENT: DM

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.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

2.0 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: [illegible]

CUSTODY SEAL INTACT:

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

Initial: [illegible]

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: [illegible]

COMMENTS:

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 07 - 1072

Cooler 2 of 2

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.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

2.0 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: SF

CUSTODY SEAL INTACT:

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

Initial: SF

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: SF

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: 7/21/06

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

CLIENT PROJECT NAME / NUMBER: HEWITT LANDFILL GROUNDWATER

P.O. NO.: 22517-HEWITT

PROJECT CONTACT: JOHN BENNETT

QUOTE NO.:

SAMPLER(S): (SIGNATURE)

LAB USE ONLY: 07-1072

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

PERFORM ANALYSIS PER EPA REQUIREMENTS FOR HEWITT LANDFILL (STEVE NOWAK)

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 (524.2 M)	NDMA (1625 C (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
	4909F-285-072106-0		7/21/06	11:50	GW	14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	4909F-285-072106-1		7/21/06	11:40	GW	14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	TRIP BLANK-2-072106		7/21/06	—	W	2																			X

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		7/21/06	16:30
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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:	06-07-1072
Preparation:	EPA 3005A Filt.
Method:	EPA 6010B
Units:	mg/L

Project: Hewitt Landfill Groundwater

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
4909F-285-072106-0	**06-07-1072-1**	**07/21/06**	**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	12.6	0.0500	0.0464	1							

4909F-285-072106-1	**06-07-1072-2**	**07/21/06**	**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	12.2	0.0500	0.0464	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:	06-07-1072
Preparation:	EPA 3010A Total
Method:	EPA 6010B
Units:	mg/L

Project: Hewitt Landfill Groundwater

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
4909F-285-072106-0	**06-07-1072-1**	**07/21/06**	**Aqueous**	**07/24/06**	**07/25/06**	**060724L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Calcium	124	0.100	1		Magnesium	24.8	0.1	1	
Potassium	5.68	0.50	1		Sodium	42.0	0.5	1	

4909F-285-072106-1	**06-07-1072-2**	**07/21/06**	**Aqueous**	**07/24/06**	**07/25/06**	**060724L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Calcium	119	0.100	1		Magnesium	23.4	0.1	1	
Potassium	6.00	0.50	1		Sodium	40.2	0.5	1	

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

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Calcium	ND	0.100	1		Potassium	ND	0.500	1	
Iron	ND	0.100	1		Sodium	ND	0.500	1	
Magnesium	ND	0.100	1		Silicon	ND	0.0500	1	
Manganese	ND	0.00500	1						

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

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ANALYTICAL REPORT

Camp Dresser & McKee 18581 Teller Ave, Suite 200 Irvine, CA 92612-1627	Date Sampled: Date Received: Date Analyzed:	07/21/06 07/21/06 07/26/06
Attn: John Bennett RE: Hewitt Landfill Groundwater	Work Order No.: Method: Page 1 of 1	06-07-1072 EPA 6010B

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

Sample Number	Total Silica Concentration	Reporting Limit
4909F-285-072106-0	27.0	0.107
4909F-285-072106-1	26.1	0.107
Method Blank	ND	0.107

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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: 06-07-1072
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
4909F-285-072106-0	**06-07-1072-1**	**07/21/06**	**Aqueous**	**07/27/06**	**07/28/06**	**060727L01**

Comment(s): -Mercury was analyzed on 7/24/2006 8:13:12 PM with batch 060724L01

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	0.00368	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	0.0336	0.0050	1	
Lead	ND	0.00100	1						

4909F-285-072106-1	**06-07-1072-2**	**07/21/06**	**Aqueous**	**07/27/06**	**07/28/06**	**060727L01**

Comment(s): -Mercury was analyzed on 7/24/2006 8:19:56 PM with batch 060724L01

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	0.00334	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	0.0200	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	

Method Blank	**099-04-008-2,573**	**N/A**	**Aqueous**	**07/24/06**	**07/24/06**	**060724L01**

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:	06-07-1072
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
4909F-285-072106-0	**06-07-1072-1**	**07/21/06**	**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	87	56-123	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
4909F-285-072106-1	**06-07-1072-2**	**07/21/06**	**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	89	56-123	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
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:	06-07-1072
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
4909F-285-072106-0	**06-07-1072-1**	**07/21/06**	**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	51	50-130	

4909F-285-072106-1	**06-07-1072-2**	**07/21/06**	**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	64	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.		Date Received:	07/21/06
18581 Teller Avenue		Work Order No:	06-07-1072
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B
		Units:	ug/L
Project: Hewitt Landfill Groundwater			Page 1 of 4

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
4909F-285-072106-0	**06-07-1072-1**	**07/21/06**	**Aqueous**	**07/27/06**	**07/27/06**	**060727L01**

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	23	1	1	
Chloroform	2.0	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	74	1	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	1.4	1.0	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethane	5.8	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	2.7	1.0	1		o-Xylene	ND	1.0	1	
c-1,2-Dichloroethene	4.1	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	108	74-140		1,2-Dichloroethane-d4	113	74-146	
Toluene-d8	98	88-112		1,4-Bromofluorobenzene	93	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:	06-07-1072
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
4909F-285-072106-1	**06-07-1072-2**	**07/21/06**	**Aqueous**	**07/26/06**	**07/26/06**	**060726L01**

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	15	1	1	
Chloroform	1.5	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	40	1	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	4.3	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	2.9	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	106	74-140		1,2-Dichloroethane-d4	110	74-146	
Toluene-d8	95	88-112		1,4-Bromofluorobenzene	92	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:	06-07-1072
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
Method Blank	**099-10-006-18,642**	**N/A**	**Aqueous**	**07/26/06**	**07/26/06**	**060726L01**

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	104	74-140		1,2-Dichloroethane-d4	105	74-146	
Toluene-d8	97	88-112		1,4-Bromofluorobenzene	94	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:	06-07-1072
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	**099-10-006-18,648**	**N/A**	**Aqueous**	**07/27/06**	**07/27/06**	**060727L01**

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	105	74-140		1,2-Dichloroethane-d4	113	74-146	
Toluene-d8	97	88-112		1,4-Bromofluorobenzene	93	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:	06-07-1072
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
4909F-285-072106-0	**06-07-1072-1**	**07/21/06**	**Aqueous**	**07/24/06**	**07/24/06**	**060724L01**

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

4909F-285-072106-1	**06-07-1072-2**	**07/21/06**	**Aqueous**	**07/24/06**	**07/24/06**	**060724L01**

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

Method Blank	**099-10-022-254**	**N/A**	**Aqueous**	**07/24/06**	**07/24/06**	**060724L01**

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: 06-07-1072

Project: Hewitt Landfill Groundwater

Client Sample Number	Lab Sample Number	Date Collected	Matrix
4909F-285-072106-0	**06-07-1072-1**	**07/21/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Hardness, Total	400	2	1		mg/L	N/A	07/22/06	EPA 130.2
Solids, Total Dissolved	543	1.0	1		mg/L	N/A	07/26/06	EPA 160.1
Chloride	35	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)	12	1	10		mg/L	N/A	07/22/06	EPA 300.0
Sulfate	59	10	10		mg/L	N/A	07/22/06	EPA 300.0
Perchlorate	ND	2.0	1		ug/L	N/A	07/26/06	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	1.3	1.0	1		ug/L	N/A	07/21/06	EPA 7199
Alkalinity, Total (as CaCO3)	300	5.0	1		mg/L	N/A	07/24/06	SM 2320B
Bicarbonate (as CaCO3)	300	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

4909F-285-072106-1	**06-07-1072-2**	**07/21/06**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Hardness, Total	400	2	1		mg/L	N/A	07/22/06	EPA 130.2
Solids, Total Dissolved	535	1.0	1		mg/L	N/A	07/26/06	EPA 160.1
Chloride	33	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)	12	1	10		mg/L	N/A	07/22/06	EPA 300.0
Sulfate	57	10	10		mg/L	N/A	07/22/06	EPA 300.0
Perchlorate	ND	2.0	1		ug/L	N/A	07/26/06	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	1.5	0.5	1		mg/L	N/A	07/22/06	EPA 415.1
Chromium, Hexavalent	1.4	1.0	1		ug/L	N/A	07/21/06	EPA 7199
Alkalinity, Total (as CaCO3)	320	5.0	1		mg/L	N/A	07/24/06	SM 2320B
Bicarbonate (as CaCO3)	320	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: 06-07-1072

Project: Hewitt Landfill Groundwater

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

Parameter	Result	RL	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
Perchlorate	ND	2.0	1		ug/L	N/A	07/25/06	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	ND	1.0	1		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.		Date Received:	07/21/06
18581 Teller Avenue		Work Order No:	06-07-1072
Suite 200		Preparation:	EPA 3010A Total
Irvine, CA 92612-1627		Method:	EPA 6010B

Project Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-07-1032-2	**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.		Date Received:	07/21/06
18581 Teller Avenue		Work Order No:	06-07-1072
Suite 200		Preparation:	EPA 3020A Total
Irvine, CA 92612-1627		Method:	EPA 6020

Project Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-07-1032-2	**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.		Date Received:	07/21/06
18581 Teller Avenue		Work Order No:	06-07-1072
Suite 200		Preparation:	EPA 7470A Total
Irvine, CA 92612-1627		Method:	EPA 7470A

Project Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
4909F-285-072106-0	**Aqueous**	**Mercury**	**07/24/06**	**07/24/06**	**060724S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	102	102	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.		Date Received:	07/21/06
18581 Teller Avenue		Work Order No:	06-07-1072
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B

Project Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-07-1156-1	**Aqueous**	**GC/MS T**	**07/26/06**	**07/26/06**	**060726S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	97	88-118	1	0-7	
Carbon Tetrachloride	99	100	67-145	1	0-11	
Chlorobenzene	99	101	88-118	1	0-7	
1,2-Dichlorobenzene	101	103	86-116	2	0-8	
1,1-Dichloroethene	70	83	70-130	16	0-25	
Toluene	100	101	87-123	1	0-8	
Trichloroethene	98	101	79-127	2	0-10	
Vinyl Chloride	77	80	69-129	4	0-13	
Methyl-t-Butyl Ether (MTBE)	104	104	71-131	0	0-13	
Tert-Butyl Alcohol (TBA)	115	114	36-168	1	0-45	
Diisopropyl Ether (DIPE)	99	99	81-123	0	0-9	
Ethyl-t-Butyl Ether (ETBE)	102	101	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	103	102	72-126	2	0-12	
Ethanol	107	103	53-149	3	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.		Date Received:	07/21/06
18581 Teller Avenue		Work Order No:	06-07-1072
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B

Project Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-07-1354-1	**Aqueous**	**GC/MS T**	**07/27/06**	**07/27/06**	**060727S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	98	88-118	0	0-7	
Carbon Tetrachloride	106	109	67-145	3	0-11	
Chlorobenzene	99	101	88-118	2	0-7	
1,2-Dichlorobenzene	100	101	86-116	1	0-8	
1,1-Dichloroethene	101	98	70-130	3	0-25	
Toluene	101	100	87-123	1	0-8	
Trichloroethene	101	99	79-127	2	0-10	
Vinyl Chloride	82	87	69-129	6	0-13	
Methyl-t-Butyl Ether (MTBE)	101	104	71-131	3	0-13	
Tert-Butyl Alcohol (TBA)	104	110	36-168	6	0-45	
Diisopropyl Ether (DIPE)	100	101	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	100	103	72-126	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	102	101	72-126	1	0-12	
Ethanol	109	114	53-149	5	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Camp Dresser & McKee, Inc.		Date Received:	07/21/06
18581 Teller Avenue		Work Order No:	06-07-1072
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	MS/MSD Batch Number
4909F-285-072106-1	**Aqueous**	**GC/MS M**	**07/24/06**	**07/24/06**	**060724S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	89	86	80-120	4	0-20	
1,4-Dioxane	97	93	80-120	4	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: 06-07-1072

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	06-07-1060-1	07/23/06	N/A	102	104	56-134	1	0-3	
Nitrite (as N)	EPA 300.0	06-07-1060-1	07/23/06	N/A	104	103	68-122	2	0-8	
Nitrate (as N)	EPA 300.0	06-07-1060-1	07/23/06	N/A	101	99	58-142	2	0-6	
Sulfate	EPA 300.0	06-07-1060-1	07/23/06	N/A	107	109	49-133	1	0-3	
Chromium, Hexavalent	EPA 7199	06-07-1032-2	07/21/06	N/A	109	109	70-130	1	0-25	
Perchlorate	EPA 314.0	4909F-285-072106-0	07/26/06	N/A	99	100	80-120	1	0-15	
Fluoride	EPA 340.2	06-07-1032-2	07/26/06	N/A	100	99	70-130	1	0-25	
Carbon, Total Organic	EPA 415.1	06-07-1032-2	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: 06-07-1072

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	06-07-1032-2	07/22/06	430	440	0	0-25	
Alkalinity, Total (as CaCO3)	SM 2320B	06-07-1032-2	07/24/06	290	290	0	0-25	
Bicarbonate (as CaCO3)	SM 2320B	06-07-1032-2	07/24/06	290	290	0	0-25	
Carbonate (as CaCO3)	SM 2320B	06-07-1032-2	07/24/06	ND	ND	NA	0-25	
Hydroxide (as CaCO3)	SM 2320B	06-07-1032-2	07/24/06	ND	ND	NA	0-25	
Sulfide, Total	EPA 376.2	06-07-1032-2	07/27/06	ND	ND	NA	0-25	
Solids, Total Dissolved	EPA 160.1	06-07-1032-2	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:	06-07-1072
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: 06-07-1072
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.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	06-07-1072
Suite 200		Preparation:	EPA 7470A Total
Irvine, CA 92612-1627		Method:	EPA 7470A

Project: Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-008-2,573	**Aqueous**	**Mercury**	**07/24/06**	**07/24/06**	**060724L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	103	102	90-122	1	0-14	

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:	06-07-1072
Suite 200		Preparation:	EPA 3520B
Irvine, CA 92612-1627		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.		Date Received:	N/A
18581 Teller Avenue		Work Order No:	06-07-1072
Suite 200		Preparation:	EPA 3520B
Irvine, CA 92612-1627		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 - LCS/LCS Duplicate

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

Date Received:	N/A
Work Order No:	06-07-1072
Preparation:	EPA 5030B
Method:	EPA 8260B

Project: Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-18,642	**Aqueous**	**GC/MS T**	**07/26/06**	**07/26/06**	**060726L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	96	84-120	2	0-8	
Carbon Tetrachloride	101	100	63-147	0	0-10	
Chlorobenzene	101	99	89-119	1	0-7	
1,2-Dichlorobenzene	101	100	89-119	0	0-9	
1,1-Dichloroethene	91	91	77-125	0	0-16	
Toluene	101	100	83-125	1	0-9	
Trichloroethene	100	99	89-119	1	0-8	
Vinyl Chloride	77	80	63-135	4	0-13	
Methyl-t-Butyl Ether (MTBE)	97	97	82-118	0	0-13	
Tert-Butyl Alcohol (TBA)	89	96	46-154	7	0-32	
Diisopropyl Ether (DIPE)	97	98	81-123	0	0-11	
Ethyl-t-Butyl Ether (ETBE)	97	99	74-122	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	96	99	76-124	2	0-10	
Ethanol	97	92	60-138	6	0-32	

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:	06-07-1072
Suite 200		Preparation:	EPA 5030B
Irvine, CA 92612-1627		Method:	EPA 8260B

Project: Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-18,648	**Aqueous**	**GC/MS T**	**07/27/06**	**07/27/06**	**060727L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	99	84-120	0	0-8	
Carbon Tetrachloride	112	109	63-147	3	0-10	
Chlorobenzene	102	101	89-119	2	0-7	
1,2-Dichlorobenzene	103	103	89-119	0	0-9	
1,1-Dichloroethene	110	106	77-125	3	0-16	
Toluene	102	101	83-125	1	0-9	
Trichloroethene	102	102	89-119	0	0-8	
Vinyl Chloride	88	86	63-135	2	0-13	
Methyl-t-Butyl Ether (MTBE)	107	105	82-118	2	0-13	
Tert-Butyl Alcohol (TBA)	104	105	46-154	2	0-32	
Diisopropyl Ether (DIPE)	105	103	81-123	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	106	105	74-122	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	103	104	76-124	2	0-10	
Ethanol	108	108	60-138	0	0-32	

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:	06-07-1072
Preparation:	EPA 5030B
Method:	SRL 524M-TCP

Project: Hewitt Landfill Groundwater

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-022-254	**Aqueous**	**GC/MS M**	**07/24/06**	**07/24/06**	**060724L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	90	92	80-120	3	0-20	
1,4-Dioxane	97	96	80-120	1	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: 06-07-1072

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	099-05-118-3,486	N/A	07/22/06	102	102	81-111	0	0-5	
Nitrite (as N)	EPA 300.0	099-05-118-3,486	N/A	07/22/06	91	92	73-115	1	0-26	
Nitrate (as N)	EPA 300.0	099-05-118-3,486	N/A	07/22/06	98	98	87-111	0	0-12	
Sulfate	EPA 300.0	099-05-118-3,486	N/A	07/22/06	102	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	099-05-203-437	N/A	07/25/06	99	113	85-115	14	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: 06-07-1072

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: 06-07-1072

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. 06-07-1072

Hewitt Landfill Groundwater

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

Injection Log

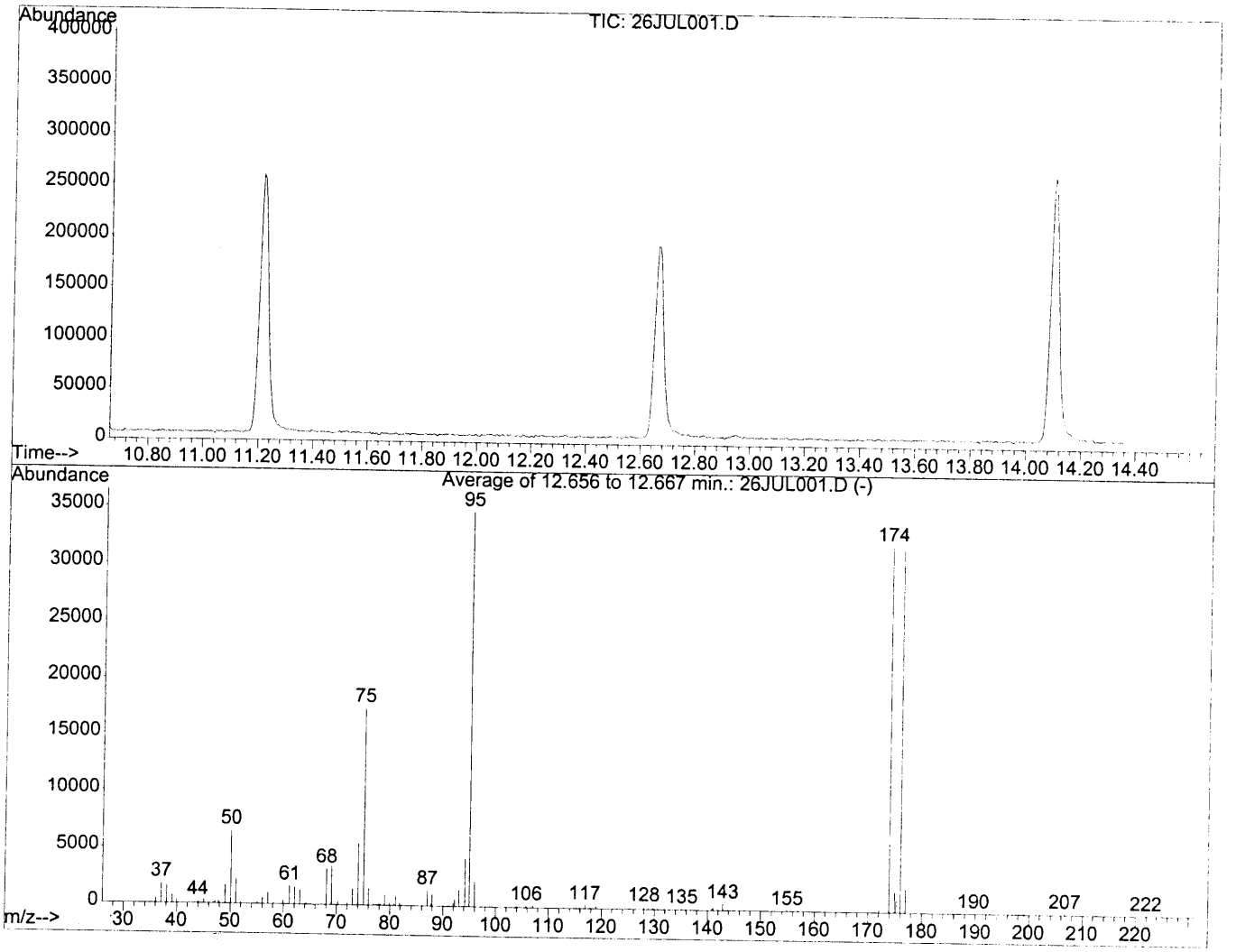
Directory: D:\DATA\072606

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	26JUL001.D	1.	BFB	V063006C	26 Jul 2006 11:34
2	2	26JUL002.D	1.	CCV V072606A/B	V063006C	26 Jul 2006 12:02
3	6	26JUL003.D	1.	200PPB 8260IC V072606A/B	V063006C	26 Jul 2006 12:30
4	7	26JUL004.D	1.	100PPB 8260IC V072606A/B	V063006C	26 Jul 2006 12:58
5	8	26JUL005.D	1.	20PPB 8260IC V072606A/B	V063006C	26 Jul 2006 13:26
6	9	26JUL006.D	1.	10PPB 8260IC V072606A/B	V063006C	26 Jul 2006 13:54
7	10	26JUL007.D	1.	1.0PPB 8260IC V072606A/B	V063006C	26 Jul 2006 14:22
8	11	26JUL008.D	1.	0.5PPB 8260IC V072606A/B	V063006C	26 Jul 2006 14:50
9	3	26JUL009.D	1.	LCS V072606C/D	V063006C	26 Jul 2006 15:18
10	4	26JUL010.D	1.	LCSD V072606C/D	V063006C	26 Jul 2006 15:45
11	5	26JUL011.D	1.	MB	V063006C	26 Jul 2006 16:13
12	12	26JUL012.D	1.	LCS V072606C/E	V063006C	26 Jul 2006 16:41
13	13	26JUL013.D	1.	LCSD V072606C/E	V063006C	26 Jul 2006 17:08
14	14	26JUL014.D	1.	06-07-1156-1D 5ML;1X;PH<2	V063006C	26 Jul 2006 17:36
15	15	26JUL015.D	1.	06-07-1156-1D 5ML;1X;PH<2 MS	V063006C	26 Jul 2006 18:04
16	16	26JUL016.D	1.	06-07-1156-1D 5ML;1X;PH<2 MSD	V063006C	26 Jul 2006 18:32
17	17	26JUL017.D	1.	06-07-1072-1J 2.5ML;2X;PH<2	V063006C	26 Jul 2006 19:00
18	18	26JUL018.D	1.	06-07-1072-2K 5ML;1X;PH<2	V063006C	26 Jul 2006 19:27
19	19	26JUL019.D	1.	06-07-1149-1A 0.5ML;10X;PH<2	V063006C	26 Jul 2006 19:55
20	20	26JUL020.D	1.	06-07-1149-2A 0.5ML;10X;PH<2	V063006C	26 Jul 2006 20:23
21	21	26JUL021.D	1.	06-07-1086-11E 100UL;50XEF;PH<2	V063006C	26 Jul 2006 20:50
22	22	26JUL022.D	1.	06-07-1086-9E 1UL;5000XEF;PH<2	V063006C	26 Jul 2006 21:18
23	23	26JUL023.D	1.	06-07-1086-12E 1UL;5000X;PH<2	V063006C	26 Jul 2006 21:45
24	24	26JUL024.D	1.	06-07-1166-1A 2.5ML;2X;PH<2	V063006C	26 Jul 2006 22:13
25	25	26JUL025.D	1.	06-07-1166-3A 1ML;5X;PH<2	V063006C	26 Jul 2006 22:41
26	26	26JUL026.D	1.	06-07-1166-4A 2.5ML;2X;PH<2	V063006C	26 Jul 2006 23:08
27	27	26JUL027.D	1.	BFB	V063006C	26 Jul 2006 23:36
28	28	26JUL028.D	1.	CCV	V063006C	27 Jul 2006 00:03
29	29	26JUL029.D	1.	LCS	V063006C	27 Jul 2006 00:31
30	30	26JUL030.D	1.	LCSD	V063006C	27 Jul 2006 00:59
31	31	26JUL031.D	1.	MB	V063006C	27 Jul 2006 01:26
32	32	26JUL032.D	1.	MB	V063006C	27 Jul 2006 01:54
33	1	26JUL033.D	1.	06-07-1166-5A 5ML;1X;PH<2	V063006C	27 Jul 2006 02:21
34	2	26JUL034.D	1.	06-07-1171-1A 0.5ML;10X;PH<2	V063006C	27 Jul 2006 02:49
35	3	26JUL035.D	1.	06-07-1171-2A 0.5ML;10X;PH<2	V063006C	27 Jul 2006 03:17
36	4	26JUL036.D	1.	06-07-1171-3A 1ML;5X;PH<2	V063006C	27 Jul 2006 03:44
37	5	26JUL037.D	1.	06-07-1171-4A 2.5ML;2X;PH<2	V063006C	27 Jul 2006 04:12
38	6	26JUL038.D	1.	06-07-1293-8A 5ML;1X;PH<2	V063006C	27 Jul 2006 04:39
39	7	26JUL039.D	1.	06-07-1293-8A 5ML;1X;PH<2 MS	V063006C	27 Jul 2006 05:07
40	8	26JUL040.D	1.	06-07-1293-8A 5ML;1X;PH<2 MSD	V063006C	27 Jul 2006 05:35
41	9	26JUL041.D	1.	06-07-1293-1A 0.5ML;10X;PH<2	V063006C	27 Jul 2006 06:03
42	10	26JUL042.D	1.	06-07-1293-2A 1ML;5X;PH<2	V063006C	27 Jul 2006 06:31
43	11	26JUL043.D	1.	06-07-1293-3A 1ML;5X;PH<2	V063006C	27 Jul 2006 06:58
44	12	26JUL044.D	1.	06-07-1293-4A 1ML;5X;PH<2	V063006C	27 Jul 2006 07:26
45	13	26JUL045.D	1.	06-07-1293-6A 2.5ML;2X;PH<2	V063006C	27 Jul 2006 07:53
46	14	26JUL046.D	1.	06-07-1293-7A 5ML;1X;PH<2	V063006C	27 Jul 2006 08:21
47	15	26JUL047.D	1.	06-07-1293-9A 5ML;1X;PH<2	V063006C	27 Jul 2006 08:49

CLPBFB

Data File : d:\data\072606\Snapshot\26JUL001.D
Acq On : 26 Jul 2006 11:34 am
Sample : BFB
Misc : V063006C
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\1\METHODS\070706.M (RTE Integrator)
Title : EPA 8260B

Vial: 1
Operator: MJR
Inst : GCMS T
Multiplr: 1.00



AutoFind: Scans 2156, 2157, 2158; Background Corrected with Scan 2145

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.8	6541	PASS
75	95	30	60	50.3	17522	PASS
95	95	100	100	100.0	34853	PASS
96	95	5	9	6.4	2224	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	92.5	32229	PASS
175	174	5	9	5.7	1828	PASS
176	174	95	101	99.1	31938	PASS
177	176	5	9	6.6	2121	PASS

26JUL001.D 070706.M Wed Jul 26 11:49:13 2006

Response Factor Report GCMS T

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 15:53:46 2006
Response via : Initial Calibration

Calibration Files
0.5 =26JUL008.D 1 =26JUL007.D 10 =26JUL006.D 200 =26JUL003.D
20 =26JUL005.D 50 =26JUL002.D 100 =26JUL004.D

MJK 7/26

Avg % RSD = 5.8255 %

		Compound	0.5	1	10	20	50	100	200	Avg	%RSD
1)	I	Pentafluorobenzene	ISTD								
2)	T	Dichlorodifluor		0.751	0.795	0.787	0.796	0.764	0.759	0.775	2.54
3)	P	Chloromethane		0.876	0.754	0.765	0.719	0.790	0.778	0.780	6.78
4)	CCC	Vinyl Chloride	0.746	0.723	0.667	0.674	0.662	0.680	0.669	0.689	4.74
5)	T	Bromomethane		0.430	0.451	0.436	0.422	0.239	0.230	0.368	28.23
6)	T	Chloroethane		0.439	0.376	0.374	0.369	0.329	0.333	0.370	10.74
7)	T	Trichlorofluoro		1.080	1.008	0.996	1.048	0.951	0.818	0.983	9.40
8)	T	Ethanol			0.005	0.005	0.005	0.005	0.004	0.005#	6.92
9)	T	Diethyl Ether			0.271	0.271	0.255	0.252	0.230	0.256	6.63
10)	T	2-Chloropropane		1.013	0.698	0.698	0.709	0.651	0.603	0.728	19.92
11)	T	Acetone			0.025	0.022	0.022	0.018	0.015	0.020#	19.85
12)	T	Iodomethane			0.513	0.515	0.597	0.539	0.602	0.553	7.89
13)	CCC	1,1-Dichloroeth		0.676	0.689	0.736	0.729	0.686	0.648	0.694	4.75
14)	T	1,1,2-Trichloro			0.493	0.510	0.512	0.483	0.433	0.486	6.57
15)	T	Tert-Butyl Alco			0.030	0.032	0.029	0.033	0.031	0.031#	5.14
16)	T	Carbon Disulfid			1.401	1.417	1.404	1.358	1.304	1.377	3.37
17)	T	Acetonitrile			0.792	0.800	0.789	0.779	0.743	0.781	2.86
18)	T	Acrylonitrile			0.133	0.140	0.134	0.137	0.121	0.133	5.27
19)	T	Allyl Chloride			0.792	0.793	0.789	0.778	0.743	0.779	2.69
20)	T	Acrolein			0.188	0.187	0.185	0.183	0.163	0.181	5.86
21)	T	Methyl Acetate			0.298	0.296	0.287	0.275	0.249	0.281	7.11
22)	T	Methylene Chlor			1.049	0.714	0.522	0.485	0.445	0.643	38.80
23)	T	1-Chloropropane		0.779	0.762	0.758	0.768	0.730	0.696	0.749	4.10
24)	T	t-1,2-Dichloroe		0.467	0.452	0.462	0.456	0.440	0.421	0.450	3.72
25)	T	Isobutyl Alcoho			0.298	0.296	0.287	0.275	0.249	0.281	7.20
26)	T	Methyl-t-Butyl		1.051	1.102	1.122	1.101	1.091	1.024	1.082	3.39
27)	T	Hexane			0.722	0.726	0.710	0.728	0.719	0.721	1.01
28)	P	1,1-Dichloroeth		0.861	0.847	0.836	0.847	0.795	0.767	0.825	4.40
29)	T	Vinyl Acetate			0.082	0.084	0.075	0.082	0.076	0.080#	5.01
30)	T	Diisopropyl Eth		1.340	1.361	1.403	1.380	1.352	1.328	1.361	2.00
31)	T	Chloroprene			0.668	0.691	0.699	0.678	0.670	0.681	1.99
32)	T	Ethyl-t-Butyl E		1.107	1.177	1.207	1.196	1.206	1.170	1.177	3.19
33)	T	c-1,2-Dichloroe		0.466	0.474	0.471	0.455	0.447	0.434	0.458	3.40
34)	T	2,2-Dichloropro		0.673	0.673	0.691	0.702	0.682	0.682	0.684	1.63
35)	T	2-Butanone			0.138	0.139	0.143	0.131	0.125	0.135	5.53
36)	T	Propionitrile			0.052	0.049	0.049	0.054	0.046	0.050#	5.88
37)	T	Methacrylonitri			0.243	0.253	0.249	0.247	0.234	0.245	2.94
38)	T	Propanedinitril			0.057	0.058	0.055	0.054	0.052	0.055#	4.72
39)	T	Bromochlorometh		0.303	0.311	0.306	0.305	0.286	0.272	0.297	4.98
40)	T	Tetrahydrofuran			0.116	0.120	0.110	0.113	0.104	0.113	5.34
41)	CCC	Chloroform		0.878	0.853	0.833	0.853	0.791	0.778	0.831	4.74
42)	S	Dibromofluorome			0.448	0.428	0.434	0.413	0.398	0.424	4.56
43)	T	1,1,1-Trichloro		0.757	0.785	0.783	0.821	0.761	0.763	0.778	3.09
44)	T	Cyclohexane			0.798	0.755	0.716	0.700	0.679	0.730	6.47
45)	T	1,1-Dichloropro		0.662	0.656	0.660	0.666	0.643	0.638	0.654	1.70
46)	T	Carbon Tetrachl	0.708	0.696	0.701	0.700	0.757	0.699	0.708	0.710	2.97
47)	S	1,2-Dichloroeth			0.571	0.530	0.577	0.511	0.502	0.538	6.41
48)	I	1,4-Difluorobenzene	ISTD								
49)	T	Benzene	1.383	1.328	1.319	1.314	1.290	1.276	1.306	1.317	2.60
50)	T	1,2-Dichloroeth	0.512	0.515	0.494	0.481	0.499	0.453	0.460	0.488	4.96
51)	T	Tert-Amyl-Methy		0.689	0.748	0.767	0.755	0.762	0.764	0.748	3.95
52)	T	Thiophene			0.649	0.663	0.664	0.652	0.661	0.658	1.05

53)	T	Trichloroethene		0.376	0.368	0.353	0.358	0.345	0.353	0.359	3.18
54)	CCC	1,2-Dichloropro		0.330	0.337	0.329	0.327	0.316	0.319	0.326	2.31
55)	T	Methylcyclohexa			0.604	0.611	0.609	0.619	0.637	0.616	2.10
56)	T	Dibromomethane		0.196	0.185	0.185	0.189	0.179	0.176	0.185	3.92
57)	T	Methyl Methacry			0.179	0.192	0.192	0.200	0.197	0.192	4.26
58)		1,4-Dioxane		0.003	0.003	0.003	0.003	0.003	0.003	0.003#	4.42
59)	T	Bromodichlorome		0.463	0.456	0.448	0.473	0.448	0.461	0.458	2.09
60)	T	2-Chloroethyl V			0.029	0.031	0.024	0.030	0.040	0.031#	18.82
61)	T	c-1,3-Dichlorop	0.432	0.480	0.504	0.510	0.525	0.525	0.541	0.502	7.26
62)	S	Toluene-d8			1.193	1.152	1.162	1.169	1.217	1.179	2.23
63)	CCC	Toluene		1.302	1.367	1.354	1.368	1.376	1.469	1.373	3.94
64)	T	4-Methyl-2-Pent			0.083	0.087	0.089	0.096	0.094	0.090#	5.91
65)	I	Chlorobenzene-d5		----------ISTD----------							
66)	T	t-1,3-Dichlorop	0.472	0.416	0.491	0.512	0.545	0.539	0.530	0.501	9.12
67)	T	Ethyl Methacryl			0.370	0.388	0.395	0.412	0.402	0.393	4.02
68)	T	1,1,2-Trichloro		0.272	0.253	0.251	0.257	0.242	0.229	0.251	5.82
69)	T	Tetrachloroethe		0.496	0.508	0.505	0.506	0.495	0.496	0.501	1.20
70)	T	1,3-Dichloropro		0.522	0.546	0.537	0.550	0.516	0.498	0.528	3.75
71)	T	2-Hexanone			0.067	0.075	0.078	0.082	0.078	0.076#	7.39
72)	T	Dibromochlorome		0.387	0.382	0.381	0.406	0.394	0.393	0.390	2.39
73)	T	1,2-Dibromoetha		0.275	0.308	0.307	0.317	0.309	0.298	0.302	4.93
74)	P	Chlorobenzene		1.020	1.023	1.031	1.031	1.025	1.041	1.029	0.72
75)	T	1,1,1,2-Tetrach		0.363	0.388	0.385	0.405	0.387	0.395	0.387	3.59
76)	CCC	Ethylbenzene		1.542	1.634	1.675	1.712	1.695	1.739	1.666	4.23
77)	T	p/m-Xylene	1.142	1.121	1.268	1.298	1.343	1.301	1.328	1.257	7.10
78)	T	o-Xylene		1.136	1.281	1.312	1.367	1.334	1.367	1.299	6.65
79)	T	Styrene		0.899	1.037	1.062	1.117	1.112	1.144	1.062	8.35
80)	P	Bromoform		0.229	0.258	0.259	0.284	0.275	0.283	0.265	7.86
81)	T	Isopropylbenzen		1.356	1.605	1.675	1.761	1.751	1.854	1.667	10.44
82)	S	1,4-Bromofluoro			0.488	0.470	0.490	0.478	0.505	0.486	2.73
83)	T	1,2,3-Trichloro		0.451	0.469	0.477	0.508	0.488	0.494	0.481	4.15
84)	T	Bromobenzene		0.406	0.459	0.459	0.482	0.469	0.500	0.462	6.86
85)	P	1,1,2,2-Tetrach		0.382	0.383	0.392	0.395	0.379	0.373	0.384	2.17
86)	T	n-Propylbenzene		1.672	1.943	1.994	2.139	2.065	2.194	2.001	9.27
87)	T	t-1,4-Dichloro-			0.115	0.121	0.130	0.124	0.129	0.124	4.96
88)	T	2-Chlorotoluene		0.927	1.133	1.156	1.213	1.171	1.251	1.142	9.93
89)	T	1,3,5-Trimethyl		1.137	1.382	1.420	1.520	1.468	1.561	1.414	10.66
90)	I	1,4-Dichlorobenzene-d		----------ISTD----------							
91)	T	4-Chlorotoluene		2.100	2.244	2.272	2.250	2.233	2.320	2.237	3.29
92)	T	1,2,4-Trimethyl		2.039	2.305	2.397	2.384	2.443	2.542	2.352	7.31
93)	T	tert-Butylbenze		2.178	2.407	2.537	2.542	2.639	2.726	2.505	7.69
94)	T	p-Isopropyltolu		2.423	2.704	2.801	2.820	2.908	2.998	2.776	7.19
95)	T	sec-Butylbenzen		2.784	3.105	3.258	3.233	3.338	3.425	3.190	7.09
96)	T	1,3-Dichloroben		1.574	1.593	1.569	1.562	1.585	1.614	1.583	1.20
97)	T	1,4-Dichloroben		1.511	1.560	1.573	1.571	1.585	1.626	1.571	2.38
98)	T	1,2-Dichloroben		1.341	1.474	1.483	1.453	1.446	1.480	1.446	3.72
99)	T	n-Butylbenzene		2.159	2.358	2.464	2.528	2.536	2.567	2.435	6.33
100)	T	1,2-Dibromo-3-C			0.114	0.121	0.125	0.123	0.117	0.120	3.72
101)	T	1,2,4-Trichloro		1.088	1.124	1.179	1.180	1.216	1.224	1.168	4.52
102)	T	Hexachloro-1,3-			0.794	0.768	0.797	0.784	0.804	0.789	1.76
103)	T	Naphthalene			1.939	2.142	2.158	2.292	2.258	2.158	6.39
104)	T	1,2,3-Trichloro		1.063	1.062	1.090	1.099	1.119	1.114	1.091	2.24

(#) = Out of Range

072606.M Wed Jul 26 15:56:57 2006

Response FGCMS T

Method E Integrato)
Title : EPA 8260B
Last Update : Wed Jul 26 15:53:46 2006
Response via : Initial Calibration

Calibration Files
0.5 =26JU=26JUL006 200 =26J UL003.D
20 =26JU=26JUL004.D

NJK
7/26

Avg % RSD = 5.825570

Compound	50	100	200	Avg	%RSD
1) I Penta STD					
2) T Dichl	0.796	0.764	0.759	0.775	2.54
3) P Chlor	0.719	0.790	0.778	0.78	6.78
4) CCC Vin	0.662	0.680	0.669	0.689	4.74
5) T Brom	0.422	0.239	0.23	0.368	28.23
6) T Chlor	0.369	0.329	0.333	0.37	10.74
7) T Trich	1.048	0.951	0.818	0.983	9.4
8) T Ethan	0.005	0.005	0.004	0.005#	6.92
9) T Dieth	0.255	0.252	0.23	0.256	6.63
10) T 2-Ch	0.709	0.651	0.603	0.728	19.92
11) T Ace	0.022	0.018	0.015	0.020#	19.85
12) T Iodo	0.597	0.539	0.602	0.553	7.89
13) CCC 1,	0.729	0.686	0.648	0.694	4.75
14) T 1,1,2	0.512	0.483	0.433	0.486	6.57
15) T Tert	0.029	0.033	0.031	0.031#	5.14
16) T Carb	1.404	1.358	1.304	1.377	3.37
17) T Ace	0.789	0.779	0.743	0.781	2.86
18) T Acry	0.134	0.137	0.121	0.133	5.27
19) T Allyl	0.789	0.778	0.743	0.779	2.69
20) T Acro	0.185	0.183	0.163	0.181	5.86
21) T Meth	0.287	0.275	0.249	0.281	7.11
22) T Meth	0.522	0.485	0.445	0.643	38.8
23) T 1-Ch	0.768	0.730	0.696	0.749	4.1
24) T t-1,2	0.456	0.440	0.421	0.45	3.72
25) T Isob	0.287	0.275	0.249	0.281	7.2
26) T Meth	1.101	1.091	1.024	1.082	3.39
27) T Hex	0.710	0.728	0.719	0.721	1.01
28) P 1,1-	0.847	0.795	0.767	0.825	4.4
29) T Viny	0.075	0.082	0.076	0.080#	5.01
30) T Diis	1.380	1.352	1.328	1.361	2
31) T Chlo	0.699	0.678	0.67	0.681	1.99
32) T Ethy	1.196	1.206	1.17	1.177	3.19
33) T c-1,	0.455	0.447	0.434	0.458	3.4
34) T 2,2-	0.702	0.682	0.682	0.684	1.63
35) T 2-Bu	0.143	0.131	0.125	0.135	5.53

36)	T	Prop	0.049	0.054	0.046	0.050#	5.88
37)	T	Meth	0.249	0.247	0.234	0.245	2.94
38)	T	Prop	0.055	0.054	0.052	0.055#	4.72
39)	T	Brom	0.305	0.286	0.272	0.297	4.98
40)	T	Tetr	0.110	0.113	0.104	0.113	5.34
41)	CCC	C	0.853	0.791	0.778	0.831	4.74
42)	S	Dibr	0.434	0.413	0.398	0.424	4.56
43)	T	1,1,1	0.821	0.761	0.763	0.778	3.09
44)	T	Cyc	0.716	0.700	0.679	0.73	6.47
45)	T	1,1-	0.666	0.643	0.638	0.654	1.7
46)	T	Carb	0.757	0.699	0.708	0.71	2.97
47)	S	1,2-	0.577	0.511	0.502	0.538	6.41
48)	I	1,4-D	STD----------			--------	
49)	T	Ben	1.290	1.276	1.306	1.317	2.6
50)	T	1,2-	0.499	0.453	0.46	0.488	4.96
51)	T	Tert	0.755	0.762	0.764	0.748	3.95
52)	T	Thio	0.664	0.652	0.661	0.658	1.05
53)	T	Tric	0.358	0.345	0.353	0.359	3.18
54)	CCC	1,	0.327	0.316	0.319	0.326	2.31
55)	T	Meth	0.609	0.619	0.637	0.616	2.1
56)	T	Dibr	0.189	0.179	0.176	0.185	3.92
57)	T	Meth	0.192	0.200	0.197	0.192	4.26
58)		1,4-D	0.003	0.003	0.003	0.003#	4.42
59)	T	Brom	0.473	0.448	0.461	0.458	2.09
60)	T	2-Ch	0.024	0.030	0.04	0.031#	18.82
61)	T	c-1,	0.525	0.525	0.541	0.502	7.26
62)	S	Tolu	1.162	1.169	1.217	1.179	2.23
63)	CCC	Tol	1.368	1.376	1.469	1.373	3.94
64)	T	4-M	0.089	0.096	0.094	0.090#	5.91
65)	I	Chlo	STD----------			--------	
66)	T	t-1,3	0.545	0.539	0.53	0.501	9.12
67)	T	Ethy	0.395	0.412	0.402	0.393	4.02
68)	T	1,1,2	0.257	0.242	0.229	0.251	5.82
69)	T	Tetr	0.506	0.495	0.496	0.501	1.2
70)	T	1,3-	0.550	0.516	0.498	0.528	3.75
71)	T	2-He	0.078	0.082	0.078	0.076#	7.39
72)	T	Dibr	0.406	0.394	0.393	0.39	2.39
73)	T	1,2-	0.317	0.309	0.298	0.302	4.93
74)	P	Chlo	1.031	1.025	1.041	1.029	0.72
75)	T	1,1,1	0.405	0.387	0.395	0.387	3.59
76)	CCC	E	1.712	1.695	1.739	1.666	4.23
77)	T	p/m-	1.343	1.301	1.328	1.257	7.1
78)	T	o-Xy	1.367	1.334	1.367	1.299	6.65
79)	T	Styr	1.117	1.112	1.144	1.062	8.35
80)	P	Brom	0.284	0.275	0.283	0.265	7.86
81)	T	Isop	1.761	1.751	1.854	1.667	10.44
82)	S	1,4-	0.490	0.478	0.505	0.486	2.73

83) T	1,2,3	0.508	0.488	0.494	0.481	4.15
84) T	Brom	0.482	0.469	0.5	0.462	6.86
85) P	1,1,	0.395	0.379	0.373	0.384	2.17
86) T	n-Pr	2.139	2.065	2.194	2.001	9.27
87) T	t-1,4	0.130	0.124	0.129	0.124	4.96
88) T	2-Ch	1.213	1.171	1.251	1.142	9.93
89) T	1,3,5	1.520	1.468	1.561	1.414	10.66
90) I	1,4-D	STD----------		--------		
91) T	4-Ch	2.250	2.233	2.32	2.237	3.29
92) T	1,2,4	2.384	2.443	2.542	2.352	7.31
93) T	tert-	2.542	2.639	2.726	2.505	7.69
94) T	p-Is	2.820	2.908	2.998	2.776	7.19
95) T	sec-	3.233	3.338	3.425	3.19	7.09
96) T	1,3-	1.562	1.585	1.614	1.583	1.2
97) T	1,4-	1.571	1.585	1.626	1.571	2.38
98) T	1,2-	1.453	1.446	1.48	1.446	3.72
99) T	n-Bu	2.528	2.536	2.567	2.435	6.33
100) T	1,2	0.125	0.123	0.117	0.12	3.72
101) T	1,2	1.180	1.216	1.224	1.168	4.52
102) T	He	0.797	0.784	0.804	0.789	1.76
103) T	Na	2.158	2.292	2.258	2.158	6.39
104) T	1,2	1.099	1.119	1.114	1.091	2.24

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(#) = Out of Range 5.8255

072606.M 6

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL002.D
Acq On : 26 Jul 2006 12:02 pm
Sample : CCV V072606A/B
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 15:58:44 2006

Vial: 2
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 15:53:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.69	168	846782	50.00	ug/l	0.00
48) 1,4-Difluorobenzene	7.62	114	1180023	50.00	ug/l	0.00
65) Chlorobenzene-d5	11.21	117	1054616	50.00	ug/l	0.00
90) 1,4-Dichlorobenzene-d4	14.09	152	680110	50.00	ug/l	0.00

System Monitoring Compounds						
42) Dibromofluoromethane	6.60	113	367901	51.19	ug/l	0.00
Spiked Amount 50.000	Range 74 - 140		Recovery = 102.38%			
47) 1,2-Dichloroethane-d4	7.03	65	488627	53.61	ug/l	0.00
Spiked Amount 50.000	Range 74 - 146		Recovery = 107.22%			
62) Toluene-d8	9.45	98	1371010	49.28	ug/l	0.00
Spiked Amount 50.000	Range 90 - 108		Recovery = 98.56%			
82) 1,4-Bromofluorobenzene	12.66	95	516911	50.41	ug/l	0.00
Spiked Amount 50.000	Range 74 - 110		Recovery = 100.82%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.67	85	673840	51.32	ug/l	100
3) Chloromethane	1.86	50	608895	46.07	ug/l	100
4) Vinyl Chloride	1.97	62	559789	48.01	ug/l	100
5) Bromomethane	2.31	94	357718	57.42	ug/l	100
6) Chloroethane	2.43	64	312282	49.87	ug/l	100
7) Trichlorofluoromethane	2.74	101	887778	53.30	ug/l	100
8) Ethanol	3.00	45	44364	527.97	ug/l	100
9) Diethyl Ether	3.12	45	215771	49.80	ug/l	100
10) 2-Chloropropane	3.21	43	600043	48.64	ug/l	100
11) Acetone	3.48	58	18605	54.30	ug/l	100
12) Iodomethane	3.60	142	505541	53.96	ug/l	100
13) 1,1-Dichloroethene	3.39	61	617180	52.51	ug/l	100
14) 1,1,2-Trichloro-1,2,2-Trif	3.41	101	433723	52.67	ug/l	100
15) Tert-Butyl Alcohol (TBA)	4.34	59	122532	234.46	ug/l	100
16) Carbon Disulfide	3.69	76	1188877	50.99	ug/l	100
17) Acetonitrile	3.92	41	668806	50.58	ug/l	100
18) Acrylonitrile	4.47	53	113174	50.33	ug/l	100
19) Allyl Chloride	3.92	41	666506	50.51	ug/l	100
20) Acrolein	3.26	56	312471	101.91	ug/l	100
21) Methyl Acetate	3.97	43	242840	51.04	ug/l	100
22) Methylene Chloride	4.09	84	441397	40.53	ug/l	100
23) 1-Chloropropane	4.15	42	649789	51.24	ug/l	100
24) t-1,2-Dichloroethene	4.53	96	386329	50.73	ug/l	100
25) Isobutyl Alcohol	3.97	43	242840	51.06	ug/l	100
26) Methyl-t-Butyl Ether (MTBE	4.56	73	932728	50.90	ug/l	100
27) Hexane	4.97	57	601523	49.25	ug/l	100

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL002.D
Acq On : 26 Jul 2006 12:02 pm
Sample : CCV V072606A/B
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 15:58:44 2006

Vial: 2
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 15:53:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) 1,1-Dichloroethane	5.14	63	717205	51.30 ug/l	100
29) Vinyl Acetate	5.23	86	63397	46.98 ug/l	100
30) Diisopropyl Ether (DIPE)	5.29	45	1168170	50.69 ug/l	100
31) Chloroprene	5.27	53	592069	51.33 ug/l	100
32) Ethyl-t-Butyl Ether (ETBE)	5.80	59	1012478	50.79 ug/l	100
33) c-1,2-Dichloroethene	5.95	96	385668	49.72 ug/l	100
34) 2,2-Dichloropropane	5.95	77	594216	51.31 ug/l	100
35) 2-Butanone	5.98	43	121336	52.95 ug/l	100
36) Propionitrile	6.03	54	41618	49.23 ug/l	99
37) Methacrylonitrile	6.25	41	210814	50.81 ug/l	100
38) Propanedinitrile	6.25	66	46976	50.07 ug/l	100
39) Bromochloromethane	6.26	130	258045	51.24 ug/l	100
40) Tetrahydrofuran	6.35	42	93455	48.85 ug/l	100
41) Chloroform	6.39	83	723149	51.38 ug/l	100
43) 1,1,1-Trichloroethane	6.63	97	695288	52.75 ug/l	100
44) Cyclohexane	6.71	84	606613	49.09 ug/l	100
45) 1,1-Dichloropropene	6.86	75	564155	50.92 ug/l	100
46) Carbon Tetrachloride	6.86	117	642395	53.44 ug/l	100
49) Benzene	7.12	78	1521154	48.95 ug/l	100
50) 1,2-Dichloroethane	7.13	62	588492	51.13 ug/l	100
51) Tert-Amyl-Methyl Ether (TA	7.29	73	889902	50.44 ug/l	100
52) Thiophene	7.38	84	783102	50.45 ug/l	100
53) Trichloroethene	7.94	95	421812	49.82 ug/l	100
54) 1,2-Dichloropropane	8.21	63	385247	50.05 ug/l	100
55) Methylcyclohexane	8.20	83	717698	49.36 ug/l	100
56) Dibromomethane	8.35	93	222676	51.01 ug/l	100
57) Methyl Methacrylate	8.38	69	226571	50.00 ug/l	100
58) 1,4-Dioxane	8.39	88	36060	501.35 ug/l	100
59) Bromodichloromethane	8.56	83	557681	51.58 ug/l	100
60) 2-Chloroethyl Vinyl Ether	8.94	63	28738	39.18 ug/l	100
61) c-1,3-Dichloropropene	9.12	75	618611	52.17 ug/l	100
63) Toluene	9.53	91	1612872	49.79 ug/l	100
64) 4-Methyl-2-Pentanone	9.30	58	105307	49.67 ug/l	100
66) t-1,3-Dichloropropene	9.79	75	574545	54.41 ug/l	100
67) Ethyl Methacrylate	9.92	69	416371	50.17 ug/l	100
68) 1,1,2-Trichloroethane	10.01	83	271494	51.33 ug/l	100
69) Tetrachloroethene	10.21	166	533987	50.51 ug/l	100
70) 1,3-Dichloropropane	10.21	76	579605	52.04 ug/l	100
71) 2-Hexanone	10.33	58	82100	51.23 ug/l	100
72) Dibromochloromethane	10.50	129	427791	51.96 ug/l	100
73) 1,2-Dibromoethane	10.63	107	334746	52.48 ug/l	100

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL002.D
Acq On : 26 Jul 2006 12:02 pm
Sample : CCV V072606A/B
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 15:58:44 2006

Vial: 2
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 15:53:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74) Chlorobenzene	11.25	112	1087068	50.10 ug/l	100
75) 1,1,1,2-Tetrachloroethane	11.34	131	426792	52.29 ug/l	100
76) Ethylbenzene	11.39	91	1805673	51.38 ug/l	100
77) p/m-Xylene	11.54	91	2832903	106.82 ug/l	100
78) o-Xylene	12.02	91	1441329	52.59 ug/l	100
79) Styrene	12.03	104	1177486	52.58 ug/l	100
80) Bromoform	12.25	173	299819	53.74 ug/l	100
81) Isopropylbenzene	12.48	105	1857680	52.82 ug/l	100
83) 1,2,3-Trichloropropane	12.88	75	536258	52.83 ug/l	100
84) Bromobenzene	12.84	156	507849	52.08 ug/l	100
85) 1,1,2,2-Tetrachloroethane	12.82	83	416188	51.40 ug/l	100
86) n-Propylbenzene	12.99	91	2255384	53.43 ug/l	100
87) t-1,4-Dichloro-2-Butene	12.89	53	136933	52.48 ug/l	100
88) 2-Chlorotoluene	13.09	91	1278786	53.10 ug/l	100
89) 1,3,5-Trimethylbenzene	13.21	105	1602430	53.72 ug/l	100
91) 4-Chlorotoluene	13.22	91	1530393	50.30 ug/l	100
92) 1,2,4-Trimethylbenzene	13.67	105	1621578	50.69 ug/l	100
93) tert-Butylbenzene	13.61	119	1728889	50.74 ug/l	100
94) p-Isopropyltoluene	14.06	119	1918082	50.80 ug/l	100
95) sec-Butylbenzene	13.89	105	2199063	50.67 ug/l	100
96) 1,3-Dichlorobenzene	14.02	146	1062029	49.34 ug/l	100
97) 1,4-Dichlorobenzene	14.13	146	1068384	50.00 ug/l	100
98) 1,2-Dichlorobenzene	14.59	146	988218	50.24 ug/l	100
99) n-Butylbenzene	14.58	91	1719403	51.91 ug/l	100
100) 1,2-Dibromo-3-Chloropropan	15.54	75	84740	51.96 ug/l	100
101) 1,2,4-Trichlorobenzene	16.60	180	802683	50.50 ug/l	100
102) Hexachloro-1,3-Butadiene	16.83	225	542174	50.49 ug/l	100
103) Naphthalene	16.91	128	1467976	50.01 ug/l	100
104) 1,2,3-Trichlorobenzene	17.23	180	747373	50.35 ug/l	100

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

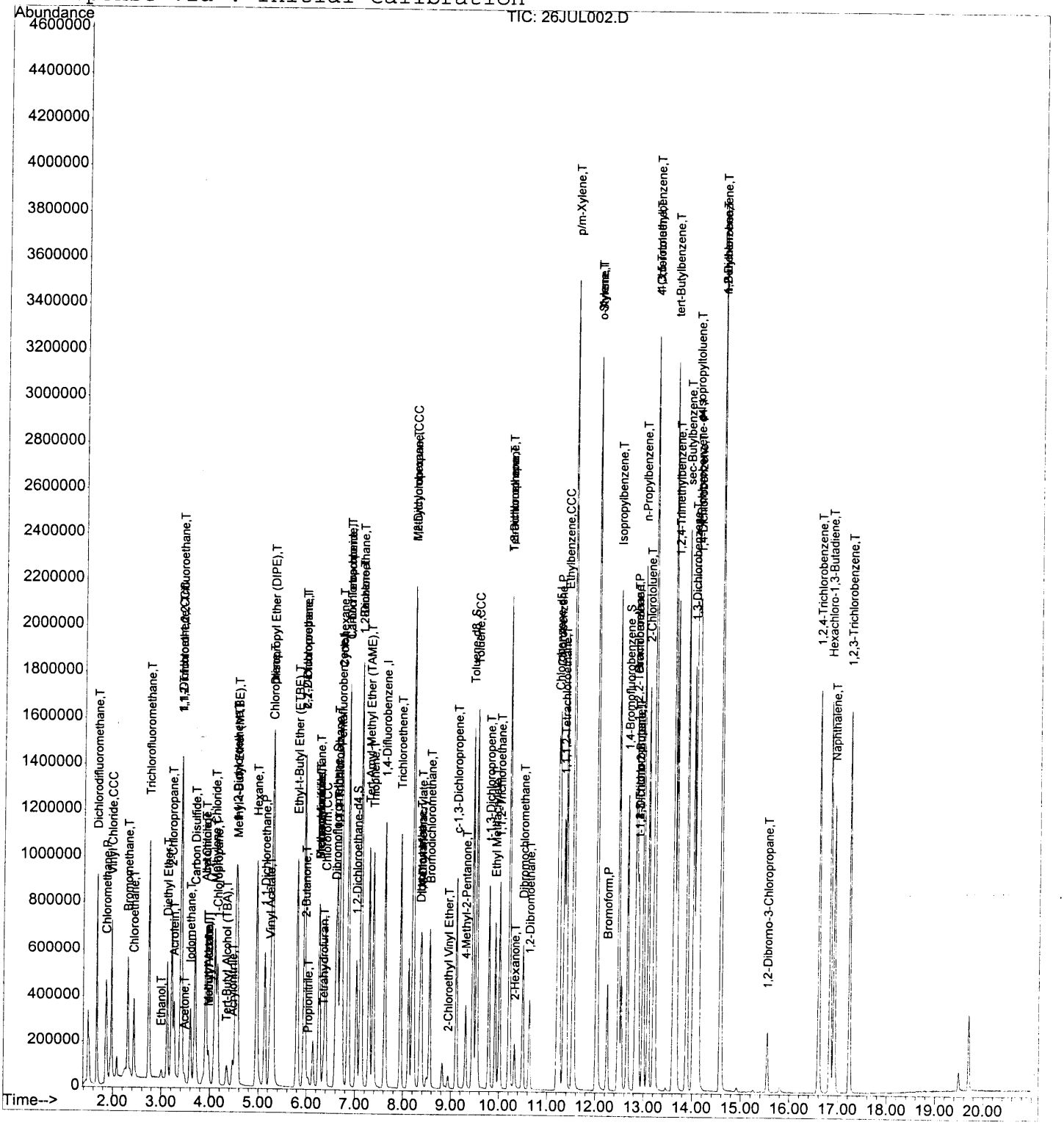
Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL002.D
Acq On : 26 Jul 2006 12:02 pm
Sample : CCV V072606A/B
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 15:58 2006

Vial: 2
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 15:53:46 2006
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : D:\DATA\072606\26JUL002.D
Acq On : 26 Jul 2006 12:02 pm
Sample : CCV V072606A/B
Misc : V063006C
MS Integration Params: RTEINT.P

Vial: 2
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 15:53:46 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	100	0.00
2	T	Dichlorodifluoromethane	0.775	0.796	-2.7	100	0.00
3	P	Chloromethane	0.780	0.719	7.8	100	0.00
4	CCC	Vinyl Chloride	0.689	0.661	4.1	100	0.00
5	T	Bromomethane	0.368	0.422	-14.7	100	0.00
6	T	Chloroethane	0.370	0.369	0.3	100	0.00
7	T	Trichlorofluoromethane	0.983	1.048	-6.6	100	0.00
8	T	Ethanol	0.005	0.005#	0.0	101	0.00
9	T	Diethyl Ether	0.256	0.255	0.4	100	0.00
10	T	2-Chloropropane	0.728	0.709	2.6	100	0.00
11	T	Acetone	0.020	0.022#	-10.0	100	0.00
12	T	Iodomethane	0.553	0.597	-8.0	100	0.00
13	CCC	1,1-Dichloroethene	0.694	0.729	-5.0	100	0.00
14	T	1,1,2-Trichloro-1,2,2-Trifl	0.486	0.512	-5.3	100	0.00
15	T	Tert-Butyl Alcohol (TBA)	0.031	0.029#	6.5	99	0.00
16	T	Carbon Disulfide	1.377	1.404	-2.0	100	0.00
17	T	Acetonitrile	0.781	0.790	-1.2	100	0.00
18	T	Acrylonitrile	0.133	0.134	-0.8	100	0.00
19	T	Allyl Chloride	0.779	0.787	-1.0	100	0.00
20	T	Acrolein	0.181	0.185	-2.2	100	0.00
21	T	Methyl Acetate	0.281	0.287	-2.1	100	0.00
22	T	Methylene Chloride	0.643	0.521	19.0	100	0.00
23	T	1-Chloropropane	0.749	0.767	-2.4	100	0.00
24	T	t-1,2-Dichloroethene	0.450	0.456	-1.3	100	0.00
25	T	Isobutyl Alcohol	0.281	0.287	-2.1	100	0.00
26	T	Methyl-t-Butyl Ether (MTBE)	1.082	1.101	-1.8	100	0.00
27	T	Hexane	0.721	0.710	1.5	100	0.00
28	P	1,1-Dichloroethane	0.825	0.847	-2.7	100	0.00
29	T	Vinyl Acetate	0.080	0.075#	6.3	100	0.00
30	T	Diisopropyl Ether (DIPE)	1.361	1.380	-1.4	100	0.00
31	T	Chloroprene	0.681	0.699	-2.6	100	0.00
32	T	Ethyl-t-Butyl Ether (ETBE)	1.177	1.196	-1.6	100	0.00
33	T	c-1,2-Dichloroethene	0.458	0.455	0.7	100	0.00
34	T	2,2-Dichloropropane	0.684	0.702	-2.6	100	0.00
35	T	2-Butanone	0.135	0.143	-5.9	100	0.00
36	T	Propionitrile	0.050	0.049#	2.0	100	0.00
37	T	Methacrylonitrile	0.245	0.249	-1.6	100	0.00
38	T	Propanedinitrile	0.055	0.055#	0.0	100	0.00
39	T	Bromochloromethane	0.297	0.305	-2.7	100	0.00
40	T	Tetrahydrofuran	0.113	0.110	2.7	100	0.00
41	CCC	Chloroform	0.831	0.854	-2.8	100	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\DATA\072606\26JUL002.D
Acq On : 26 Jul 2006 12:02 pm
Sample : CCV V072606A/B
Misc : V063006C
MS Integration Params: RTEINT.P

Vial: 2
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 15:53:46 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	S	Dibromofluoromethane	0.424	0.434	-2.4	100	0.00
43	T	1,1,1-Trichloroethane	0.778	0.821	-5.5	100	0.00
44	T	Cyclohexane	0.730	0.716	1.9	100	0.00
45	T	1,1-Dichloropropene	0.654	0.666	-1.8	100	0.00
46	T	Carbon Tetrachloride	0.710	0.759	-6.9	100	0.00
47	S	1,2-Dichloroethane-d4	0.538	0.577	-7.2	100	0.00
48	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
49	T	Benzene	1.317	1.289	2.1	100	0.00
50	T	1,2-Dichloroethane	0.488	0.499	-2.3	100	0.00
51	T	Tert-Amyl-Methyl Ether (TAM	0.748	0.754	-0.8	100	0.00
52	T	Thiophene	0.658	0.664	-0.9	100	0.00
53	T	Trichloroethene	0.359	0.357	0.6	100	0.00
54	CCC	1,2-Dichloropropane	0.326	0.326	0.0	100	0.00
55	T	Methylcyclohexane	0.616	0.608	1.3	100	0.00
56	T	Dibromomethane	0.185	0.189	-2.2	100	0.00
57	T	Methyl Methacrylate	0.192	0.192	0.0	100	0.00
58		1,4-Dioxane	0.003	0.003#	0.0	100	0.00
59	T	Bromodichloromethane	0.458	0.473	-3.3	100	0.00
60	T	2-Chloroethyl Vinyl Ether	0.031	0.024#	22.6#	100	0.00
61	T	c-1,3-Dichloropropene	0.502	0.524	-4.4	100	0.00
62	S	Toluene-d8	1.179	1.162	1.4	100	0.00
63	CCC	Toluene	1.373	1.367	0.4	100	0.00
64	T	4-Methyl-2-Pentanone	0.090	0.089#	1.1	100	0.00
65	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
66	T	t-1,3-Dichloropropene	0.501	0.545	-8.8	100	0.00
67	T	Ethyl Methacrylate	0.393	0.395	-0.5	100	0.00
68	T	1,1,2-Trichloroethane	0.251	0.257	-2.4	100	0.00
69	T	Tetrachloroethene	0.501	0.506	-1.0	100	0.00
70	T	1,3-Dichloropropane	0.528	0.550	-4.2	100	0.00
71	T	2-Hexanone	0.076	0.078#	-2.6	100	0.00
72	T	Dibromochloromethane	0.390	0.406	-4.1	100	0.00
73	T	1,2-Dibromoethane	0.302	0.317	-5.0	100	0.00
74	P	Chlorobenzene	1.029	1.031	-0.2	100	0.00
75	T	1,1,1,2-Tetrachloroethane	0.387	0.405	-4.7	100	0.00
76	CCC	Ethylbenzene	1.666	1.712	-2.8	100	0.00
77	T	p/m-Xylene	1.257	1.343	-6.8	100	0.00
78	T	o-Xylene	1.299	1.367	-5.2	100	0.00
79	T	Styrene	1.062	1.117	-5.2	100	0.00
80	P	Bromoform	0.265	0.284	-7.2	100	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\DATA\072606\26JUL002.D
Acq On : 26 Jul 2006 12:02 pm
Sample : CCV V072606A/B
Misc : V063006C
MS Integration Params: RTEINT.P

Vial: 2
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 15:53:46 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	Isopropylbenzene	1.667	1.761	-5.6	100	0.00
82	S	1,4-Bromofluorobenzene	0.486	0.490	-0.8	100	0.00
83	T	1,2,3-Trichloropropane	0.481	0.508	-5.6	100	0.00
84	T	Bromobenzene	0.462	0.482	-4.3	100	0.00
85	P	1,1,2,2-Tetrachloroethane	0.384	0.395	-2.9	100	0.00
86	T	n-Propylbenzene	2.001	2.139	-6.9	100	0.00
87	T	t-1,4-Dichloro-2-Butene	0.124	0.130	-4.8	100	0.00
88	T	2-Chlorotoluene	1.142	1.213	-6.2	100	0.00
89	T	1,3,5-Trimethylbenzene	1.414	1.519	-7.4	100	0.00
90	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
91	T	4-Chlorotoluene	2.237	2.250	-0.6	100	0.00
92	T	1,2,4-Trimethylbenzene	2.352	2.384	-1.4	100	0.00
93	T	tert-Butylbenzene	2.505	2.542	-1.5	100	0.00
94	T	p-Isopropyltoluene	2.776	2.820	-1.6	100	0.00
95	T	sec-Butylbenzene	3.190	3.233	-1.3	100	0.00
96	T	1,3-Dichlorobenzene	1.583	1.562	1.3	100	0.00
97	T	1,4-Dichlorobenzene	1.571	1.571	0.0	100	0.00
98	T	1,2-Dichlorobenzene	1.446	1.453	-0.5	100	0.00
99	T	n-Butylbenzene	2.435	2.528	-3.8	100	0.00
100	T	1,2-Dibromo-3-Chloropropane	0.120	0.125	-4.2	100	0.00
101	T	1,2,4-Trichlorobenzene	1.168	1.180	-1.0	100	0.00
102	T	Hexachloro-1,3-Butadiene	0.789	0.797	-1.0	100	0.00
103	T	Naphthalene	2.158	2.158	0.0	100	0.00
104	T	1,2,3-Trichlorobenzene	1.091	1.099	-0.7	100	0.00

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL012.D
Acq On : 26 Jul 2006 4:41 pm
Sample : LCS V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 17:11:29 2006

Vial: 12
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	6.69	168	872735	50.00 ug/l	0.00
48) 1,4-Difluorobenzene	7.62	114	1196237	50.00 ug/l	0.00
65) Chlorobenzene-d5	11.21	117	1075904	50.00 ug/l	0.00
90) 1,4-Dichlorobenzene-d4	14.09	152	678890	50.00 ug/l	0.00
System Monitoring Compounds					
42) Dibromofluoromethane	6.60	113	368519	49.75 ug/l	0.00
Spiked Amount 50.000	Range 74 - 140		Recovery = 99.50%		
47) 1,2-Dichloroethane-d4	7.03	65	467931	49.81 ug/l	0.00
Spiked Amount 50.000	Range 74 - 146		Recovery = 99.62%		
62) Toluene-d8	9.45	98	1392564	49.38 ug/l	0.00
Spiked Amount 50.000	Range 90 - 108		Recovery = 98.76%		
82) 1,4-Bromofluorobenzene	12.66	95	519598	49.67 ug/l	0.00
Spiked Amount 50.000	Range 74 - 110		Recovery = 99.34%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.67	85	390271	28.84 ug/l	99
3) Chloromethane	1.86	50	472268	34.67 ug/l	96
4) Vinyl Chloride	1.97	62	464633	38.66 ug/l	99
5) Bromomethane	2.31	94	331177	51.58 ug/l	99
6) Chloroethane	2.44	64	289878	44.91 ug/l	97
7) Trichlorofluoromethane	2.74	101	781511	45.53 ug/l	98
8) Ethanol	3.00	45	42189	487.16 ug/l	99
9) Diethyl Ether	3.12	45	216772	48.54 ug/l	99
10) 2-Chloropropane	3.21	43	606318	47.68 ug/l	99
11) Acetone	3.48	58	15030	42.56 ug/l	100
12) Iodomethane	3.60	142	518989	53.74 ug/l	96
13) 1,1-Dichloroethene	3.40	61	550587	45.45 ug/l	97
14) 1,1,2-Trichloro-1,2,2-Trif	3.41	101	389655	45.91 ug/l	100
15) Tert-Butyl Alcohol (TBA)	4.34	59	120375	223.48 ug/l	99
16) Carbon Disulfide	3.70	76	1146803	47.73 ug/l	98
17) Acetonitrile	3.92	41	635697	46.65 ug/l	100
18) Acrylonitrile	4.47	53	112279	48.44 ug/l	90
19) Allyl Chloride	3.92	41	635858	46.75 ug/l	98
20) Acrolein	3.26	56	299912	94.90 ug/l	97
21) Methyl Acetate	3.97	43	229107	46.72 ug/l	98
22) Methylene Chloride	4.10	84	460637	41.04 ug/l	98
23) 1-Chloropropane	4.15	42	645716	49.41 ug/l	99
24) t-1,2-Dichloroethene	4.52	96	387783	49.41 ug/l	99
25) Isobutyl Alcohol	3.97	43	229107	46.74 ug/l	94
26) Methyl-t-Butyl Ether (MTBE	4.56	73	916765	48.54 ug/l	97
27) Hexane	4.97	57	597130	47.44 ug/l	98

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL012.D
Acq On : 26 Jul 2006 4:41 pm
Sample : LCS V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 17:11:29 2006

Vial: 12
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) 1,1-Dichloroethane	5.14	63	715180	49.64 ug/l	100
29) Vinyl Acetate	5.24	86	64995	46.73 ug/l #	73
30) Diisopropyl Ether (DIPE)	5.29	45	1153328	48.56 ug/l	100
31) Chloroprene	5.28	53	599065	50.39 ug/l	95
32) Ethyl-t-Butyl Ether (ETBE)	5.80	59	998553	48.60 ug/l	99
33) c-1,2-Dichloroethene	5.95	96	398523	49.85 ug/l	98
34) 2,2-Dichloropropane	5.95	77	599137	50.20 ug/l	99
35) 2-Butanone	5.98	43	103288	43.73 ug/l	94
36) Propionitrile	6.03	54	42162	48.39 ug/l	88
37) Methacrylonitrile	6.25	41	207071	48.42 ug/l	99
38) Propanedinitrile	6.25	66	44100	45.61 ug/l	97
39) Bromochloromethane	6.26	130	258608	49.83 ug/l	97
40) Tetrahydrofuran	6.35	42	94991	48.17 ug/l	92
41) Chloroform	6.39	83	728784	50.24 ug/l	99
43) 1,1,1-Trichloroethane	6.63	97	686170	50.51 ug/l	97
44) Cyclohexane	6.72	84	607281	47.68 ug/l	99
45) 1,1-Dichloropropene	6.86	75	568344	49.77 ug/l	96
46) Carbon Tetrachloride	6.86	117	622984	50.28 ug/l	97
49) Benzene	7.12	78	1542497	48.97 ug/l	99
50) 1,2-Dichloroethane	7.13	62	580324	49.73 ug/l	99
51) Tert-Amyl-Methyl Ether (TA	7.29	73	861540	48.17 ug/l	99
52) Thiophene	7.38	84	777807	49.43 ug/l	100
53) Trichloroethene	7.94	95	428761	49.95 ug/l	98
54) 1,2-Dichloropropane	8.21	63	392372	50.29 ug/l	100
55) Methylcyclohexane	8.20	83	725168	49.19 ug/l	98
56) Dibromomethane	8.35	93	221984	50.16 ug/l	98
57) Methyl Methacrylate	8.38	69	225603	49.11 ug/l	95
58) 1,4-Dioxane	8.39	88	36683	503.10 ug/l	91
59) Bromodichloromethane	8.56	83	558459	50.95 ug/l	94
60) 2-Chloroethyl Vinyl Ether	8.94	63	23489	31.59 ug/l	99
61) c-1,3-Dichloropropene	9.11	75	624630	51.96 ug/l	100
63) Toluene	9.53	91	1659087	50.52 ug/l	98
64) 4-Methyl-2-Pentanone	9.30	58	102035	47.47 ug/l	99
66) t-1,3-Dichloropropene	9.79	75	582882	54.11 ug/l	100
67) Ethyl Methacrylate	9.92	69	415426	49.07 ug/l	98
68) 1,1,2-Trichloroethane	10.01	83	268099	49.69 ug/l	99
69) Tetrachloroethene	10.21	166	539065	49.98 ug/l	97
70) 1,3-Dichloropropane	10.21	76	571825	50.33 ug/l	100
71) 2-Hexanone	10.32	58	78302	47.89 ug/l	95
72) Dibromochloromethane	10.50	129	427915	50.94 ug/l	100
73) 1,2-Dibromoethane	10.63	107	332391	51.08 ug/l	99

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL012.D
Acq On : 26 Jul 2006 4:41 pm
Sample : LCS V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 17:11:29 2006

Vial: 12
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	Chlorobenzene	11.25	112	1112971	50.28 ug/l	100
75)	1,1,1,2-Tetrachloroethane	11.34	131	425418	51.09 ug/l	96
76)	Ethylbenzene	11.39	91	1875271	52.30 ug/l	100
77)	p/m-Xylene	11.54	91	2926389	108.16 ug/l	98
78)	o-Xylene	12.02	91	1491195	53.33 ug/l	98
79)	Styrene	12.03	104	1217318	53.28 ug/l	96
80)	Bromoform	12.24	173	290460	51.03 ug/l	98
81)	Isopropylbenzene	12.48	105	1915921	53.40 ug/l	99
83)	1,2,3-Trichloropropane	12.88	75	527919	50.98 ug/l	98
84)	Bromobenzene	12.84	156	518068	52.07 ug/l	98
85)	1,1,2,2-Tetrachloroethane	12.82	83	413178	50.02 ug/l	96
86)	n-Propylbenzene	12.99	91	2325207	53.99 ug/l	99
87)	t-1,4-Dichloro-2-Butene	12.90	53	132559	49.80 ug/l	97
88)	2-Chlorotoluene	13.09	91	1317550	53.63 ug/l	98
89)	1,3,5-Trimethylbenzene	13.21	105	1661324	54.59 ug/l	99
91)	4-Chlorotoluene	13.22	91	1560629	51.39 ug/l	99
92)	1,2,4-Trimethylbenzene	13.67	105	1681068	52.65 ug/l	98
93)	tert-Butylbenzene	13.61	119	1763311	51.85 ug/l	99
94)	p-Isopropyltoluene	14.06	119	1981251	52.57 ug/l	99
95)	sec-Butylbenzene	13.89	105	2266182	52.31 ug/l	99
96)	1,3-Dichlorobenzene	14.02	146	1080223	50.27 ug/l	98
97)	1,4-Dichlorobenzene	14.13	146	1077810	50.53 ug/l	99
98)	1,2-Dichlorobenzene	14.59	146	988894	50.36 ug/l	97
99)	n-Butylbenzene	14.58	91	1752571	53.00 ug/l	99
100)	1,2-Dibromo-3-Chloropropan	15.54	75	81488	50.05 ug/l	100
101)	1,2,4-Trichlorobenzene	16.60	180	816595	51.47 ug/l	100
102)	Hexachloro-1,3-Butadiene	16.83	225	538958	50.28 ug/l	99
103)	Naphthalene	16.91	128	1448634	49.44 ug/l	100
104)	1,2,3-Trichlorobenzene	17.23	180	748275	50.51 ug/l	100

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

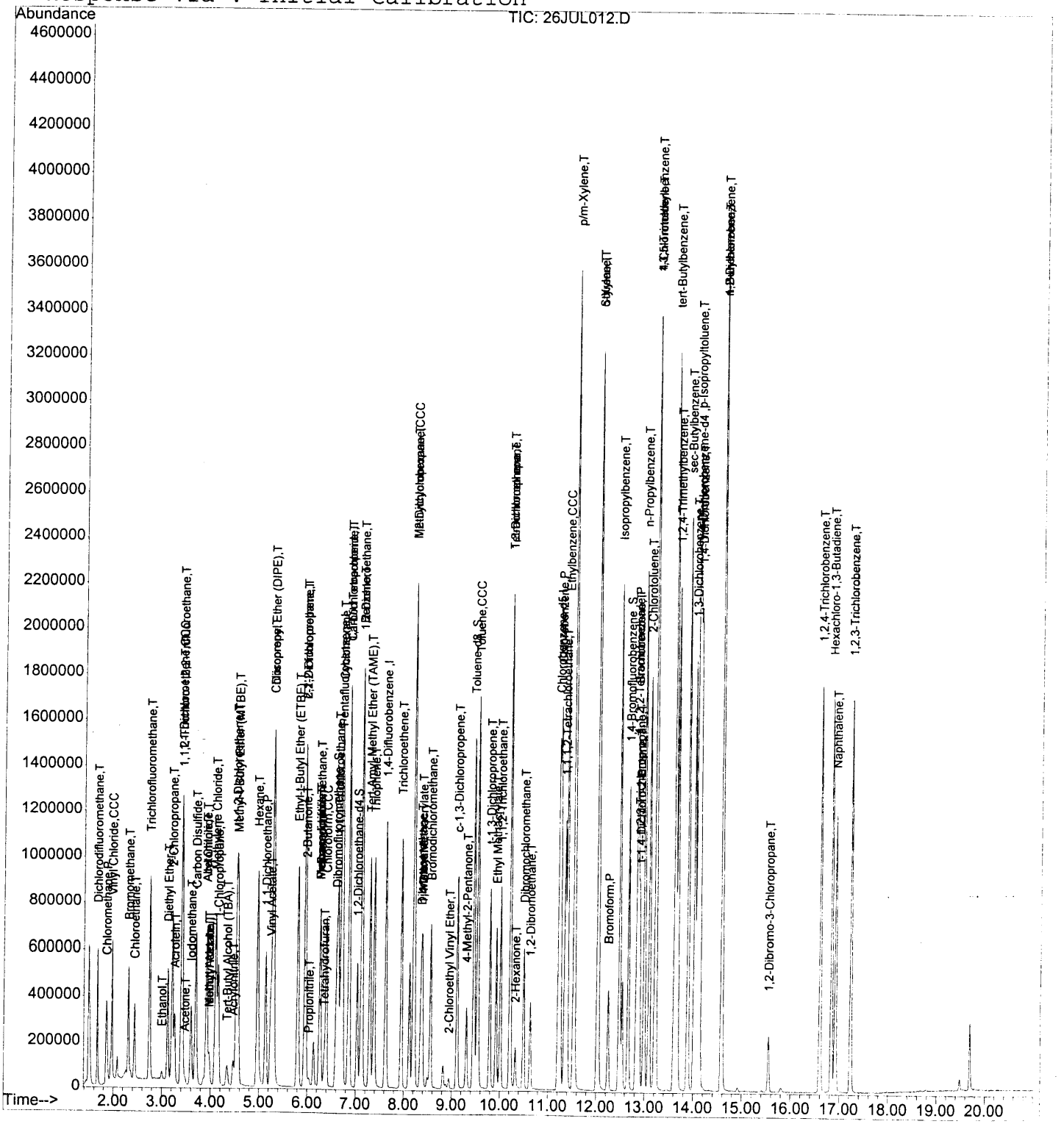
Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL012.D
Acq On : 26 Jul 2006 4:41 pm
Sample : LCS V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 17:11 2006

Vial: 12
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL013.D
Acq On : 26 Jul 2006 5:08 pm
Sample : LCSD V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 17:37:38 2006

Vial: 13
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	6.69	168	912458	50.00 ug/l	0.00
48) 1,4-Difluorobenzene	7.62	114	1252787	50.00 ug/l	0.00
65) Chlorobenzene-d5	11.21	117	1120790	50.00 ug/l	0.00
90) 1,4-Dichlorobenzene-d4	14.09	152	692012	50.00 ug/l	0.00
System Monitoring Compounds					
42) Dibromofluoromethane	6.60	113	384374	49.63 ug/l	0.00
Spiked Amount 50.000	Range 74 - 140		Recovery = 99.26%		
47) 1,2-Dichloroethane-d4	7.03	65	490319	49.92 ug/l	0.00
Spiked Amount 50.000	Range 74 - 146		Recovery = 99.84%		
62) Toluene-d8	9.45	98	1445062	48.93 ug/l	0.00
Spiked Amount 50.000	Range 90 - 108		Recovery = 97.86%		
82) 1,4-Bromofluorobenzene	12.66	95	536232	49.20 ug/l	0.00
Spiked Amount 50.000	Range 74 - 110		Recovery = 98.40%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.67	85	414042	29.27 ug/l	99
3) Chloromethane	1.86	50	505872	35.52 ug/l	98
4) Vinyl Chloride	1.97	62	505234	40.21 ug/l	99
5) Bromomethane	2.31	94	342960	51.09 ug/l	95
6) Chloroethane	2.43	64	305521	45.28 ug/l	98
7) Trichlorofluoromethane	2.74	101	805840	44.90 ug/l	99
8) Ethanol	3.00	45	41724	460.81 ug/l	86
9) Diethyl Ether	3.12	45	223598	47.89 ug/l	99
10) 2-Chloropropane	3.21	43	602458	45.32 ug/l	99
11) Acetone	3.48	58	15933	43.16 ug/l	88
12) Iodomethane	3.60	142	543412	53.82 ug/l	96
13) 1,1-Dichloroethene	3.39	61	574212	45.34 ug/l	97
14) 1,1,2-Trichloro-1,2,2-Trif	3.41	101	403760	45.50 ug/l	99
15) Tert-Butyl Alcohol (TBA)	4.34	59	135429	240.49 ug/l	96
16) Carbon Disulfide	3.69	76	1188515	47.31 ug/l	99
17) Acetonitrile	3.91	41	660758	46.37 ug/l	98
18) Acrylonitrile	4.47	53	125654	51.86 ug/l	94
19) Allyl Chloride	3.91	41	662299	46.58 ug/l	97
20) Acrolein	3.26	56	317864	96.20 ug/l	97
21) Methyl Acetate	3.97	43	243906	47.57 ug/l	99
22) Methylene Chloride	4.10	84	483606	41.21 ug/l	99
23) 1-Chloropropane	4.15	42	670356	49.06 ug/l	97
24) t-1,2-Dichloroethene	4.52	96	399737	48.72 ug/l	96
25) Isobutyl Alcohol	3.97	43	243906	47.59 ug/l	96
26) Methyl-t-Butyl Ether (MTBE	4.56	73	960394	48.63 ug/l	99
27) Hexane	4.96	57	628075	47.73 ug/l	97

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL013.D
Acq On : 26 Jul 2006 5:08 pm
Sample : LCSD V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 17:37:38 2006

Vial: 13
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) 1,1-Dichloroethane	5.13	63	737086	48.93 ug/l	98
29) Vinyl Acetate	5.24	86	68855	47.35 ug/l #	85
30) Diisopropyl Ether (DIPE)	5.29	45	1211133	48.78 ug/l	100
31) Chloroprene	5.28	53	616384	49.59 ug/l	95
32) Ethyl-t-Butyl Ether (ETBE)	5.80	59	1059890	49.34 ug/l	100
33) c-1,2-Dichloroethene	5.96	96	411526	49.24 ug/l	100
34) 2,2-Dichloropropane	5.95	77	618404	49.56 ug/l	99
35) 2-Butanone	5.99	43	113776	46.08 ug/l	99
36) Propionitrile	6.04	54	45811	50.29 ug/l	90
37) Methacrylonitrile	6.25	41	223625	50.02 ug/l	99
38) Propanedinitrile	6.24	66	49133	48.60 ug/l	98
39) Bromochloromethane	6.27	130	266730	49.16 ug/l	99
40) Tetrahydrofuran	6.35	42	100368	48.69 ug/l	94
41) Chloroform	6.39	83	743773	49.04 ug/l	99
43) 1,1,1-Trichloroethane	6.63	97	700794	49.34 ug/l	98
44) Cyclohexane	6.72	84	627904	47.16 ug/l	99
45) 1,1-Dichloropropene	6.86	75	588175	49.27 ug/l	99
46) Carbon Tetrachloride	6.86	117	648868	50.09 ug/l	98
49) Benzene	7.12	78	1588103	48.14 ug/l	100
50) 1,2-Dichloroethane	7.13	62	595116	48.70 ug/l	98
51) Tert-Amyl-Methyl Ether (TA	7.29	73	922904	49.27 ug/l	99
52) Thiophene	7.38	84	808427	49.05 ug/l	100
53) Trichloroethene	7.94	95	445693	49.58 ug/l	98
54) 1,2-Dichloropropane	8.21	63	407244	49.84 ug/l	99
55) Methylcyclohexane	8.20	83	746080	48.33 ug/l	99
56) Dibromomethane	8.35	93	229216	49.46 ug/l	98
57) Methyl Methacrylate	8.38	69	243902	50.70 ug/l	98
58) 1,4-Dioxane	8.39	88	38905	509.49 ug/l	96
59) Bromodichloromethane	8.56	83	576396	50.22 ug/l	95
60) 2-Chloroethyl Vinyl Ether	8.94	63	28902	37.11 ug/l	94
61) c-1,3-Dichloropropene	9.11	75	655115	52.04 ug/l	96
63) Toluene	9.53	91	1718908	49.98 ug/l	97
64) 4-Methyl-2-Pentanone	9.30	58	110544	49.11 ug/l	94
66) t-1,3-Dichloropropene	9.79	75	603605	53.79 ug/l	98
67) Ethyl Methacrylate	9.92	69	449916	51.01 ug/l	100
68) 1,1,2-Trichloroethane	10.01	83	281655	50.11 ug/l	98
69) Tetrachloroethene	10.21	166	558142	49.68 ug/l	96
70) 1,3-Dichloropropane	10.21	76	595444	50.31 ug/l	98
71) 2-Hexanone	10.32	58	78345	46.00 ug/l	94
72) Dibromochloromethane	10.49	129	443416	50.68 ug/l	100
73) 1,2-Dibromoethane	10.63	107	348407	51.40 ug/l	100

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL013.D
Acq On : 26 Jul 2006 5:08 pm
Sample : LCSD V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 17:37:38 2006

Vial: 13
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	Chlorobenzene	11.25	112	1143537	49.59 ug/l	99
75)	1,1,1,2-Tetrachloroethane	11.34	131	442261	50.98 ug/l	99
76)	Ethylbenzene	11.39	91	1913250	51.23 ug/l	97
77)	p/m-Xylene	11.53	91	2991119	106.13 ug/l	97
78)	o-Xylene	12.02	91	1517032	52.08 ug/l	98
79)	Styrene	12.03	104	1243771	52.26 ug/l	99
80)	Bromoform	12.25	173	307656	51.89 ug/l	98
81)	Isopropylbenzene	12.48	105	1974951	52.84 ug/l	100
83)	1,2,3-Trichloropropane	12.88	75	547900	50.79 ug/l	99
84)	Bromobenzene	12.84	156	527741	50.92 ug/l	97
85)	1,1,2,2-Tetrachloroethane	12.82	83	435596	50.62 ug/l	97
86)	n-Propylbenzene	12.99	91	2341239	52.19 ug/l	99
87)	t-1,4-Dichloro-2-Butene	12.90	53	140217	50.56 ug/l	99
88)	2-Chlorotoluene	13.09	91	1331767	52.03 ug/l	98
89)	1,3,5-Trimethylbenzene	13.21	105	1676100	52.87 ug/l	99
91)	4-Chlorotoluene	13.22	91	1587801	51.29 ug/l	100
92)	1,2,4-Trimethylbenzene	13.67	105	1692835	52.01 ug/l	99
93)	tert-Butylbenzene	13.61	119	1811461	52.25 ug/l	99
94)	p-Isopropyltoluene	14.06	119	2014785	52.45 ug/l	99
95)	sec-Butylbenzene	13.89	105	2301706	52.13 ug/l	99
96)	1,3-Dichlorobenzene	14.02	146	1089250	49.73 ug/l	100
97)	1,4-Dichlorobenzene	14.13	146	1088738	50.08 ug/l	99
98)	1,2-Dichlorobenzene	14.59	146	1003462	50.14 ug/l	99
99)	n-Butylbenzene	14.58	91	1771220	52.55 ug/l	99
100)	1,2-Dibromo-3-Chloropropan	15.54	75	83608	50.38 ug/l	96
101)	1,2,4-Trichlorobenzene	16.59	180	814664	50.37 ug/l	99
102)	Hexachloro-1,3-Butadiene	16.83	225	548042	50.16 ug/l	98
103)	Naphthalene	16.91	128	1457767	48.81 ug/l	100
104)	1,2,3-Trichlorobenzene	17.23	180	725208	48.02 ug/l	100

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

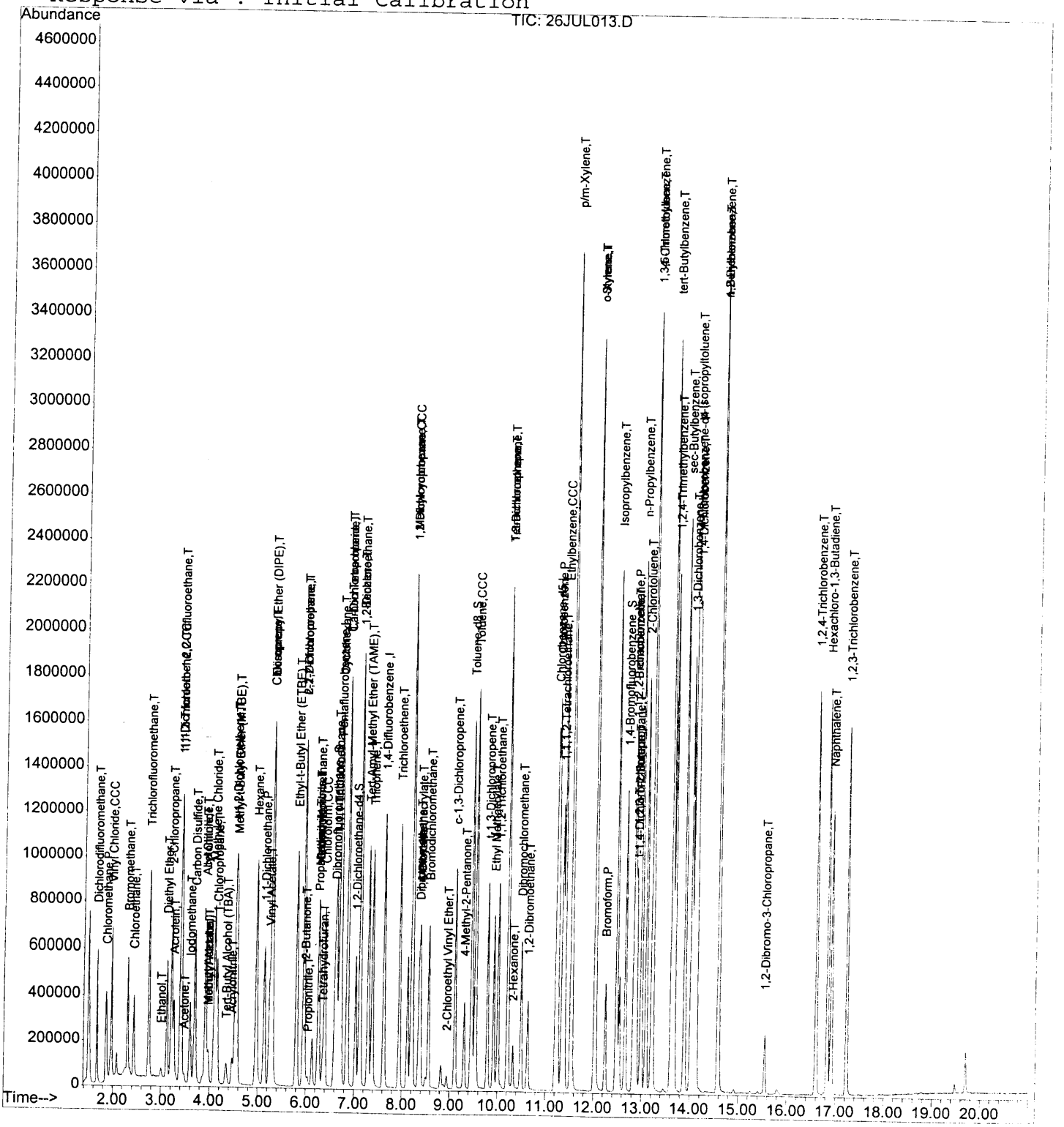
Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL013.D
Acq On : 26 Jul 2006 5:08 pm
Sample : LCSD V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 17:37 2006

Vial: 13
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : D:\DATA\072606\26JUL013.D
Acq On : 26 Jul 2006 5:08 pm
Sample : LCSD V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P

Vial: 13
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 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	108	0.00
2	T	Dichlorodifluoromethane	0.775	0.454	41.4#	61	0.00
3	P	Chloromethane	0.780	0.554	29.0#	83	0.00
4	CCC	Vinyl Chloride	0.689	0.554	19.6	90	0.00
5	T	Bromomethane	0.368	0.376	-2.2	96	0.00
6	T	Chloroethane	0.370	0.335	9.5	98	0.00
7	T	Trichlorofluoromethane	0.983	0.883	10.2	91	0.00
8	T	Ethanol	0.005	0.005#	0.0	95	0.00
9	T	Diethyl Ether	0.256	0.245	4.3	104	0.00
10	T	2-Chloropropane	0.728	0.660	9.3	100	0.00
11	T	Acetone	0.020	0.017#	15.0	86	0.00
12	T	Iodomethane	0.553	0.596	-7.8	107	0.00
13	CCC	1,1-Dichloroethene	0.694	0.629	9.4	93	0.00
14	T	1,1,2-Trichloro-1,2,2-Trifl	0.486	0.442	9.1	93	0.00
15	T	Tert-Butyl Alcohol (TBA)	0.031	0.030#	3.2	110	0.00
16	T	Carbon Disulfide	1.377	1.303	5.4	100	0.00
17	T	Acetonitrile	0.781	0.724	7.3	99	0.00
18	T	Acrylonitrile	0.133	0.138	-3.8	111	0.00
19	T	Allyl Chloride	0.779	0.726	6.8	99	0.00
20	T	Acrolein	0.181	0.174	3.9	102	0.00
21	T	Methyl Acetate	0.281	0.267	5.0	100	0.00
22	T	Methylene Chloride	0.643	0.530	17.6	110	0.00
23	T	1-Chloropropane	0.749	0.735	1.9	103	0.00
24	T	t-1,2-Dichloroethene	0.450	0.438	2.7	103	0.00
25	T	Isobutyl Alcohol	0.281	0.267	5.0	100	0.00
26	T	Methyl-t-Butyl Ether (MTBE)	1.082	1.053	2.7	103	0.00
27	T	Hexane	0.721	0.688	4.6	104	0.00
28	P	1,1-Dichloroethane	0.825	0.808	2.1	103	0.00
29	T	Vinyl Acetate	0.080	0.075#	6.3	109	0.00
30	T	Diisopropyl Ether (DIPE)	1.361	1.327	2.5	104	0.00
31	T	Chloroprene	0.681	0.676	0.7	104	0.00
32	T	Ethyl-t-Butyl Ether (ETBE)	1.177	1.162	1.3	105	0.00
33	T	c-1,2-Dichloroethene	0.458	0.451	1.5	107	0.00
34	T	2,2-Dichloropropane	0.684	0.678	0.9	104	0.00
35	T	2-Butanone	0.135	0.125	7.4	94	0.00
36	T	Propionitrile	0.050	0.050#	0.0	110	0.01
37	T	Methacrylonitrile	0.245	0.245	0.0	106	0.00
38	T	Propanedinitrile	0.055	0.054#	1.8	105	-0.01
39	T	Bromochloromethane	0.297	0.292	1.7	103	0.00
40	T	Tetrahydrofuran	0.113	0.110	2.7	107	0.00
41	CCC	Chloroform	0.831	0.815	1.9	103	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\DATA\072606\26JUL013.D
Acq On : 26 Jul 2006 5:08 pm
Sample : LCSD V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P

Vial: 13
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 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	S	Dibromofluoromethane	0.424	0.421	0.7	104	0.00
43	T	1,1,1-Trichloroethane	0.778	0.768	1.3	101	0.00
44	T	Cyclohexane	0.730	0.688	5.8	104	0.00
45	T	1,1-Dichloropropene	0.654	0.645	1.4	104	0.00
46	T	Carbon Tetrachloride	0.710	0.711	-0.1	101	0.00
47	S	1,2-Dichloroethane-d4	0.538	0.537	0.2	100	0.00
48	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
49	T	Benzene	1.317	1.268	3.7	104	0.00
50	T	1,2-Dichloroethane	0.488	0.475	2.7	101	0.00
51	T	Tert-Amyl-Methyl Ether (TAM	0.748	0.737	1.5	104	0.00
52	T	Thiophene	0.658	0.645	2.0	103	0.00
53	T	Trichloroethene	0.359	0.356	0.8	106	0.00
54	CCC	1,2-Dichloropropane	0.326	0.325	0.3	106	0.00
55	T	Methylcyclohexane	0.616	0.596	3.2	104	0.00
56	T	Dibromomethane	0.185	0.183	1.1	103	0.00
57	T	Methyl Methacrylate	0.192	0.195	-1.6	108	0.00
58		1,4-Dioxane	0.003	0.003#	0.0	108	0.00
59	T	Bromodichloromethane	0.458	0.460	-0.4	103	0.00
60	T	2-Chloroethyl Vinyl Ether	0.031	0.023#	25.8#	101	0.00
61	T	c-1,3-Dichloropropene	0.502	0.523	-4.2	106	0.00
62	S	Toluene-d8	1.179	1.153	2.2	105	0.00
63	CCC	Toluene	1.373	1.372	0.1	107	0.00
64	T	4-Methyl-2-Pentanone	0.090	0.088#	2.2	105	0.00
65	I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
66	T	t-1,3-Dichloropropene	0.501	0.539	-7.6	105	0.00
67	T	Ethyl Methacrylate	0.393	0.401	-2.0	108	0.00
68	T	1,1,2-Trichloroethane	0.251	0.251	0.0	104	0.00
69	T	Tetrachloroethene	0.501	0.498	0.6	105	0.00
70	T	1,3-Dichloropropane	0.528	0.531	-0.6	103	0.00
71	T	2-Hexanone	0.076	0.070#	7.9	95	0.00
72	T	Dibromochloromethane	0.390	0.396	-1.5	104	0.00
73	T	1,2-Dibromoethane	0.302	0.311	-3.0	104	0.00
74	P	Chlorobenzene	1.029	1.020	0.9	105	0.00
75	T	1,1,1,2-Tetrachloroethane	0.387	0.395	-2.1	104	0.00
76	CCC	Ethylbenzene	1.666	1.707	-2.5	106	0.00
77	T	p/m-Xylene	1.257	1.334	-6.1	106	0.00
78	T	o-Xylene	1.299	1.354	-4.2	105	0.00
79	T	Styrene	1.062	1.110	-4.5	106	0.00
80	P	Bromoform	0.265	0.274	-3.4	103	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\DATA\072606\26JUL013.D
Acq On : 26 Jul 2006 5:08 pm
Sample : LCSD V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P

Vial: 13
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 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	Isopropylbenzene	1.667	1.762	-5.7	106	0.00
82	S	1,4-Bromofluorobenzene	0.486	0.478	1.6	104	0.00
83	T	1,2,3-Trichloropropane	0.481	0.489	-1.7	102	0.00
84	T	Bromobenzene	0.462	0.471	-1.9	104	0.00
85	P	1,1,2,2-Tetrachloroethane	0.384	0.389	-1.3	105	0.00
86	T	n-Propylbenzene	2.001	2.089	-4.4	104	0.00
87	T	t-1,4-Dichloro-2-Butene	0.124	0.125	-0.8	102	0.00
88	T	2-Chlorotoluene	1.142	1.188	-4.0	104	0.00
89	T	1,3,5-Trimethylbenzene	1.414	1.495	-5.7	105	0.00
90	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
91	T	4-Chlorotoluene	2.237	2.294	-2.5	104	0.00
92	T	1,2,4-Trimethylbenzene	2.352	2.446	-4.0	104	0.00
93	T	tert-Butylbenzene	2.505	2.618	-4.5	105	0.00
94	T	p-Isopropyltoluene	2.776	2.911	-4.9	105	0.00
95	T	sec-Butylbenzene	3.190	3.326	-4.3	105	0.00
96	T	1,3-Dichlorobenzene	1.583	1.574	0.6	103	0.00
97	T	1,4-Dichlorobenzene	1.571	1.573	-0.1	102	0.00
98	T	1,2-Dichlorobenzene	1.446	1.450	-0.3	102	0.00
99	T	n-Butylbenzene	2.435	2.560	-5.1	103	0.00
100	T	1,2-Dibromo-3-Chloropropane	0.120	0.121	-0.8	99	0.00
101	T	1,2,4-Trichlorobenzene	1.168	1.177	-0.8	101	0.00
102	T	Hexachloro-1,3-Butadiene	0.789	0.792	-0.4	101	0.00
103	T	Naphthalene	2.158	2.107	2.4	99	0.00
104	T	1,2,3-Trichlorobenzene	1.091	1.048	3.9	97	0.00

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

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072606\26JUL011.D
Acq On : 26 Jul 2006 4:13 pm
Sample : MB
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 16:52:45 2006

Vial: 5
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	6.69	168	868671	50.00 ug/l	0.00
48) 1,4-Difluorobenzene	7.62	114	1192819	50.00 ug/l	0.00
65) Chlorobenzene-d5	11.21	117	1064125	50.00 ug/l	0.00
90) 1,4-Dichlorobenzene-d4	14.10	152	604993	50.00 ug/l	0.00

System Monitoring Compounds					
42) Dibromofluoromethane	6.60	113	381797	51.78 ug/l	0.00
Spiked Amount 50.000	Range 74 - 140		Recovery = 103.56%		
47) 1,2-Dichloroethane-d4	7.03	65	489324	52.33 ug/l	0.00
Spiked Amount 50.000	Range 74 - 146		Recovery = 104.66%		
62) Toluene-d8	9.46	98	1366739	48.60 ug/l	0.00
Spiked Amount 50.000	Range 90 - 108		Recovery = 97.20%		
82) 1,4-Bromofluorobenzene	12.66	95	483766	46.75 ug/l	0.00
Spiked Amount 50.000	Range 74 - 110		Recovery = 93.50%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.69	85	70	N.D.	
3) Chloromethane	1.86	50	1134	N.D.	
4) Vinyl Chloride	2.02	62	74	N.D.	
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	2.39	64	311	N.D.	
7) Trichlorofluoromethane	2.74	101	835	N.D.	
8) Ethanol	0.00	45	0	N.D. d	
9) Diethyl Ether	0.00	45	0	N.D. d	
10) 2-Chloropropane	0.00	43	0	N.D. d	
11) Acetone	3.38	58	84	0.24 ug/l	94
12) Iodomethane	3.59	142	199	N.D.	
13) 1,1-Dichloroethene	3.40	61	547	N.D.	
14) 1,1,2-Trichloro-1,2,2-Trif	3.42	101	397	N.D.	
15) Tert-Butyl Alcohol (TBA)	0.00	59	0	N.D. d	
16) Carbon Disulfide	0.00	76	0	N.D. d	
17) Acetonitrile	3.80	41	151	N.D.	
18) Acrylonitrile	0.00	53	0	N.D. d	
19) Allyl Chloride	3.92	41	513	N.D.	
20) Acrolein	0.00	56	0	N.D. d	
21) Methyl Acetate	0.00	43	0	N.D. d	
22) Methylene Chloride	4.10	84	59936	5.36 ug/l	99
23) 1-Chloropropane	4.17	42	183	N.D.	
24) t-1,2-Dichloroethene	4.52	96	148	N.D.	
25) Isobutyl Alcohol	0.00	43	0	N.D. d	
26) Methyl-t-Butyl Ether (MTBE	4.55	73	1222	N.D.	
27) Hexane	4.96	57	2720	0.22 ug/l #	73

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

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072606\26JUL011.D
Acq On : 26 Jul 2006 4:13 pm
Sample : MB
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 16:52:45 2006

Vial: 5
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) 1,1-Dichloroethane	5.13	63	261	N.D.	
29) Vinyl Acetate	5.26	86	43	N.D.	
30) Diisopropyl Ether (DIPE)	5.33	45	255	N.D.	
31) Chloroprene	5.27	53	52	N.D.	
32) Ethyl-t-Butyl Ether (ETBE)	5.79	59	160	N.D.	
33) c-1,2-Dichloroethene	5.94	96	120	N.D.	
34) 2,2-Dichloropropane	5.97	77	196	N.D.	
35) 2-Butanone	0.00	43	0	N.D. d	
36) Propionitrile	6.03	54	32	N.D.	
37) Methacrylonitrile	6.31	41	226	N.D.	
38) Propanedinitrile	6.21	66	46	N.D.	
39) Bromochloromethane	6.28	130	53	N.D.	
40) Tetrahydrofuran	0.00	42	0	N.D. d	
41) Chloroform	6.40	83	181	N.D.	
43) 1,1,1-Trichloroethane	6.65	97	92	N.D.	
44) Cyclohexane	6.69	84	19728	1.56 ug/l #	48
45) 1,1-Dichloropropene	6.85	75	466	N.D.	
46) Carbon Tetrachloride	6.95	117	117	N.D.	
49) Benzene	7.13	78	1603	N.D.	
50) 1,2-Dichloroethane	7.12	62	501	N.D.	
51) Tert-Amyl-Methyl Ether (TA	7.30	73	787	N.D.	
52) Thiophene	7.38	84	575	N.D.	
53) Trichloroethene	7.94	95	6090	0.71 ug/l #	75
54) 1,2-Dichloropropane	8.21	63	126	N.D.	
55) Methylcyclohexane	8.20	83	125	N.D.	
56) Dibromomethane	8.35	93	130	N.D.	
57) Methyl Methacrylate	8.37	69	352	N.D.	
58) 1,4-Dioxane	8.39	88	113	1.55 ug/l	86
59) Bromodichloromethane	8.56	83	303	N.D.	
60) 2-Chloroethyl Vinyl Ether	8.92	63	38	N.D.	
61) c-1,3-Dichloropropene	9.13	75	117	N.D.	
63) Toluene	9.53	91	726	N.D.	
64) 4-Methyl-2-Pentanone	9.29	58	199	N.D.	
66) t-1,3-Dichloropropene	9.80	75	212	N.D.	
67) Ethyl Methacrylate	9.94	69	552	N.D.	
68) 1,1,2-Trichloroethane	10.02	83	128	N.D.	
69) Tetrachloroethene	10.21	166	4695	0.44 ug/l	69
70) 1,3-Dichloropropane	10.22	76	747	N.D.	
71) 2-Hexanone	10.32	58	40	N.D.	
72) Dibromochloromethane	10.51	129	384	N.D.	
73) 1,2-Dibromoethane	10.65	107	485	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072606\26JUL011.D
Acq On : 26 Jul 2006 4:13 pm
Sample : MB
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 16:52:45 2006

Vial: 5
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	Chlorobenzene	11.24	112	1787	N.D.	
75)	1,1,1,2-Tetrachloroethane	11.34	131	182	N.D.	
76)	Ethylbenzene	11.41	91	1096	N.D.	
77)	p/m-Xylene	11.54	91	1779	N.D.	
78)	o-Xylene	12.05	91	409	N.D.	
79)	Styrene	12.05	104	252	N.D.	
80)	Bromoform	12.25	173	469	N.D.	
81)	Isopropylbenzene	12.48	105	759	N.D.	
83)	1,2,3-Trichloropropane	12.89	75	1106	0.11 ug/l	78
84)	Bromobenzene	12.85	156	100	N.D.	
85)	1,1,2,2-Tetrachloroethane	12.82	83	708	N.D.	
86)	n-Propylbenzene	12.99	91	349	N.D.	
87)	t-1,4-Dichloro-2-Butene	12.88	53	68	N.D.	
88)	2-Chlorotoluene	13.10	91	613	N.D.	
89)	1,3,5-Trimethylbenzene	13.22	105	656	N.D.	
91)	4-Chlorotoluene	13.24	91	655	N.D.	
92)	1,2,4-Trimethylbenzene	13.68	105	644	N.D.	
93)	tert-Butylbenzene	13.61	119	803	N.D.	
94)	p-Isopropyltoluene	14.03	119	75	N.D.	
95)	sec-Butylbenzene	13.89	105	1195	N.D.	
96)	1,3-Dichlorobenzene	14.03	146	1041	N.D.	
97)	1,4-Dichlorobenzene	14.13	146	651	N.D.	
98)	1,2-Dichlorobenzene	14.58	146	1054	N.D.	
99)	n-Butylbenzene	14.59	91	1273	N.D.	
100)	1,2-Dibromo-3-Chloropropan	0.00	75	0	N.D. d	
101)	1,2,4-Trichlorobenzene	16.61	180	2324	0.16 ug/l	93
102)	Hexachloro-1,3-Butadiene	16.84	225	900	N.D.	
103)	Naphthalene	16.93	128	8589	0.33 ug/l	89
104)	1,2,3-Trichlorobenzene	17.24	180	2710	0.21 ug/l	84

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

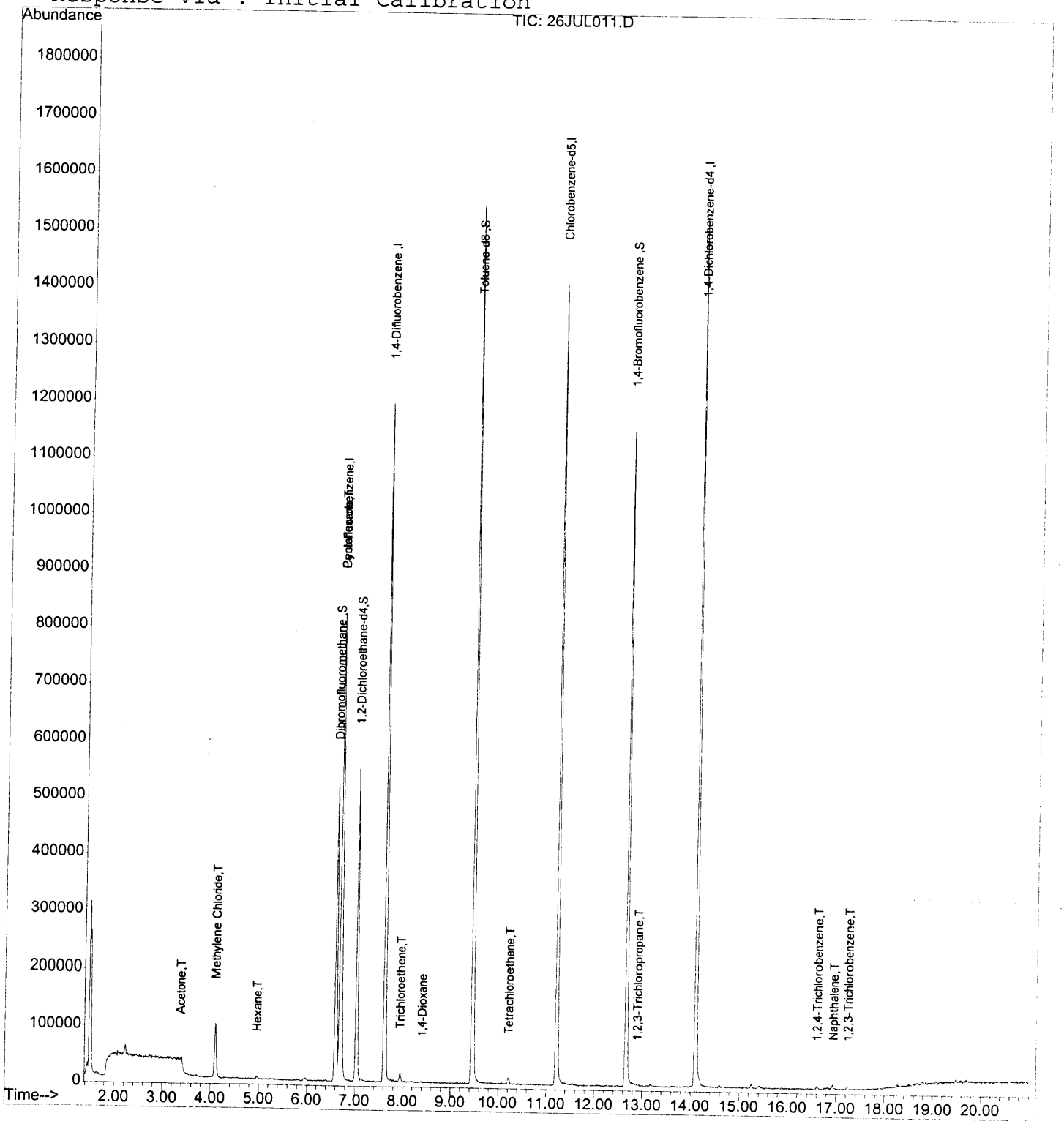
Quantitation Report (QT Reviewed)

Data File : D:\DATA\072606\26JUL011.D
Acq On : 26 Jul 2006 4:13 pm
Sample : MB
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 16:53 2006

Vial: 5
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL015.D
Acq On : 26 Jul 2006 6:04 pm
Sample : 06-07-1156-1D 5ML;1X;PH<2 MS
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:11:06 2006

Vial: 15
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	6.69	168	871887	50.00 ug/l	0.00
48) 1,4-Difluorobenzene	7.62	114	1193852	50.00 ug/l	0.00
65) Chlorobenzene-d5	11.21	117	1083734	50.00 ug/l	0.00
90) 1,4-Dichlorobenzene-d4	14.09	152	668089	50.00 ug/l	0.00

System Monitoring Compounds					
42) Dibromofluoromethane	6.59	113	369792	49.97 ug/l	0.00
Spiked Amount 50.000	Range 74 - 140		Recovery = 99.94%		
47) 1,2-Dichloroethane-d4	7.03	65	489173	52.13 ug/l	0.00
Spiked Amount 50.000	Range 74 - 146		Recovery = 104.26%		
62) Toluene-d8	9.45	98	1379300	49.00 ug/l	0.00
Spiked Amount 50.000	Range 90 - 108		Recovery = 98.00%		
82) 1,4-Bromofluorobenzene	12.66	95	516601	49.02 ug/l	0.00
Spiked Amount 50.000	Range 74 - 110		Recovery = 98.04%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.67	85	388895	28.77 ug/l	98
3) Chloromethane	1.86	50	497909	36.59 ug/l	95
4) Vinyl Chloride	1.97	62	461385	38.43 ug/l	98
5) Bromomethane	2.31	94	333472	51.99 ug/l	97
6) Chloroethane	2.43	64	298270	46.26 ug/l	98
7) Trichlorofluoromethane	2.75	101	790726	46.11 ug/l	99
8) Ethanol	3.00	45	46219	534.21 ug/l	88
9) Diethyl Ether	3.12	45	223923	50.19 ug/l	100
10) 2-Chloropropane	3.21	43	583300	45.92 ug/l	100
11) Acetone	3.48	58	16234	46.02 ug/l #	59
12) Iodomethane	3.60	142	488311	50.62 ug/l	97
13) 1,1-Dichloroethene	3.39	61	425910	35.19 ug/l	96
14) 1,1,2-Trichloro-1,2,2-Trif	3.41	101	388374	45.81 ug/l	99
15) Tert-Butyl Alcohol (TBA)	4.34	59	154633	287.36 ug/l	96
16) Carbon Disulfide	3.69	76	1146329	47.75 ug/l	100
17) Acetonitrile	3.92	41	106946	7.86 ug/l	97
18) Acrylonitrile	4.47	53	115272	49.78 ug/l	99
19) Allyl Chloride	3.92	41	106946	7.87 ug/l	97
20) Acrolein	3.26	56	191321	60.60 ug/l	99
21) Methyl Acetate	3.97	43	251744	51.39 ug/l	99
22) Methylene Chloride	4.10	84	441075	39.34 ug/l	98
23) 1-Chloropropane	4.15	42	649098	49.71 ug/l	98
24) t-1,2-Dichloroethene	4.53	96	318229	40.59 ug/l	100
25) Isobutyl Alcohol	3.97	43	251744	51.41 ug/l	95
26) Methyl-t-Butyl Ether (MTBE	4.56	73	980273	51.95 ug/l	100
27) Hexane	4.97	57	596227	47.42 ug/l	98

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL015.D
Acq On : 26 Jul 2006 6:04 pm
Sample : 06-07-1156-1D 5ML;1X;PH<2 MS
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:11:06 2006

Vial: 15
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) 1,1-Dichloroethane	5.13	63	714412	49.63 ug/l	99
29) Vinyl Acetate	5.24	86	203	0.15 ug/l #	21
30) Diisopropyl Ether (DIPE)	5.29	45	1175018	49.52 ug/l	99
31) Chloroprene	5.28	53	96628	8.14 ug/l	90
32) Ethyl-t-Butyl Ether (ETBE)	5.80	59	1045687	50.94 ug/l	100
33) c-1,2-Dichloroethene	5.96	96	466419	58.40 ug/l	99
34) 2,2-Dichloropropane	5.95	77	590777	49.54 ug/l	99
35) 2-Butanone	5.98	43	116291	49.29 ug/l	99
36) Propionitrile	6.03	54	47224	54.26 ug/l	91
37) Methacrylonitrile	6.25	41	135595	31.74 ug/l	100
38) Propanedinitrile	6.25	66	29889	30.94 ug/l	96
39) Bromochloromethane	6.27	130	262884	50.70 ug/l	97
40) Tetrahydrofuran	6.35	42	107031	54.33 ug/l	94
41) Chloroform	6.39	83	743634	51.31 ug/l	97
43) 1,1,1-Trichloroethane	6.63	97	686721	50.60 ug/l	99
44) Cyclohexane	6.72	84	598109	47.01 ug/l	100
45) 1,1-Dichloropropene	6.86	75	536708	47.05 ug/l	99
46) Carbon Tetrachloride	6.86	117	614610	49.65 ug/l	100
49) Benzene	7.12	78	1536759	48.88 ug/l	99
50) 1,2-Dichloroethane	7.13	62	592117	50.84 ug/l	99
51) Tert-Amyl-Methyl Ether (TA	7.29	73	922163	51.66 ug/l	99
52) Thiophene	7.38	84	79763	5.08 ug/l	98
53) Trichloroethene	7.94	95	421305	49.18 ug/l	97
54) 1,2-Dichloropropane	8.21	63	391537	50.28 ug/l	98
55) Methylcyclohexane	8.20	83	718771	48.86 ug/l	99
56) Dibromomethane	8.35	93	226818	51.36 ug/l	98
57) Methyl Methacrylate	8.38	69	29337	6.40 ug/l	91
58) 1,4-Dioxane	8.39	88	38231	525.37 ug/l	91
59) Bromodichloromethane	8.56	83	555340	50.77 ug/l	97
60) 2-Chloroethyl Vinyl Ether	8.93	63	1195	1.61 ug/l #	62
61) c-1,3-Dichloropropene	9.11	75	659100	54.94 ug/l	98
63) Toluene	9.53	91	1641606	50.09 ug/l	99
64) 4-Methyl-2-Pentanone	9.30	58	120202	56.04 ug/l	100
66) t-1,3-Dichloropropene	9.79	75	559890	51.60 ug/l	99
67) Ethyl Methacrylate	9.92	69	45530	5.34 ug/l	96
68) 1,1,2-Trichloroethane	10.01	83	281365	51.77 ug/l	99
69) Tetrachloroethene	10.21	166	530897	48.87 ug/l	97
70) 1,3-Dichloropropane	10.21	76	593466	51.85 ug/l	99
71) 2-Hexanone	10.32	58	89684	54.46 ug/l	100
72) Dibromochloromethane	10.49	129	430252	50.85 ug/l	97
73) 1,2-Dibromoethane	10.63	107	347421	53.01 ug/l	97

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL015.D
Acq On : 26 Jul 2006 6:04 pm
Sample : 06-07-1156-1D 5ML;1X;PH<2 MS
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:11:06 2006

Vial: 15
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74) Chlorobenzene	11.25	112	1108236	49.71 ug/l	99
75) 1,1,1,2-Tetrachloroethane	11.34	131	430420	51.31 ug/l	100
76) Ethylbenzene	11.39	91	1785003	49.43 ug/l	100
77) p/m-Xylene	11.54	91	2284671	83.83 ug/l	99
78) o-Xylene	12.02	91	1403581	49.83 ug/l	98
79) Styrene	12.03	104	61836	2.69 ug/l #	1
80) Bromoform	12.25	173	295105	51.47 ug/l	99
81) Isopropylbenzene	12.48	105	1812882	50.17 ug/l	99
83) 1,2,3-Trichloropropane	12.88	75	607387	58.23 ug/l	96
84) Bromobenzene	12.84	156	519255	51.82 ug/l	100
85) 1,1,2,2-Tetrachloroethane	12.82	83	445989	53.60 ug/l	96
86) n-Propylbenzene	12.99	91	2203351	50.79 ug/l	100
87) t-1,4-Dichloro-2-Butene	12.89	53	186127	69.42 ug/l	97
88) 2-Chlorotoluene	13.09	91	1297468	52.43 ug/l	100
89) 1,3,5-Trimethylbenzene	13.21	105	199505	6.51 ug/l	99
91) 4-Chlorotoluene	13.22	91	1408511	47.13 ug/l	96
92) 1,2,4-Trimethylbenzene	13.67	105	246352	7.84 ug/l	99
93) tert-Butylbenzene	13.61	119	1743503	52.09 ug/l	98
94) p-Isopropyltoluene	14.06	119	1411256	38.05 ug/l	99
95) sec-Butylbenzene	13.89	105	2151808	50.48 ug/l	98
96) 1,3-Dichlorobenzene	14.02	146	1057672	50.02 ug/l	98
97) 1,4-Dichlorobenzene	14.13	146	1063281	50.66 ug/l	98
98) 1,2-Dichlorobenzene	14.59	146	975278	50.47 ug/l	98
99) n-Butylbenzene	14.58	91	1659909	51.01 ug/l	98
100) 1,2-Dibromo-3-Chloropropan	15.54	75	90137	56.26 ug/l	100
101) 1,2,4-Trichlorobenzene	16.60	180	818847	52.45 ug/l	100
102) Hexachloro-1,3-Butadiene	16.83	225	525740	49.84 ug/l	98
103) Naphthalene	16.91	128	934474	32.41 ug/l	100
104) 1,2,3-Trichlorobenzene	17.23	180	762565	52.30 ug/l	100

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

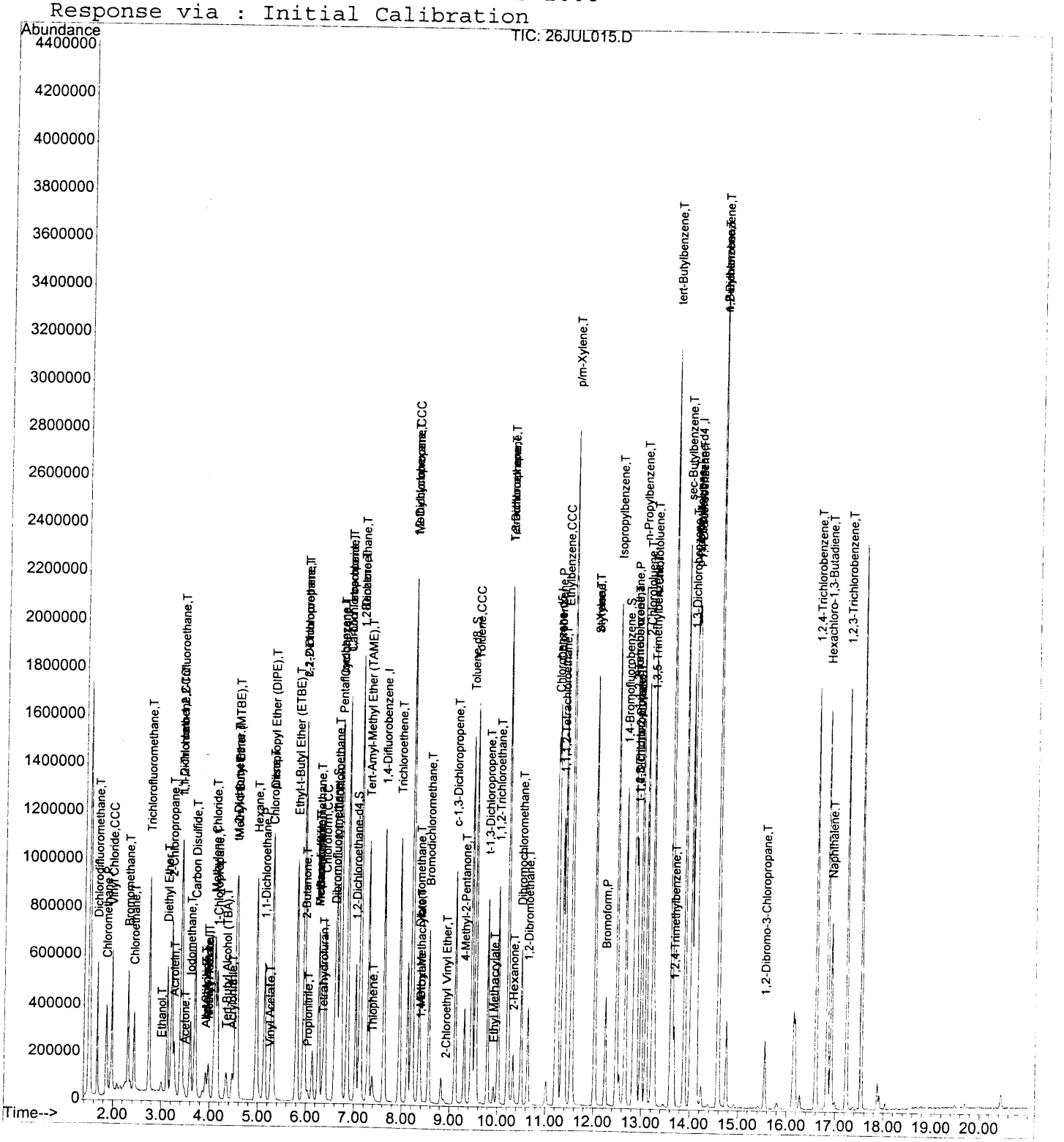
Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL015.D
Acq On : 26 Jul 2006 6:04 pm
Sample : 06-07-1156-1D 5ML;1X;PH<2 MS
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:11 2006

Vial: 15
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL016.D
Acq On : 26 Jul 2006 6:32 pm
Sample : 06-07-1156-1D 5ML;1X;PH<2 MSD
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:11:34 2006

Vial: 16
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	6.69	168	872245	50.00 ug/l	0.00
48) 1,4-Difluorobenzene	7.62	114	1202820	50.00 ug/l	0.00
65) Chlorobenzene-d5	11.21	117	1090476	50.00 ug/l	0.00
90) 1,4-Dichlorobenzene-d4	14.09	152	674013	50.00 ug/l	0.00

System Monitoring Compounds					
42) Dibromofluoromethane	6.60	113	369929	49.97 ug/l	0.00
Spiked Amount 50.000	Range 74 - 140		Recovery = 99.94%		
47) 1,2-Dichloroethane-d4	7.03	65	480885	51.22 ug/l	0.00
Spiked Amount 50.000	Range 74 - 146		Recovery = 102.44%		
62) Toluene-d8	9.46	98	1391050	49.05 ug/l	0.00
Spiked Amount 50.000	Range 90 - 108		Recovery = 98.10%		
82) 1,4-Bromofluorobenzene	12.66	95	529677	49.95 ug/l	0.00
Spiked Amount 50.000	Range 74 - 110		Recovery = 99.90%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.67	85	393263	29.08 ug/l	99
3) Chloromethane	1.86	50	498650	36.63 ug/l	98
4) Vinyl Chloride	1.97	62	478765	39.86 ug/l	100
5) Bromomethane	2.31	94	334775	52.17 ug/l	99
6) Chloroethane	2.44	64	296801	46.01 ug/l	100
7) Trichlorofluoromethane	2.74	101	785464	45.78 ug/l	99
8) Ethanol	3.00	45	44748	517.00 ug/l	95
9) Diethyl Ether	3.12	45	227634	51.00 ug/l	98
10) 2-Chloropropane	3.21	43	626887	49.33 ug/l	98
11) Acetone	3.48	58	15838	44.88 ug/l	94
12) Iodomethane	3.60	142	518436	53.72 ug/l	96
13) 1,1-Dichloroethene	3.40	61	500103	41.31 ug/l	98
14) 1,1,2-Trichloro-1,2,2-Trif	3.41	101	388899	45.85 ug/l	99
15) Tert-Butyl Alcohol (TBA)	4.34	59	153782	285.67 ug/l	97
16) Carbon Disulfide	3.70	76	1170470	48.74 ug/l	99
17) Acetonitrile	3.92	41	123165	9.04 ug/l	99
18) Acrylonitrile	4.47	53	123663	53.39 ug/l	96
19) Allyl Chloride	3.92	41	123307	9.07 ug/l	98
20) Acrolein	3.26	56	213559	67.62 ug/l	98
21) Methyl Acetate	3.97	43	254887	52.01 ug/l	99
22) Methylene Chloride	4.10	84	440912	39.31 ug/l	97
23) 1-Chloropropane	4.15	42	654124	50.08 ug/l	96
24) t-1,2-Dichloroethene	4.53	96	365575	46.61 ug/l	99
25) Isobutyl Alcohol	3.97	43	254887	52.03 ug/l	97
26) Methyl-t-Butyl Ether (MTBE	4.55	73	984144	52.13 ug/l	98
27) Hexane	4.97	57	616884	49.04 ug/l	96

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL016.D
Acq On : 26 Jul 2006 6:32 pm
Sample : 06-07-1156-1D 5ML;1X;PH<2 MSD
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:11:34 2006

Vial: 16
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) 1,1-Dichloroethane	5.13	63	713246	49.53 ug/l	99
29) Vinyl Acetate	5.24	86	82	N.D.	
30) Diisopropyl Ether (DIPE)	5.29	45	1178813	49.66 ug/l	98
31) Chloroprene	5.28	53	44010	3.70 ug/l	62
32) Ethyl-t-Butyl Ether (ETBE)	5.80	59	1036737	50.49 ug/l	99
33) c-1,2-Dichloroethene	5.95	96	429119	53.71 ug/l	99
34) 2,2-Dichloropropane	5.95	77	595697	49.94 ug/l	98
35) 2-Butanone	5.98	43	121456	51.45 ug/l	96
36) Propionitrile	6.03	54	44599	51.22 ug/l	92
37) Methacrylonitrile	6.25	41	198868	46.53 ug/l	99
38) Propanedinitrile	6.25	66	44412	45.96 ug/l	98
39) Bromochloromethane	6.27	130	260718	50.26 ug/l	99
40) Tetrahydrofuran	6.35	42	105726	53.65 ug/l	92
41) Chloroform	6.39	83	736748	50.82 ug/l	98
43) 1,1,1-Trichloroethane	6.63	97	694304	51.14 ug/l	99
44) Cyclohexane	6.72	84	604854	47.52 ug/l	99
45) 1,1-Dichloropropene	6.86	75	558032	48.90 ug/l	100
46) Carbon Tetrachloride	6.86	117	621096	50.16 ug/l	98
49) Benzene	7.12	78	1537393	48.54 ug/l	99
50) 1,2-Dichloroethane	7.13	62	592756	50.52 ug/l	99
51) Tert-Amyl-Methyl Ether (TA	7.29	73	915199	50.89 ug/l	99
52) Thiophene	7.38	84	170521	10.78 ug/l	99
53) Trichloroethene	7.94	95	434423	50.34 ug/l	99
54) 1,2-Dichloropropane	8.21	63	397021	50.60 ug/l	97
55) Methylcyclohexane	8.20	83	726231	49.00 ug/l	98
56) Dibromomethane	8.35	93	232496	52.25 ug/l	97
57) Methyl Methacrylate	8.38	69	112130	24.27 ug/l	97
58) 1,4-Dioxane	8.39	88	38414	523.95 ug/l	90
59) Bromodichloromethane	8.56	83	559453	50.76 ug/l	96
60) 2-Chloroethyl Vinyl Ether	8.95	63	1271	1.70 ug/l #	43
61) c-1,3-Dichloropropene	9.12	75	655017	54.19 ug/l	98
63) Toluene	9.53	91	1675392	50.74 ug/l	100
64) 4-Methyl-2-Pentanone	9.31	58	120956	55.97 ug/l	96
66) t-1,3-Dichloropropene	9.79	75	579514	53.08 ug/l	98
67) Ethyl Methacrylate	9.93	69	200072	23.32 ug/l	98
68) 1,1,2-Trichloroethane	10.01	83	279190	51.05 ug/l	96
69) Tetrachloroethene	10.21	166	545283	49.89 ug/l	98
70) 1,3-Dichloropropane	10.21	76	600197	52.12 ug/l	99
71) 2-Hexanone	10.33	58	89484	54.00 ug/l	98
72) Dibromochloromethane	10.50	129	435413	51.14 ug/l	99
73) 1,2-Dibromoethane	10.63	107	349512	53.00 ug/l	99

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL016.D Vial: 16
Acq On : 26 Jul 2006 6:32 pm Operator: MJR
Sample : 06-07-1156-1D 5ML;1X;PH<2 MSD Inst : GCMS T
Misc : V063006C Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:11:34 2006 Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
74)	Chlorobenzene	11.25	112	1127494	50.26	ug/l		100
75)	1,1,1,2-Tetrachloroethane	11.34	131	428902	50.82	ug/l		99
76)	Ethylbenzene	11.39	91	1855758	51.07	ug/l		99
77)	p/m-Xylene	11.54	91	2720103	99.19	ug/l		98
78)	o-Xylene	12.02	91	1469056	51.84	ug/l		97
79)	Styrene	12.02	104	44666	1.93	ug/l	#	1
80)	Bromoform	12.25	173	303727	52.65	ug/l		100
81)	Isopropylbenzene	12.48	105	1894763	52.11	ug/l		99
83)	1,2,3-Trichloropropane	12.89	75	607711	57.90	ug/l		87
84)	Bromobenzene	12.84	156	521291	51.70	ug/l		97
85)	1,1,2,2-Tetrachloroethane	12.82	83	449508	53.69	ug/l		96
86)	n-Propylbenzene	12.99	91	2293342	52.54	ug/l		99
87)	t-1,4-Dichloro-2-Butene	12.89	53	184029	68.21	ug/l		97
88)	2-Chlorotoluene	13.09	91	1322483	53.11	ug/l		98
89)	1,3,5-Trimethylbenzene	13.21	105	120483	3.91	ug/l		98
91)	4-Chlorotoluene	13.22	91	1413766	46.89	ug/l		98
92)	1,2,4-Trimethylbenzene	13.67	105	598318	18.87	ug/l		98
93)	tert-Butylbenzene	13.61	119	1806970	53.51	ug/l		98
94)	p-Isopropyltoluene	14.06	119	1761036	47.06	ug/l		99
95)	sec-Butylbenzene	13.89	105	2225426	51.74	ug/l		99
96)	1,3-Dichlorobenzene	14.02	146	1068324	50.08	ug/l		98
97)	1,4-Dichlorobenzene	14.13	146	1076768	50.85	ug/l		99
98)	1,2-Dichlorobenzene	14.59	146	1000533	51.32	ug/l		99
99)	n-Butylbenzene	14.58	91	1712978	52.18	ug/l		100
100)	1,2-Dibromo-3-Chloropropan	15.54	75	91247	56.45	ug/l		99
101)	1,2,4-Trichlorobenzene	16.59	180	820285	52.08	ug/l		99
102)	Hexachloro-1,3-Butadiene	16.83	225	541987	50.93	ug/l		98
103)	Naphthalene	16.91	128	1323141	45.49	ug/l		100
104)	1,2,3-Trichlorobenzene	17.23	180	768559	52.25	ug/l		100

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

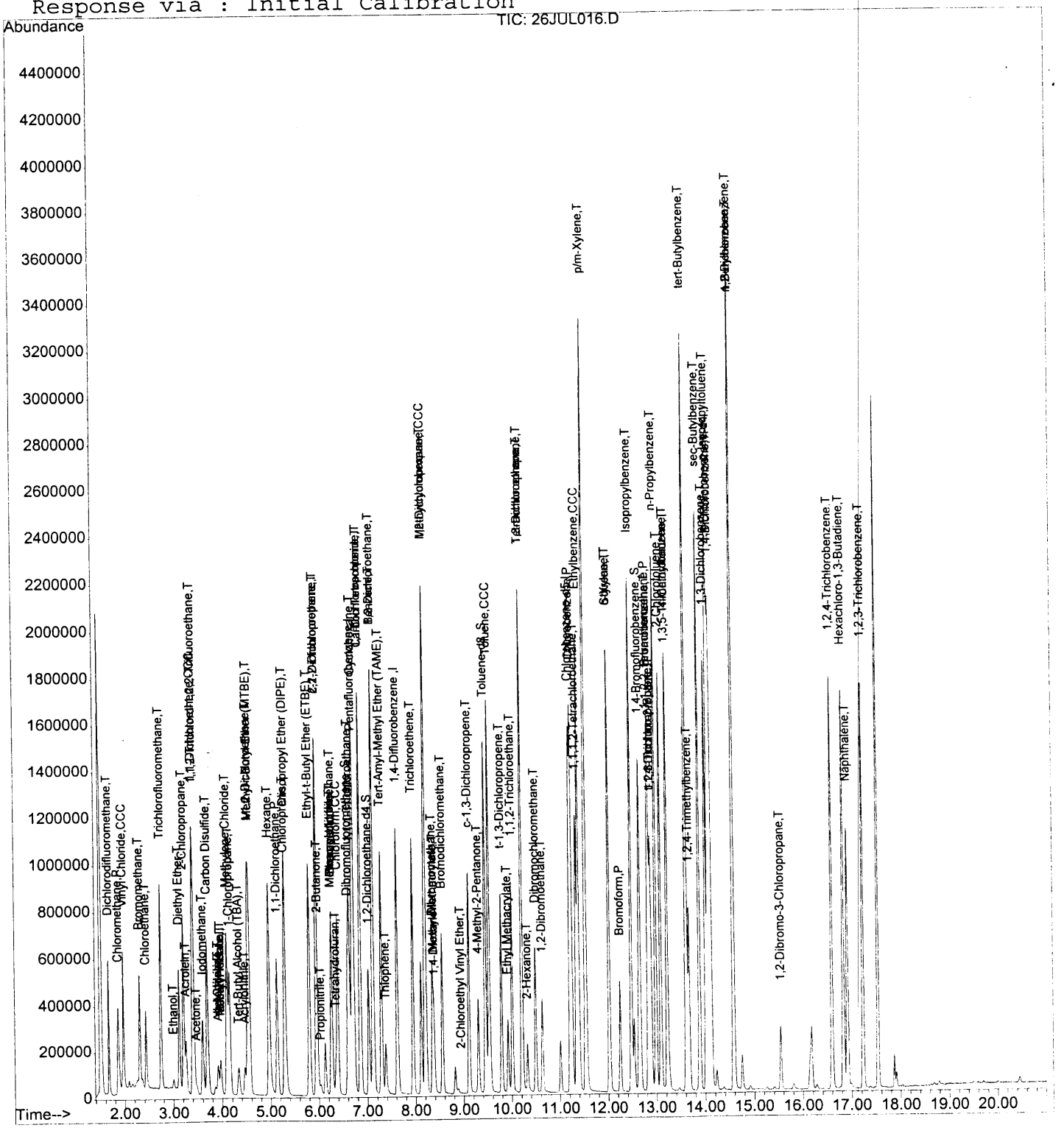
Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL016.D
Acq On : 26 Jul 2006 6:32 pm
Sample : 06-07-1156-1D 5ML;1X;PH<2 MSD
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:11 2006

Vial: 16
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration



Injection Log

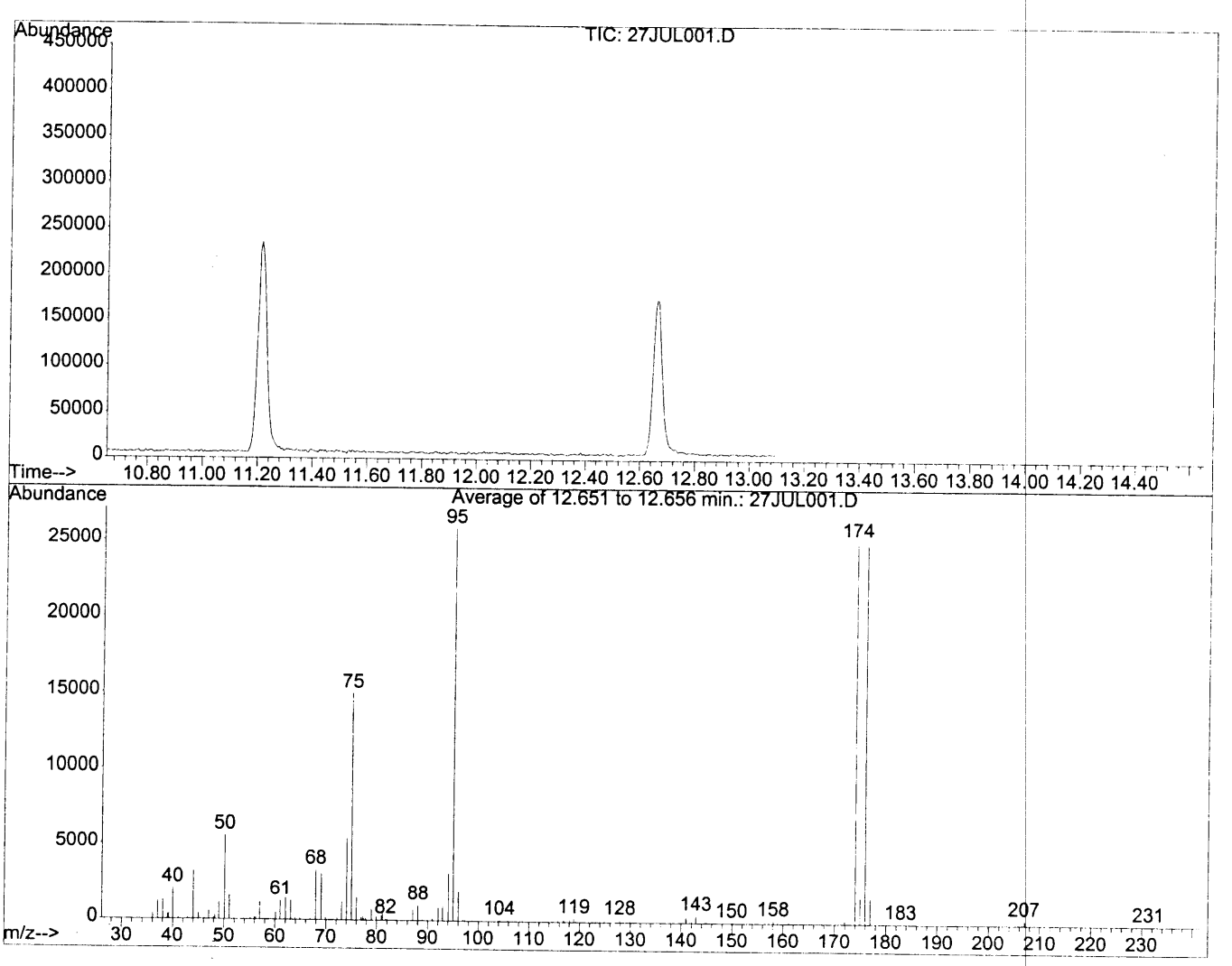
Directory: D:\DATA\072706

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	27JUL001.D	1.	BFB	V063006C	27 Jul 2006 11:32
2	2	27JUL002.D	1.	CCV V072606A/B	V063006C	27 Jul 2006 11:59
3	3	27JUL003.D	1.	LCS V072606C/E	V063006C	27 Jul 2006 12:27
4	4	27JUL004.D	1.	LCSD V072606C/E	V063006C	27 Jul 2006 12:55
5	5	27JUL005.D	1.	MB	V063006C	27 Jul 2006 13:22
6	6	27JUL006.D	1.	06-07-1354-1A 5ML;PH<2	V063006C	27 Jul 2006 13:50
7	7	27JUL007.D	1.	06-07-1354-1A MS;5ML;PH<2	V063006C	27 Jul 2006 14:18
8	8	27JUL008.D	1.	06-07-1354-1A MSD;5ML;PH<2	V063006C	27 Jul 2006 14:46
9	9	27JUL009.D	1.	06-07-1072-1J 5ML;PH<2	V063006C	27 Jul 2006 15:13
10	10	27JUL010.D	1.	06-07-1086-11D (E) 20UL;PH<2;DF=250	V063006C	27 Jul 2006 15:41
11	11	27JUL011.D	1.	06-07-1086-12D (E) 10UL;PH<2;DF=25000	V063006C 100UL->5ML(50X),10UL->5ML(500X	27 Jul 2006 16:09
12		27JUL012.D	1.			

CLPBFB

Data File : d:\data\072706\Snapshot\27JUL001.D
Acq On : 27 Jul 2006 11:32 am
Sample : BFB
Misc : V063006C
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B

Vial: 1
Operator: MJR
Inst : GCMS T
Multiplr: 1.00



Spectrum Information: Average of 12.651 to 12.656 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.6	5589	PASS
75	95	30	60	57.8	14976	PASS
95	95	100	100	100.0	25916	PASS
96	95	5	9	7.4	1924	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	97.2	25192	PASS
175	174	5	9	6.8	1715	PASS
176	174	95	101	98.9	24924	PASS
177	176	5	9	6.8	1695	PASS

Evaluate Continuing Calibration Report

Data File : D:\DATA\072706\27JUL002.D
Acq On : 27 Jul 2006 11:59 am
Sample : CCV V072606A/B
Misc : V063006C
MS Integration Params: RTEINT.P

Vial: 2
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 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	84	0.00
2	T	Dichlorodifluoromethane	0.775	0.830	-7.1	88	0.00
3	P	Chloromethane	0.780	0.735	5.8	86	0.00
4	CCC	Vinyl Chloride	0.689	0.681	1.2	87	0.00
5	T	Bromomethane	0.368	0.442	-20.1#	88	0.00
6	T	Chloroethane	0.370	0.385	-4.1	88	0.00
7	T	Trichlorofluoromethane	0.983	1.146	-16.6	92	0.00
8	T	Ethanol	0.005	0.005#	0.0	87	0.00
9	T	Diethyl Ether	0.256	0.274	-7.0	91	0.00
10	T	2-Chloropropane	0.728	0.757	-4.0	90	0.00
11	T	Acetone	0.020	0.022#	-10.0	83	-0.01
12	T	Iodomethane	0.553	0.580	-4.9	82	0.00
13	CCC	1,1-Dichloroethene	0.694	0.786	-13.3	91	0.00
14	T	1,1,2-Trichloro-1,2,2-Trifl	0.486	0.550	-13.2	90	0.00
15	T	Tert-Butyl Alcohol (TBA)	0.031	0.031#	0.0	90	0.00
16	T	Carbon Disulfide	1.377	1.434	-4.1	86	0.00
17	T	Acetonitrile	0.781	0.770	1.4	82	0.00
18	T	Acrylonitrile	0.133	0.141	-6.0	89	0.00
19	T	Allyl Chloride	0.779	0.768	1.4	82	0.00
20	T	Acrolein	0.181	0.196	-8.3	90	0.00
21	T	Methyl Acetate	0.281	0.295	-5.0	87	0.00
22	T	Methylene Chloride	0.643	0.573	10.9	92	0.00
23	T	1-Chloropropane	0.749	0.808	-7.9	89	0.00
24	T	t-1,2-Dichloroethene	0.450	0.457	-1.6	84	0.00
25	T	Isobutyl Alcohol	0.281	0.295	-5.0	87	0.00
26	T	Methyl-t-Butyl Ether (MTBE)	1.082	1.159	-7.1	89	0.00
27	T	Hexane	0.721	0.729	-1.1	86	0.00
28	P	1,1-Dichloroethane	0.825	0.873	-5.8	87	0.00
29	T	Vinyl Acetate	0.080	0.078#	2.5	87	0.00
30	T	Diisopropyl Ether (DIPE)	1.361	1.438	-5.7	88	0.00
31	T	Chloroprene	0.681	0.743	-9.1	89	0.00
32	T	Ethyl-t-Butyl Ether (ETBE)	1.177	1.256	-6.7	88	0.00
33	T	c-1,2-Dichloroethene	0.458	0.470	-2.6	87	0.00
34	T	2,2-Dichloropropane	0.684	0.770	-12.6	92	0.00
35	T	2-Butanone	0.135	0.139	-3.0	82	0.00
36	T	Propionitrile	0.050	0.053#	-6.0	90	0.00
37	T	Methacrylonitrile	0.245	0.271	-10.6	92	0.00
38	T	Propanedinitrile	0.055	0.056#	-1.8	85	0.00
39	T	Bromochloromethane	0.297	0.314	-5.7	87	0.00
40	T	Tetrahydrofuran	0.113	0.117	-3.5	89	0.00
41	CCC	Chloroform	0.831	0.896	-7.8	88	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\DATA\072706\27JUL002.D
Acq On : 27 Jul 2006 11:59 am
Sample : CCV V072606A/B
Misc : V063006C
MS Integration Params: RTEINT.P

Vial: 2
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 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	S	Dibromofluoromethane	0.424	0.449	-5.9	87	0.00
43	T	1,1,1-Trichloroethane	0.778	0.868	-11.6	89	0.00
44	T	Cyclohexane	0.730	0.727	0.4	85	0.00
45	T	1,1-Dichloropropene	0.654	0.686	-4.9	87	0.00
46	T	Carbon Tetrachloride	0.710	0.810	-14.1	90	0.00
47	S	1,2-Dichloroethane-d4	0.538	0.615	-14.3	90	0.00
48	I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
49	T	Benzene	1.317	1.309	0.6	85	0.00
50	T	1,2-Dichloroethane	0.488	0.540	-10.7	91	0.00
51	T	Tert-Amyl-Methyl Ether (TAM	0.748	0.782	-4.5	87	0.00
52	T	Thiophene	0.658	0.679	-3.2	86	0.00
53	T	Trichloroethene	0.359	0.364	-1.4	86	0.00
54	CCC	1,2-Dichloropropane	0.326	0.340	-4.3	87	0.00
55	T	Methylcyclohexane	0.616	0.621	-0.8	86	0.00
56	T	Dibromomethane	0.185	0.196	-5.9	87	0.00
57	T	Methyl Methacrylate	0.192	0.197	-2.6	86	0.00
58		1,4-Dioxane	0.003	0.003#	0.0	86	0.00
59	T	Bromodichloromethane	0.458	0.495	-8.1	88	0.00
60	T	2-Chloroethyl Vinyl Ether	0.031	0.030#	3.2	104	0.00
61	T	c-1,3-Dichloropropene	0.502	0.547	-9.0	88	0.00
62	S	Toluene-d8	1.179	1.172	0.6	85	0.00
63	CCC	Toluene	1.373	1.385	-0.9	85	0.00
64	T	4-Methyl-2-Pentanone	0.090	0.094#	-4.4	89	0.00
65	I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
66	T	t-1,3-Dichloropropene	0.501	0.567	-13.2	88	0.00
67	T	Ethyl Methacrylate	0.393	0.400	-1.8	86	0.00
68	T	1,1,2-Trichloroethane	0.251	0.258	-2.8	85	0.00
69	T	Tetrachloroethene	0.501	0.512	-2.2	86	0.00
70	T	1,3-Dichloropropane	0.528	0.554	-4.9	86	0.00
71	T	2-Hexanone	0.076	0.078#	-2.6	85	0.00
72	T	Dibromochloromethane	0.390	0.416	-6.7	87	0.00
73	T	1,2-Dibromoethane	0.302	0.322	-6.6	86	0.00
74	P	Chlorobenzene	1.029	1.042	-1.3	86	0.00
75	T	1,1,1,2-Tetrachloroethane	0.387	0.416	-7.5	87	0.00
76	CCC	Ethylbenzene	1.666	1.744	-4.7	86	0.00
77	T	p/m-Xylene	1.257	1.384	-10.1	87	0.00
78	T	o-Xylene	1.299	1.406	-8.2	87	0.00
79	T	Styrene	1.062	1.126	-6.0	86	0.00
80	P	Bromoform	0.265	0.294	-10.9	88	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\DATA\072706\27JUL002.D Vial: 2
Acq On : 27 Jul 2006 11:59 am Operator: MJR
Sample : CCV V072606A/B Inst : GCMS T
Misc : V063006C Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 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	Isopropylbenzene	1.667	1.795	-7.7	87	0.00
82	S	1,4-Bromofluorobenzene	0.486	0.500	-2.9	87	0.00
83	T	1,2,3-Trichloropropane	0.481	0.532	-10.6	89	0.00
84	T	Bromobenzene	0.462	0.492	-6.5	87	0.00
85	P	1,1,2,2-Tetrachloroethane	0.384	0.415	-8.1	89	0.00
86	T	n-Propylbenzene	2.001	2.189	-9.4	87	0.00
87	T	t-1,4-Dichloro-2-Butene	0.124	0.142	-14.5	93	0.00
88	T	2-Chlorotoluene	1.142	1.250	-9.5	88	0.00
89	T	1,3,5-Trimethylbenzene	1.414	1.572	-11.2	88	0.00
90	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
91	T	4-Chlorotoluene	2.237	2.337	-4.5	88	0.00
92	T	1,2,4-Trimethylbenzene	2.352	2.462	-4.7	88	0.00
93	T	tert-Butylbenzene	2.505	2.616	-4.4	88	0.00
94	T	p-Isopropyltoluene	2.776	2.900	-4.5	88	0.00
95	T	sec-Butylbenzene	3.190	3.300	-3.4	87	0.00
96	T	1,3-Dichlorobenzene	1.583	1.573	0.6	86	0.00
97	T	1,4-Dichlorobenzene	1.571	1.599	-1.8	87	0.00
98	T	1,2-Dichlorobenzene	1.446	1.497	-3.5	88	0.00
99	T	n-Butylbenzene	2.435	2.617	-7.5	88	0.00
100	T	1,2-Dibromo-3-Chloropropane	0.120	0.136	-13.3	93	0.00
101	T	1,2,4-Trichlorobenzene	1.168	1.209	-3.5	87	0.00
102	T	Hexachloro-1,3-Butadiene	0.789	0.826	-4.7	88	0.00
103	T	Naphthalene	2.158	2.205	-2.2	87	0.00
104	T	1,2,3-Trichlorobenzene	1.091	1.126	-3.2	87	0.00

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL002.D
Acq On : 27 Jul 2006 11:59 am
Sample : CCV V072606A/B
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 13:08:33 2006

Vial: 2
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	6.69	168	712961	50.00 ug/l	0.00
48) 1,4-Difluorobenzene	7.62	114	991495	50.00 ug/l	0.00
65) Chlorobenzene-d5	11.21	117	895278	50.00 ug/l	0.00
90) 1,4-Dichlorobenzene-d4	14.09	152	579588	50.00 ug/l	0.00
System Monitoring Compounds					
42) Dibromofluoromethane	6.60	113	320045	52.89 ug/l	0.00
Spiked Amount 50.000	Range 74 - 140		Recovery = 105.78%		
47) 1,2-Dichloroethane-d4	7.03	65	438580	57.15 ug/l	0.00
Spiked Amount 50.000	Range 74 - 146		Recovery = 114.30%		
62) Toluene-d8	9.45	98	1161903	49.71 ug/l	0.00
Spiked Amount 50.000	Range 90 - 108		Recovery = 99.42%		
82) 1,4-Bromofluorobenzene	12.66	95	447408	51.39 ug/l	0.00
Spiked Amount 50.000	Range 74 - 110		Recovery = 102.78%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.67	85	591803	53.54 ug/l	100
3) Chloromethane	1.86	50	523960	47.08 ug/l	100
4) Vinyl Chloride	1.97	62	485686	49.47 ug/l	99
5) Bromomethane	2.31	94	315254	60.10 ug/l	99
6) Chloroethane	2.43	64	274644	52.09 ug/l	99
7) Trichlorofluoromethane	2.74	101	817251	58.28 ug/l	97
8) Ethanol	3.00	45	38031	537.56 ug/l	92
9) Diethyl Ether	3.12	45	195423	53.57 ug/l	98
10) 2-Chloropropane	3.21	43	539629	51.95 ug/l	97
11) Acetone	3.47	58	15504	53.75 ug/l	97
12) Iodomethane	3.59	142	413548	52.42 ug/l	96
13) 1,1-Dichloroethene	3.39	61	560356	56.62 ug/l	96
14) 1,1,2-Trichloro-1,2,2-Trif	3.41	101	392169	56.56 ug/l	96
15) Tert-Butyl Alcohol (TBA)	4.35	59	111238	252.80 ug/l	98
16) Carbon Disulfide	3.69	76	1022609	52.09 ug/l	100
17) Acetonitrile	3.91	41	549227	49.33 ug/l	99
18) Acrylonitrile	4.47	53	100419	53.04 ug/l	91
19) Allyl Chloride	3.91	41	547581	49.28 ug/l	97
20) Acrolein	3.26	56	279671	108.33 ug/l	96
21) Methyl Acetate	3.97	43	210604	52.57 ug/l	100
22) Methylene Chloride	4.10	84	408219	44.52 ug/l	95
23) 1-Chloropropane	4.15	42	575790	53.93 ug/l	99
24) t-1,2-Dichloroethene	4.52	96	326019	50.85 ug/l	97
25) Isobutyl Alcohol	3.97	43	210604	52.59 ug/l	98
26) Methyl-t-Butyl Ether (MTBE	4.55	73	826585	53.57 ug/l	100
27) Hexane	4.96	57	519546	50.53 ug/l	99

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL002.D
Acq On : 27 Jul 2006 11:59 am
Sample : CCV V072606A/B
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 13:08:33 2006

Vial: 2
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) 1,1-Dichloroethane	5.14	63	622755	52.91 ug/l	98
29) Vinyl Acetate	5.24	86	55456	48.81 ug/l #	89
30) Diisopropyl Ether (DIPE)	5.29	45	1024882	52.82 ug/l	99
31) Chloroprene	5.28	53	529651	54.53 ug/l	99
32) Ethyl-t-Butyl Ether (ETBE)	5.80	59	895281	53.34 ug/l	99
33) c-1,2-Dichloroethene	5.95	96	335162	51.32 ug/l	100
34) 2,2-Dichloropropane	5.95	77	549329	56.34 ug/l	95
35) 2-Butanone	5.99	43	99018	51.32 ug/l	96
36) Propionitrile	6.04	54	37542	52.75 ug/l	92
37) Methacrylonitrile	6.25	41	192900	55.22 ug/l	96
38) Propanedinitrile	6.25	66	40032	50.68 ug/l	98
39) Bromochloromethane	6.26	130	223678	52.76 ug/l	95
40) Tetrahydrofuran	6.35	42	83481	51.83 ug/l	97
41) Chloroform	6.39	83	638944	53.92 ug/l	99
43) 1,1,1-Trichloroethane	6.63	97	619185	55.79 ug/l	99
44) Cyclohexane	6.71	84	518413	49.83 ug/l	97
45) 1,1-Dichloropropene	6.86	75	489169	52.44 ug/l	100
46) Carbon Tetrachloride	6.86	117	577641	57.07 ug/l	98
49) Benzene	7.11	78	1298102	49.72 ug/l	99
50) 1,2-Dichloroethane	7.13	62	535159	55.33 ug/l	98
51) Tert-Amyl-Methyl Ether (TA	7.29	73	775559	52.32 ug/l	99
52) Thiophene	7.38	84	673479	51.63 ug/l	98
53) Trichloroethene	7.94	95	360819	50.72 ug/l	98
54) 1,2-Dichloropropane	8.21	63	336846	52.08 ug/l	99
55) Methylcyclohexane	8.19	83	616067	50.42 ug/l	97
56) Dibromomethane	8.35	93	194055	52.90 ug/l	98
57) Methyl Methacrylate	8.38	69	195072	51.23 ug/l	94
58) 1,4-Dioxane	8.39	88	30970	512.45 ug/l	97
59) Bromodichloromethane	8.56	83	490961	54.04 ug/l	95
60) 2-Chloroethyl Vinyl Ether	8.94	63	29975	48.64 ug/l	97
61) c-1,3-Dichloropropene	9.11	75	542331	54.43 ug/l	96
63) Toluene	9.53	91	1372919	50.44 ug/l	99
64) 4-Methyl-2-Pentanone	9.30	58	93627	52.56 ug/l	94
66) t-1,3-Dichloropropene	9.79	75	508038	56.67 ug/l	97
67) Ethyl Methacrylate	9.92	69	358467	50.88 ug/l	98
68) 1,1,2-Trichloroethane	10.01	83	231135	51.48 ug/l	99
69) Tetrachloroethene	10.21	166	458428	51.08 ug/l	96
70) 1,3-Dichloropropane	10.21	76	496391	52.50 ug/l	98
71) 2-Hexanone	10.32	58	69583	51.15 ug/l	94
72) Dibromochloromethane	10.50	129	372704	53.32 ug/l	99
73) 1,2-Dibromoethane	10.63	107	287871	53.17 ug/l	99

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL002.D
Acq On : 27 Jul 2006 11:59 am
Sample : CCV V072606A/B
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 13:08:33 2006

Vial: 2
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	Chlorobenzene	11.25	112	932731	50.64 ug/l	99
75)	1,1,1,2-Tetrachloroethane	11.34	131	372793	53.80 ug/l	99
76)	Ethylbenzene	11.39	91	1561595	52.34 ug/l	98
77)	p/m-Xylene	11.54	91	2478074	110.07 ug/l	96
78)	o-Xylene	12.02	91	1258347	54.08 ug/l	97
79)	Styrene	12.03	104	1007640	53.00 ug/l	97
80)	Bromoform	12.25	173	263115	55.55 ug/l	99
81)	Isopropylbenzene	12.48	105	1607143	53.83 ug/l	99
83)	1,2,3-Trichloropropane	12.88	75	476684	55.32 ug/l	97
84)	Bromobenzene	12.84	156	440366	53.19 ug/l	98
85)	1,1,2,2-Tetrachloroethane	12.82	83	371772	54.08 ug/l	96
86)	n-Propylbenzene	12.99	91	1960140	54.70 ug/l	100
87)	t-1,4-Dichloro-2-Butene	12.89	53	127374	57.50 ug/l	99
88)	2-Chlorotoluene	13.09	91	1119084	54.74 ug/l	99
89)	1,3,5-Trimethylbenzene	13.21	105	1407389	55.57 ug/l	99
91)	4-Chlorotoluene	13.22	91	1354217	52.23 ug/l	97
92)	1,2,4-Trimethylbenzene	13.67	105	1426913	52.35 ug/l	99
93)	tert-Butylbenzene	13.61	119	1516224	52.22 ug/l	100
94)	p-Isopropyltoluene	14.06	119	1680684	52.24 ug/l	100
95)	sec-Butylbenzene	13.88	105	1912495	51.71 ug/l	98
96)	1,3-Dichlorobenzene	14.02	146	911689	49.70 ug/l	99
97)	1,4-Dichlorobenzene	14.13	146	926932	50.90 ug/l	99
98)	1,2-Dichlorobenzene	14.59	146	867671	51.76 ug/l	98
99)	n-Butylbenzene	14.58	91	1516903	53.73 ug/l	99
100)	1,2-Dibromo-3-Chloropropan	15.54	75	78866	56.74 ug/l	98
101)	1,2,4-Trichlorobenzene	16.60	180	700506	51.72 ug/l	99
102)	Hexachloro-1,3-Butadiene	16.83	225	478661	52.30 ug/l	98
103)	Naphthalene	16.91	128	1277998	51.09 ug/l	100
104)	1,2,3-Trichlorobenzene	17.23	180	652870	51.62 ug/l	99

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

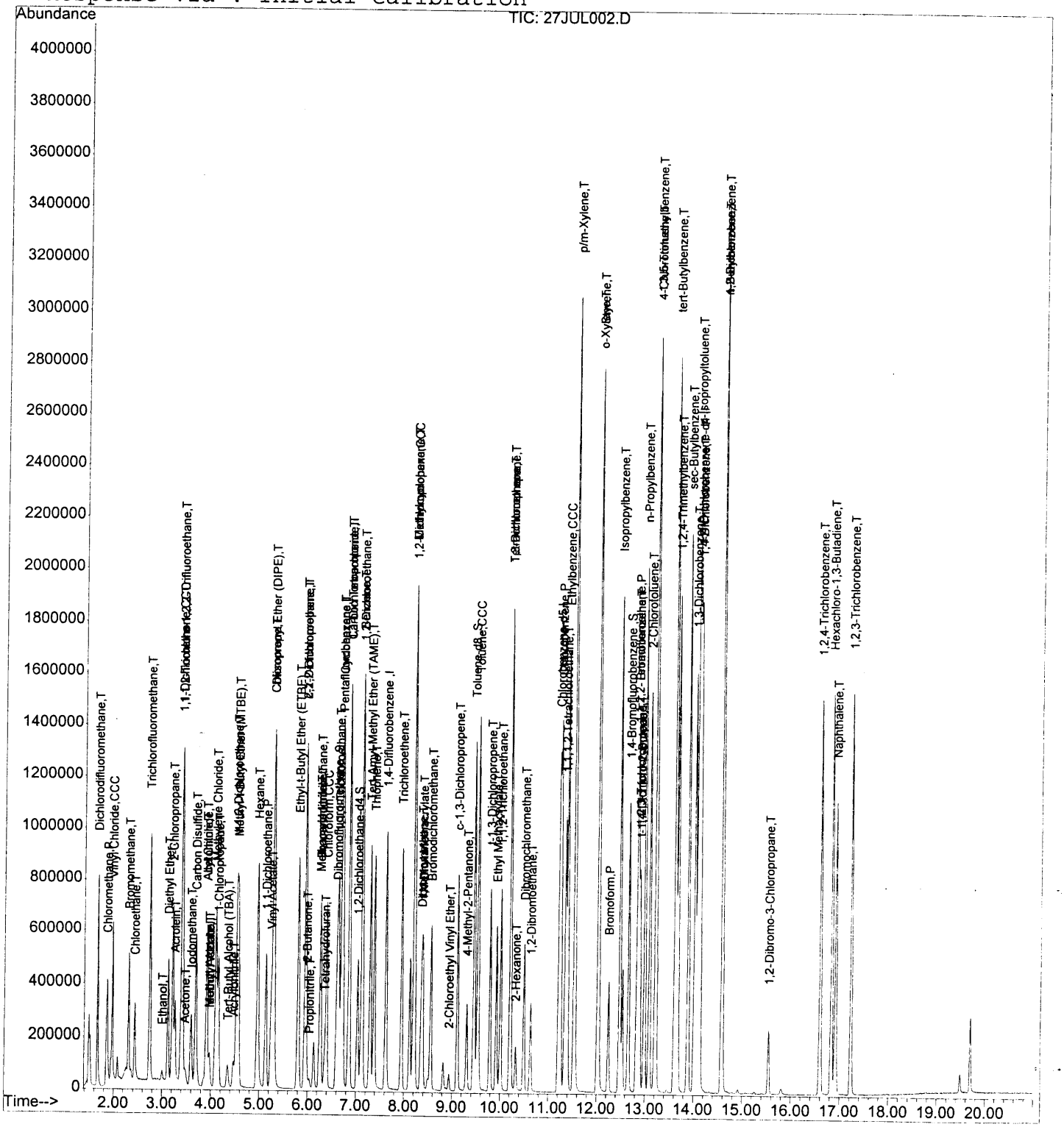
Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL002.D
Acq On : 27 Jul 2006 11:59 am
Sample : CCV V072606A/B
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 13:08 2006

Vial: 2
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL003.D
Acq On : 27 Jul 2006 12:27 pm
Sample : LCS V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 12:49:21 2006

Vial: 3
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.69	168	733323	50.00	ug/l	0.00
48) 1,4-Difluorobenzene	7.62	114	1028296	50.00	ug/l	0.00
65) Chlorobenzene-d5	11.21	117	919961	50.00	ug/l	0.00
90) 1,4-Dichlorobenzene-d4	14.09	152	588917	50.00	ug/l	0.00
System Monitoring Compounds						
42) Dibromofluoromethane	6.60	113	327653	52.64	ug/l	0.00
Spiked Amount 50.000	Range 74 - 140		Recovery = 105.28%			
47) 1,2-Dichloroethane-d4	7.03	65	439790	55.72	ug/l	0.00
Spiked Amount 50.000	Range 74 - 146		Recovery = 111.44%			
62) Toluene-d8	9.45	98	1196218	49.34	ug/l	0.00
Spiked Amount 50.000	Range 90 - 108		Recovery = 98.68%			
82) 1,4-Bromofluorobenzene	12.66	95	456579	51.04	ug/l	0.00
Spiked Amount 50.000	Range 74 - 110		Recovery = 102.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.67	85	368738	32.43	ug/l	97
3) Chloromethane	1.86	50	453826	39.65	ug/l	99
4) Vinyl Chloride	1.97	62	443178	43.89	ug/l	100
5) Bromomethane	2.31	94	304877	56.51	ug/l	99
6) Chloroethane	2.43	64	269124	49.63	ug/l	100
7) Trichlorofluoromethane	2.74	101	753868	52.26	ug/l	96
8) Ethanol	3.00	45	39333	540.52	ug/l	95
9) Diethyl Ether	3.12	45	201003	53.57	ug/l	99
10) 2-Chloropropane	3.21	43	546989	51.20	ug/l	97
11) Acetone	3.47	58	17500	58.98	ug/l	95
12) Iodomethane	3.59	142	438768	54.07	ug/l	98
13) 1,1-Dichloroethene	3.39	61	558404	54.86	ug/l	98
14) 1,1,2-Trichloro-1,2,2-Trif	3.41	101	387615	54.36	ug/l	96
15) Tert-Butyl Alcohol (TBA)	4.35	59	117135	258.81	ug/l	100
16) Carbon Disulfide	3.69	76	991215	49.09	ug/l	99
17) Acetonitrile	3.91	41	602977	52.66	ug/l	99
18) Acrylonitrile	4.46	53	103280	53.03	ug/l	92
19) Allyl Chloride	3.91	41	602126	52.69	ug/l	97
20) Acrolein	3.26	56	282287	106.31	ug/l	99
21) Methyl Acetate	3.96	43	211704	51.38	ug/l	100
22) Methylene Chloride	4.10	84	427910	45.37	ug/l	98
23) 1-Chloropropane	4.15	42	590106	53.73	ug/l	98
24) t-1,2-Dichloroethene	4.52	96	336349	51.00	ug/l	95
25) Isobutyl Alcohol	3.96	43	211704	51.40	ug/l	97
26) Methyl-t-Butyl Ether (MTBE	4.56	73	845883	53.30	ug/l	100
27) Hexane	4.96	57	515938	48.78	ug/l	100

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL003.D
Acq On : 27 Jul 2006 12:27 pm
Sample : LCS V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 12:49:21 2006

Vial: 3
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) 1,1-Dichloroethane	5.13	63	636771	52.60 ug/l	100
29) Vinyl Acetate	5.24	86	55193	47.23 ug/l #	81
30) Diisopropyl Ether (DIPE)	5.29	45	1045479	52.39 ug/l	99
31) Chloroprene	5.27	53	538805	53.94 ug/l	98
32) Ethyl-t-Butyl Ether (ETBE)	5.80	59	911064	52.77 ug/l	100
33) c-1,2-Dichloroethene	5.95	96	345831	51.48 ug/l	99
34) 2,2-Dichloropropane	5.95	77	548862	54.73 ug/l	96
35) 2-Butanone	5.98	43	104235	52.52 ug/l	98
36) Propionitrile	6.03	54	38009	51.92 ug/l	93
37) Methacrylonitrile	6.25	41	196258	54.62 ug/l	96
38) Propanedinitrile	6.25	66	41327	50.87 ug/l	98
39) Bromochloromethane	6.27	130	228840	52.48 ug/l	97
40) Tetrahydrofuran	6.36	42	89370	53.94 ug/l	93
41) Chloroform	6.39	83	660881	54.22 ug/l	97
43) 1,1,1-Trichloroethane	6.63	97	629005	55.10 ug/l	97
44) Cyclohexane	6.71	84	522992	48.87 ug/l	99
45) 1,1-Dichloropropene	6.86	75	508687	53.02 ug/l	99
46) Carbon Tetrachloride	6.86	117	583864	56.08 ug/l	99
49) Benzene	7.12	78	1339759	49.48 ug/l	97
50) 1,2-Dichloroethane	7.13	62	550138	54.85 ug/l	99
51) Tert-Amyl-Methyl Ether (TA	7.29	73	789925	51.38 ug/l	100
52) Thiophene	7.38	84	683588	50.53 ug/l	98
53) Trichloroethene	7.94	95	377162	51.12 ug/l	98
54) 1,2-Dichloropropane	8.21	63	342493	51.06 ug/l	96
55) Methylcyclohexane	8.19	83	622235	49.10 ug/l	97
56) Dibromomethane	8.35	93	202094	53.12 ug/l	99
57) Methyl Methacrylate	8.38	69	204056	51.67 ug/l	98
58) 1,4-Dioxane	8.39	88	31086	495.96 ug/l	98
59) Bromodichloromethane	8.56	83	507020	53.81 ug/l	96
60) 2-Chloroethyl Vinyl Ether	8.94	63	26990	42.23 ug/l	97
61) c-1,3-Dichloropropene	9.11	75	562577	54.44 ug/l	99
63) Toluene	9.53	91	1442497	51.10 ug/l	99
64) 4-Methyl-2-Pentanone	9.30	58	94654	51.23 ug/l	97
66) t-1,3-Dichloropropene	9.79	75	529053	57.43 ug/l	99
67) Ethyl Methacrylate	9.92	69	385951	53.31 ug/l	99
68) 1,1,2-Trichloroethane	10.01	83	239506	51.91 ug/l	99
69) Tetrachloroethene	10.21	166	476216	51.64 ug/l	98
70) 1,3-Dichloropropane	10.21	76	520545	53.58 ug/l	98
71) 2-Hexanone	10.33	58	74440	53.25 ug/l	99
72) Dibromochloromethane	10.49	129	389644	54.25 ug/l	99
73) 1,2-Dibromoethane	10.63	107	301911	54.26 ug/l	94

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL003.D
Acq On : 27 Jul 2006 12:27 pm
Sample : LCS V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 12:49:21 2006

Vial: 3
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	Chlorobenzene	11.24	112	968336	51.16 ug/l	100
75)	1,1,1,2-Tetrachloroethane	11.34	131	386477	54.28 ug/l	99
76)	Ethylbenzene	11.39	91	1621420	52.89 ug/l	97
77)	p/m-Xylene	11.53	91	2580301	111.54 ug/l	97
78)	o-Xylene	12.02	91	1304820	54.58 ug/l	96
79)	Styrene	12.03	104	1061949	54.36 ug/l	96
80)	Bromoform	12.24	173	272085	55.90 ug/l	99
81)	Isopropylbenzene	12.48	105	1673933	54.57 ug/l	100
83)	1,2,3-Trichloropropane	12.88	75	491302	55.49 ug/l	99
84)	Bromobenzene	12.84	156	453998	53.37 ug/l	100
85)	1,1,2,2-Tetrachloroethane	12.82	83	379188	53.68 ug/l	94
86)	n-Propylbenzene	12.99	91	2036232	55.30 ug/l	99
87)	t-1,4-Dichloro-2-Butene	12.89	53	129200	56.76 ug/l	97
88)	2-Chlorotoluene	13.09	91	1155419	55.00 ug/l	100
89)	1,3,5-Trimethylbenzene	13.21	105	1453989	55.87 ug/l	100
91)	4-Chlorotoluene	13.22	91	1402485	53.24 ug/l	100
92)	1,2,4-Trimethylbenzene	13.67	105	1485760	53.64 ug/l	100
93)	tert-Butylbenzene	13.61	119	1552536	52.62 ug/l	99
94)	p-Isopropyltoluene	14.06	119	1731322	52.96 ug/l	99
95)	sec-Butylbenzene	13.89	105	1983857	52.79 ug/l	98
96)	1,3-Dichlorobenzene	14.02	146	944662	50.68 ug/l	98
97)	1,4-Dichlorobenzene	14.13	146	941709	50.90 ug/l	97
98)	1,2-Dichlorobenzene	14.59	146	878282	51.56 ug/l	99
99)	n-Butylbenzene	14.58	91	1547727	53.96 ug/l	98
100)	1,2-Dibromo-3-Chloropropan	15.54	75	78859	55.84 ug/l	97
101)	1,2,4-Trichlorobenzene	16.60	180	712206	51.75 ug/l	98
102)	Hexachloro-1,3-Butadiene	16.83	225	486600	52.33 ug/l	99
103)	Naphthalene	16.91	128	1318158	51.86 ug/l	100
104)	1,2,3-Trichlorobenzene	17.23	180	674780	52.50 ug/l	100

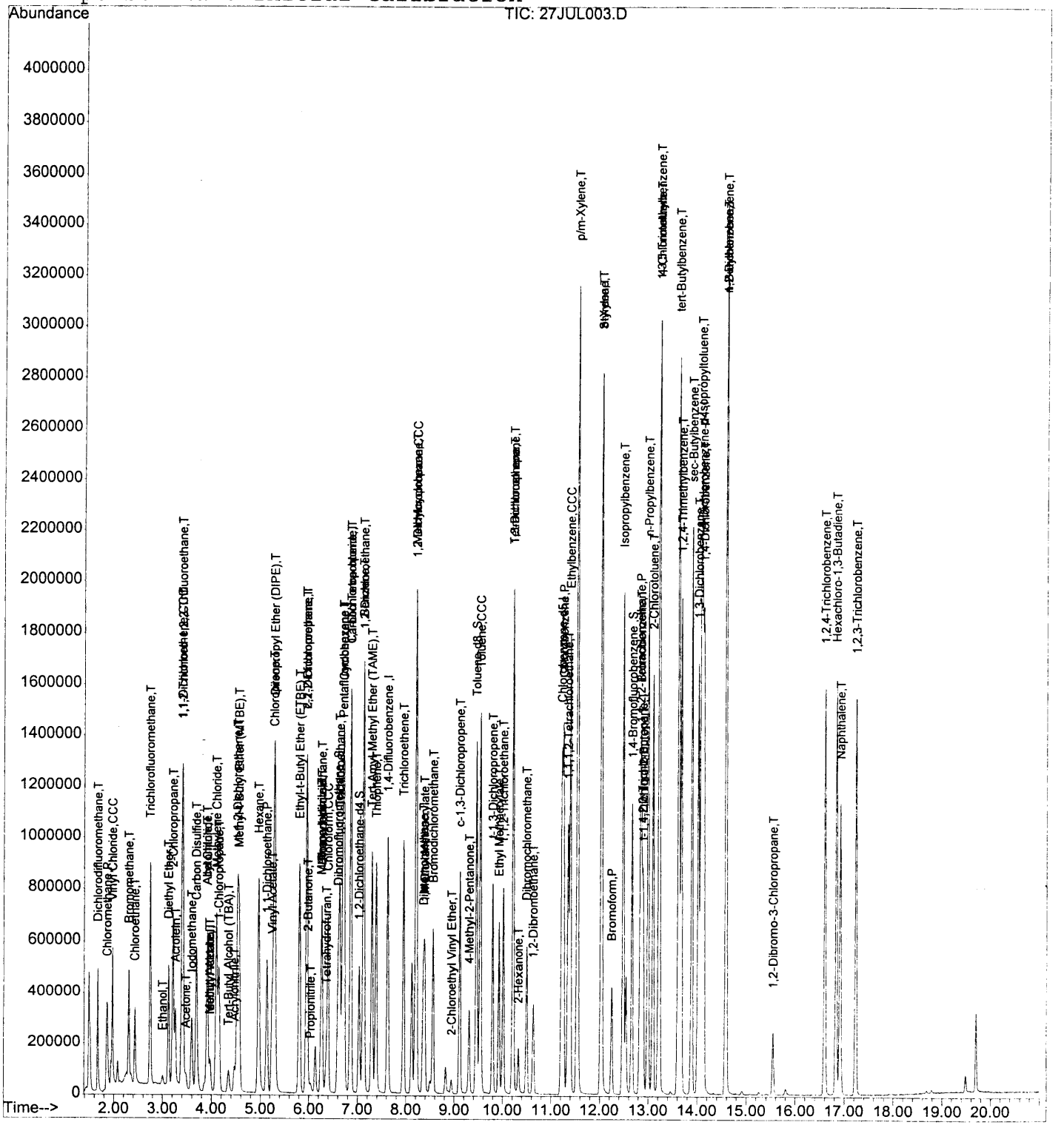
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL003.D
Acq On : 27 Jul 2006 12:27 pm
Sample : LCS V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 12:49 2006

Vial: 3
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL004.D
Acq On : 27 Jul 2006 12:55 pm
Sample : LCSD V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 13:33:08 2006

Vial: 4
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.69	168	766682	50.00	ug/l	0.00
48) 1,4-Difluorobenzene	7.62	114	1051411	50.00	ug/l	0.00
65) Chlorobenzene-d5	11.21	117	955396	50.00	ug/l	0.00
90) 1,4-Dichlorobenzene-d4	14.09	152	605702	50.00	ug/l	0.00
System Monitoring Compounds						
42) Dibromofluoromethane	6.59	113	333803	51.30	ug/l	0.00
Spiked Amount 50.000	Range 74 - 140		Recovery = 102.60%			
47) 1,2-Dichloroethane-d4	7.03	65	448166	54.31	ug/l	0.00
Spiked Amount 50.000	Range 74 - 146		Recovery = 108.62%			
62) Toluene-d8	9.45	98	1228899	49.58	ug/l	0.00
Spiked Amount 50.000	Range 90 - 108		Recovery = 99.16%			
82) 1,4-Bromofluorobenzene	12.66	95	465636	50.12	ug/l	0.00
Spiked Amount 50.000	Range 74 - 110		Recovery = 100.24%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.67	85	374474	31.50	ug/l	98
3) Chloromethane	1.86	50	454115	37.95	ug/l	98
4) Vinyl Chloride	1.97	62	453318	42.94	ug/l	99
5) Bromomethane	2.31	94	306778	54.39	ug/l	97
6) Chloroethane	2.43	64	274905	48.49	ug/l	100
7) Trichlorofluoromethane	2.74	101	764778	50.71	ug/l	100
8) Ethanol	3.00	45	41193	541.45	ug/l	94
9) Diethyl Ether	3.12	45	208958	53.26	ug/l	99
10) 2-Chloropropane	3.21	43	553623	49.56	ug/l	97
11) Acetone	3.48	58	19441	62.67	ug/l #	76
12) Iodomethane	3.59	142	448965	52.92	ug/l	99
13) 1,1-Dichloroethene	3.39	61	564269	53.02	ug/l	97
14) 1,1,2-Trichloro-1,2,2-Trif	3.41	101	392953	52.71	ug/l	97
15) Tert-Butyl Alcohol (TBA)	4.35	59	124319	262.73	ug/l	99
16) Carbon Disulfide	3.69	76	1006631	47.69	ug/l	99
17) Acetonitrile	3.91	41	611216	51.05	ug/l	97
18) Acrylonitrile	4.46	53	109618	53.84	ug/l	93
19) Allyl Chloride	3.91	41	611116	51.15	ug/l	96
20) Acrolein	3.26	56	293928	105.87	ug/l	99
21) Methyl Acetate	3.97	43	223897	51.97	ug/l	99
22) Methylene Chloride	4.09	84	434084	44.02	ug/l	99
23) 1-Chloropropane	4.15	42	605703	52.76	ug/l	99
24) t-1,2-Dichloroethene	4.52	96	346109	50.20	ug/l	97
25) Isobutyl Alcohol	3.97	43	223897	52.00	ug/l	98
26) Methyl-t-Butyl Ether (MTBE	4.56	73	867962	52.31	ug/l	100
27) Hexane	4.96	57	528616	47.81	ug/l	99

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL004.D
Acq On : 27 Jul 2006 12:55 pm
Sample : LCSD V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 13:33:08 2006

Vial: 4
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
28)	1,1-Dichloroethane	5.14	63	653382	51.62	ug/l		98
29)	Vinyl Acetate	5.24	86	60815	49.78	ug/l	#	93
30)	Diisopropyl Ether (DIPE)	5.29	45	1070670	51.32	ug/l		100
31)	Chloroprene	5.28	53	550658	52.72	ug/l		99
32)	Ethyl-t-Butyl Ether (ETBE)	5.80	59	946159	52.42	ug/l		100
33)	c-1,2-Dichloroethene	5.95	96	353421	50.32	ug/l		98
34)	2,2-Dichloropropane	5.95	77	548043	52.27	ug/l		98
35)	2-Butanone	5.98	43	117284	56.53	ug/l		97
36)	Propionitrile	6.03	54	42389	55.39	ug/l		88
37)	Methacrylonitrile	6.25	41	205966	54.82	ug/l		97
38)	Propanedinitrile	6.25	66	44894	52.85	ug/l		92
39)	Bromochloromethane	6.26	130	233575	51.23	ug/l		99
40)	Tetrahydrofuran	6.35	42	90988	52.53	ug/l		96
41)	Chloroform	6.39	83	671015	52.66	ug/l		97
43)	1,1,1-Trichloroethane	6.63	97	638706	53.52	ug/l		99
44)	Cyclohexane	6.71	84	531819	47.53	ug/l		98
45)	1,1-Dichloropropene	6.85	75	512717	51.11	ug/l		98
46)	Carbon Tetrachloride	6.86	117	593990	54.57	ug/l		99
49)	Benzene	7.12	78	1365217	49.31	ug/l		98
50)	1,2-Dichloroethane	7.13	62	559906	54.59	ug/l		98
51)	Tert-Amyl-Methyl Ether (TA	7.29	73	820896	52.22	ug/l		99
52)	Thiophene	7.37	84	694667	50.22	ug/l		98
53)	Trichloroethene	7.94	95	386167	51.19	ug/l		99
54)	1,2-Dichloropropane	8.21	63	350474	51.10	ug/l		99
55)	Methylcyclohexane	8.19	83	637429	49.20	ug/l		99
56)	Dibromomethane	8.35	93	205606	52.86	ug/l		98
57)	Methyl Methacrylate	8.38	69	215636	53.40	ug/l		94
58)	1,4-Dioxane	8.39	88	34088	531.90	ug/l		97
59)	Bromodichloromethane	8.56	83	525562	54.56	ug/l		97
60)	2-Chloroethyl Vinyl Ether	8.94	63	30582	46.79	ug/l		98
61)	c-1,3-Dichloropropene	9.11	75	572078	54.14	ug/l		100
63)	Toluene	9.53	91	1458623	50.53	ug/l		99
64)	4-Methyl-2-Pentanone	9.30	58	99933	52.90	ug/l		100
66)	t-1,3-Dichloropropene	9.79	75	543901	56.86	ug/l		99
67)	Ethyl Methacrylate	9.92	69	397880	52.92	ug/l		97
68)	1,1,2-Trichloroethane	10.01	83	247558	51.67	ug/l		99
69)	Tetrachloroethene	10.21	166	484616	50.60	ug/l		95
70)	1,3-Dichloropropane	10.21	76	534000	52.93	ug/l		98
71)	2-Hexanone	10.32	58	79460	54.73	ug/l		100
72)	Dibromochloromethane	10.49	129	396622	53.17	ug/l		99
73)	1,2-Dibromoethane	10.63	107	307772	53.27	ug/l		98

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL004.D
Acq On : 27 Jul 2006 12:55 pm
Sample : LCSD V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 13:33:08 2006

Vial: 4
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	Chlorobenzene	11.25	112	988604	50.30 ug/l	100
75)	1,1,1,2-Tetrachloroethane	11.34	131	394372	53.33 ug/l	98
76)	Ethylbenzene	11.39	91	1659269	52.12 ug/l	98
77)	p/m-Xylene	11.53	91	2627598	109.37 ug/l	97
78)	o-Xylene	12.02	91	1332793	53.68 ug/l	97
79)	Styrene	12.03	104	1073636	52.92 ug/l	96
80)	Bromoform	12.25	173	278973	55.19 ug/l	100
81)	Isopropylbenzene	12.48	105	1716836	53.89 ug/l	99
83)	1,2,3-Trichloropropane	12.88	75	503091	54.71 ug/l	97
84)	Bromobenzene	12.84	156	471303	53.35 ug/l	94
85)	1,1,2,2-Tetrachloroethane	12.82	83	393693	53.67 ug/l	96
86)	n-Propylbenzene	12.99	91	2078293	54.35 ug/l	100
87)	t-1,4-Dichloro-2-Butene	12.89	53	135499	57.32 ug/l	95
88)	2-Chlorotoluene	13.09	91	1181688	54.16 ug/l	99
89)	1,3,5-Trimethylbenzene	13.21	105	1476305	54.63 ug/l	99
91)	4-Chlorotoluene	13.22	91	1406600	51.92 ug/l	99
92)	1,2,4-Trimethylbenzene	13.67	105	1501314	52.70 ug/l	100
93)	tert-Butylbenzene	13.61	119	1588646	52.35 ug/l	96
94)	p-Isopropyltoluene	14.06	119	1770214	52.65 ug/l	100
95)	sec-Butylbenzene	13.89	105	2006658	51.92 ug/l	98
96)	1,3-Dichlorobenzene	14.02	146	956139	49.87 ug/l	99
97)	1,4-Dichlorobenzene	14.13	146	966158	50.77 ug/l	99
98)	1,2-Dichlorobenzene	14.59	146	898868	51.31 ug/l	99
99)	n-Butylbenzene	14.58	91	1573479	53.34 ug/l	99
100)	1,2-Dibromo-3-Chloropropan	15.54	75	79834	54.96 ug/l	99
101)	1,2,4-Trichlorobenzene	16.60	180	730710	51.62 ug/l	99
102)	Hexachloro-1,3-Butadiene	16.83	225	484083	50.62 ug/l	99
103)	Naphthalene	16.91	128	1361261	52.08 ug/l	100
104)	1,2,3-Trichlorobenzene	17.23	180	678758	51.35 ug/l	99

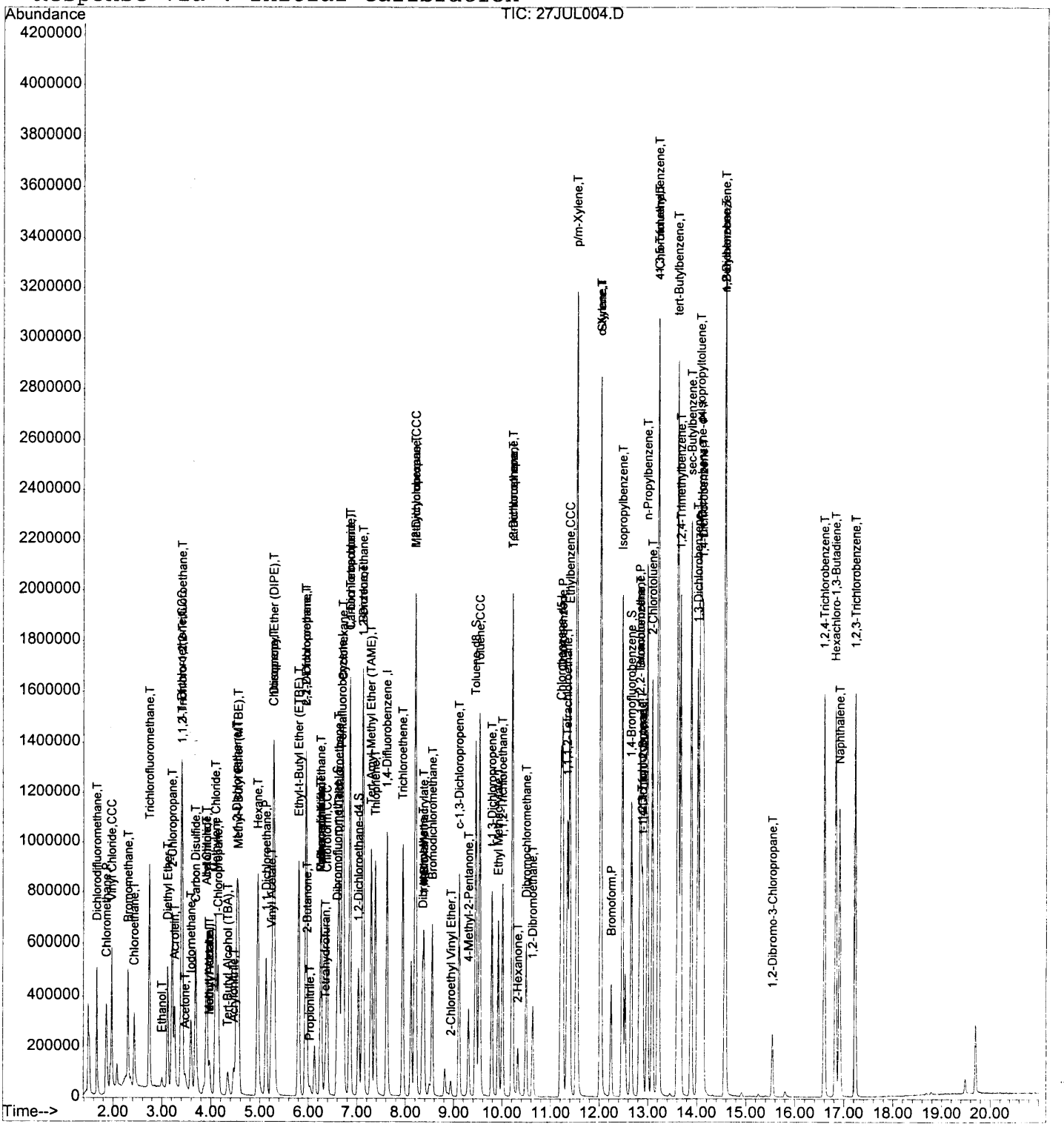
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL004.D
Acq On : 27 Jul 2006 12:55 pm
Sample : LCSD V072606C/E
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 13:33 2006

Vial: 4
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL005.D
Acq On : 27 Jul 2006 1:22 pm
Sample : MB
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 14:23:39 2006

Vial: 5
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	6.69	168	737061	50.00 ug/l	0.00
48) 1,4-Difluorobenzene	7.62	114	1033542	50.00 ug/l	0.00
65) Chlorobenzene-d5	11.21	117	910018	50.00 ug/l	0.00
90) 1,4-Dichlorobenzene-d4	14.09	152	517412	50.00 ug/l	0.00
System Monitoring Compounds					
42) Dibromofluoromethane	6.60	113	329119	52.61 ug/l	0.00
Spiked Amount 50.000	Range 74 - 140		Recovery = 105.22%		
47) 1,2-Dichloroethane-d4	7.03	65	448885	56.58 ug/l	0.00
Spiked Amount 50.000	Range 74 - 146		Recovery = 113.16%		
62) Toluene-d8	9.45	98	1186956	48.71 ug/l	0.00
Spiked Amount 50.000	Range 90 - 108		Recovery = 97.42%		
82) 1,4-Bromofluorobenzene	12.66	95	413138	46.69 ug/l	0.00
Spiked Amount 50.000	Range 74 - 110		Recovery = 93.38%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.67	85	305	N.D.	
3) Chloromethane	1.87	50	624	N.D.	
4) Vinyl Chloride	2.02	62	457	N.D.	
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	2.45	64	390	N.D.	
7) Trichlorofluoromethane	2.74	101	279	N.D.	
8) Ethanol	0.00	45	0	N.D. d	
9) Diethyl Ether	3.12	45	650	0.17 ug/l	91
10) 2-Chloropropane	3.22	43	878	N.D.	
11) Acetone	3.48	58	1065	3.57 ug/l	90
12) Iodomethane	3.60	142	130	N.D.	
13) 1,1-Dichloroethene	3.37	61	84	N.D.	
14) 1,1,2-Trichloro-1,2,2-Trif	3.41	101	83	N.D.	
15) Tert-Butyl Alcohol (TBA)	4.36	59	239	0.53 ug/l #	16
16) Carbon Disulfide	3.69	76	1330	N.D.	
17) Acetonitrile	3.96	41	236	N.D.	
18) Acrylonitrile	4.47	53	41	N.D.	
19) Allyl Chloride	3.93	41	168	N.D.	
20) Acrolein	0.00	56	0	N.D. d	
21) Methyl Acetate	0.00	43	0	N.D. d	
22) Methylene Chloride	4.10	84	92336	9.74 ug/l	99
23) 1-Chloropropane	4.15	42	693	N.D.	
24) t-1,2-Dichloroethene	4.54	96	56	N.D.	
25) Isobutyl Alcohol	0.00	43	0	N.D. d	
26) Methyl-t-Butyl Ether (MTBE	4.55	73	1542	N.D.	
27) Hexane	4.96	57	2090	0.20 ug/l #	67

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL005.D
Acq On : 27 Jul 2006 1:22 pm
Sample : MB
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 14:23:39 2006

Vial: 5
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28)	1,1-Dichloroethane	5.13	63	158	N.D.	
29)	Vinyl Acetate	0.00	86	0	N.D.	
30)	Diisopropyl Ether (DIPE)	5.36	45	142	N.D.	
31)	Chloroprene	5.28	53	89	N.D.	
32)	Ethyl-t-Butyl Ether (ETBE)	5.81	59	130	N.D.	
33)	c-1,2-Dichloroethene	5.97	96	172	N.D.	
34)	2,2-Dichloropropane	5.95	77	138	N.D.	
35)	2-Butanone	0.00	43	0	N.D. d	
36)	Propionitrile	0.00	54	0	N.D. d	
37)	Methacrylonitrile	6.31	41	109	N.D.	
38)	Propanedinitrile	6.25	66	76	N.D.	
39)	Bromochloromethane	6.24	130	44	N.D.	
40)	Tetrahydrofuran	0.00	42	0	N.D. d	
41)	Chloroform	6.39	83	239	N.D.	
43)	1,1,1-Trichloroethane	6.63	97	390	N.D.	
44)	Cyclohexane	0.00	84	0	N.D. d	
45)	1,1-Dichloropropene	6.85	75	183	N.D.	
46)	Carbon Tetrachloride	6.85	117	474	N.D.	
49)	Benzene	7.12	78	1302	N.D.	
50)	1,2-Dichloroethane	7.13	62	192	N.D.	
51)	Tert-Amyl-Methyl Ether (TA	7.27	73	346	N.D.	
52)	Thiophene	7.38	84	342	N.D.	
53)	Trichloroethene	7.93	95	1081	0.15 ug/l #	40
54)	1,2-Dichloropropane	8.19	63	325	N.D.	
55)	Methylcyclohexane	8.19	83	290	N.D.	
56)	Dibromomethane	8.35	93	170	N.D.	
57)	Methyl Methacrylate	8.39	69	206	N.D.	
58)	1,4-Dioxane	0.00	88	0	N.D. d	
59)	Bromodichloromethane	8.57	83	142	N.D.	
60)	2-Chloroethyl Vinyl Ether	8.94	63	53	N.D.	
61)	c-1,3-Dichloropropene	9.12	75	89	N.D.	
63)	Toluene	9.54	91	653	N.D.	
64)	4-Methyl-2-Pentanone	9.29	58	126	N.D.	
66)	t-1,3-Dichloropropene	9.79	75	81	N.D.	
67)	Ethyl Methacrylate	9.93	69	171	N.D.	
68)	1,1,2-Trichloroethane	10.01	83	156	N.D.	
69)	Tetrachloroethene	10.21	166	823	N.D.	
70)	1,3-Dichloropropane	10.22	76	564	N.D.	
71)	2-Hexanone	10.40	58	58	N.D.	
72)	Dibromochloromethane	10.51	129	434	N.D.	
73)	1,2-Dibromoethane	10.63	107	40	N.D.	

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL005.D
Acq On : 27 Jul 2006 1:22 pm
Sample : MB
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 14:23:39 2006

Vial: 5
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	Chlorobenzene	11.25	112	819	N.D.	
75)	1,1,1,2-Tetrachloroethane	11.34	131	44	N.D.	
76)	Ethylbenzene	11.38	91	178	N.D.	
77)	p/m-Xylene	11.54	91	2078	N.D.	
78)	o-Xylene	12.03	91	923	N.D.	
79)	Styrene	12.05	104	225	N.D.	
80)	Bromoform	12.25	173	385	N.D.	
81)	Isopropylbenzene	12.48	105	754	N.D.	
83)	1,2,3-Trichloropropane	12.87	75	817	N.D.	
84)	Bromobenzene	12.87	156	96	N.D.	
85)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D. d	
86)	n-Propylbenzene	12.99	91	715	N.D.	
87)	t-1,4-Dichloro-2-Butene	12.88	53	94	N.D.	
88)	2-Chlorotoluene	13.12	91	204	N.D.	
89)	1,3,5-Trimethylbenzene	13.21	105	610	N.D.	
91)	4-Chlorotoluene	13.21	91	189	N.D.	
92)	1,2,4-Trimethylbenzene	13.68	105	967	N.D.	
93)	tert-Butylbenzene	13.68	119	71	N.D.	
94)	p-Isopropyltoluene	14.07	119	1677	N.D.	
95)	sec-Butylbenzene	13.90	105	1113	N.D.	
96)	1,3-Dichlorobenzene	14.02	146	631	N.D.	
97)	1,4-Dichlorobenzene	14.12	146	1125	N.D.	
98)	1,2-Dichlorobenzene	14.59	146	884	N.D.	
99)	n-Butylbenzene	14.58	91	531	N.D.	
100)	1,2-Dibromo-3-Chloropropan	0.00	75	0	N.D. d	
101)	1,2,4-Trichlorobenzene	16.61	180	1587	0.13 ug/l	81
102)	Hexachloro-1,3-Butadiene	16.82	225	569	N.D.	
103)	Naphthalene	16.92	128	7261	0.33 ug/l	98
104)	1,2,3-Trichlorobenzene	17.24	180	2383	0.21 ug/l	89

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

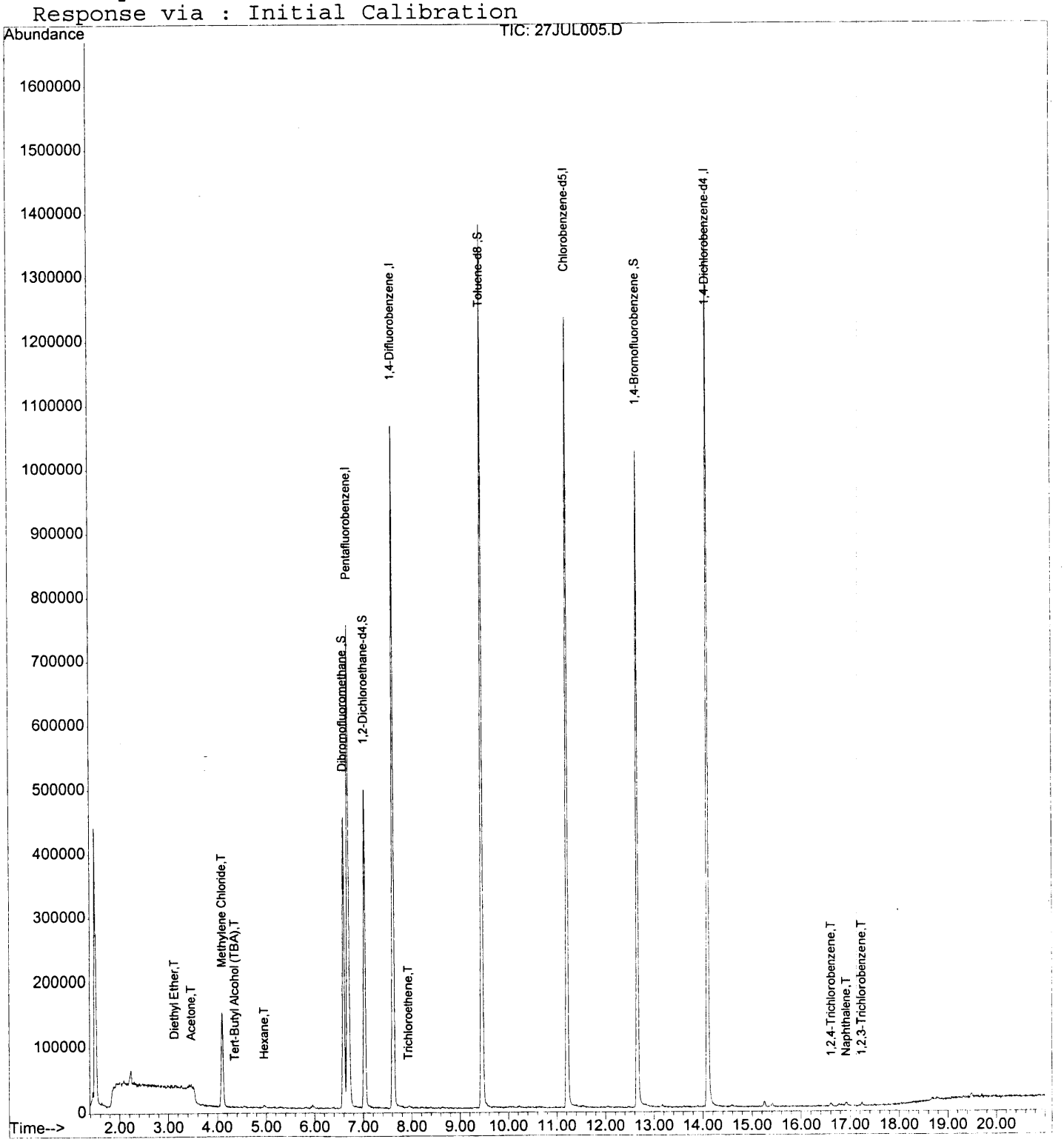
Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL005.D
Acq On : 27 Jul 2006 1:22 pm
Sample : MB
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 14:24 2006

Vial: 5
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL007.D
Acq On : 27 Jul 2006 2:18 pm
Sample : 06-07-1354-1A MS;5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:00:23 2006

Vial: 7
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	6.69	168	713214	50.00 ug/l	0.00
48) 1,4-Difluorobenzene	7.62	114	974219	50.00 ug/l	0.00
65) Chlorobenzene-d5	11.21	117	883931	50.00 ug/l	0.00
90) 1,4-Dichlorobenzene-d4	14.09	152	566318	50.00 ug/l	0.00
System Monitoring Compounds					
42) Dibromofluoromethane	6.60	113	310435	51.28 ug/l	0.00
Spiked Amount 50.000	Range 74 - 140		Recovery = 102.56%		
47) 1,2-Dichloroethane-d4	7.03	65	421387	54.89 ug/l	0.00
Spiked Amount 50.000	Range 74 - 146		Recovery = 109.78%		
62) Toluene-d8	9.45	98	1143318	49.78 ug/l	0.00
Spiked Amount 50.000	Range 90 - 108		Recovery = 99.56%		
82) 1,4-Bromofluorobenzene	12.66	95	434724	50.58 ug/l	0.00
Spiked Amount 50.000	Range 74 - 110		Recovery = 101.16%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.67	85	338081	30.57 ug/l	100
3) Chloromethane	1.86	50	415449	37.32 ug/l	98
4) Vinyl Chloride	1.97	62	402323	40.96 ug/l	99
5) Bromomethane	2.31	94	289421	55.16 ug/l	97
6) Chloroethane	2.43	64	260717	49.43 ug/l	100
7) Trichlorofluoromethane	2.74	101	728302	51.92 ug/l	97
8) Ethanol	3.00	45	38443	543.19 ug/l	93
9) Diethyl Ether	3.12	45	187602	51.41 ug/l	98
10) 2-Chloropropane	3.21	43	516252	49.68 ug/l	98
11) Acetone	3.48	58	15303	53.03 ug/l	85
12) Iodomethane	3.59	142	483683	61.29 ug/l	98
13) 1,1-Dichloroethene	3.39	61	501535	50.66 ug/l	95
14) 1,1,2-Trichloro-1,2,2-Trif	3.41	101	367451	52.98 ug/l	99
15) Tert-Butyl Alcohol (TBA)	4.35	59	114066	259.14 ug/l	100
16) Carbon Disulfide	3.69	76	922629	46.98 ug/l	99
17) Acetonitrile	3.91	41	549049	49.30 ug/l	98
18) Acrylonitrile	4.47	53	100756	53.20 ug/l	95
19) Allyl Chloride	3.91	41	549010	49.39 ug/l	98
20) Acrolein	3.26	56	253651	98.22 ug/l	97
21) Methyl Acetate	3.97	43	198236	49.47 ug/l	100
22) Methylene Chloride	4.10	84	370211	40.36 ug/l	100
23) 1-Chloropropane	4.15	42	547708	51.28 ug/l	98
24) t-1,2-Dichloroethene	4.52	96	306233	47.75 ug/l	95
25) Isobutyl Alcohol	3.97	43	198236	49.49 ug/l	96
26) Methyl-t-Butyl Ether (MTBE	4.55	73	781807	50.65 ug/l	99
27) Hexane	4.96	57	486063	47.25 ug/l	99

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL007.D
Acq On : 27 Jul 2006 2:18 pm
Sample : 06-07-1354-1A MS;5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:00:23 2006

Vial: 7
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28)	1,1-Dichloroethane	5.13	63	597564	50.75 ug/l	97
29)	Vinyl Acetate	5.24	86	49498	43.55 ug/l #	77
30)	Diisopropyl Ether (DIPE)	5.29	45	969501	49.95 ug/l	99
31)	Chloroprene	5.27	53	335313	34.51 ug/l	99
32)	Ethyl-t-Butyl Ether (ETBE)	5.80	59	840757	50.07 ug/l	99
33)	c-1,2-Dichloroethene	5.95	96	327574	50.14 ug/l	100
34)	2,2-Dichloropropane	5.95	77	509964	52.28 ug/l	96
35)	2-Butanone	5.99	43	92708	48.03 ug/l	97
36)	Propionitrile	6.03	54	36721	51.58 ug/l	91
37)	Methacrylonitrile	6.25	41	174946	50.06 ug/l	97
38)	Propanedinitrile	6.25	66	38136	48.26 ug/l	98
39)	Bromochloromethane	6.27	130	214878	50.66 ug/l	97
40)	Tetrahydrofuran	6.35	42	82564	51.24 ug/l	93
41)	Chloroform	6.39	83	611707	51.60 ug/l	99
43)	1,1,1-Trichloroethane	6.63	97	588687	53.03 ug/l	98
44)	Cyclohexane	6.71	84	482149	46.32 ug/l	98
45)	1,1-Dichloropropene	6.85	75	464544	49.78 ug/l	99
46)	Carbon Tetrachloride	6.86	117	537600	53.09 ug/l	98
49)	Benzene	7.11	78	1256434	48.97 ug/l	97
50)	1,2-Dichloroethane	7.13	62	514657	54.16 ug/l	99
51)	Tert-Amyl-Methyl Ether (TA	7.29	73	742071	50.95 ug/l	99
52)	Thiophene	7.37	84	599355	46.77 ug/l	99
53)	Trichloroethene	7.94	95	352448	50.42 ug/l	96
54)	1,2-Dichloropropane	8.21	63	323000	50.83 ug/l	100
55)	Methylcyclohexane	8.19	83	588428	49.01 ug/l	98
56)	Dibromomethane	8.35	93	188847	52.40 ug/l	100
57)	Methyl Methacrylate	8.38	69	149623	39.99 ug/l	98
58)	1,4-Dioxane	8.39	88	31413	529.00 ug/l	91
59)	Bromodichloromethane	8.56	83	474589	53.17 ug/l	97
60)	2-Chloroethyl Vinyl Ether	8.94	63	650	1.07 ug/l	53
61)	c-1,3-Dichloropropene	9.11	75	521784	53.30 ug/l	98
63)	Toluene	9.53	91	1347854	50.39 ug/l	99
64)	4-Methyl-2-Pentanone	9.30	58	91438	52.24 ug/l	100
66)	t-1,3-Dichloropropene	9.79	75	481032	54.35 ug/l	99
67)	Ethyl Methacrylate	9.92	69	279745	40.22 ug/l	99
68)	1,1,2-Trichloroethane	10.01	83	227779	51.38 ug/l	96
69)	Tetrachloroethene	10.21	166	439658	49.62 ug/l	98
70)	1,3-Dichloropropane	10.21	76	481291	51.56 ug/l	100
71)	2-Hexanone	10.33	58	65520	48.78 ug/l	97
72)	Dibromochloromethane	10.50	129	352812	51.12 ug/l	95
73)	1,2-Dibromoethane	10.63	107	280001	52.38 ug/l	95

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL007.D
Acq On : 27 Jul 2006 2:18 pm
Sample : 06-07-1354-1A MS;5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:00:23 2006

Vial: 7
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	Chlorobenzene	11.24	112	900140	49.50 ug/l	99
75)	1,1,1,2-Tetrachloroethane	11.34	131	358785	52.44 ug/l	98
76)	Ethylbenzene	11.39	91	1509209	51.24 ug/l	97
77)	p/m-Xylene	11.54	91	2312099	104.02 ug/l	96
78)	o-Xylene	12.02	91	1200919	52.28 ug/l	98
79)	Styrene	12.03	104	486607	25.92 ug/l	86
80)	Bromoform	12.25	173	244882	52.37 ug/l	99
81)	Isopropylbenzene	12.48	105	1548474	52.53 ug/l	98
83)	1,2,3-Trichloropropane	12.88	75	472580	55.55 ug/l	98
84)	Bromobenzene	12.84	156	424262	51.91 ug/l	97
85)	1,1,2,2-Tetrachloroethane	12.82	83	357014	52.60 ug/l	99
86)	n-Propylbenzene	12.99	91	1893748	53.53 ug/l	98
87)	t-1,4-Dichloro-2-Butene	12.89	53	136437	62.39 ug/l	98
88)	2-Chlorotoluene	13.09	91	1087221	53.86 ug/l	97
89)	1,3,5-Trimethylbenzene	13.21	105	1230184	49.20 ug/l	97
91)	4-Chlorotoluene	13.22	91	1297528	51.22 ug/l	97
92)	1,2,4-Trimethylbenzene	13.67	105	963685	36.18 ug/l	98
93)	tert-Butylbenzene	13.61	119	1464419	51.62 ug/l	96
94)	p-Isopropyltoluene	14.06	119	1555618	49.48 ug/l	99
95)	sec-Butylbenzene	13.89	105	1847147	51.12 ug/l	100
96)	1,3-Dichlorobenzene	14.02	146	881026	49.15 ug/l	99
97)	1,4-Dichlorobenzene	14.13	146	899168	50.54 ug/l	98
98)	1,2-Dichlorobenzene	14.59	146	822224	50.20 ug/l	99
99)	n-Butylbenzene	14.58	91	1440730	52.23 ug/l	100
100)	1,2-Dibromo-3-Chloropropan	15.54	75	73732	54.29 ug/l	96
101)	1,2,4-Trichlorobenzene	16.60	180	660926	49.94 ug/l	99
102)	Hexachloro-1,3-Butadiene	16.83	225	445210	49.79 ug/l	99
103)	Naphthalene	16.91	128	1089216	44.57 ug/l	100
104)	1,2,3-Trichlorobenzene	17.23	180	630324	51.00 ug/l	99

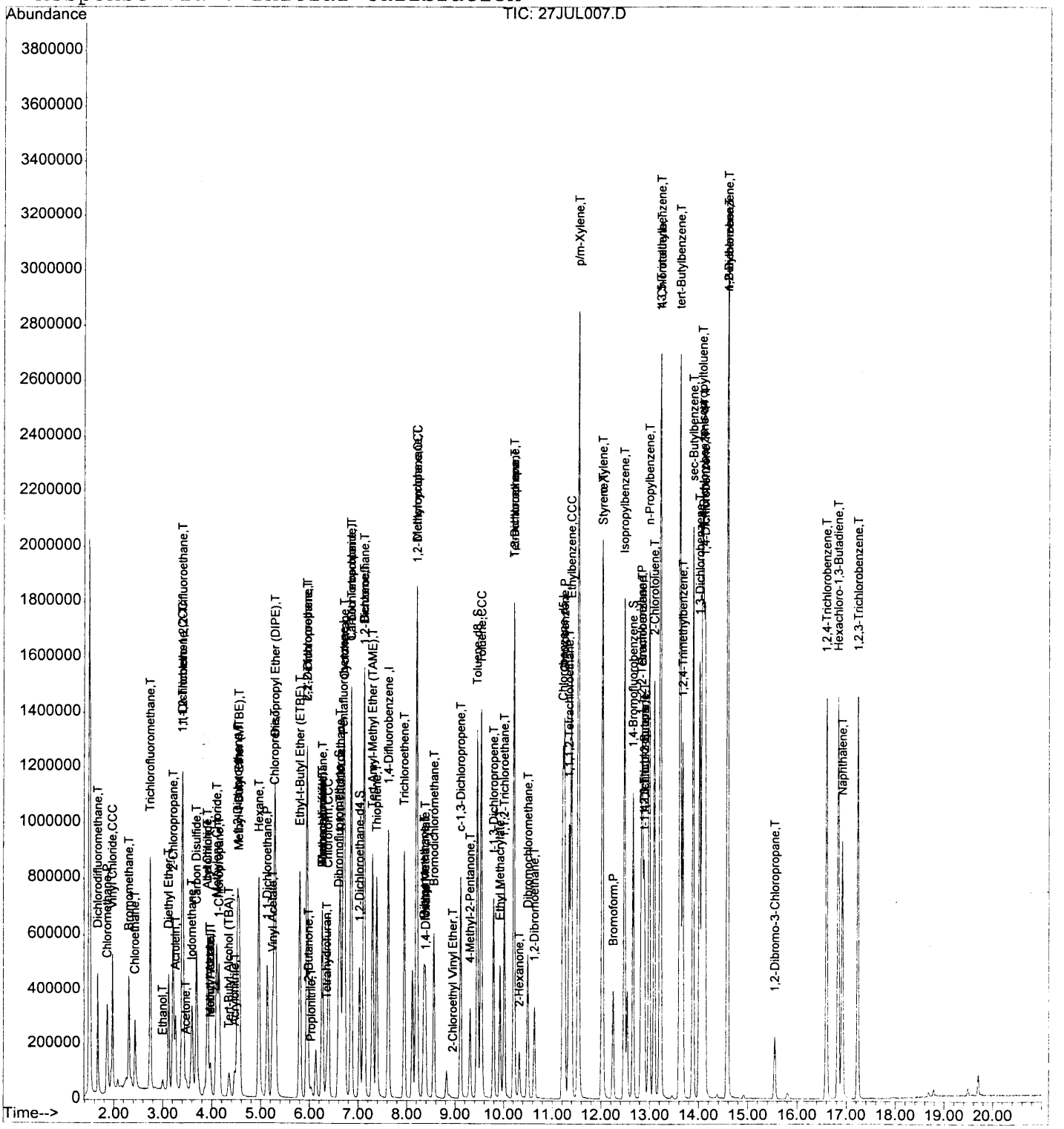
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL007.D
Acq On : 27 Jul 2006 2:18 pm
Sample : 06-07-1354-1A MS;5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:00 2006

Vial: 7
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL008.D
Acq On : 27 Jul 2006 2:46 pm
Sample : 06-07-1354-1A MSD;5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:00:25 2006

Vial: 8
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.69	168	726113	50.00	ug/l	0.00
48) 1,4-Difluorobenzene	7.62	114	1010294	50.00	ug/l	0.00
65) Chlorobenzene-d5	11.21	117	898140	50.00	ug/l	0.00
90) 1,4-Dichlorobenzene-d4	14.09	152	557108	50.00	ug/l	0.00
System Monitoring Compounds						
42) Dibromofluoromethane	6.60	113	318706	51.71	ug/l	0.00
Spiked Amount 50.000	Range 74 - 140		Recovery = 103.42%			
47) 1,2-Dichloroethane-d4	7.03	65	432298	55.31	ug/l	0.00
Spiked Amount 50.000	Range 74 - 146		Recovery = 110.62%			
62) Toluene-d8	9.45	98	1169663	49.11	ug/l	0.00
Spiked Amount 50.000	Range 90 - 108		Recovery = 98.22%			
82) 1,4-Bromofluorobenzene	12.66	95	432004	49.47	ug/l	0.00
Spiked Amount 50.000	Range 74 - 110		Recovery = 98.94%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.67	85	365765	32.49	ug/l	98
3) Chloromethane	1.86	50	449317	39.64	ug/l	100
4) Vinyl Chloride	1.97	62	434005	43.40	ug/l	99
5) Bromomethane	2.31	94	293184	54.88	ug/l	92
6) Chloroethane	2.43	64	265994	49.54	ug/l	94
7) Trichlorofluoromethane	2.74	101	747693	52.35	ug/l	100
8) Ethanol	3.00	45	40994	568.94	ug/l	96
9) Diethyl Ether	3.12	45	193837	52.17	ug/l	99
10) 2-Chloropropane	3.21	43	538380	50.89	ug/l	98
11) Acetone	3.48	58	14442	49.16	ug/l #	67
12) Iodomethane	3.59	142	431708	53.73	ug/l	96
13) 1,1-Dichloroethene	3.39	61	495431	49.15	ug/l	97
14) 1,1,2-Trichloro-1,2,2-Trif	3.41	101	377803	53.51	ug/l	98
15) Tert-Butyl Alcohol (TBA)	4.35	59	123292	275.12	ug/l	97
16) Carbon Disulfide	3.69	76	965775	48.31	ug/l	99
17) Acetonitrile	3.91	41	578804	51.05	ug/l	99
18) Acrylonitrile	4.47	53	103743	53.80	ug/l	98
19) Allyl Chloride	3.91	41	578460	51.12	ug/l	98
20) Acrolein	3.26	56	263131	100.08	ug/l	97
21) Methyl Acetate	3.97	43	208671	51.15	ug/l	100
22) Methylene Chloride	4.10	84	390416	41.81	ug/l	99
23) 1-Chloropropane	4.15	42	579433	53.29	ug/l	100
24) t-1,2-Dichloroethene	4.52	96	311369	47.69	ug/l	99
25) Isobutyl Alcohol	3.97	43	208671	51.17	ug/l	99
26) Methyl-t-Butyl Ether (MTBE	4.56	73	820334	52.20	ug/l	100
27) Hexane	4.96	57	508787	48.58	ug/l	99

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL008.D
Acq On : 27 Jul 2006 2:46 pm
Sample : 06-07-1354-1A MSD;5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:00:25 2006

Vial: 8
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
28)	1,1-Dichloroethane	5.14	63	615738	51.36 ug/l		99
29)	Vinyl Acetate	5.24	86	50650	43.77 ug/l	#	85
30)	Diisopropyl Ether (DIPE)	5.29	45	998988	50.56 ug/l		98
31)	Chloroprene	5.27	53	207472	20.97 ug/l		95
32)	Ethyl-t-Butyl Ether (ETBE)	5.80	59	876985	51.30 ug/l		100
33)	c-1,2-Dichloroethene	5.95	96	347986	52.32 ug/l		99
34)	2,2-Dichloropropane	5.95	77	523763	52.74 ug/l		96
35)	2-Butanone	5.98	43	96996	49.36 ug/l		97
36)	Propionitrile	6.03	54	38110	52.58 ug/l		91
37)	Methacrylonitrile	6.25	41	183331	51.53 ug/l		95
38)	Propanedinitrile	6.25	66	37743	46.92 ug/l		96
39)	Bromochloromethane	6.27	130	219955	50.94 ug/l		93
40)	Tetrahydrofuran	6.35	42	86664	52.83 ug/l		98
41)	Chloroform	6.39	83	634417	52.56 ug/l		98
43)	1,1,1-Trichloroethane	6.63	97	612684	54.21 ug/l		99
44)	Cyclohexane	6.71	84	503945	47.56 ug/l		98
45)	1,1-Dichloropropene	6.86	75	472126	49.70 ug/l		98
46)	Carbon Tetrachloride	6.86	117	563007	54.61 ug/l		96
49)	Benzene	7.12	78	1300936	48.90 ug/l		97
50)	1,2-Dichloroethane	7.12	62	527615	53.54 ug/l		99
51)	Tert-Amyl-Methyl Ether (TA	7.29	73	761426	50.41 ug/l		100
52)	Thiophene	7.38	84	587323	44.19 ug/l		98
53)	Trichloroethene	7.94	95	359918	49.65 ug/l		96
54)	1,2-Dichloropropane	8.21	63	336367	51.04 ug/l		100
55)	Methylcyclohexane	8.20	83	607101	48.76 ug/l		99
56)	Dibromomethane	8.35	93	196736	52.64 ug/l		98
57)	Methyl Methacrylate	8.38	69	146577	37.78 ug/l		96
58)	1,4-Dioxane	8.39	88	33429	542.85 ug/l		91
59)	Bromodichloromethane	8.56	83	477974	51.64 ug/l		95
60)	2-Chloroethyl Vinyl Ether	8.96	63	184	0.29 ug/l	#	43
61)	c-1,3-Dichloropropene	9.11	75	540632	53.25 ug/l		99
63)	Toluene	9.53	91	1380570	49.77 ug/l		99
64)	4-Methyl-2-Pentanone	9.30	58	96982	53.43 ug/l		99
66)	t-1,3-Dichloropropene	9.79	75	495787	55.13 ug/l		98
67)	Ethyl Methacrylate	9.92	69	258884	36.63 ug/l		98
68)	1,1,2-Trichloroethane	10.01	83	231658	51.43 ug/l		98
69)	Tetrachloroethene	10.21	166	461538	51.27 ug/l		94
70)	1,3-Dichloropropane	10.21	76	502049	52.93 ug/l		99
71)	2-Hexanone	10.33	58	69778	51.13 ug/l		97
72)	Dibromochloromethane	10.49	129	367213	52.37 ug/l		98
73)	1,2-Dibromoethane	10.63	107	294238	54.17 ug/l		94

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL008.D
Acq On : 27 Jul 2006 2:46 pm
Sample : 06-07-1354-1A MSD;5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:00:25 2006

Vial: 8
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	Chlorobenzene	11.25	112	937666	50.75	ug/l	99
75)	1,1,1,2-Tetrachloroethane	11.34	131	362623	52.16	ug/l	99
76)	Ethylbenzene	11.39	91	1539897	51.45	ug/l	97
77)	p/m-Xylene	11.54	91	2252236	99.72	ug/l	96
78)	o-Xylene	12.02	91	1190279	50.99	ug/l	97
79)	Styrene	12.03	104	309772	16.24	ug/l	79
80)	Bromoform	12.24	173	255210	53.71	ug/l	97
81)	Isopropylbenzene	12.48	105	1561455	52.14	ug/l	99
83)	1,2,3-Trichloropropane	12.88	75	494568	57.22	ug/l	97
84)	Bromobenzene	12.84	156	427639	51.49	ug/l	100
85)	1,1,2,2-Tetrachloroethane	12.82	83	368256	53.40	ug/l	93
86)	n-Propylbenzene	12.99	91	1882376	52.36	ug/l	99
87)	t-1,4-Dichloro-2-Butene	12.89	53	142218	64.00	ug/l	97
88)	2-Chlorotoluene	13.09	91	1102523	53.76	ug/l	98
89)	1,3,5-Trimethylbenzene	13.21	105	1131699	44.55	ug/l	96
91)	4-Chlorotoluene	13.22	91	1290098	51.77	ug/l	100
92)	1,2,4-Trimethylbenzene	13.67	105	701234	26.76	ug/l	100
93)	tert-Butylbenzene	13.61	119	1534382	54.98	ug/l	96
94)	p-Isopropyltoluene	14.07	119	1464409	47.35	ug/l	99
95)	sec-Butylbenzene	13.89	105	1832060	51.54	ug/l	98
96)	1,3-Dichlorobenzene	14.02	146	875218	49.63	ug/l	97
97)	1,4-Dichlorobenzene	14.13	146	877634	50.14	ug/l	99
98)	1,2-Dichlorobenzene	14.59	146	813290	50.47	ug/l	98
99)	n-Butylbenzene	14.58	91	1411109	52.00	ug/l	98
100)	1,2-Dibromo-3-Chloropropan	15.54	75	75006	56.14	ug/l	99
101)	1,2,4-Trichlorobenzene	16.60	180	655352	50.34	ug/l	99
102)	Hexachloro-1,3-Butadiene	16.83	225	424979	48.31	ug/l	98
103)	Naphthalene	16.91	128	1005288	41.81	ug/l	99
104)	1,2,3-Trichlorobenzene	17.23	180	622779	51.22	ug/l	99

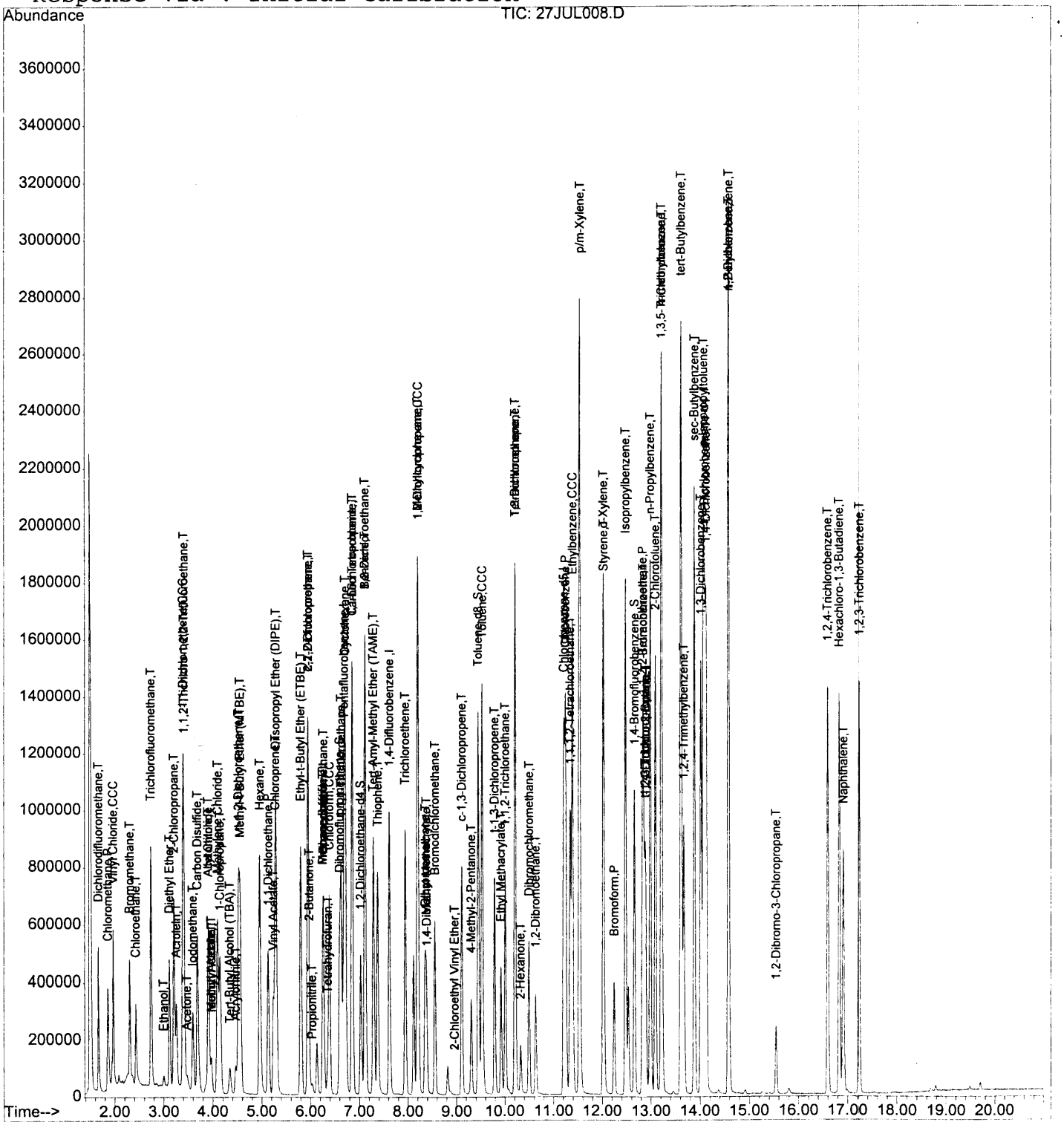
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072706\27JUL008.D
Acq On : 27 Jul 2006 2:46 pm
Sample : 06-07-1354-1A MSD;5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:00 2006

Vial: 8
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : D:\DATA\072706\27JUL009.D
Acq On : 27 Jul 2006 3:13 pm
Sample : 06-07-1072-1J 5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:00:27 2006

Vial: 9
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	6.69	168	692215	50.00 ug/l	0.00
48) 1,4-Difluorobenzene	7.62	114	958647	50.00 ug/l	0.00
65) Chlorobenzene-d5	11.21	117	868278	50.00 ug/l	0.00
90) 1,4-Dichlorobenzene-d4	14.09	152	496265	50.00 ug/l	0.00
System Monitoring Compounds					
42) Dibromofluoromethane	6.60	113	316761	53.91 ug/l	0.00
Spiked Amount 50.000	Range 74 - 140		Recovery = 107.82%		
47) 1,2-Dichloroethane-d4	7.03	65	420109	56.39 ug/l	0.00
Spiked Amount 50.000	Range 74 - 146		Recovery = 112.78%		
62) Toluene-d8	9.45	98	1102115	48.76 ug/l	0.00
Spiked Amount 50.000	Range 90 - 108		Recovery = 97.52%		
82) 1,4-Bromofluorobenzene	12.66	95	391779	46.40 ug/l	0.00
Spiked Amount 50.000	Range 74 - 110		Recovery = 92.80%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.67	85	14609	1.36 ug/l	96
3) Chloromethane	1.89	50	322	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D. d	
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	0.00	64	0	N.D. d	
7) Trichlorofluoromethane	2.76	101	7308	0.54 ug/l	98
8) Ethanol	0.00	45	0	N.D. d	
9) Diethyl Ether	3.12	45	1611	0.45 ug/l #	41
10) 2-Chloropropane	0.00	43	0	N.D. d	
11) Acetone	3.54	58	78	0.28 ug/l	96
12) Iodomethane	3.60	142	42	N.D.	
13) 1,1-Dichloroethene	3.39	61	25675	2.67 ug/l	87
14) 1,1,2-Trichloro-1,2,2-Trif	3.41	101	776	0.12 ug/l	91
15) Tert-Butyl Alcohol (TBA)	4.33	59	442	1.03 ug/l #	89
16) Carbon Disulfide	3.68	76	489	N.D.	
17) Acetonitrile	3.91	41	163	N.D.	
18) Acrylonitrile	4.48	53	158	N.D.	
19) Allyl Chloride	3.91	41	163	N.D.	
20) Acrolein	0.00	56	0	N.D. d	
21) Methyl Acetate	0.00	43	0	N.D. d	
22) Methylene Chloride	4.10	84	59918	6.73 ug/l	96
23) 1-Chloropropane	4.16	42	579	N.D.	
24) t-1,2-Dichloroethene	4.53	96	3050	0.49 ug/l	83
25) Isobutyl Alcohol	0.00	43	0	N.D. d	
26) Methyl-t-Butyl Ether (MTBE	4.56	73	2287	0.15 ug/l	86
27) Hexane	4.96	57	4016	0.40 ug/l	82

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

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072706\27JUL009.D
Acq On : 27 Jul 2006 3:13 pm
Sample : 06-07-1072-1J 5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:00:27 2006

Vial: 9
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28)	1,1-Dichloroethane	5.13	63	66374	5.81 ug/l	97
29)	Vinyl Acetate	0.00	86	0	N.D.	
30)	Diisopropyl Ether (DIPE)	5.30	45	15070	0.80 ug/l	97
31)	Chloroprene	5.28	53	45	N.D.	
32)	Ethyl-t-Butyl Ether (ETBE)	5.80	59	204	N.D.	
33)	c-1,2-Dichloroethene	5.96	96	25826	4.07 ug/l	89
34)	2,2-Dichloropropane	5.95	77	95	N.D.	
35)	2-Butanone	6.00	43	1002	0.53 ug/l	59
36)	Propionitrile	6.02	54	42	N.D.	
37)	Methacrylonitrile	6.25	41	256	N.D.	
38)	Propanedinitrile	0.00	66	0	N.D. d	
39)	Bromochloromethane	6.27	130	46	N.D.	
40)	Tetrahydrofuran	0.00	42	0	N.D. d	
41)	Chloroform	6.39	83	22826	1.98 ug/l	97
43)	1,1,1-Trichloroethane	6.63	97	5955	0.55 ug/l	79
44)	Cyclohexane	0.00	84	0	N.D. d	
45)	1,1-Dichloropropene	6.85	75	261	N.D.	
46)	Carbon Tetrachloride	6.95	117	56	N.D.	
49)	Benzene	7.11	78	2200	N.D.	
50)	1,2-Dichloroethane	0.00	62	0	N.D. d	
51)	Tert-Amyl-Methyl Ether (TA	7.29	73	280	N.D.	
52)	Thiophene	7.37	84	167	N.D.	
53)	Trichloroethene	7.94	95	510334	74.19 ug/l	98
54)	1,2-Dichloropropane	0.00	63	0	N.D. d	
55)	Methylcyclohexane	8.21	83	163	N.D.	
56)	Dibromomethane	8.36	93	162	N.D.	
57)	Methyl Methacrylate	8.38	69	358	N.D.	
58)	1,4-Dioxane	8.40	88	241	4.12 ug/l #	24
59)	Bromodichloromethane	8.56	83	1324	0.15 ug/l #	59
60)	2-Chloroethyl Vinyl Ether	8.94	63	41	N.D.	
61)	c-1,3-Dichloropropene	9.10	75	148	N.D.	
63)	Toluene	9.54	91	3631	0.14 ug/l	73
64)	4-Methyl-2-Pentanone	9.30	58	108	N.D.	
66)	t-1,3-Dichloropropene	9.78	75	67	N.D.	
67)	Ethyl Methacrylate	9.93	69	57	N.D.	
68)	1,1,2-Trichloroethane	10.00	83	183	N.D.	
69)	Tetrachloroethene	10.21	166	195922	22.51 ug/l	96
70)	1,3-Dichloropropane	10.21	76	264	N.D.	
71)	2-Hexanone	10.34	58	33	N.D.	
72)	Dibromochloromethane	10.49	129	118	N.D.	
73)	1,2-Dibromoethane	10.64	107	226	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072706\27JUL009.D
Acq On : 27 Jul 2006 3:13 pm
Sample : 06-07-1072-1J 5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:00:27 2006

Vial: 9
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	Chlorobenzene	11.24	112	1049	N.D.	
75)	1,1,1,2-Tetrachloroethane	11.35	131	103	N.D.	
76)	Ethylbenzene	11.41	91	1752	N.D.	
77)	p/m-Xylene	11.55	91	2395	0.11 ug/l	82
78)	o-Xylene	12.04	91	1613	N.D.	
79)	Styrene	12.05	104	89	N.D.	
80)	Bromoform	12.25	173	195	N.D.	
81)	Isopropylbenzene	12.48	105	533	N.D.	
83)	1,2,3-Trichloropropane	12.90	75	590	N.D.	
84)	Bromobenzene	12.85	156	210	N.D.	
85)	1,1,2,2-Tetrachloroethane	12.82	83	634	N.D.	
86)	n-Propylbenzene	12.99	91	1115	N.D.	
87)	t-1,4-Dichloro-2-Butene	12.90	53	76	N.D.	
88)	2-Chlorotoluene	13.13	91	574	N.D.	
89)	1,3,5-Trimethylbenzene	13.22	105	530	N.D.	
91)	4-Chlorotoluene	13.23	91	439	N.D.	
92)	1,2,4-Trimethylbenzene	13.69	105	525	N.D.	
93)	tert-Butylbenzene	13.61	119	696	N.D.	
94)	p-Isopropyltoluene	14.07	119	1232	N.D.	
95)	sec-Butylbenzene	13.89	105	1221	N.D.	
96)	1,3-Dichlorobenzene	14.02	146	743	N.D.	
97)	1,4-Dichlorobenzene	14.13	146	1628	0.10 ug/l	75
98)	1,2-Dichlorobenzene	14.61	146	1007	N.D.	
99)	n-Butylbenzene	14.60	91	1384	N.D.	
100)	1,2-Dibromo-3-Chloropropan	0.00	75	0	N.D. d	
101)	1,2,4-Trichlorobenzene	16.59	180	981	N.D.	
102)	Hexachloro-1,3-Butadiene	0.00	225	0	N.D. d	
103)	Naphthalene	16.92	128	6687	0.31 ug/l	78
104)	1,2,3-Trichlorobenzene	17.23	180	2115	0.20 ug/l	86

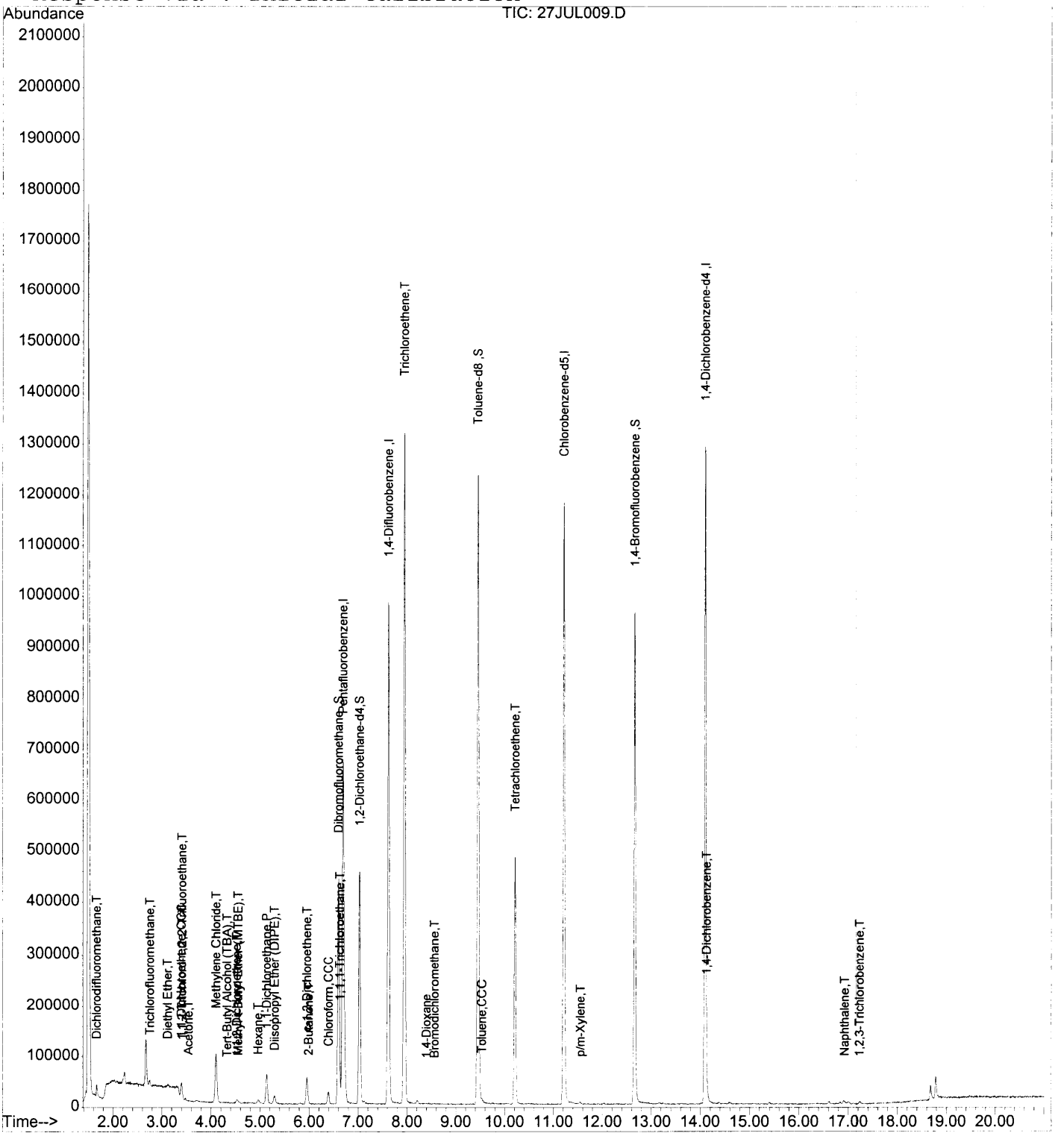
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072706\27JUL009.D
Acq On : 27 Jul 2006 3:13 pm
Sample : 06-07-1072-1J 5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:01 2006

Vial: 9
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072506\25JUL024.D
Acq On : 25 Jul 2006 10:05 pm
Sample : 06-07-1072-1J 5ML;1X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 10:42:59 2006

Vial: 24
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 070706.RES

Quant Method : C:\MSDCHEM\1\METHODS\070706.M (RTE Integrator)
Title : EPA 8260B
Last Update : Tue Jul 25 10:17:08 2006
Response via : Initial Calibration
DataAcq Meth : 8260

(P) 2+ b/c carryover

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	6.69	168	605992	50.00 ug/l	0.00
48) 1,4-Difluorobenzene	7.62	114	843025	50.00 ug/l	0.00
65) Chlorobenzene-d5	11.21	117	756513	50.00 ug/l	0.00
90) 1,4-Dichlorobenzene-d4	14.09	152	424882	50.00 ug/l	0.00

System Monitoring Compounds					
42) Dibromofluoromethane	6.60	113	269753	59.13 ug/l	0.00
Spiked Amount 50.000	Range 74 - 140		Recovery = 118.26%		
47) 1,2-Dichloroethane-d4	7.03	65	351196	68.85 ug/l	0.00
Spiked Amount 50.000	Range 74 - 146		Recovery = 137.70%		
62) Toluene-d8	9.45	98	956464	50.25 ug/l	0.00
Spiked Amount 50.000	Range 90 - 108		Recovery = 100.50%		
82) 1,4-Bromofluorobenzene	12.66	95	337706	49.81 ug/l	0.00
Spiked Amount 50.000	Range 74 - 110		Recovery = 99.62%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.67	85	37486	6.82 ug/l	98
3) Chloromethane	1.86	50	2822	0.37 ug/l	95
4) Vinyl Chloride	2.04	62	166	N.D.	
5) Bromomethane	2.30	94	336	N.D.	
6) Chloroethane	2.48	64	828	0.22 ug/l	49
7) Trichlorofluoromethane	2.75	101	9447	1.22 ug/l	92
8) Ethanol	2.99	45	1339	21.04 ug/l #	29
9) Diethyl Ether	3.11	45	758	0.27 ug/l	82
10) 2-Chloropropane	3.21	43	1789	0.24 ug/l #	48
11) Acetone	3.48	58	24327	77.47 ug/l	94
12) Iodomethane	3.60	142	115	N.D.	
13) 1,1-Dichloroethene	3.40	61	6086	0.85 ug/l	86
14) 1,1,2-Trichloro-1,2,2-Trif	3.40	101	541	0.11 ug/l #	32
15) Tert-Butyl Alcohol (TBA)	4.33	59	651	1.35 ug/l	81
16) Carbon Disulfide	3.69	76	2192	0.13 ug/l	70
17) Acetonitrile	3.86	41	1170	0.13 ug/l	72
18) Acrylonitrile	4.50	53	35	N.D.	
19) Allyl Chloride	3.94	41	490	N.D.	
20) Acrolein	3.23	56	645	0.28 ug/l	88
21) Methyl Acetate	3.97	43	1329	0.38 ug/l #	68
22) Methylene Chloride	4.10	84	18080	2.98 ug/l	89
23) 1-Chloropropane	4.15	42	224	N.D.	
24) t-1,2-Dichloroethene	4.52	96	1436	0.26 ug/l	90
25) Isobutyl Alcohol	3.97	43	1329	0.38 ug/l	77
26) Methyl-t-Butyl Ether (MTBE	4.56	73	1037	N.D.	
27) Hexane	4.97	57	2901	0.31 ug/l #	65

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072506\25JUL024.D
Acq On : 25 Jul 2006 10:05 pm
Sample : 06-07-1072-1J 5ML;1X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 10:42:59 2006

Vial: 24
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 070706.RES

Quant Method : C:\MSDCHEM\1\METHODS\070706.M (RTE Integrator)
Title : EPA 8260B
Last Update : Tue Jul 25 10:17:08 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28)	1,1-Dichloroethane	5.14	63	56251	5.94 ug/l	96
29)	Vinyl Acetate	5.27	86	83	N.D.	
30)	Diisopropyl Ether (DIPE)	5.29	45	227134	13.35 ug/l	94
31)	Chloroprene	5.30	53	162	N.D.	
32)	Ethyl-t-Butyl Ether (ETBE)	0.00	59	0	N.D.	
33)	c-1,2-Dichloroethene	5.96	96	20915	3.71 ug/l	93
34)	2,2-Dichloropropane	5.92	77	35	N.D.	
35)	2-Butanone	5.98	43	392704	234.32 ug/l	97
36)	Propionitrile	6.06	54	41	N.D.	
37)	Methacrylonitrile	6.28	41	2264	0.74 ug/l #	16
38)	Propanedinitrile	0.00	66	0	N.D.	
39)	Bromochloromethane	0.00	130	0	N.D.	
40)	Tetrahydrofuran	6.37	42	461	0.32 ug/l #	32
41)	Chloroform	6.40	83	17637	2.00 ug/l	98
43)	1,1,1-Trichloroethane	6.64	97	5000	0.60 ug/l	77
44)	Cyclohexane	6.69	84	13529	1.47 ug/l #	51
45)	1,1-Dichloropropene	0.00	75	0	N.D.	
46)	Carbon Tetrachloride	6.86	117	297	N.D.	
49)	Benzene	7.13	78	2275	0.10 ug/l	86
50)	1,2-Dichloroethane	7.13	62	473	N.D.	
51)	Tert-Amyl-Methyl Ether (TA	7.30	73	146	N.D.	
52)	Thiophene	7.37	84	32	N.D.	
53)	Trichloroethene	7.94	95	345186	60.58 ug/l	96
54)	1,2-Dichloropropane	8.22	63	2148	0.39 ug/l	88
55)	Methylcyclohexane	8.20	83	48	N.D.	
56)	Dibromomethane	0.00	93	0	N.D.	
57)	Methyl Methacrylate	8.39	69	41	N.D.	
58)	1,4-Dioxane	8.36	88	40	0.81 ug/l	99
59)	Bromodichloromethane	8.53	83	93	N.D.	
60)	2-Chloroethyl Vinyl Ether	8.93	63	51	N.D.	
61)	c-1,3-Dichloropropene	0.00	75	0	N.D.	
63)	Toluene	9.53	91	2674	0.12 ug/l	85
64)	4-Methyl-2-Pentanone	9.30	58	21535	12.16 ug/l	96
66)	t-1,3-Dichloropropene	9.74	75	32	N.D.	
67)	Ethyl Methacrylate	9.88	69	47	N.D.	
68)	1,1,2-Trichloroethane	10.01	83	34	N.D.	
69)	Tetrachloroethene	10.21	166	179882	25.61 ug/l	97
70)	1,3-Dichloropropane	0.00	76	0	N.D.	
71)	2-Hexanone	10.43	58	48	N.D.	
72)	Dibromochloromethane	10.50	129	76	N.D.	
73)	1,2-Dibromoethane	0.00	107	0	N.D.	

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072506\25JUL024.D
Acq On : 25 Jul 2006 10:05 pm
Sample : 06-07-1072-1J 5ML;1X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 10:42:59 2006

Vial: 24
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 070706.RES

Quant Method : C:\MSDCHEM\1\METHODS\070706.M (RTE Integrator)
Title : EPA 8260B
Last Update : Tue Jul 25 10:17:08 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	Chlorobenzene	11.25	112	506	N.D.	
75)	1,1,1,2-Tetrachloroethane	11.35	131	33	N.D.	
76)	Ethylbenzene	11.41	91	2035	N.D.	
77)	p/m-Xylene	11.55	91	2356	0.12 ug/l	61
78)	o-Xylene	12.04	91	624	N.D.	
79)	Styrene	0.00	104	0	N.D.	
80)	Bromoform	0.00	173	0	N.D.	
81)	Isopropylbenzene	12.47	105	436	N.D.	
83)	1,2,3-Trichloropropane	12.95	75	242	N.D.	
84)	Bromobenzene	0.00	156	0	N.D.	
85)	1,1,2,2-Tetrachloroethane	12.84	83	76	N.D.	
86)	n-Propylbenzene	12.99	91	1944	N.D.	
87)	t-1,4-Dichloro-2-Butene	12.89	53	37	N.D.	
88)	2-Chlorotoluene	13.09	91	101	N.D.	
89)	1,3,5-Trimethylbenzene	13.23	105	344	N.D.	
91)	4-Chlorotoluene	13.18	91	38	N.D.	
92)	1,2,4-Trimethylbenzene	13.67	105	1175	N.D.	
93)	tert-Butylbenzene	13.69	119	37	N.D.	
94)	p-Isopropyltoluene	14.06	119	46	N.D.	
95)	sec-Butylbenzene	13.90	105	47	N.D.	
96)	1,3-Dichlorobenzene	14.03	146	34	N.D.	
97)	1,4-Dichlorobenzene	14.13	146	445	N.D.	
98)	1,2-Dichlorobenzene	14.59	146	34	N.D.	
99)	n-Butylbenzene	14.58	91	416	N.D.	
100)	1,2-Dibromo-3-Chloropropan	0.00	75	0	N.D.	
101)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
102)	Hexachloro-1,3-Butadiene	0.00	225	0	N.D.	
103)	Naphthalene	16.92	128	2018	N.D.	
104)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

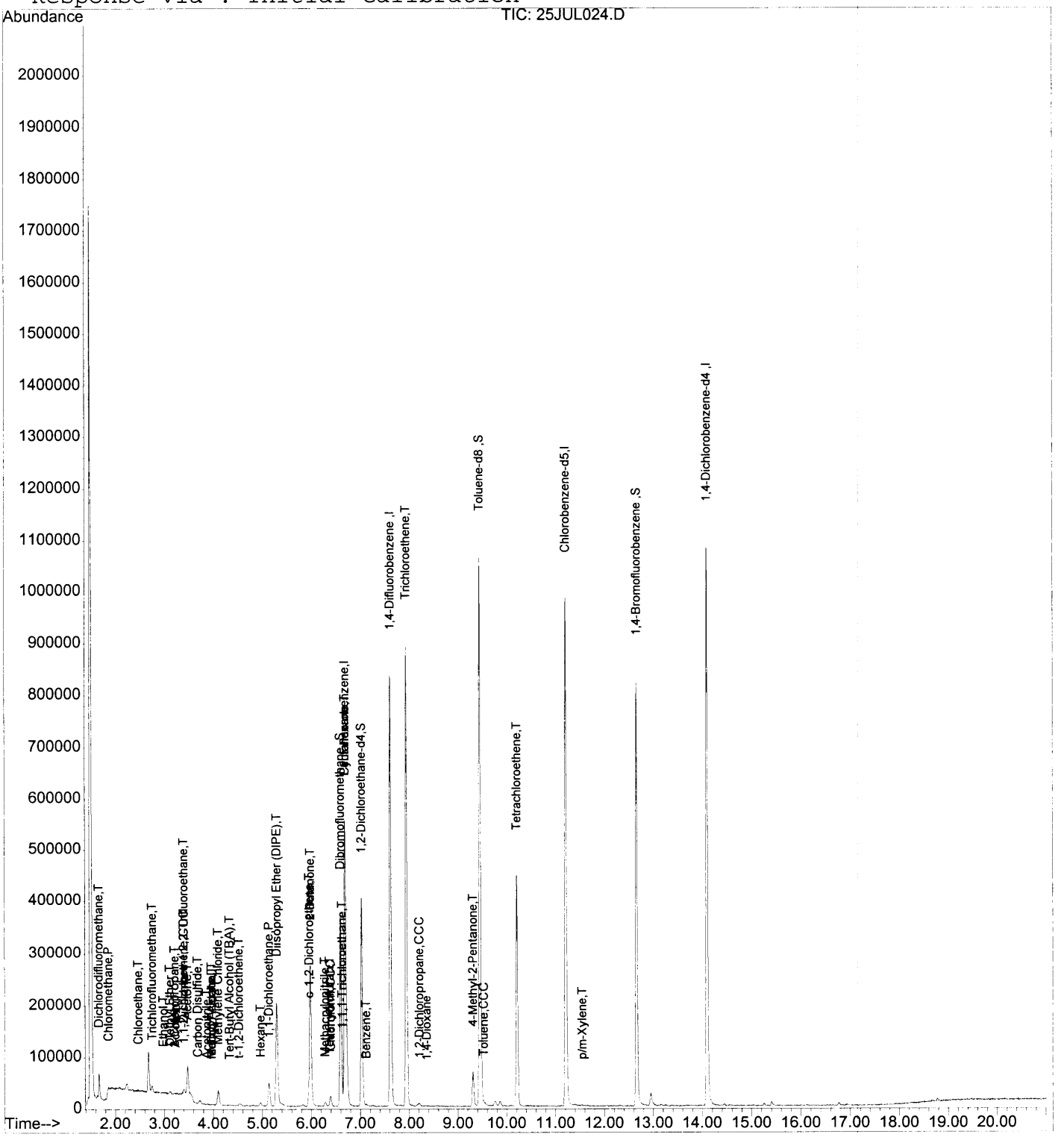
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072506\25JUL024.D
Acq On : 25 Jul 2006 10:05 pm
Sample : 06-07-1072-1J 5ML;1X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 10:43 2006

Vial: 24
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 070706.RES

Method : C:\MSDCHEM\1\METHODS\070706.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 10:43:15 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL017.D
Acq On : 26 Jul 2006 7:00 pm
Sample : 06-07-1072-1J 2.5ML;2X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:22:52 2006

Vial: 17
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

@ 1700

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.69	168	858251	50.00	ug/l	0.00
48) 1,4-Difluorobenzene	7.61	114	1195026	50.00	ug/l	0.00
65) Chlorobenzene-d5	11.21	117	1062450	50.00	ug/l	0.00
90) 1,4-Dichlorobenzene-d4	14.09	152	609055	50.00	ug/l	0.00
System Monitoring Compounds						
42) Dibromofluoromethane	6.60	113	375667	51.57	ug/l	0.00
Spiked Amount 50.000	Range 74 - 140		Recovery = 103.14%			
47) 1,2-Dichloroethane-d4	7.03	65	493215	53.39	ug/l	0.00
Spiked Amount 50.000	Range 74 - 146		Recovery = 106.78%			
62) Toluene-d8	9.45	98	1333221	47.32	ug/l	0.00
Spiked Amount 50.000	Range 90 - 108		Recovery = 94.64%			
82) 1,4-Bromofluorobenzene	12.66	95	479167	46.38	ug/l	0.00
Spiked Amount 50.000	Range 74 - 110		Recovery = 92.76%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.67	85	13522	1.02	ug/l	99
3) Chloromethane	1.88	50	958	N.D.		
4) Vinyl Chloride	2.00	62	197	N.D.		
5) Bromomethane	2.32	94	505	N.D.		
6) Chloroethane	2.43	64	169	N.D.		
7) Trichlorofluoromethane	2.76	101	5432	0.32	ug/l	77
8) Ethanol	2.99	45	731	8.58	ug/l #	1
9) Diethyl Ether	3.12	45	954	0.22	ug/l #	71
10) 2-Chloropropane	3.21	43	1961	0.16	ug/l #	42
11) Acetone	3.48	58	3195	9.20	ug/l	97
12) Iodomethane	3.62	142	144	N.D.		
13) 1,1-Dichloroethene	3.40	61	2779	0.23	ug/l	75
14) 1,1,2-Trichloro-1,2,2-Trif	3.40	101	580	N.D.		
15) Tert-Butyl Alcohol (TBA)	4.35	59	482	0.91	ug/l	81
16) Carbon Disulfide	3.69	76	1734	N.D.		
17) Acetonitrile	3.95	41	832	N.D.		
18) Acrylonitrile	4.48	53	521	0.23	ug/l #	24
19) Allyl Chloride	3.90	41	324	N.D.		
20) Acrolein	3.20	56	384	0.12	ug/l	93
21) Methyl Acetate	4.04	43	219	N.D.		
22) Methylene Chloride	4.10	84	64871	5.88	ug/l	95
23) 1-Chloropropane	4.16	42	366	N.D.		
24) t-1,2-Dichloroethene	4.53	96	1519	0.20	ug/l	76
25) Isobutyl Alcohol	3.97	43	1204	0.25	ug/l	65
26) Methyl-t-Butyl Ether (MTBE	4.55	73	1888	0.10	ug/l	100
27) Hexane	4.96	57	4855	0.39	ug/l	87

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL017.D
Acq On : 26 Jul 2006 7:00 pm
Sample : 06-07-1072-1J 2.5ML;2X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:22:52 2006

Vial: 17
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28)	1,1-Dichloroethane	5.14	63	38277	2.70 ug/l	97
29)	Vinyl Acetate	5.23	86	37	N.D.	
30)	Diisopropyl Ether (DIPE)	5.30	45	10513	0.45 ug/l	94
31)	Chloroprene	5.27	53	56	N.D.	
32)	Ethyl-t-Butyl Ether (ETBE)	5.79	59	212	N.D.	
33)	c-1,2-Dichloroethene	5.95	96	14878	1.89 ug/l	94
34)	2,2-Dichloropropane	6.00	77	44	N.D.	
35)	2-Butanone	5.99	43	710	0.31 ug/l	78
36)	Propionitrile	6.02	54	107	0.12 ug/l	63
37)	Methacrylonitrile	6.25	41	463	0.11 ug/l	70
38)	Propanedinitrile	6.27	66	151	0.16 ug/l #	42
39)	Bromochloromethane	6.31	130	36	N.D.	
40)	Tetrahydrofuran	6.35	42	439	0.23 ug/l #	58
41)	Chloroform	6.39	83	12914	0.91 ug/l	82
43)	1,1,1-Trichloroethane	6.64	97	3588	0.27 ug/l	69
44)	Cyclohexane	6.69	84	18548	1.48 ug/l #	48
45)	1,1-Dichloropropene	6.87	75	104	N.D.	
46)	Carbon Tetrachloride	6.86	117	304	N.D.	
49)	Benzene	7.12	78	2655	N.D.	
50)	1,2-Dichloroethane	7.14	62	845	N.D.	
51)	Tert-Amyl-Methyl Ether (TA	7.30	73	239	N.D.	
52)	Thiophene	7.36	84	57	N.D.	
53)	Trichloroethene	7.94	95	221424	25.82 ug/l	98
54)	1,2-Dichloropropane	8.22	63	1646	0.21 ug/l	88
55)	Methylcyclohexane	8.21	83	437	N.D.	
56)	Dibromomethane	8.34	93	186	N.D.	
57)	Methyl Methacrylate	8.39	69	176	N.D.	
58)	1,4-Dioxane	8.38	88	34	0.47 ug/l #	62
59)	Bromodichloromethane	8.56	83	1221	0.11 ug/l #	55
60)	2-Chloroethyl Vinyl Ether	8.96	63	62	N.D.	
61)	c-1,3-Dichloropropene	9.11	75	87	N.D.	
63)	Toluene	9.54	91	2722	N.D.	
64)	4-Methyl-2-Pentanone	9.31	58	394	0.18 ug/l #	32
66)	t-1,3-Dichloropropene	9.80	75	98	N.D.	
67)	Ethyl Methacrylate	9.94	69	66	N.D.	
68)	1,1,2-Trichloroethane	10.00	83	179	N.D.	
69)	Tetrachloroethene	10.21	166	114537	10.75 ug/l	95
70)	1,3-Dichloropropane	10.20	76	293	N.D.	
71)	2-Hexanone	10.37	58	47	N.D.	
72)	Dibromochloromethane	10.51	129	333	N.D.	
73)	1,2-Dibromoethane	10.64	107	270	N.D.	

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL017.D
Acq On : 26 Jul 2006 7:00 pm
Sample : 06-07-1072-1J 2.5ML;2X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:22:52 2006

Vial: 17
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	Chlorobenzene	11.26	112	1262	N.D.	
75)	1,1,1,2-Tetrachloroethane	11.34	131	511	N.D.	
76)	Ethylbenzene	11.39	91	741	N.D.	
77)	p/m-Xylene	11.55	91	2179	N.D.	
78)	o-Xylene	12.02	91	1658	N.D.	
79)	Styrene	12.04	104	44	N.D.	
80)	Bromoform	12.25	173	291	N.D.	
81)	Isopropylbenzene	12.48	105	660	N.D.	
83)	1,2,3-Trichloropropane	12.89	75	1299	0.13 ug/l	65
84)	Bromobenzene	12.86	156	443	N.D.	
85)	1,1,2,2-Tetrachloroethane	12.88	83	85	N.D.	
86)	n-Propylbenzene	13.01	91	1029	N.D.	
87)	t-1,4-Dichloro-2-Butene	12.91	53	49	N.D.	
88)	2-Chlorotoluene	13.09	91	377	N.D.	
89)	1,3,5-Trimethylbenzene	13.23	105	105	N.D.	
91)	4-Chlorotoluene	13.24	91	932	N.D.	
92)	1,2,4-Trimethylbenzene	13.66	105	110	N.D.	
93)	tert-Butylbenzene	13.61	119	189	N.D.	
94)	p-Isopropyltoluene	14.07	119	1402	N.D.	
95)	sec-Butylbenzene	13.89	105	964	N.D.	
96)	1,3-Dichlorobenzene	14.02	146	825	N.D.	
97)	1,4-Dichlorobenzene	14.13	146	1275	N.D.	
98)	1,2-Dichlorobenzene	14.59	146	351	N.D.	
99)	n-Butylbenzene	14.60	91	1318	N.D.	
100)	1,2-Dibromo-3-Chloropropan	15.57	75	41	N.D.	
101)	1,2,4-Trichlorobenzene	16.60	180	2108	0.15 ug/l	88
102)	Hexachloro-1,3-Butadiene	16.84	225	520	N.D.	
103)	Naphthalene	16.93	128	6768	0.26 ug/l	91
104)	1,2,3-Trichlorobenzene	17.23	180	2070	0.16 ug/l #	70

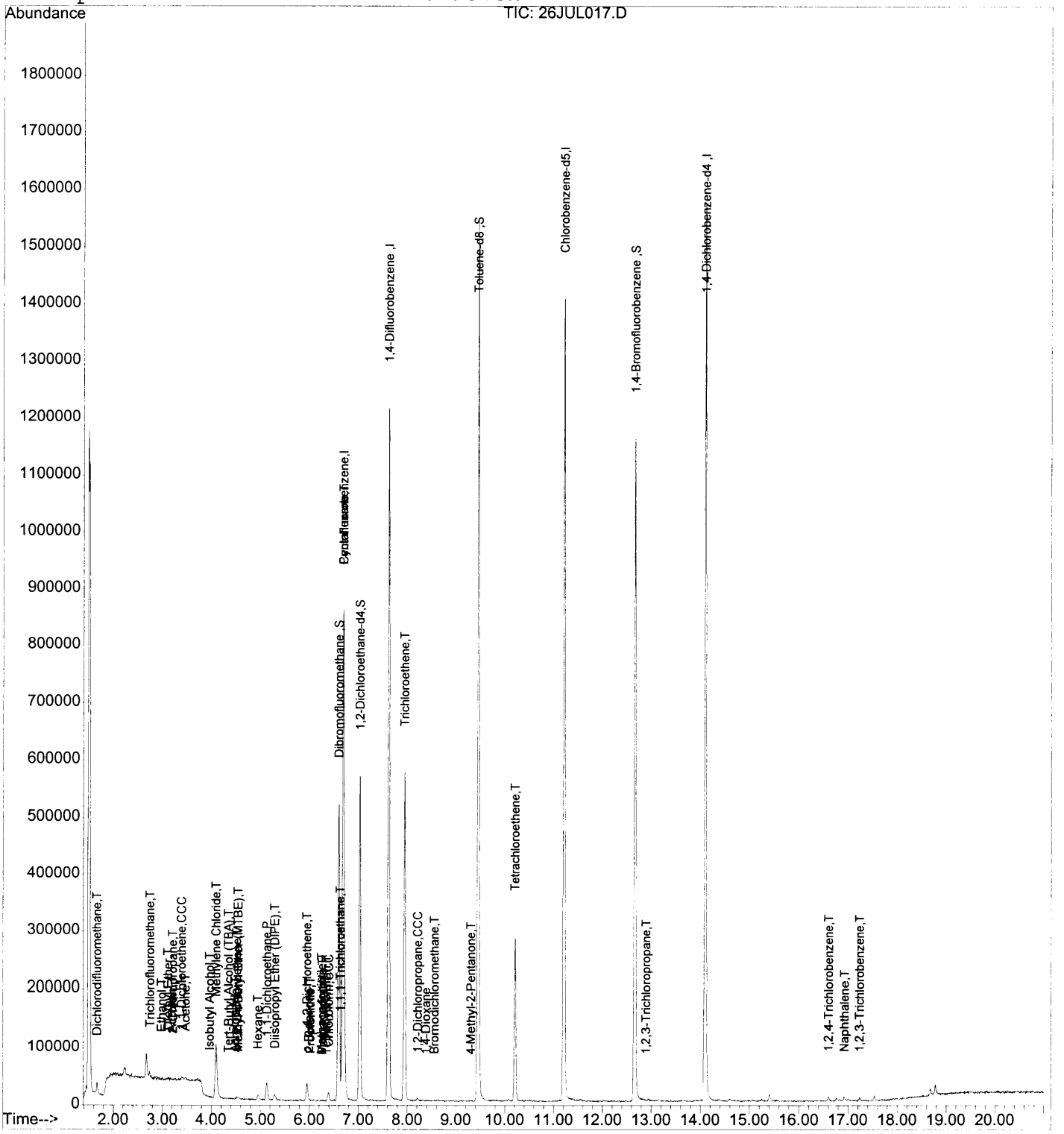
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072606\26JUL017.D
Acq On : 26 Jul 2006 7:00 pm
Sample : 06-07-1072-1J 2.5ML;2X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:22 2006

Vial: 17
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : D:\DATA\072606\26JUL018.D
Acq On : 26 Jul 2006 7:27 pm
Sample : 06-07-1072-2K 5ML;1X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:22:53 2006

Vial: 18
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	6.69	168	827019	50.00 ug/l	0.00
48) 1,4-Difluorobenzene	7.62	114	1156980	50.00 ug/l	0.00
65) Chlorobenzene-d5	11.21	117	1038950	50.00 ug/l	0.00
90) 1,4-Dichlorobenzene-d4	14.09	152	588883	50.00 ug/l	0.00
System Monitoring Compounds					
42) Dibromofluoromethane	6.60	113	370717	52.81 ug/l	0.00
Spiked Amount 50.000	Range 74 - 140		Recovery = 105.62%		
47) 1,2-Dichloroethane-d4	7.03	65	488820	54.91 ug/l	0.00
Spiked Amount 50.000	Range 74 - 146		Recovery = 109.82%		
62) Toluene-d8	9.45	98	1297349	47.56 ug/l	0.00
Spiked Amount 50.000	Range 90 - 108		Recovery = 95.12%		
82) 1,4-Bromofluorobenzene	12.66	95	466436	46.17 ug/l	0.00
Spiked Amount 50.000	Range 74 - 110		Recovery = 92.34%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.67	85	4720	0.37 ug/l	88
3) Chloromethane	0.00	50	0	N.D. d	
4) Vinyl Chloride	1.97	62	132	N.D.	
5) Bromomethane	2.31	94	374	N.D.	
6) Chloroethane	2.44	64	304	N.D.	
7) Trichlorofluoromethane	2.76	101	3233	0.20 ug/l	82
8) Ethanol	0.00	45	0	N.D. d	
9) Diethyl Ether	0.00	45	0	N.D. d	
10) 2-Chloropropane	0.00	43	0	N.D. d	
11) Acetone	3.48	58	3305	9.88 ug/l #	78
12) Iodomethane	3.57	142	142	N.D.	
13) 1,1-Dichloroethene	0.00	61	0	N.D. d	
14) 1,1,2-Trichloro-1,2,2-Trif	3.41	101	280	N.D.	
15) Tert-Butyl Alcohol (TBA)	4.34	59	456	0.89 ug/l #	54
16) Carbon Disulfide	3.69	76	1014	N.D.	
17) Acetonitrile	3.92	41	220	N.D.	
18) Acrylonitrile	4.47	53	76	N.D.	
19) Allyl Chloride	3.92	41	220	N.D.	
20) Acrolein	0.00	56	0	N.D. d	
21) Methyl Acetate	0.00	43	0	N.D. d	
22) Methylene Chloride	4.10	84	65117	6.12 ug/l	97
23) 1-Chloropropane	4.17	42	310	N.D.	
24) t-1,2-Dichloroethene	4.53	96	3122	0.42 ug/l	87
25) Isobutyl Alcohol	0.00	43	0	N.D. d	
26) Methyl-t-Butyl Ether (MTBE	4.55	73	2058	0.11 ug/l	67
27) Hexane	4.97	57	4398	0.37 ug/l	88

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

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072606\26JUL018.D
Acq On : 26 Jul 2006 7:27 pm
Sample : 06-07-1072-2K 5ML;1X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:22:53 2006

Vial: 18
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28)	1,1-Dichloroethane	5.14	63	59229	4.34 ug/l	94
29)	Vinyl Acetate	0.00	86	0	N.D.	
30)	Diisopropyl Ether (DIPE)	5.29	45	689	N.D.	
31)	Chloroprene	5.29	53	52	N.D.	
32)	Ethyl-t-Butyl Ether (ETBE)	0.00	59	0	N.D.	
33)	c-1,2-Dichloroethene	5.96	96	21772	2.87 ug/l	84
34)	2,2-Dichloropropane	5.88	77	79	N.D.	
35)	2-Butanone	0.00	43	0	N.D. d	
36)	Propionitrile	0.00	54	0	N.D.	
37)	Methacrylonitrile	6.24	41	105	N.D.	
38)	Propanedinitrile	6.22	66	75	N.D.	
39)	Bromochloromethane	6.31	130	40	N.D.	
40)	Tetrahydrofuran	6.33	42	116	N.D.	
41)	Chloroform	6.40	83	20170	1.47 ug/l	99
43)	1,1,1-Trichloroethane	6.63	97	4373	0.34 ug/l	94
44)	Cyclohexane	6.69	84	16988	1.41 ug/l #	48
45)	1,1-Dichloropropene	6.86	75	162	N.D.	
46)	Carbon Tetrachloride	6.92	117	64	N.D.	
49)	Benzene	7.13	78	510	N.D.	
50)	1,2-Dichloroethane	7.12	62	427	N.D.	
51)	Tert-Amyl-Methyl Ether (TA	7.30	73	80	N.D.	
52)	Thiophene	7.39	84	38	N.D.	
53)	Trichloroethene	7.94	95	329793	39.73 ug/l	98
54)	1,2-Dichloropropane	8.20	63	2396	0.32 ug/l	57
55)	Methylcyclohexane	8.21	83	104	N.D.	
56)	Dibromomethane	8.35	93	42	N.D.	
57)	Methyl Methacrylate	8.39	69	138	N.D.	
58)	1,4-Dioxane	0.00	88	0	N.D. d	
59)	Bromodichloromethane	8.56	83	1112	0.10 ug/l	64
60)	2-Chloroethyl Vinyl Ether	0.00	63	0	N.D. d	
61)	c-1,3-Dichloropropene	9.08	75	35	N.D.	
63)	Toluene	9.53	91	2369	N.D.	
64)	4-Methyl-2-Pentanone	9.30	58	57	N.D.	
66)	t-1,3-Dichloropropene	9.77	75	39	N.D.	
67)	Ethyl Methacrylate	9.91	69	33	N.D.	
68)	1,1,2-Trichloroethane	10.02	83	107	N.D.	
69)	Tetrachloroethene	10.21	166	152589	14.65 ug/l	97
70)	1,3-Dichloropropane	10.25	76	42	N.D.	
71)	2-Hexanone	10.34	58	42	N.D.	
72)	Dibromochloromethane	10.42	129	36	N.D.	
73)	1,2-Dibromoethane	10.61	107	107	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072606\26JUL018.D
Acq On : 26 Jul 2006 7:27 pm
Sample : 06-07-1072-2K 5ML;1X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:22:53 2006

Vial: 18
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Quant Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 16:02:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	Chlorobenzene	11.25	112	835	N.D.	
75)	1,1,1,2-Tetrachloroethane	11.35	131	78	N.D.	
76)	Ethylbenzene	11.40	91	1092	N.D.	
77)	p/m-Xylene	11.55	91	1306	N.D.	
78)	o-Xylene	12.04	91	797	N.D.	
79)	Styrene	11.96	104	35	N.D.	
80)	Bromoform	12.26	173	49	N.D.	
81)	Isopropylbenzene	12.49	105	131	N.D.	
83)	1,2,3-Trichloropropane	12.89	75	265	N.D.	
84)	Bromobenzene	12.85	156	82	N.D.	
85)	1,1,2,2-Tetrachloroethane	12.83	83	41	N.D.	
86)	n-Propylbenzene	12.98	91	103	N.D.	
87)	t-1,4-Dichloro-2-Butene	12.88	53	75	N.D.	
88)	2-Chlorotoluene	13.07	91	37	N.D.	
89)	1,3,5-Trimethylbenzene	13.20	105	78	N.D.	
91)	4-Chlorotoluene	13.26	91	56	N.D.	
92)	1,2,4-Trimethylbenzene	13.66	105	75	N.D.	
93)	tert-Butylbenzene	0.00	119	0	N.D.	
94)	p-Isopropyltoluene	14.04	119	127	N.D.	
95)	sec-Butylbenzene	13.87	105	102	N.D.	
96)	1,3-Dichlorobenzene	14.03	146	121	N.D.	
97)	1,4-Dichlorobenzene	14.12	146	428	N.D.	
98)	1,2-Dichlorobenzene	14.60	146	225	N.D.	
99)	n-Butylbenzene	14.59	91	323	N.D.	
100)	1,2-Dibromo-3-Chloropropan	0.00	75	0	N.D.	
101)	1,2,4-Trichlorobenzene	16.59	180	38	N.D.	
102)	Hexachloro-1,3-Butadiene	0.00	225	0	N.D.	
103)	Naphthalene	16.93	128	1264	N.D.	
104)	1,2,3-Trichlorobenzene	17.23	180	160	N.D.	

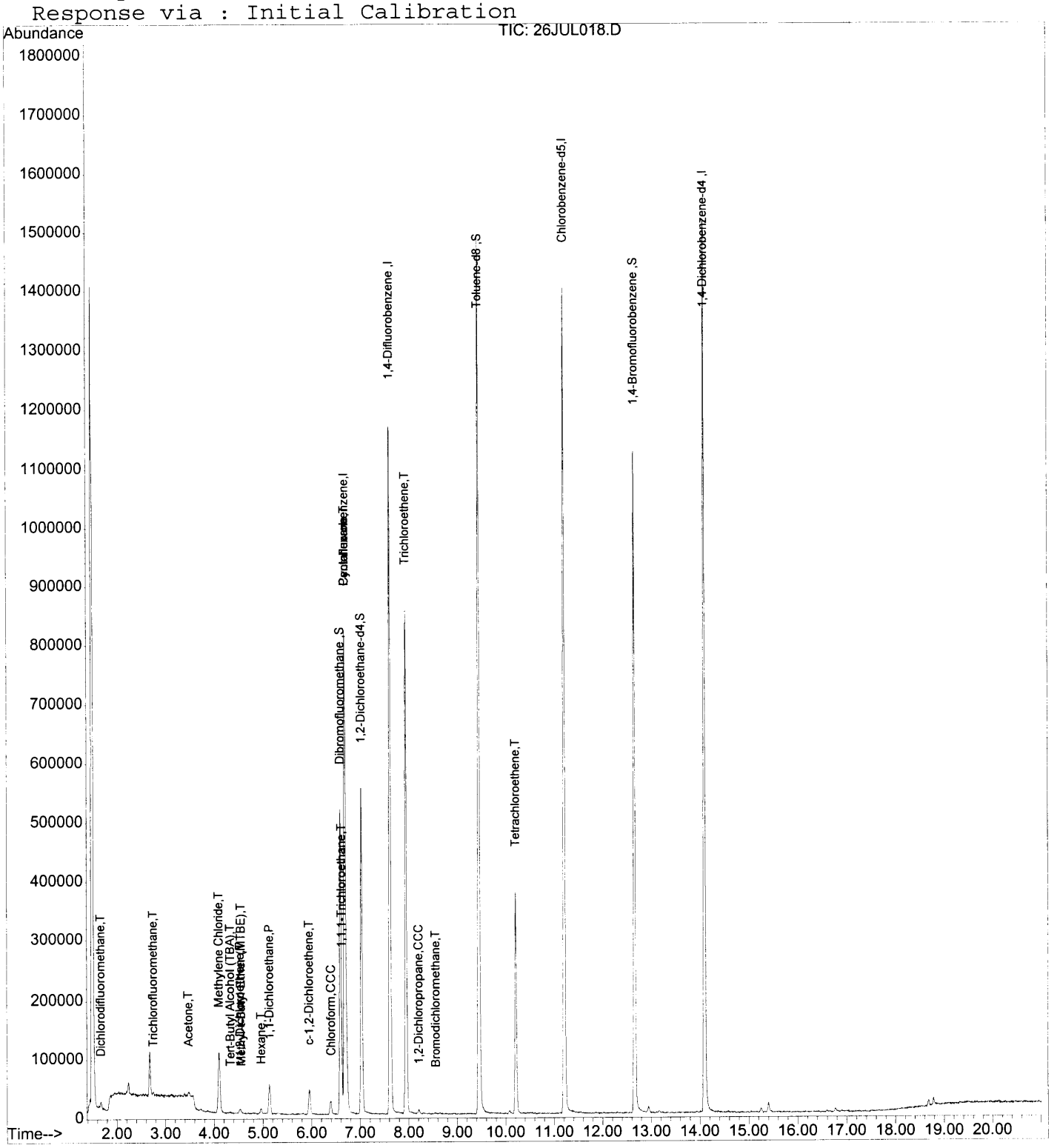
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072606\26JUL018.D
Acq On : 26 Jul 2006 7:27 pm
Sample : 06-07-1072-2K 5ML;1X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:53 2006

Vial: 18
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 072606.RES

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072506\25JUL025.D
Acq On : 25 Jul 2006 10:32 pm
Sample : 06-07-1072-2M 5ML;1X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 10:43:01 2006

Vial: 25
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 070706.RES

Quant Method : C:\MSDCHEM\1\METHODS\070706.M (RTE Integrator)
Title : EPA 8260B
Last Update : Tue Jul 25 10:17:08 2006
Response via : Initial Calibration
DataAcq Meth : 8260

P\+ b/c carryover

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	6.69	168	577811	50.00 ug/l	0.00
48) 1,4-Difluorobenzene	7.62	114	811416	50.00 ug/l	0.00
65) Chlorobenzene-d5	11.21	117	737666	50.00 ug/l	0.00
90) 1,4-Dichlorobenzene-d4	14.09	152	410147	50.00 ug/l	0.00
System Monitoring Compounds					
42) Dibromofluoromethane	6.60	113	260745	59.95 ug/l	0.00
Spiked Amount 50.000	Range 74 - 140		Recovery = 119.90%		
47) 1,2-Dichloroethane-d4	7.03	65	332116	68.28 ug/l	0.00
Spiked Amount 50.000	Range 74 - 146		Recovery = 136.56%		
62) Toluene-d8	9.45	98	908550	49.60 ug/l	0.00
Spiked Amount 50.000	Range 90 - 108		Recovery = 99.20%		
82) 1,4-Bromofluorobenzene	12.66	95	325130	49.18 ug/l	0.00
Spiked Amount 50.000	Range 74 - 110		Recovery = 98.36%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.67	85	3117	0.59 ug/l	96
3) Chloromethane	1.86	50	1514	0.21 ug/l	65
4) Vinyl Chloride	2.02	62	77	N.D.	
5) Bromomethane	2.32	94	622	0.17 ug/l #	56
6) Chloroethane	2.46	64	191	N.D.	
7) Trichlorofluoromethane	2.74	101	2438	0.33 ug/l	88
8) Ethanol	3.00	45	2070	34.12 ug/l #	1
9) Diethyl Ether	3.13	45	301	0.11 ug/l #	1
10) 2-Chloropropane	3.19	43	1027	0.14 ug/l	85
11) Acetone	3.48	58	2798	9.34 ug/l #	77
12) Iodomethane	3.59	142	51	N.D.	
13) 1,1-Dichloroethene	3.40	61	413	N.D.	
14) 1,1,2-Trichloro-1,2,2-Trif	3.41	101	152	N.D.	
15) Tert-Butyl Alcohol (TBA)	4.32	59	1387	3.02 ug/l #	71
16) Carbon Disulfide	3.69	76	1654	0.11 ug/l	75
17) Acetonitrile	3.93	41	109	N.D.	
18) Acrylonitrile	4.61	53	32	N.D.	
19) Allyl Chloride	3.91	41	255	N.D.	
20) Acrolein	3.37	56	320	0.14 ug/l	67
21) Methyl Acetate	3.97	43	653	0.20 ug/l #	57
22) Methylene Chloride	4.10	84	34513	5.96 ug/l	90
23) 1-Chloropropane	4.15	42	122	N.D.	
24) t-1,2-Dichloroethene	4.54	96	1866	0.35 ug/l	70
25) Isobutyl Alcohol	3.94	43	328	N.D.	
26) Methyl-t-Butyl Ether (MTBE	4.56	73	1066	N.D.	
27) Hexane	4.97	57	3020	0.34 ug/l	80

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072506\25JUL025.D
Acq On : 25 Jul 2006 10:32 pm
Sample : 06-07-1072-2M 5ML;1X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 10:43:01 2006

Vial: 25
Operator: MJR
Inst : GCMS T
Multiplr: 1.00

Quant Results File: 070706.RES

Quant Method : C:\MSDCHEM\1\METHODS\070706.M (RTE Integrator)
Title : EPA 8260B
Last Update : Tue Jul 25 10:17:08 2006
Response via : Initial Calibration
DataAcq Meth : 8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) 1,1-Dichloroethane	5.14	63	39551	4.38 ug/l	98
29) Vinyl Acetate	0.00	86	0	N.D.	
30) Diisopropyl Ether (DIPE)	5.30	45	37112	2.29 ug/l	94
31) Chloroprene	5.26	53	41	N.D.	
32) Ethyl-t-Butyl Ether (ETBE)	5.74	59	32	N.D.	
33) c-1,2-Dichloroethene	5.96	96	14100	2.63 ug/l	92
34) 2,2-Dichloropropane	5.97	77	63	N.D.	
35) 2-Butanone	5.99	43	6330	3.96 ug/l	94
36) Propionitrile	0.00	54	0	N.D.	
37) Methacrylonitrile	6.26	41	179	N.D.	
38) Propanedinitrile	6.24	66	32	N.D.	
39) Bromochloromethane	0.00	130	0	N.D.	
40) Tetrahydrofuran	6.36	42	72	N.D.	
41) Chloroform	6.40	83	13778	1.64 ug/l	81
43) 1,1,1-Trichloroethane	6.63	97	3179	0.40 ug/l	87
44) Cyclohexane	6.69	84	12536	1.42 ug/l #	49
45) 1,1-Dichloropropene	6.88	75	83	N.D.	
46) Carbon Tetrachloride	6.86	117	137	N.D.	
49) Benzene	7.11	78	1031	N.D.	
50) 1,2-Dichloroethane	7.12	62	561	N.D.	
51) Tert-Amyl-Methyl Ether (TA	7.30	73	61	N.D.	
52) Thiophene	0.00	84	0	N.D.	
53) Trichloroethene	7.94	95	210502	38.38 ug/l	97
54) 1,2-Dichloropropane	8.22	63	1375	0.26 ug/l	40
55) Methylcyclohexane	8.18	83	33	N.D.	
56) Dibromomethane	8.35	93	40	N.D.	
57) Methyl Methacrylate	8.36	69	36	N.D.	
58) 1,4-Dioxane	0.00	88	0	N.D.	
59) Bromodichloromethane	8.57	83	572	N.D.	
60) 2-Chloroethyl Vinyl Ether	8.99	63	33	N.D.	
61) c-1,3-Dichloropropene	0.00	75	0	N.D.	
63) Toluene	9.53	91	1965	N.D.	
64) 4-Methyl-2-Pentanone	9.31	58	186	0.11 ug/l #	32
66) t-1,3-Dichloropropene	9.84	75	43	N.D.	
67) Ethyl Methacrylate	0.00	69	0	N.D.	
68) 1,1,2-Trichloroethane	0.00	83	0	N.D.	
69) Tetrachloroethene	10.21	166	97550	14.24 ug/l	97
70) 1,3-Dichloropropane	0.00	76	0	N.D.	
71) 2-Hexanone	10.32	58	45	N.D.	
72) Dibromochloromethane	0.00	129	0	N.D.	
73) 1,2-Dibromoethane	0.00	107	0	N.D.	

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

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072506\25JUL025.D
Acq On : 25 Jul 2006 10:32 pm
Sample : 06-07-1072-2M 5ML;1X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 10:43:01 2006

Vial: 25
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 070706.RES

Quant Method : C:\MSDCHEM\1\METHODS\070706.M (RTE Integrator)
Title : EPA 8260B
Last Update : Tue Jul 25 10:17:08 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	Chlorobenzene	11.25	112	80	N.D.	
75)	1,1,1,2-Tetrachloroethane	11.34	131	36	N.D.	
76)	Ethylbenzene	11.40	91	1269	N.D.	
77)	p/m-Xylene	11.55	91	1199	N.D.	
78)	o-Xylene	12.04	91	476	N.D.	
79)	Styrene	12.00	104	36	N.D.	
80)	Bromoform	0.00	173	0	N.D.	
81)	Isopropylbenzene	12.49	105	41	N.D.	
83)	1,2,3-Trichloropropane	12.89	75	100	N.D.	
84)	Bromobenzene	0.00	156	0	N.D.	
85)	1,1,2,2-Tetrachloroethane	12.83	83	51	N.D.	
86)	n-Propylbenzene	12.98	91	54	N.D.	
87)	t-1,4-Dichloro-2-Butene	12.81	53	41	N.D.	
88)	2-Chlorotoluene	13.06	91	46	N.D.	
89)	1,3,5-Trimethylbenzene	13.23	105	41	N.D.	
91)	4-Chlorotoluene	13.18	91	49	N.D.	
92)	1,2,4-Trimethylbenzene	13.68	105	87	N.D.	
93)	tert-Butylbenzene	0.00	119	0	N.D.	
94)	p-Isopropyltoluene	14.15	119	35	N.D.	
95)	sec-Butylbenzene	0.00	105	0	N.D.	
96)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
97)	1,4-Dichlorobenzene	14.13	146	212	N.D.	
98)	1,2-Dichlorobenzene	14.59	146	34	N.D.	
99)	n-Butylbenzene	14.58	91	241	N.D.	
100)	1,2-Dibromo-3-Chloropropan	0.00	75	0	N.D.	
101)	1,2,4-Trichlorobenzene	16.59	180	41	N.D.	
102)	Hexachloro-1,3-Butadiene	0.00	225	0	N.D.	
103)	Naphthalene	16.93	128	35	N.D.	
104)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

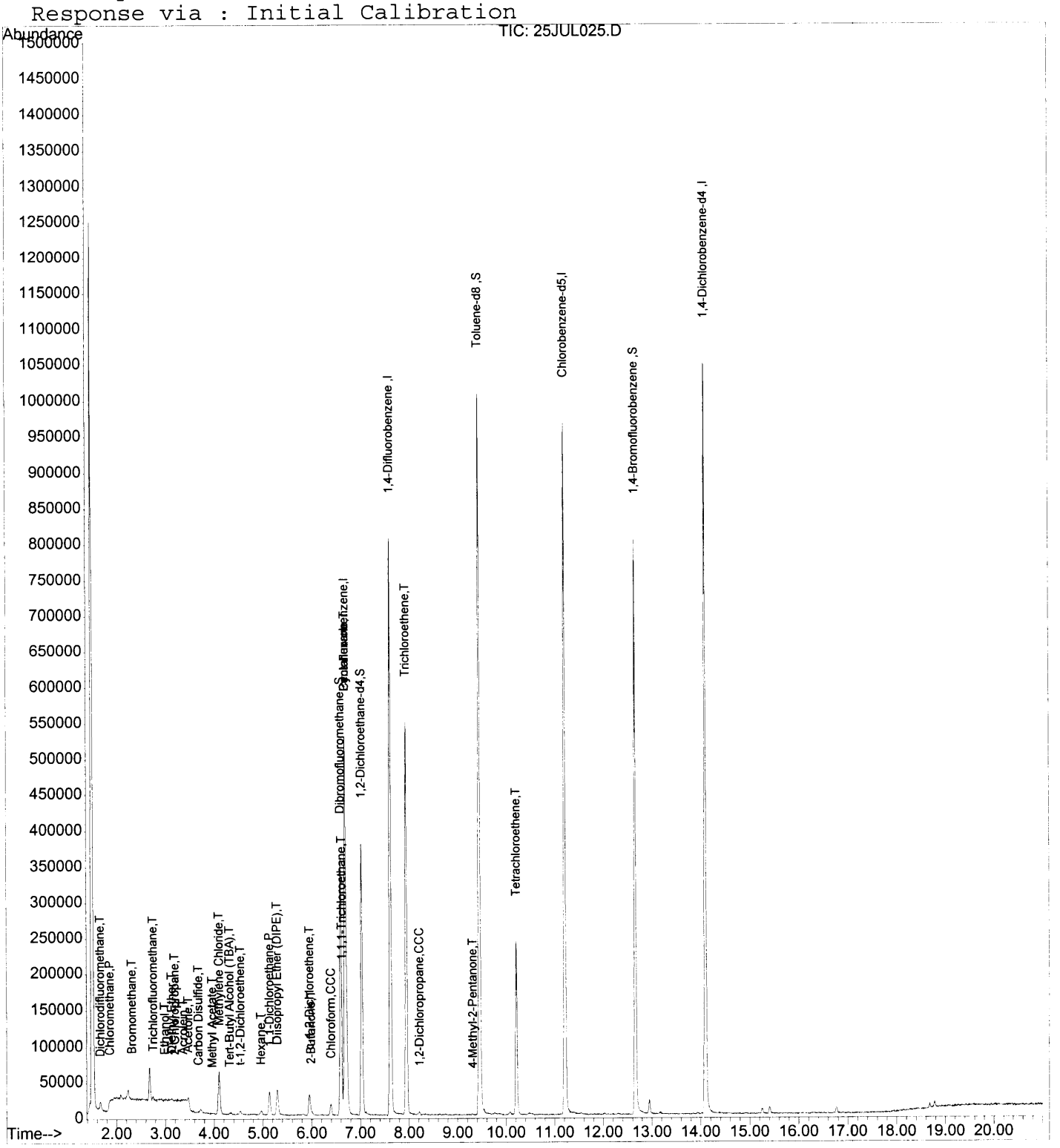
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072506\25JUL025.D
Acq On : 25 Jul 2006 10:32 pm
Sample : 06-07-1072-2M 5ML;1X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 26 10:43 2006

Vial: 25
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: 070706.RES

Method : C:\MSDCHEM\1\METHODS\070706.M (RTE Integrator)
Title : EPA 8260B
Last Update : Wed Jul 26 10:43:15 2006
Response via : Initial Calibration

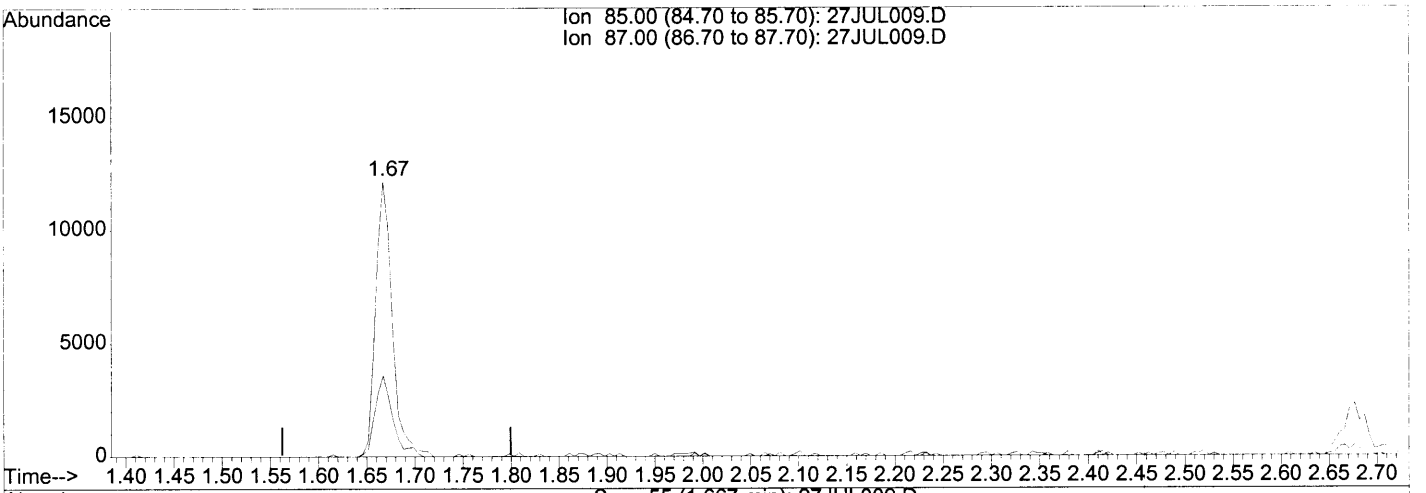


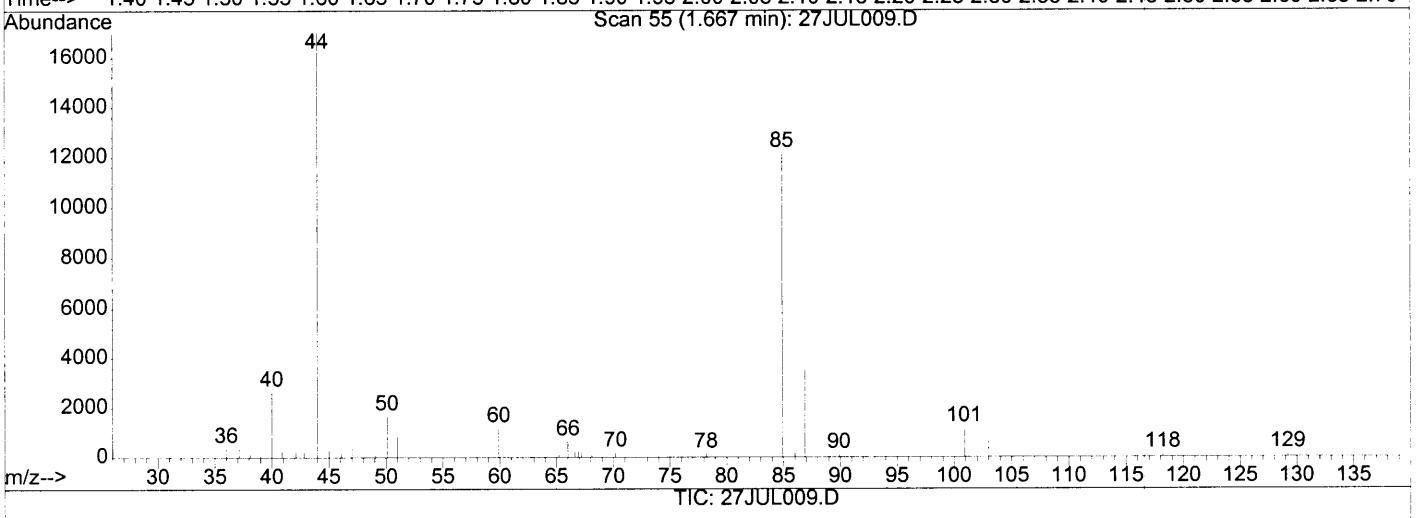
Quantitation Report (Qedit)

Data File : D:\DATA\072706\27JUL009.D
Acq On : 27 Jul 2006 3:13 pm
Sample : 06-07-1072-1J 5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:01 2006

Vial: 9
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Multiple Level Calibration





(2) Dichlorodifluoromethane (T)

1.67min 1.36ug/l

response 14609

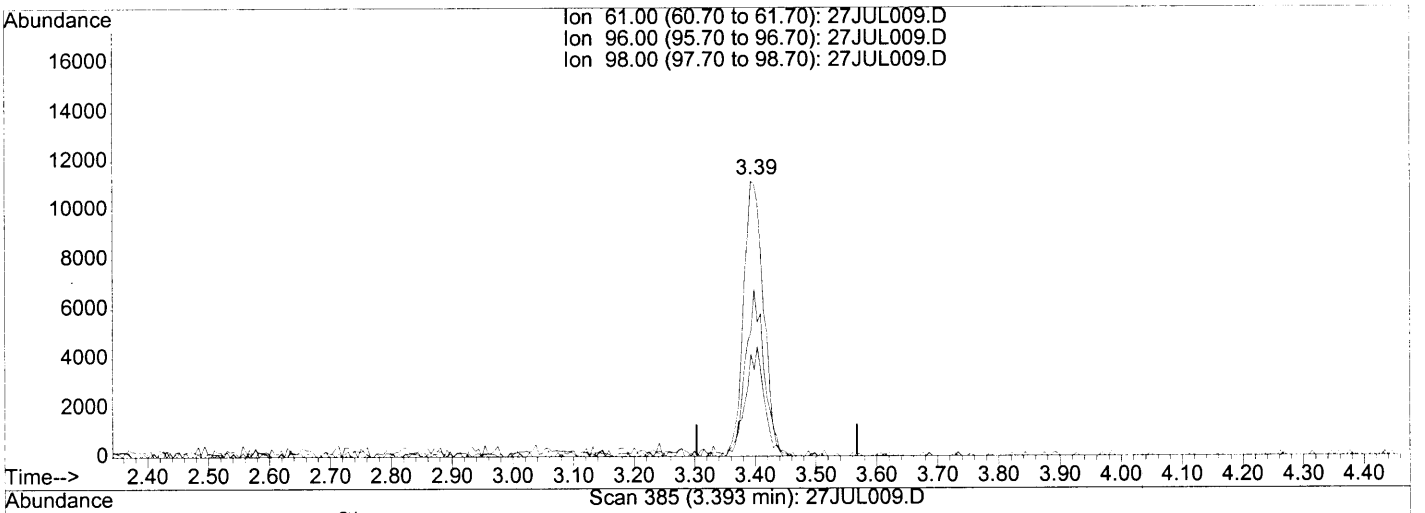
Ion	Exp%	Act%
85.00	100	100
87.00	31.50	29.27
0.00	0.00	0.00
0.00	0.00	0.00

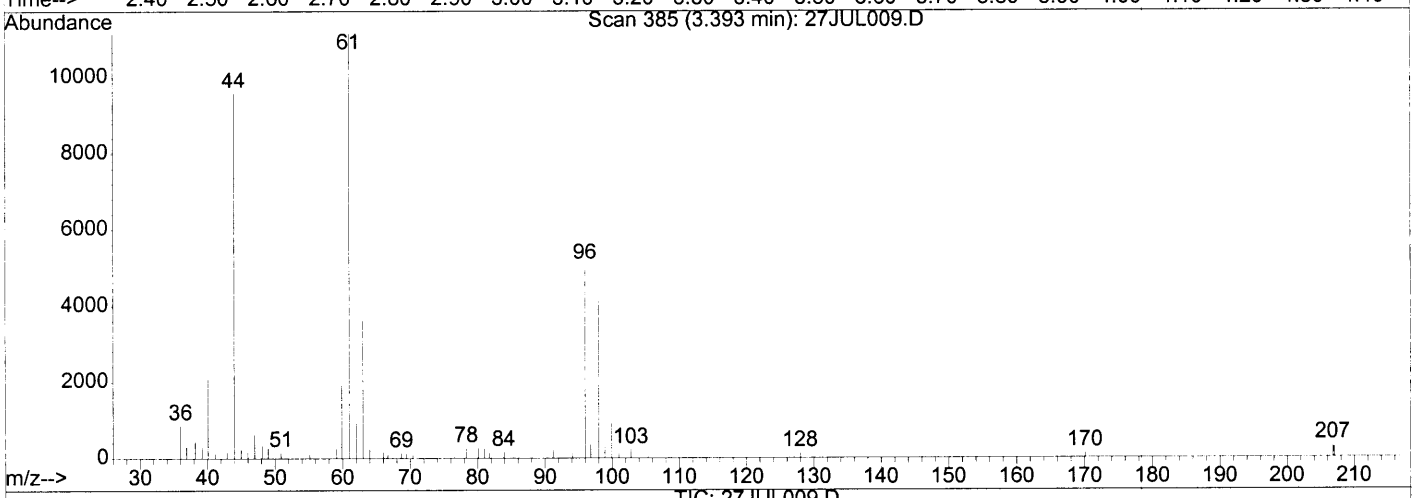
Quantitation Report (Qedit)

Data File : D:\DATA\072706\27JUL009.D
Acq On : 27 Jul 2006 3:13 pm
Sample : 06-07-1072-1J 5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:01 2006

Vial: 9
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Multiple Level Calibration





TIC: 27JUL009.D

(13) 1,1-Dichloroethene (CCC)

3.39min 2.67ug/l

response 25675

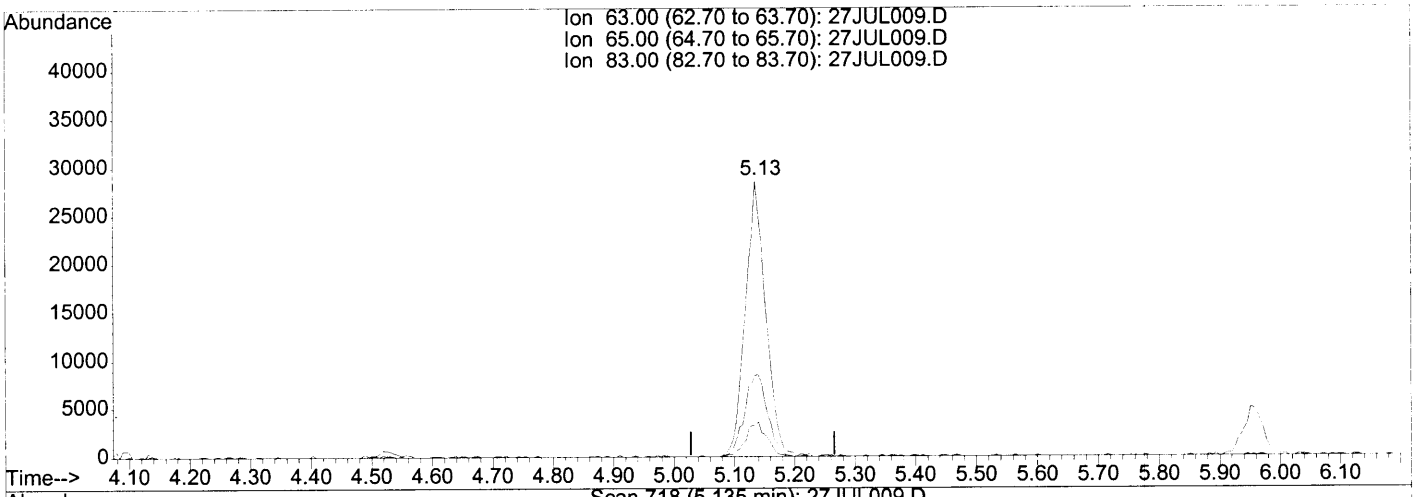
Ion	Exp%	Act%
61.00	100	100
96.00	60.60	45.26
98.00	37.70	37.18
0.00	0.00	0.00

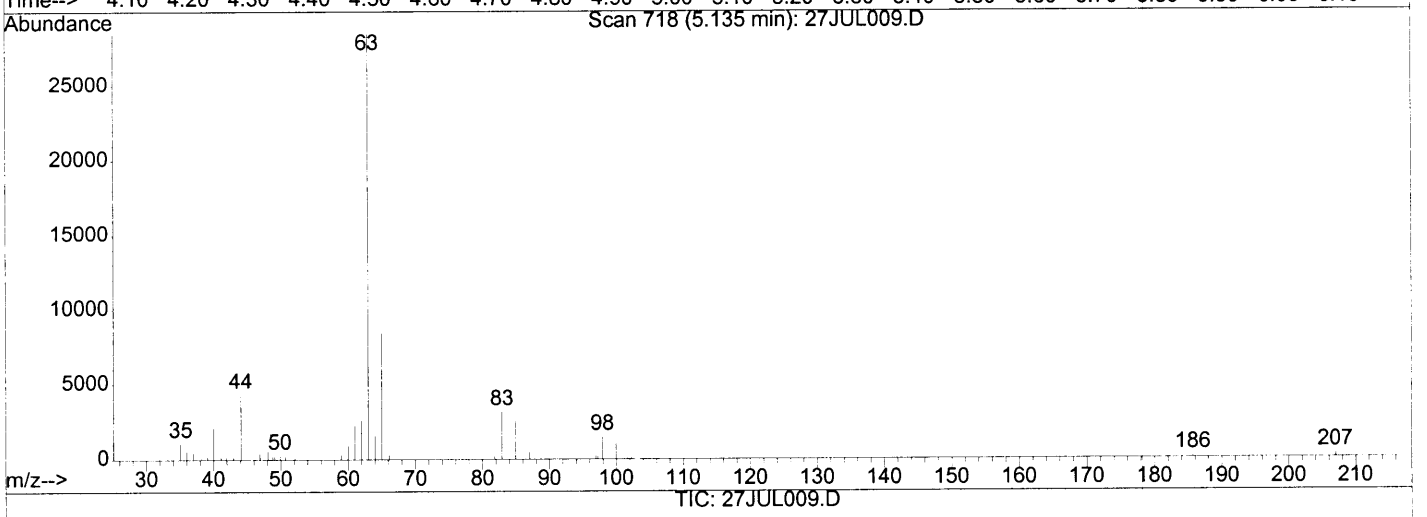
Quantitation Report (Qedit)

Data File : D:\DATA\072706\27JUL009.D
Acq On : 27 Jul 2006 3:13 pm
Sample : 06-07-1072-1J 5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:01 2006

Vial: 9
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Multiple Level Calibration





TIC: 27JUL009.D

(28) 1,1-Dichloroethane (P)

5.13min 5.81ug/l

response 66374

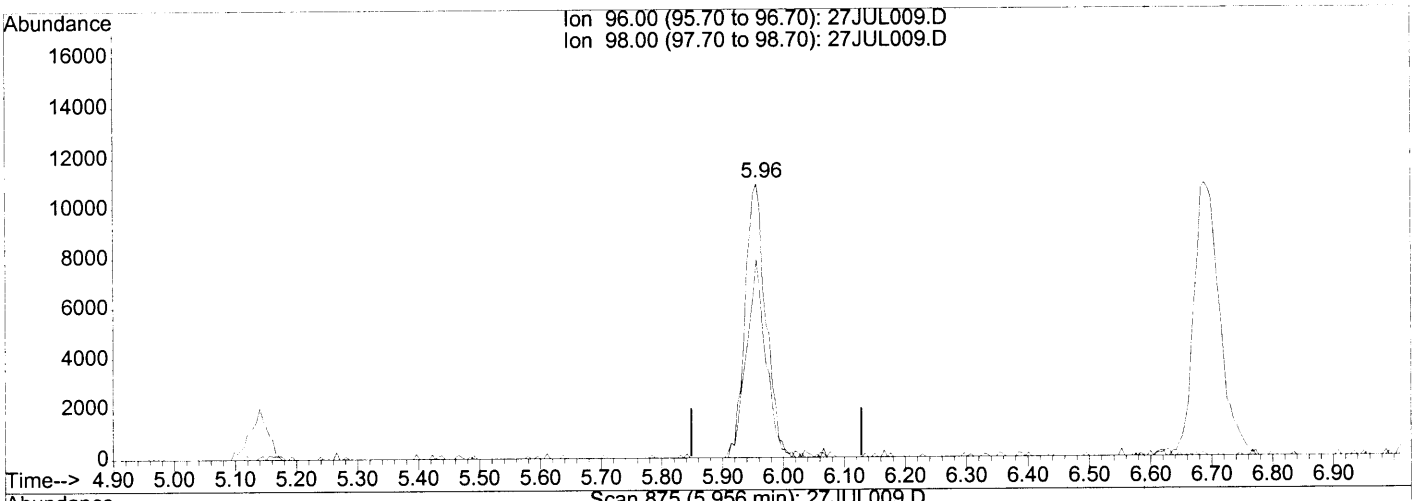
Ion	Exp%	Act%
63.00	100	100
65.00	30.70	29.73
83.00	13.00	11.07
0.00	0.00	0.00

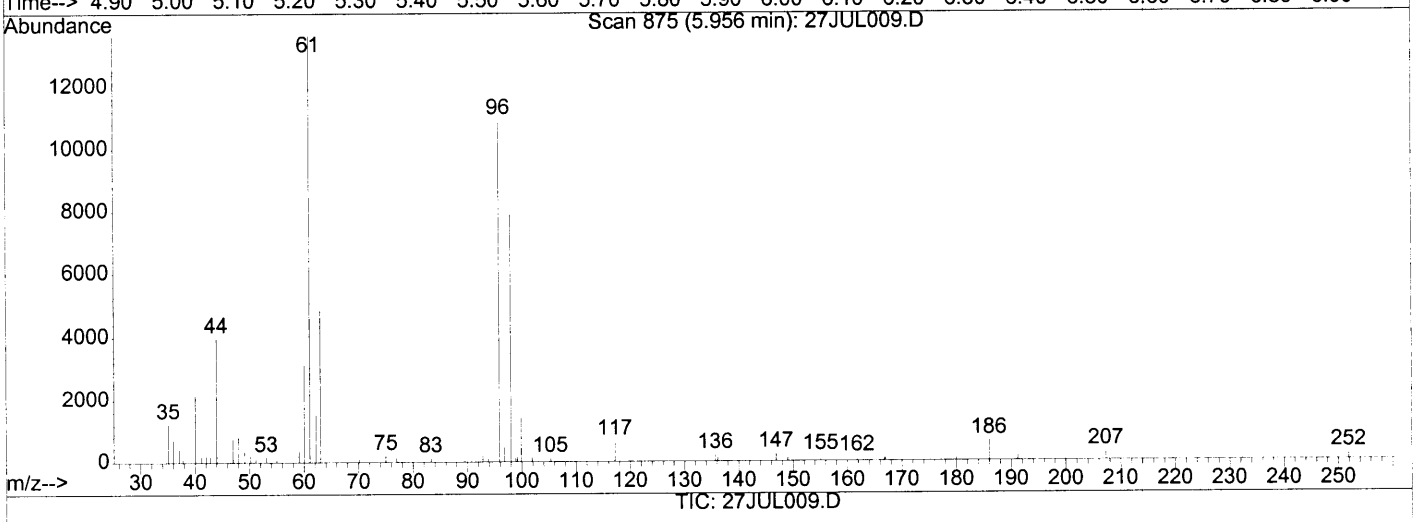
Quantitation Report (Qedit)

Data File : D:\DATA\072706\27JUL009.D
Acq On : 27 Jul 2006 3:13 pm
Sample : 06-07-1072-1J 5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:01 2006

Vial: 9
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Multiple Level Calibration





TIC: 27JUL009.D

(33) c-1,2-Dichloroethene (T)

5.96min 4.07ug/l

response 25826

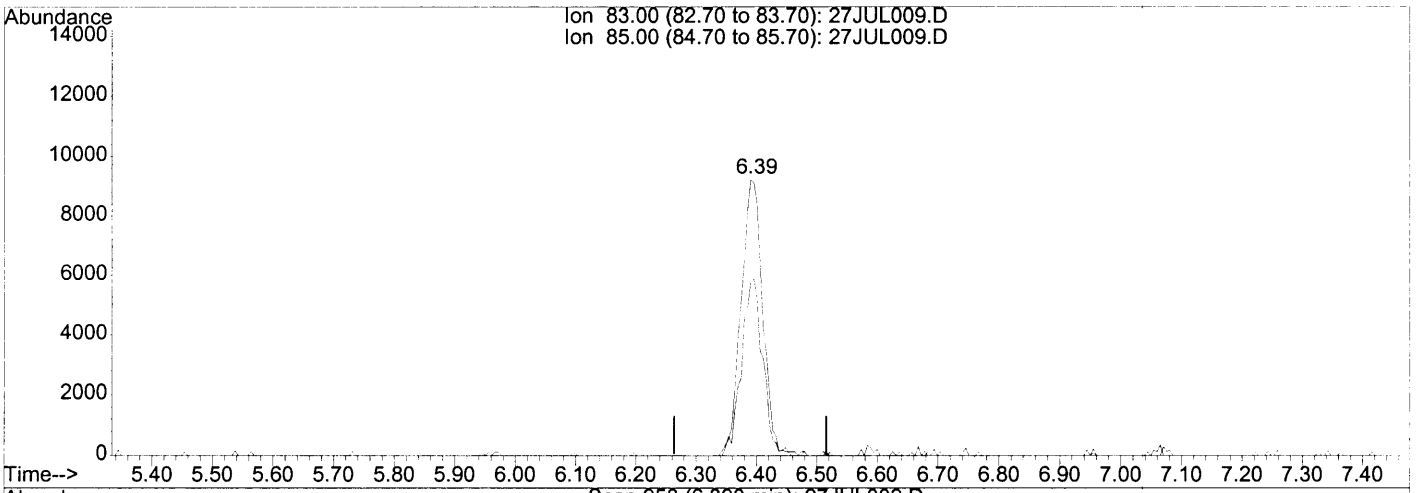
Ion	Exp%	Act%
96.00	100	100
98.00	63.60	72.27
0.00	0.00	0.00
0.00	0.00	0.00

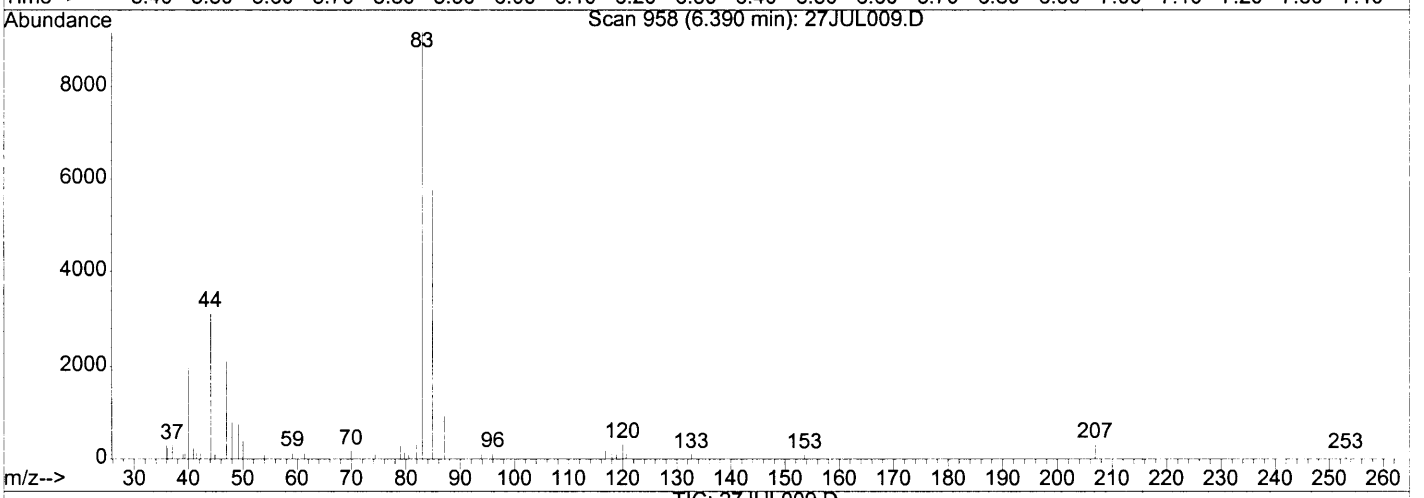
Quantitation Report (Qedit)

Data File : D:\DATA\072706\27JUL009.D
Acq On : 27 Jul 2006 3:13 pm
Sample : 06-07-1072-1J 5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:01 2006

Vial: 9
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Multiple Level Calibration





TIC: 27JUL009.D

(41) Chloroform (CCC)

6.39min 1.98ug/l

response 22826

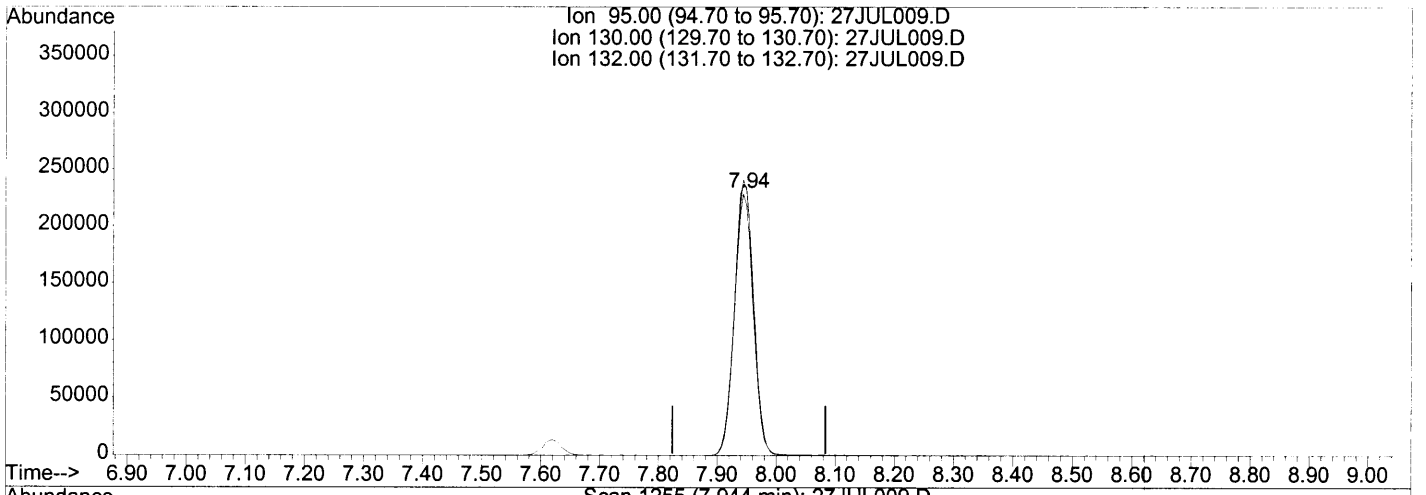
Ion	Exp%	Act%
83.00	100	100
85.00	65.20	62.80
0.00	0.00	0.00
0.00	0.00	0.00

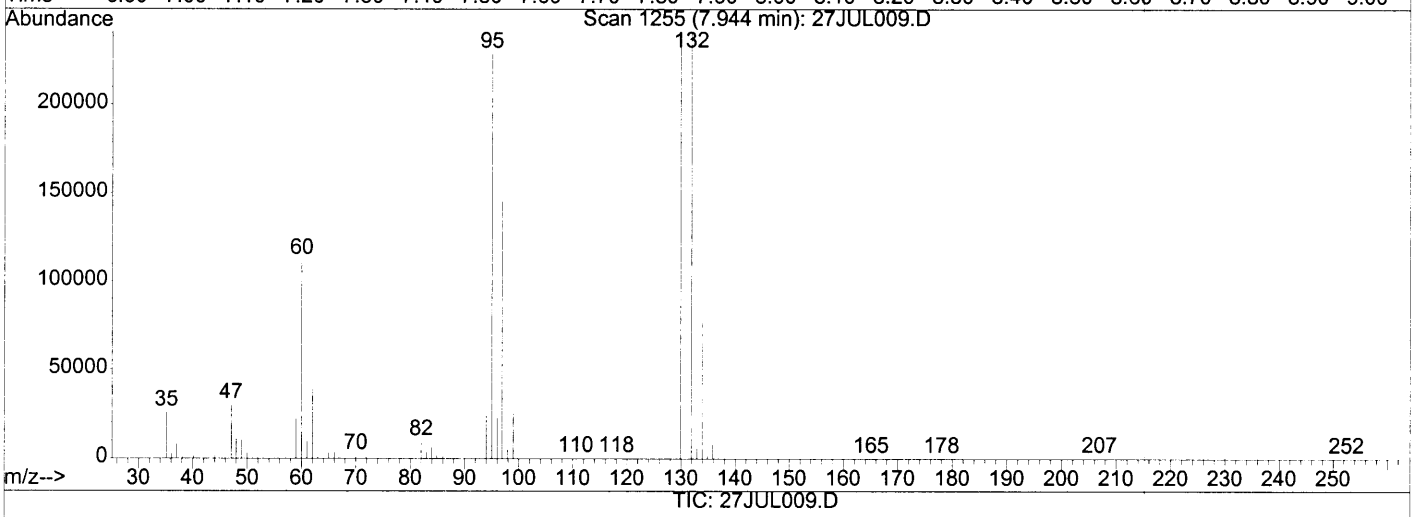
Quantitation Report (Qedit)

Data File : D:\DATA\072706\27JUL009.D
Acq On : 27 Jul 2006 3:13 pm
Sample : 06-07-1072-1J 5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:01 2006

Vial: 9
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Multiple Level Calibration





TIC: 27JUL009.D

(53) Trichloroethene (T)

7.94min 74.19ug/l

response 510334

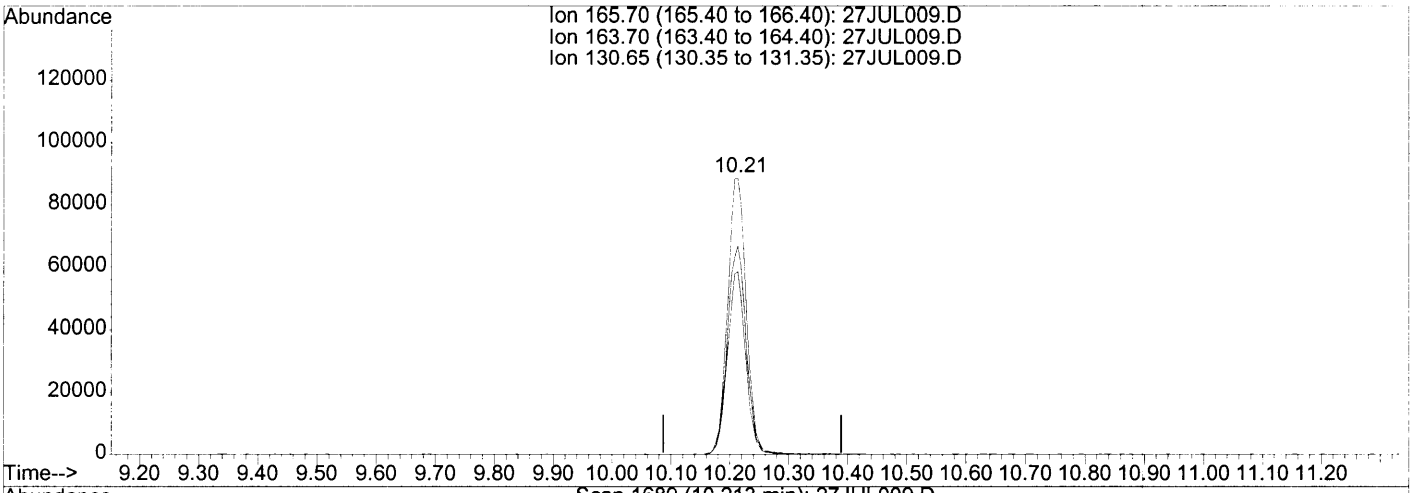
Ion	Exp%	Act%
95.00	100	100
130.00	106.30	103.84
132.00	104.10	105.49
0.00	0.00	0.00

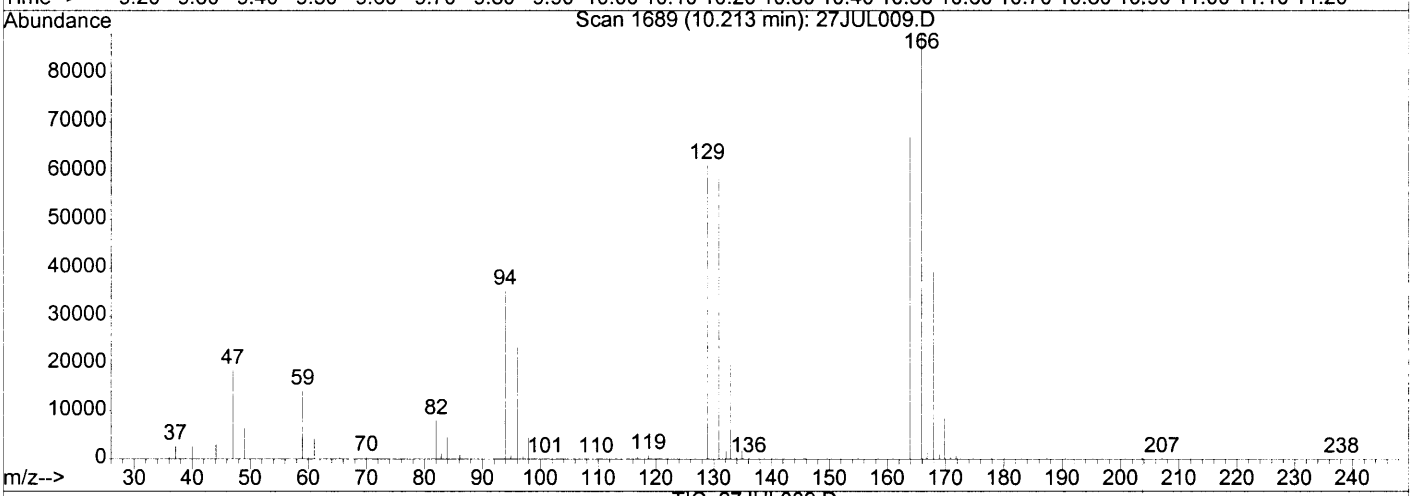
Quantitation Report (Qedit)

Data File : D:\DATA\072706\27JUL009.D
Acq On : 27 Jul 2006 3:13 pm
Sample : 06-07-1072-1J 5ML;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 16:01 2006

Vial: 9
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Multiple Level Calibration





TIC: 27JUL009.D

(69) Tetrachloroethene (T)

10.21min 22.51ug/l

response 195922

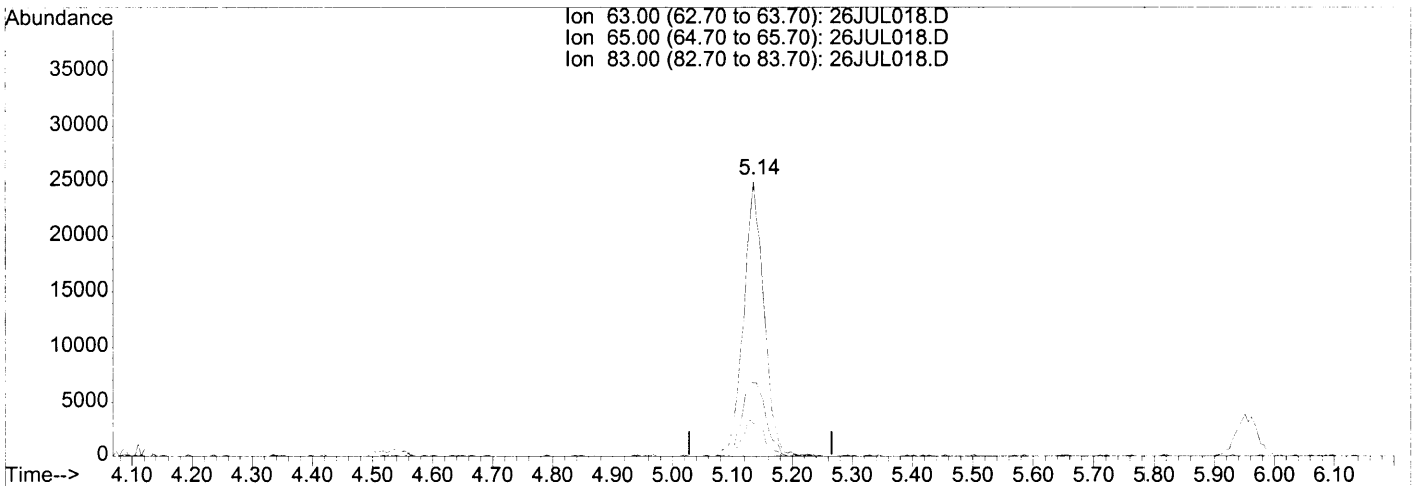
Ion	Exp%	Act%
165.70	100	100
163.70	80.90	75.77
130.65	64.10	66.30
0.00	0.00	0.00

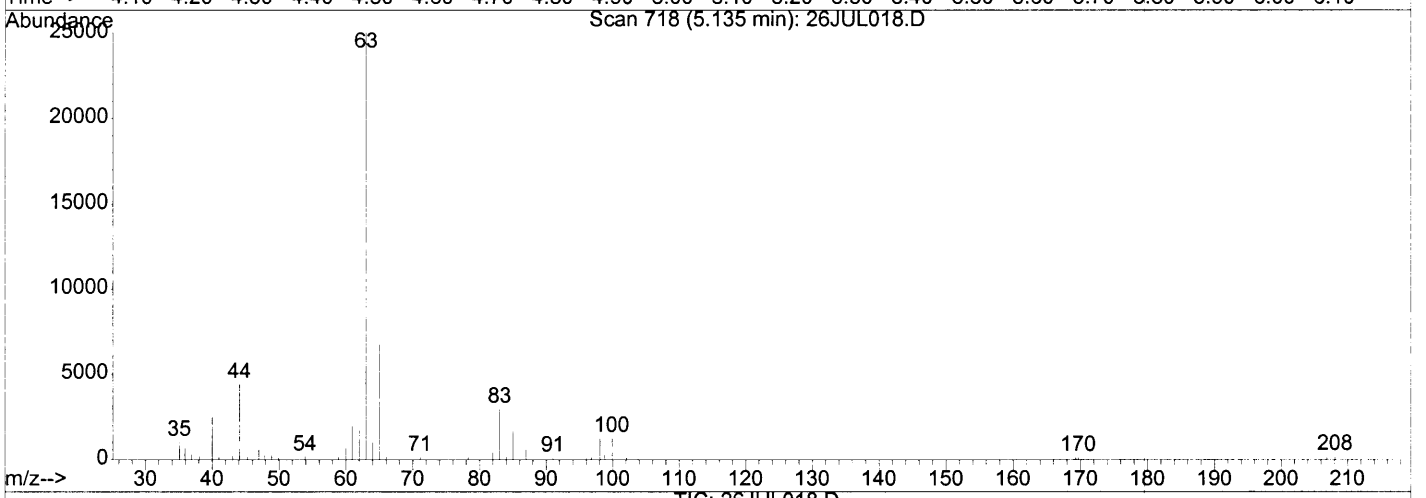
Quantitation Report (Qedit)

Data File : D:\DATA\072606\26JUL018.D
Acq On : 26 Jul 2006 7:27 pm
Sample : 06-07-1072-2K 5ML;1X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:53 2006

Vial: 18
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Multiple Level Calibration





TIC: 26JUL018.D

(28) 1,1-Dichloroethane (P)

5.14min 4.34ug/l

response 59229

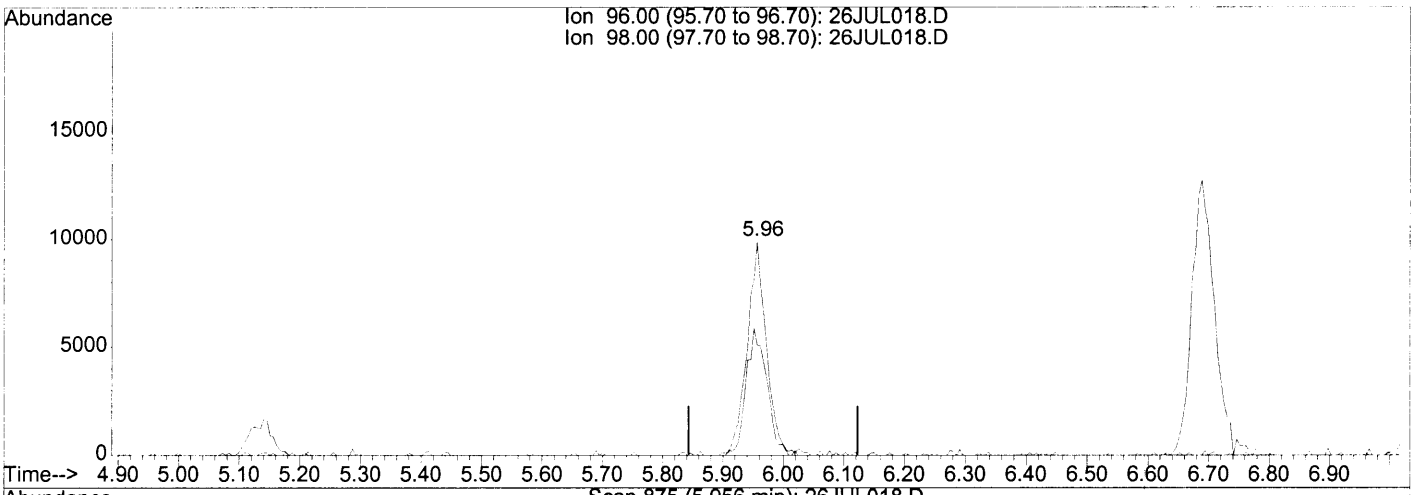
Ion	Exp%	Act%
63.00	100	100
65.00	30.70	26.97
83.00	13.00	11.82
0.00	0.00	0.00

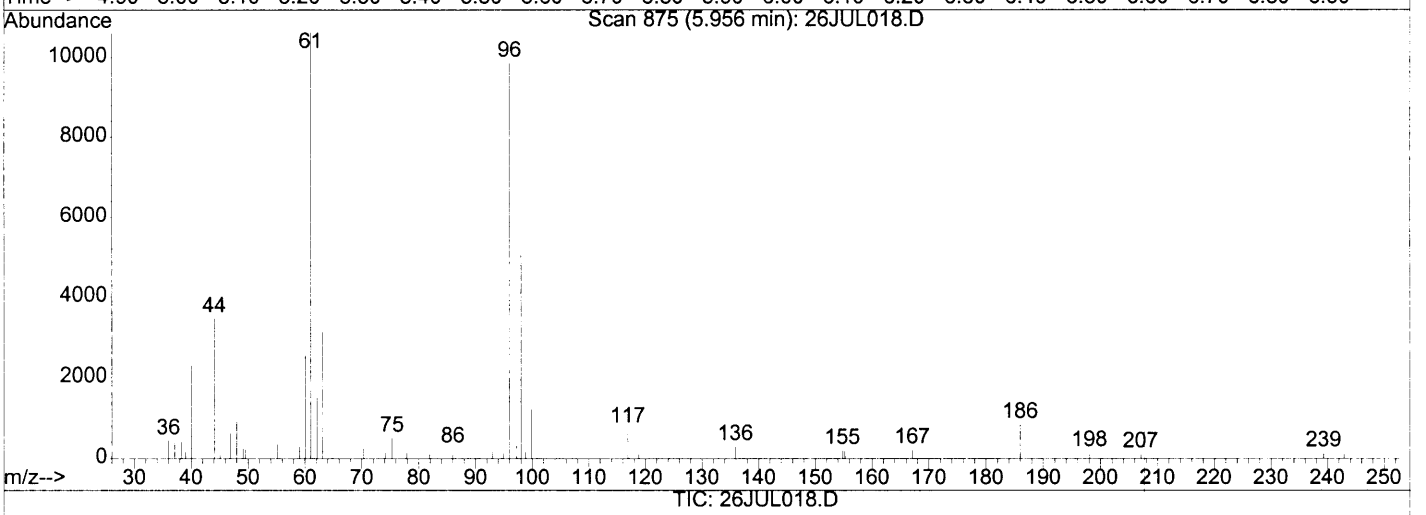
Quantitation Report (Qedit)

Data File : D:\DATA\072606\26JUL018.D
Acq On : 26 Jul 2006 7:27 pm
Sample : 06-07-1072-2K 5ML;1X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:53 2006

Vial: 18
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Multiple Level Calibration





(33) c-1,2-Dichloroethene (T)

5.96min 2.87ug/l

response 21772

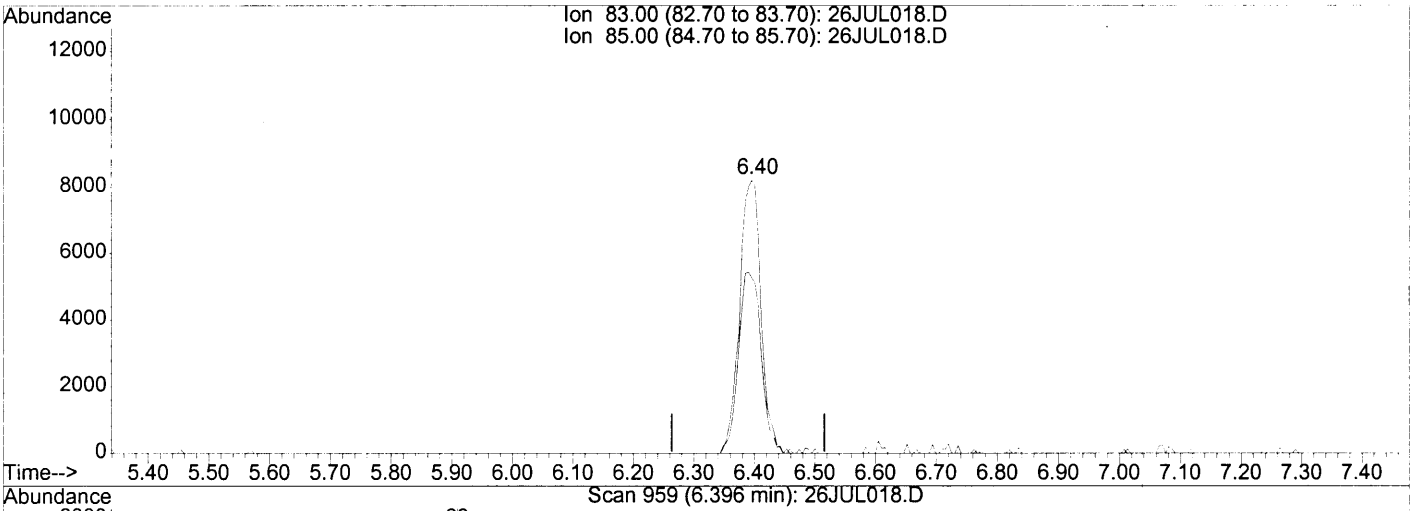
Ion	Exp%	Act%
96.00	100	100
98.00	63.60	51.45
0.00	0.00	0.00
0.00	0.00	0.00

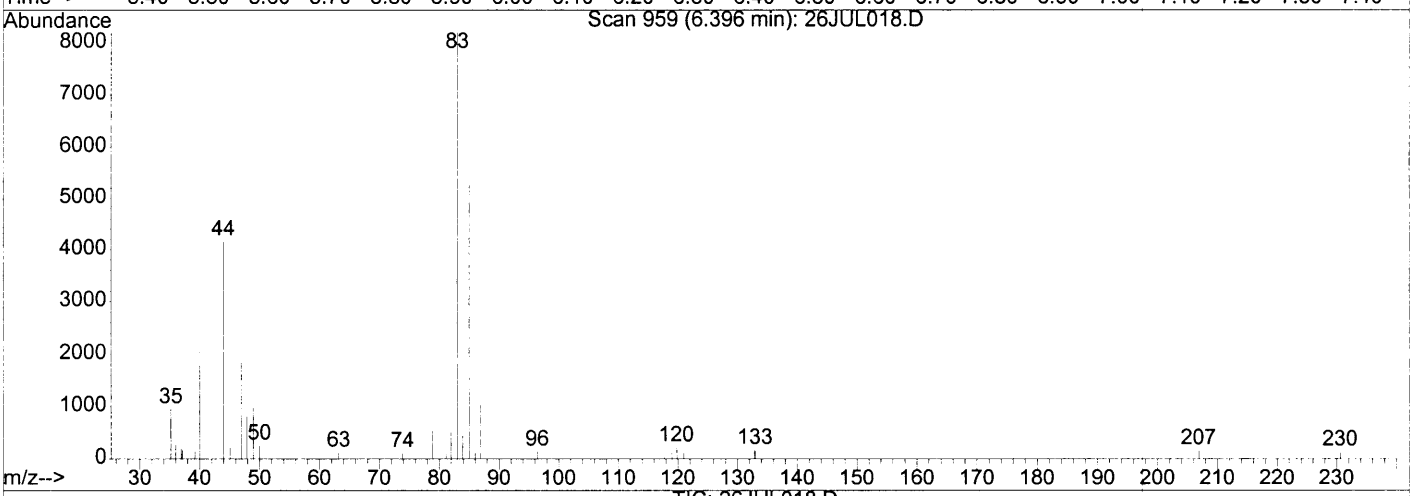
Quantitation Report (Qedit)

Data File : D:\DATA\072606\26JUL018.D
Acq On : 26 Jul 2006 7:27 pm
Sample : 06-07-1072-2K 5ML;1X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:53 2006

Vial: 18
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Multiple Level Calibration





TIC: 26JUL018.D

(41) Chloroform (CCC)

6.40min 1.47ug/l

response 20170

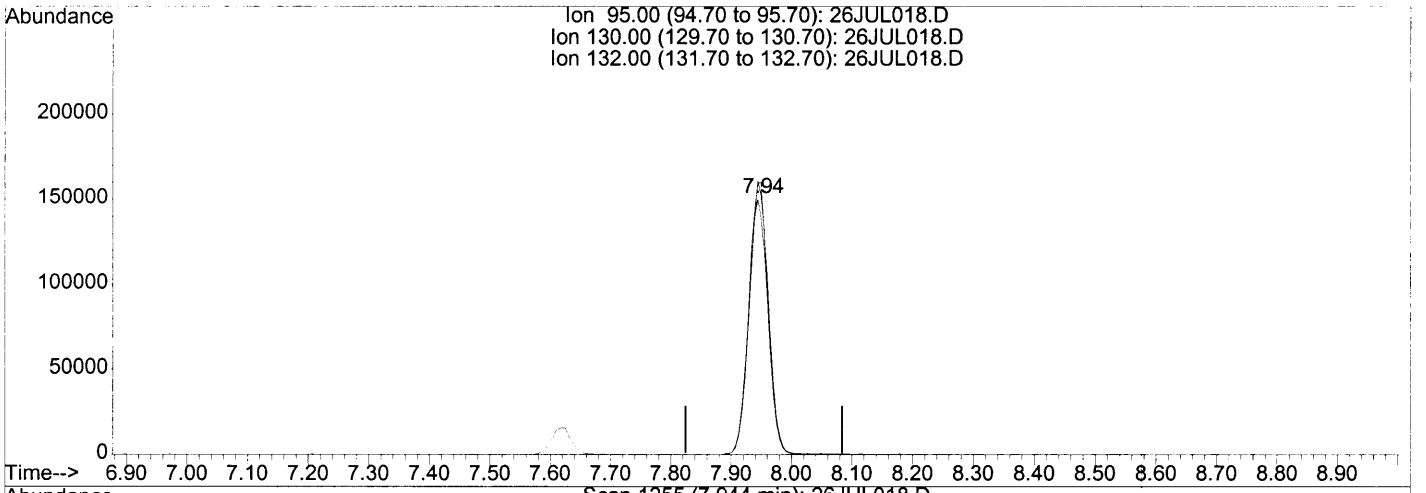
Ion	Exp%	Act%
83.00	100	100
85.00	65.20	64.36
0.00	0.00	0.00
0.00	0.00	0.00

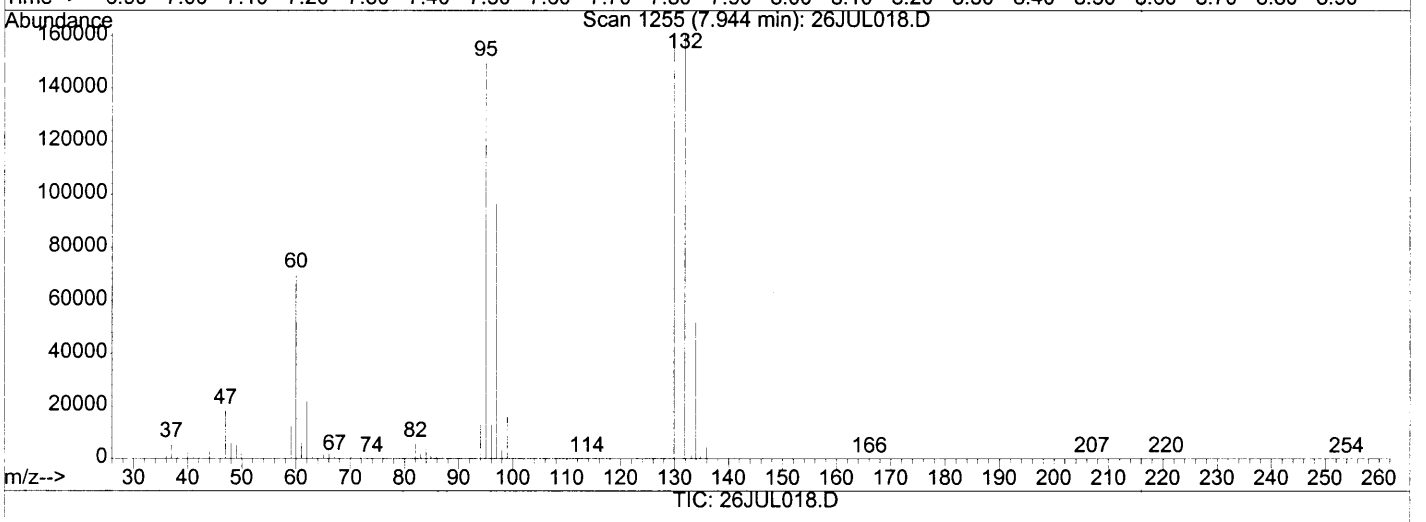
Quantitation Report (Qedit)

Data File : D:\DATA\072606\26JUL018.D
Acq On : 26 Jul 2006 7:27 pm
Sample : 06-07-1072-2K 5ML;1X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:53 2006

Vial: 18
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Multiple Level Calibration





(53) Trichloroethene (T)

7.94min 39.73ug/l

response 329793

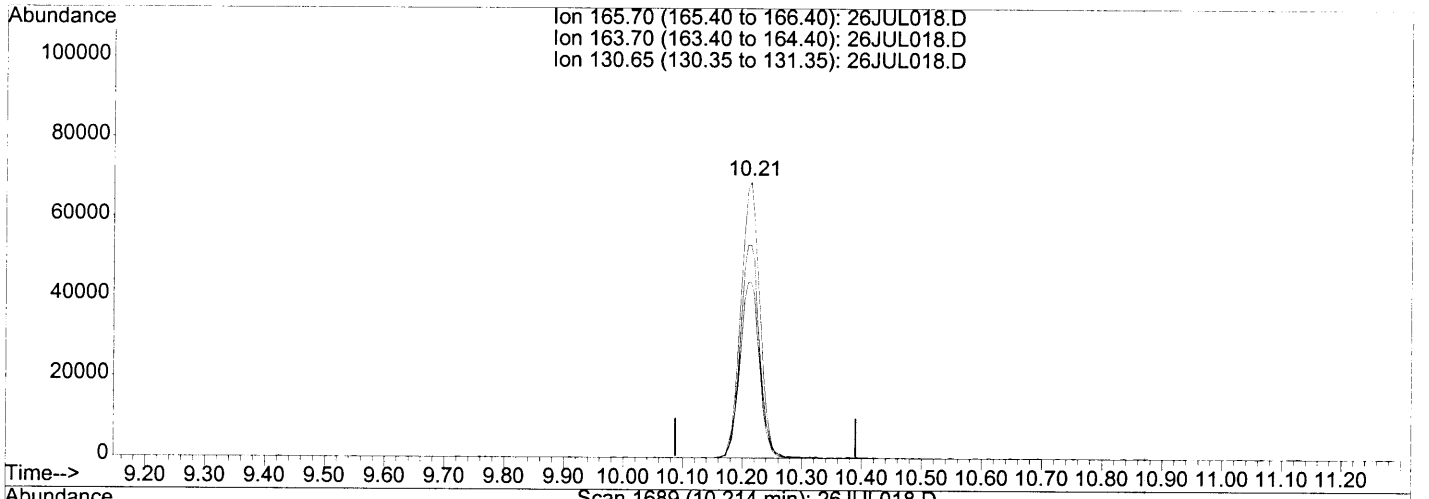
Ion	Exp%	Act%
95.00	100	100
130.00	106.30	106.36
132.00	104.10	107.51
0.00	0.00	0.00

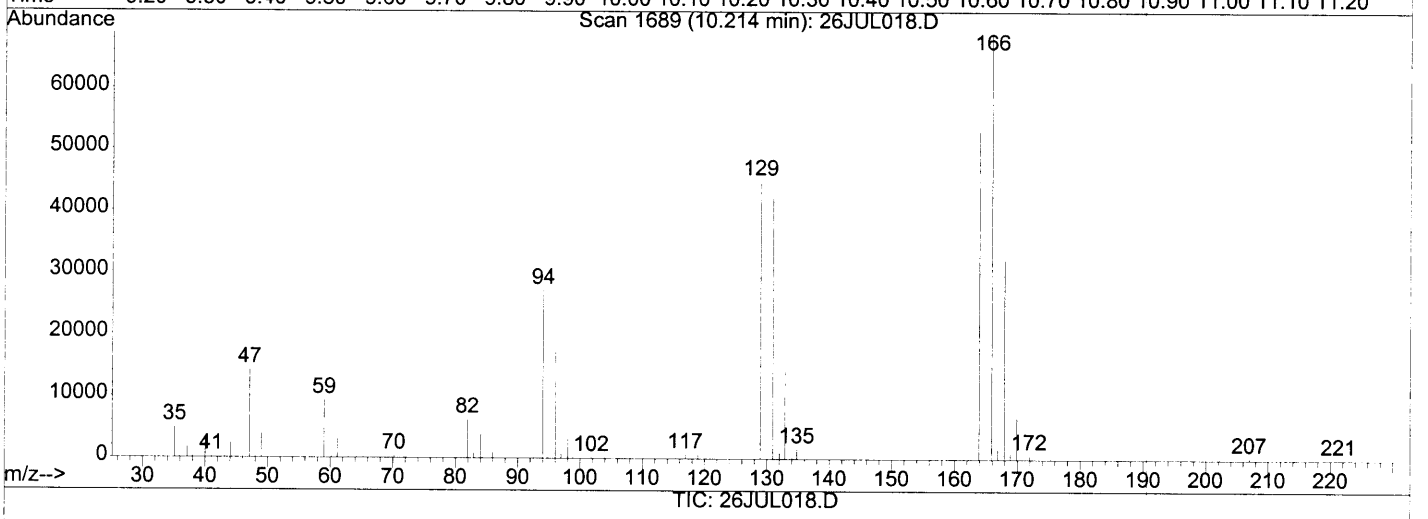
Quantitation Report (Qedit)

Data File : D:\DATA\072606\26JUL018.D
Acq On : 26 Jul 2006 7:27 pm
Sample : 06-07-1072-2K 5ML;1X;PH<2
Misc : V063006C
MS Integration Params: RTEINT.P
Quant Time: Jul 27 10:53 2006

Vial: 18
Operator: MJR
Inst : GCMS T
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\072606.M (RTE Integrator)
Title : EPA 8260B
Last Update : Thu Jul 27 10:27:46 2006
Response via : Multiple Level Calibration





(69) Tetrachloroethene (T)

10.21min 14.65ug/l

response 152589

Ion	Exp%	Act%
165.70	100	100
163.70	80.90	77.05
130.65	64.10	63.63
0.00	0.00	0.00

Calscience
Environmental
Laboratories, Inc.

1,2,3-Trichloropropane by SRL 524M

Camp Dresser & McKee

CEL W.O. 06-07-1072

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
Acq On : 5 Jul 2006 1:29 pm
Sample : 2PPB/PPT IC V030206B
Misc : V051606E
MS Integration Params: RTEINT.P
Quant Time: Jul 05 16:15:31 2006

Vial: 4
Operator:
Inst : GC_MS M
Multiplr: 1.00

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	

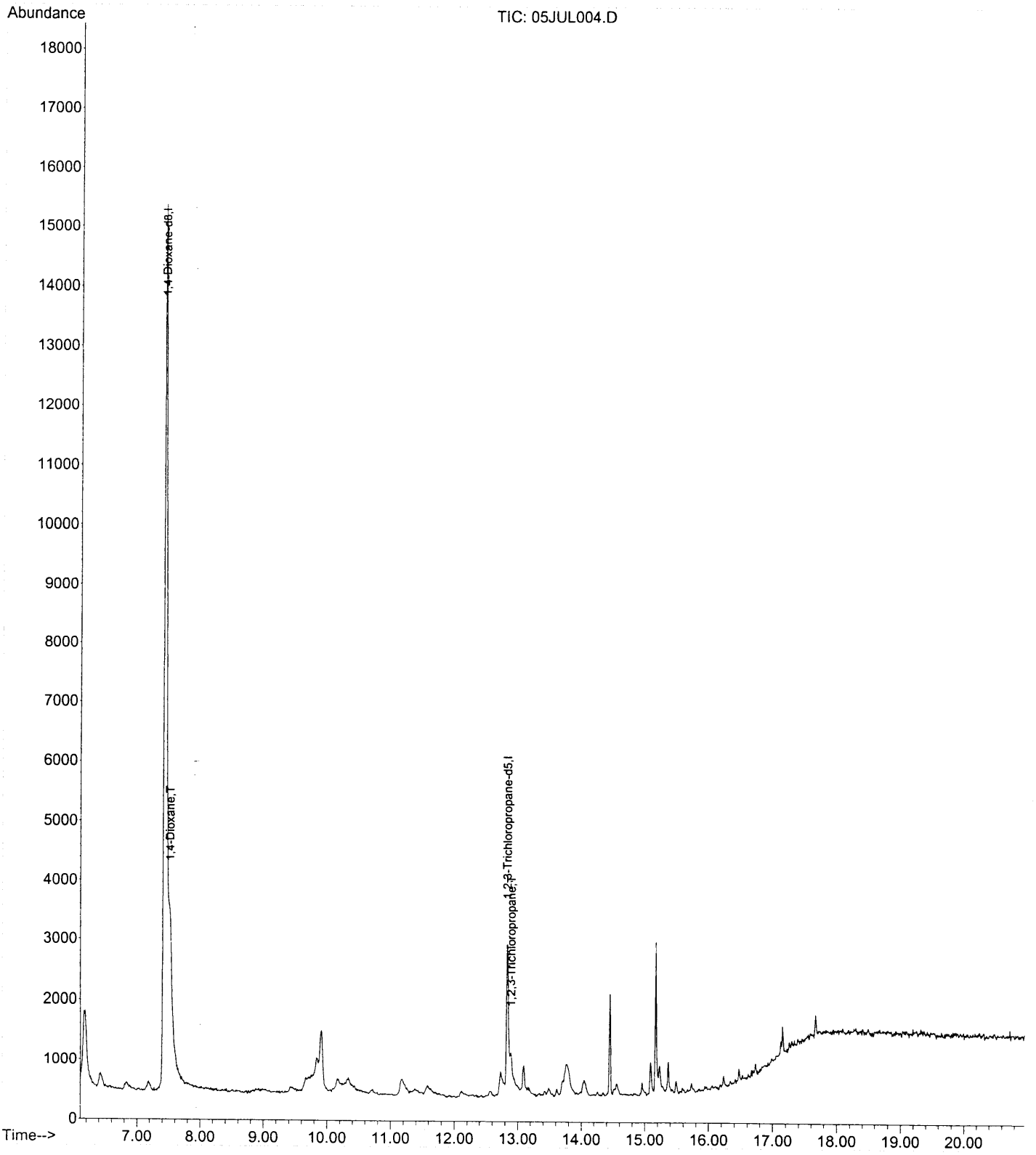
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070506\05JUL004.D
Acq On : 5 Jul 2006 1:29 pm
Sample : 2PPB/PPT IC V030206B
Misc : V051606E
MS Integration Params: RTEINT.P
Quant Time: Jul 5 16:16 2006

Vial: 4
Operator:
Inst : GC_MS M
Multiplr: 1.00
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	

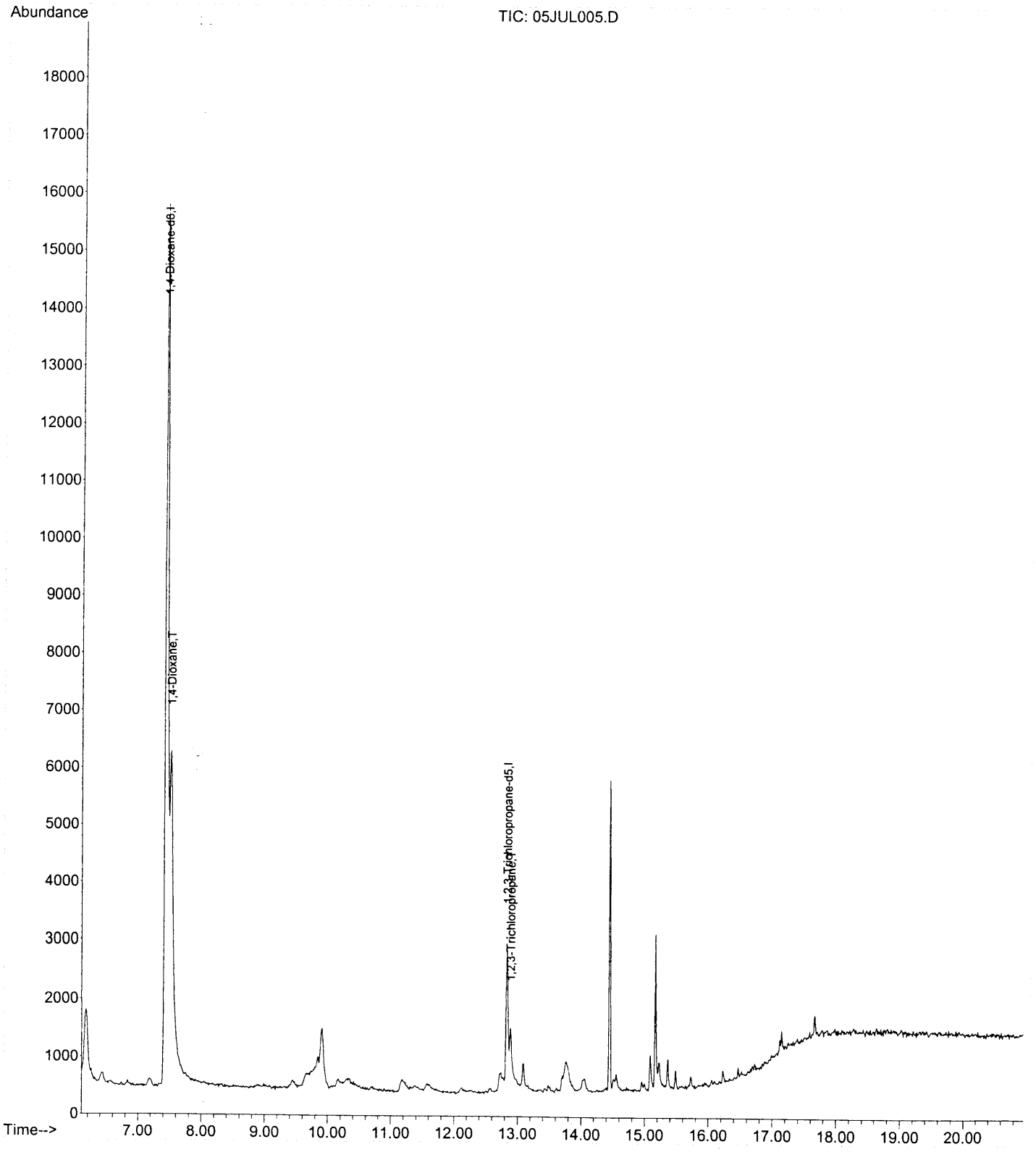
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070506\05JUL005.D
Acq On : 5 Jul 2006 1:57 pm
Sample : 5PPB/PPT IC V030206B
Misc : V051606E
MS Integration Params: RTEINT.P
Quant Time: Jul 5 16:17 2006

Vial: 5
Operator:
Inst : GC_MS M
Multiplr: 1.00
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
Acq On : 5 Jul 2006 2:26 pm
Sample : 10PPB/PPT IC V030206B
Misc : V051606E
MS Integration Params: RTEINT.P
Quant Time: Jul 05 16:17:08 2006

Vial: 7
Operator:
Inst : GC_MS M
Multiplr: 1.00

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

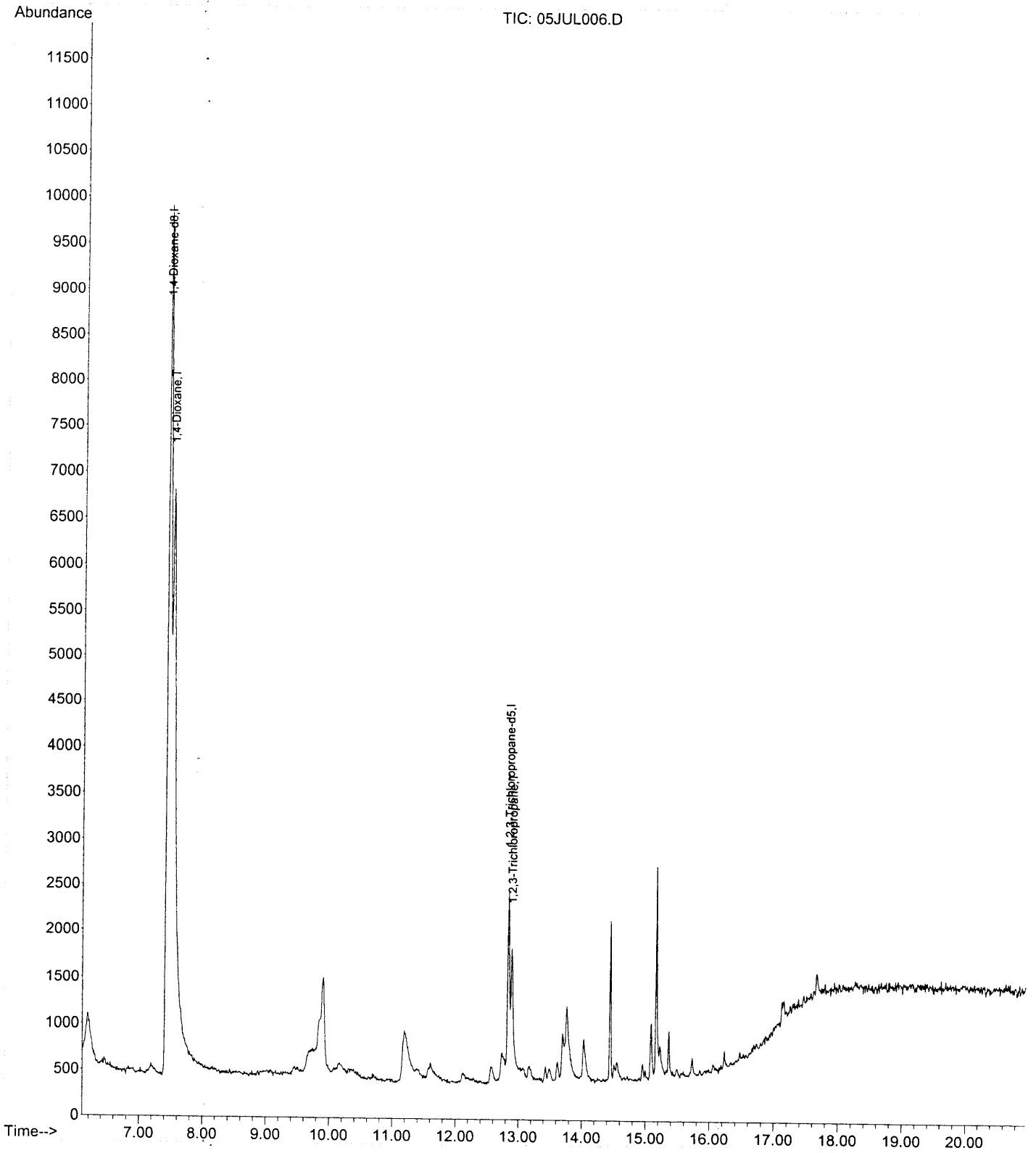
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070506\05JUL006.D
Acq On : 5 Jul 2006 2:26 pm
Sample : 10PPB/PPT IC V030206B
Misc : V051606E
MS Integration Params: RTEINT.P
Quant Time: Jul 5 16:17 2006

Vial: 7
Operator:
Inst : GC_MS M
Multiplr: 1.00

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
Acq On : 5 Jul 2006 12:03 pm
Sample : 20PPB 14 Diox/20ppt 123-TCP V030206B
Misc : V051606E GC/MS 'M'
MS Integration Params: RTEINT.P
Quant Time: Jul 05 16:14:26 2006

Vial: 1
Operator:
Inst : GC_MS M
Multiplr: 1.00

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	

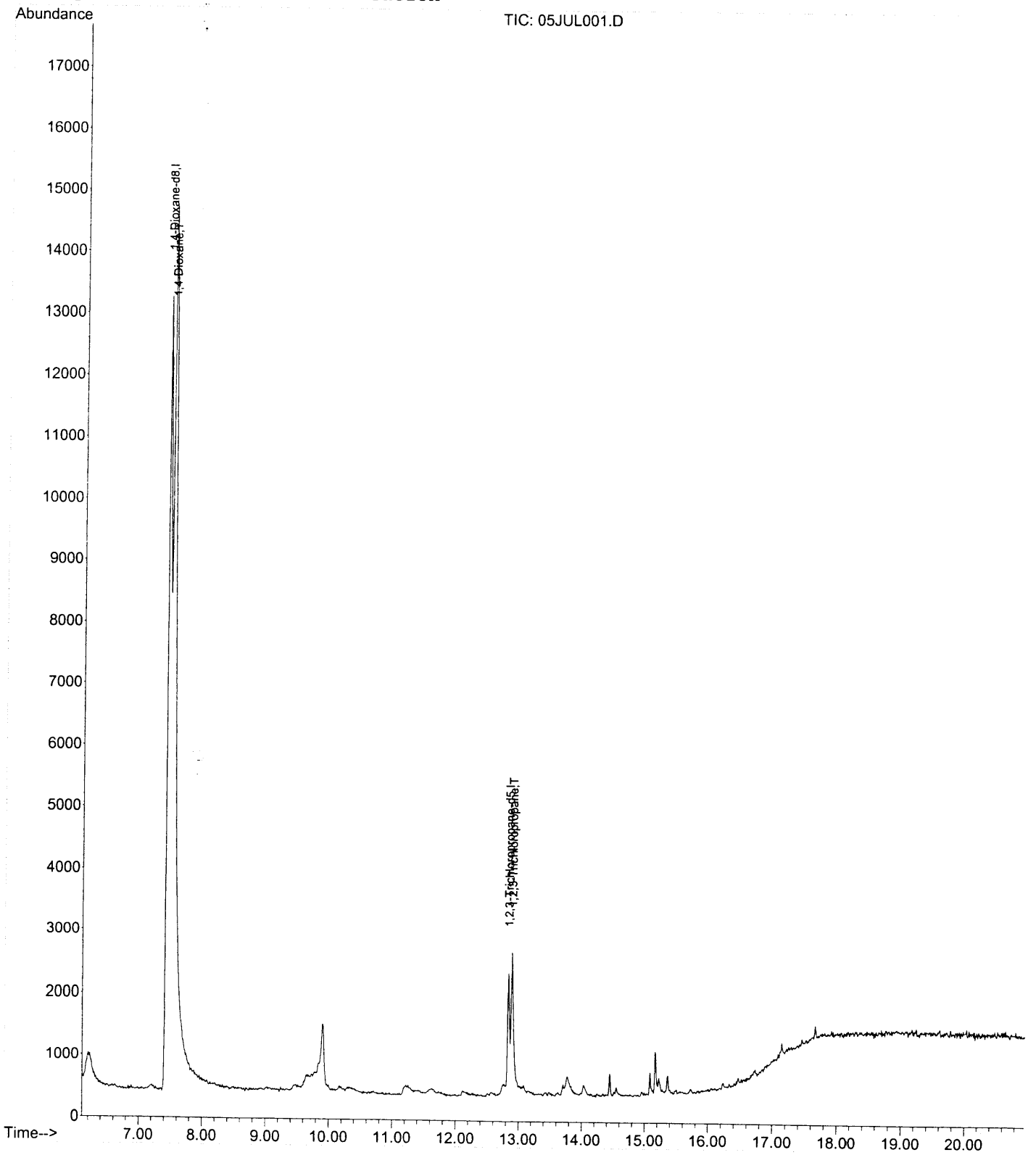
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

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

Vial: 1
Operator:
Inst : GC_MS M
Multiplr: 1.00
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
Acq On : 5 Jul 2006 3:23 pm
Sample : 50PPB/PPT IC V030206B
Misc : V051606E
MS Integration Params: RTEINT.P
Quant Time: Jul 05 16:17:51 2006

Vial: 9
Operator:
Inst : GC_MS M
Multiplr: 1.00

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

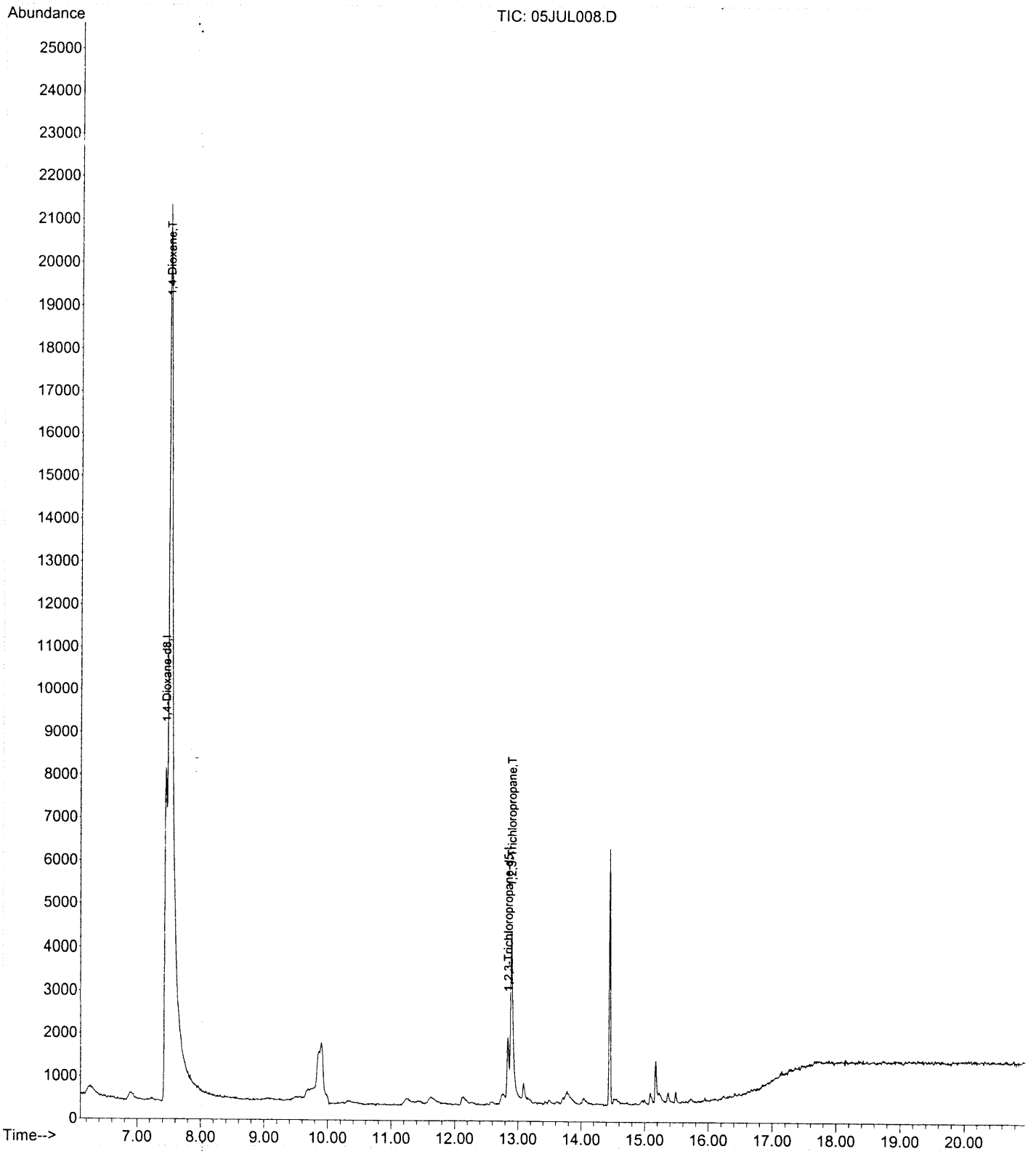
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070506\05JUL008.D
Acq On : 5 Jul 2006 3:23 pm
Sample : 50PPB/PPT IC V030206B
Misc : V051606E
MS Integration Params: RTEINT.P
Quant Time: Jul 5 16:18 2006

Vial: 9
Operator:
Inst : GC_MS M
Multiplr: 1.00

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
Acq On : 5 Jul 2006 3:52 pm
Sample : 100PPB/PPT IC V030206B
Misc : V051606E
MS Integration Params: RTEINT.P
Quant Time: Jul 05 16:18:40 2006

Vial: 10
Operator:
Inst : GC_MS M
Multiplr: 1.00

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

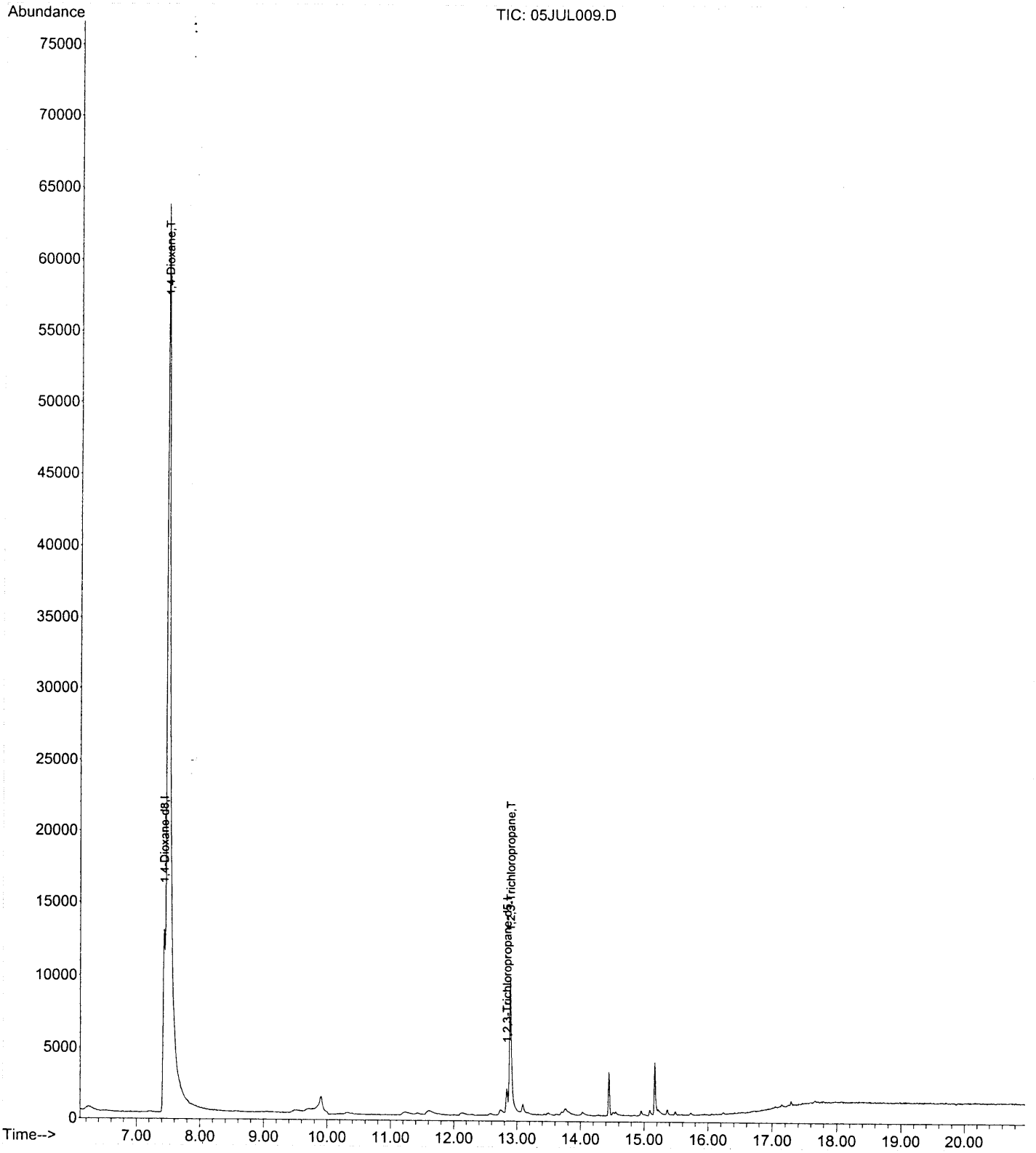
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070506\05JUL009.D
Acq On : 5 Jul 2006 3:52 pm
Sample : 100PPB/PPT IC V030206B
Misc : V051606E
MS Integration Params: RTEINT.P
Quant Time: Jul 5 16:19 2006

Vial: 10
Operator:
Inst : GC_MS M
Multiplr: 1.00

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\072406

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	24JUL001.D	1.	CCV 20PPB 14 Diox/20ppt 123-TCP V030206	V051606E GC/MS 'M'	24 Jul 2006 10:17
2	2	24JUL002.D	1.	LCS 20PPB/20PPT V030206A	V051606E	24 Jul 2006 10:47
3	3	24JUL003.D	1.	LCSD 20PPB/20PPT V030206A	V051606E	24 Jul 2006 11:15
4	4	24JUL004.D	1.	MB	V051606E	24 Jul 2006 11:44
5	5	24JUL005.D	1.	06-07-1072-1N 25ML PH<2	V051606E	24 Jul 2006 12:13
6	7	24JUL006.D	1.	06-07-1072-2M 25ML PH<2	V051606E	24 Jul 2006 12:42
7	8	24JUL007.D	1.	06-07-1072-1I 25ML PH<2	V051606E	24 Jul 2006 13:11
8	9	24JUL008.D	1.	06-07-1072-2 MS 25ML PH<2	V051606E	24 Jul 2006 13:40
9	10	24JUL009.D	1.	06-07-1072-2 MSD 25ML PH<2	V051606E	24 Jul 2006 14:09

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\072406\24JUL001.D Vial: 1
Acq On : 24 Jul 2006 10:17 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 : Wed Jul 05 17:44:25 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	115	0.00
2	T	1,4-Dioxane	1.253	1.305	-4.2	131	0.00
3	I	1,2,3-Trichloropropane-d5	1.000	1.000	0.0	112	0.00
4	T	1,2,3-Trichloropropane	1.210	1.274	-5.3	122	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
24JUL001.D 070506DIOXANE.M Mon Jul 24 16:09:50 2006

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072406\24JUL001.D Vial: 1
Acq On : 24 Jul 2006 10:17 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 24 11:34:37 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Mon Jul 24 10:34:12 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4278	96	32292m	20.0000	ug/l	0.00
3) 1,2,3-Trichloropropane-d5	12.8270	79	5239m	0.0400	ug/l	0.00

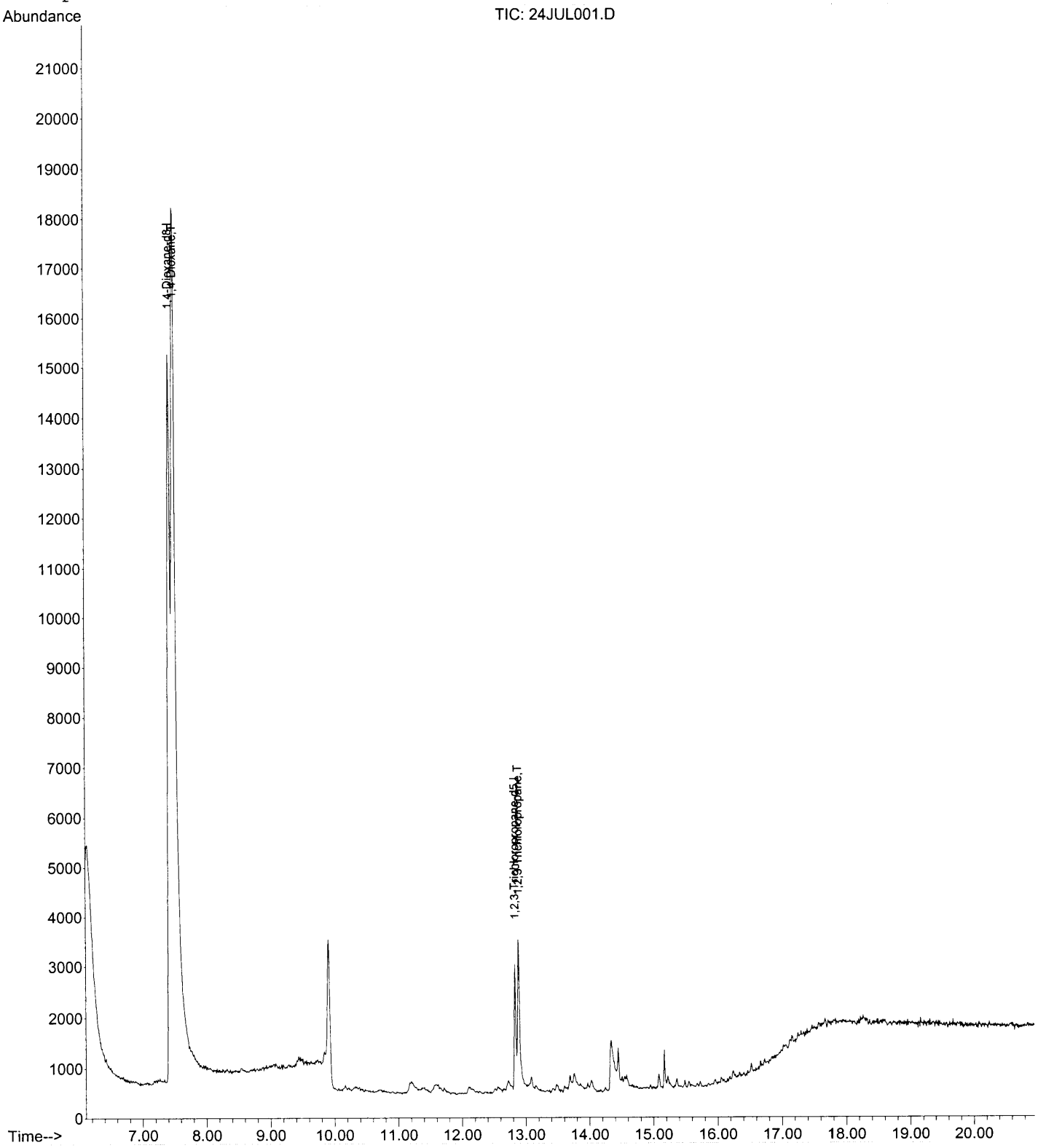
Target Compounds						Qvalue
2) 1,4-Dioxane	7.5052	88	42136m	20.8341	ug/l	
4) 1,2,3-Trichloropropane	12.8812	75	3338m	0.0211	ug/l	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072406\24JUL001.D Vial: 1
Acq On : 24 Jul 2006 10:17 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 24 11:35 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Mon Jul 24 16:09:48 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072406\24JUL002.D Vial: 2
Acq On : 24 Jul 2006 10:47 am Operator:
Sample : LCS 20PPB/20PPT V030206A Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 11:35:41 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Mon Jul 24 11:35:32 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4334	96	40552m	20.0000	ug/l	0.00
3) 1,2,3-Trichloropropane-d5	12.8279	79	7108m	0.0400	ug/l	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	7.5108	88	49020m	19.3009	ug/l
4) 1,2,3-Trichloropropane	12.8820	75	3875m	0.0180	ug/l

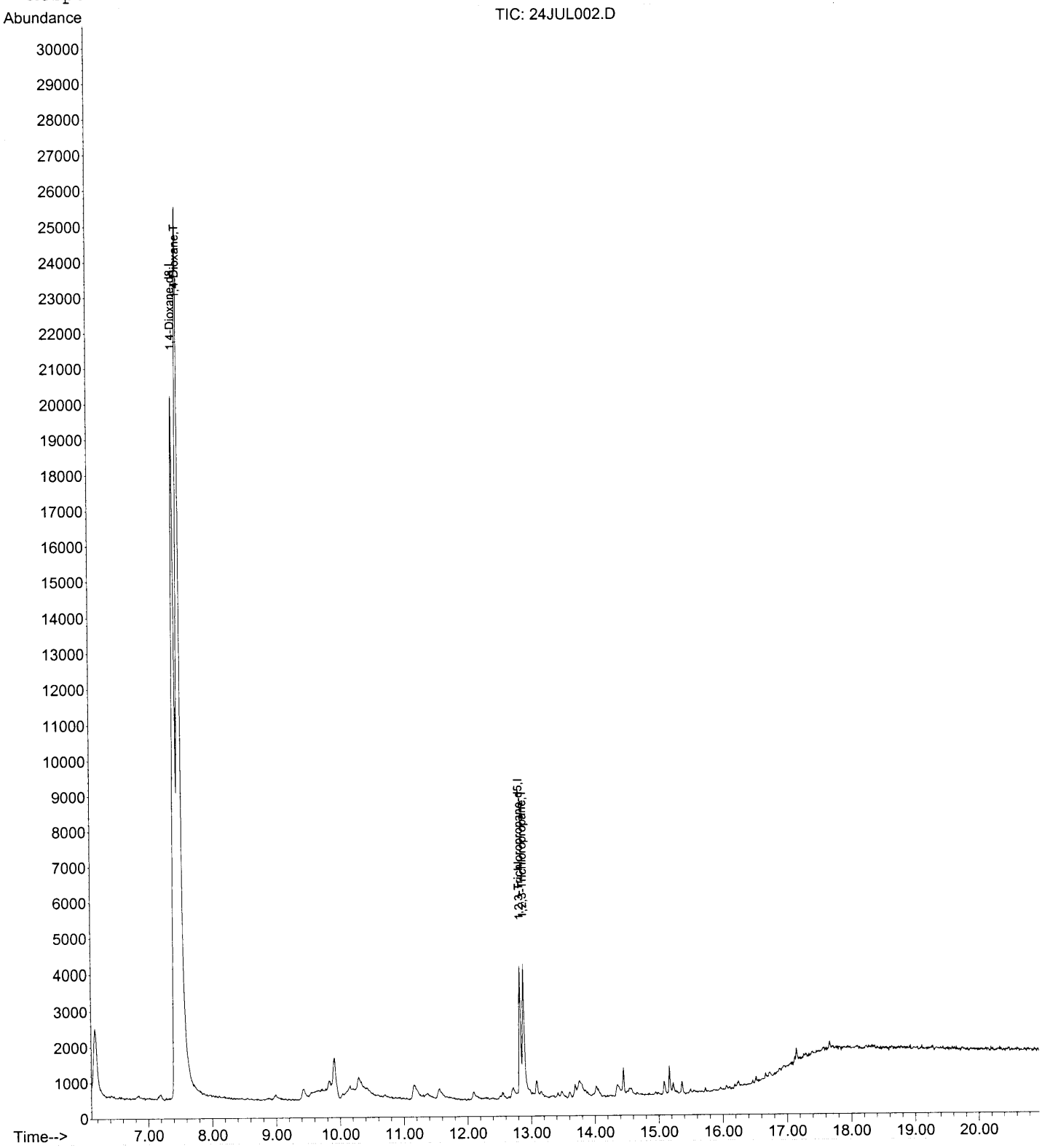
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072406\24JUL002.D
Acq On : 24 Jul 2006 10:47 am
Sample : LCS 20PPB/20PPT V030206A
Misc : V051606E
MS Integration Params: RTEINT.P
Quant Time: Jul 24 11:36 2006

Vial: 2
Operator:
Inst : GC_MS M
Multiplr: 1.00
Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Mon Jul 24 15:59:05 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072406\24JUL003.D Vial: 3
Acq On : 24 Jul 2006 11:15 am Operator:
Sample : LCSD 20PPB/20PPT V030206A Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 11:55:43 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Mon Jul 24 11:35:32 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4336	96	44474m	20.0000	ug/l	0.00
3) 1,2,3-Trichloropropane-d5	12.8261	79	7733m	0.0400	ug/l	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	7.5110	88	53314m	19.1404	ug/l	
4) 1,2,3-Trichloropropane	12.8803	75	4335m	0.0185	ug/l	

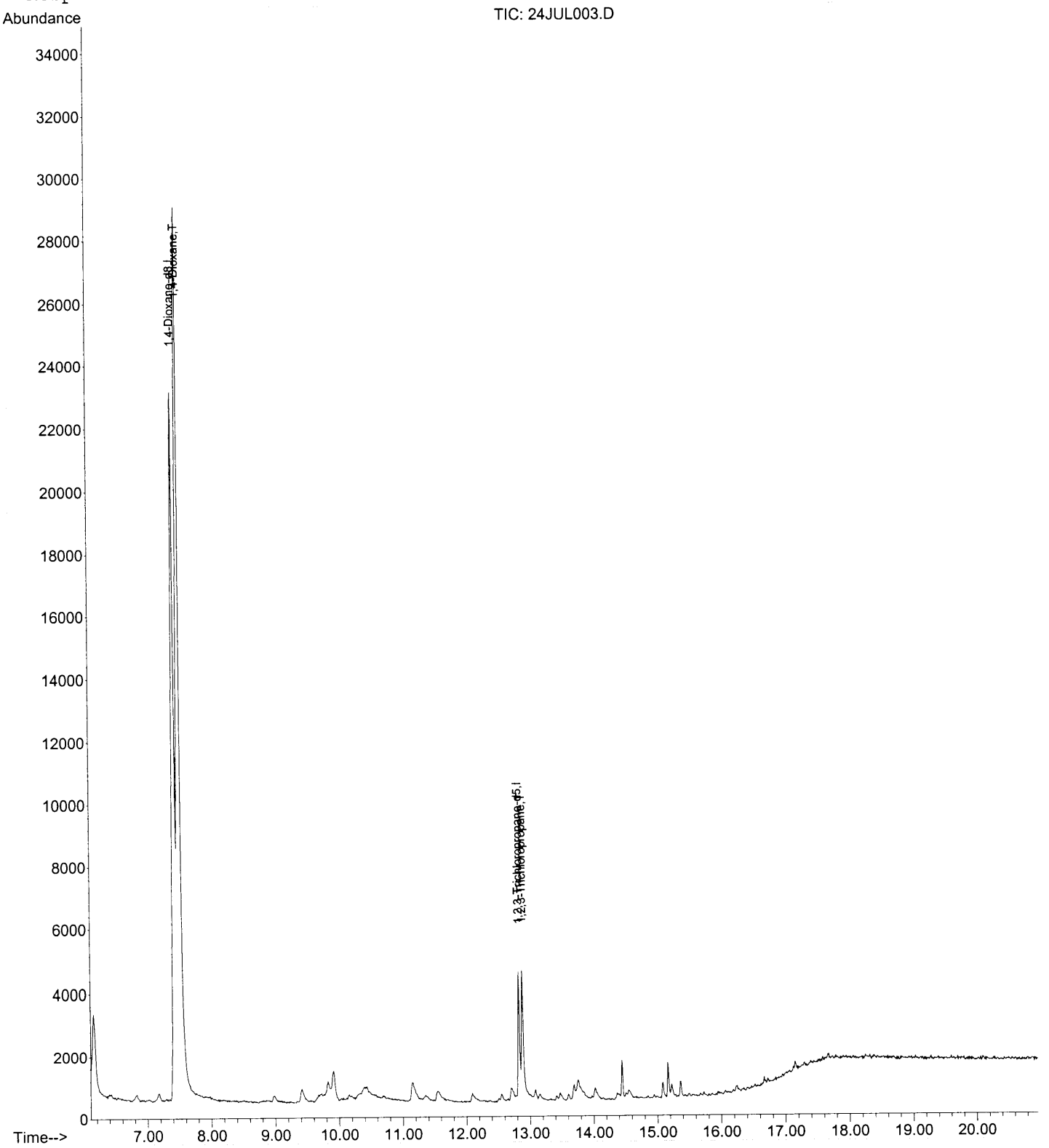
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072406\24JUL003.D
Acq On : 24 Jul 2006 11:15 am
Sample : LCSD 20PPB/20PPT V030206A
Misc : V051606E
MS Integration Params: RTEINT.P
Quant Time: Jul 24 11:56 2006

Vial: 3
Operator:
Inst : GC_MS M
Multiplr: 1.00
Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Mon Jul 24 15:59:05 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072406\24JUL004.D Vial: 4
Acq On : 24 Jul 2006 11:44 am Operator:
Sample : MB Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 12:49:40 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Mon Jul 24 11:35:32 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4340	96	45764m	20.0000	ug/l	0.00
3) 1,2,3-Trichloropropane-d5	12.8265	79	7931m	0.0400	ug/l	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	7.5192	88	1477	0.5153	ug/l	87
4) 1,2,3-Trichloropropane	12.8807	75	397	0.0017	ug/l	91

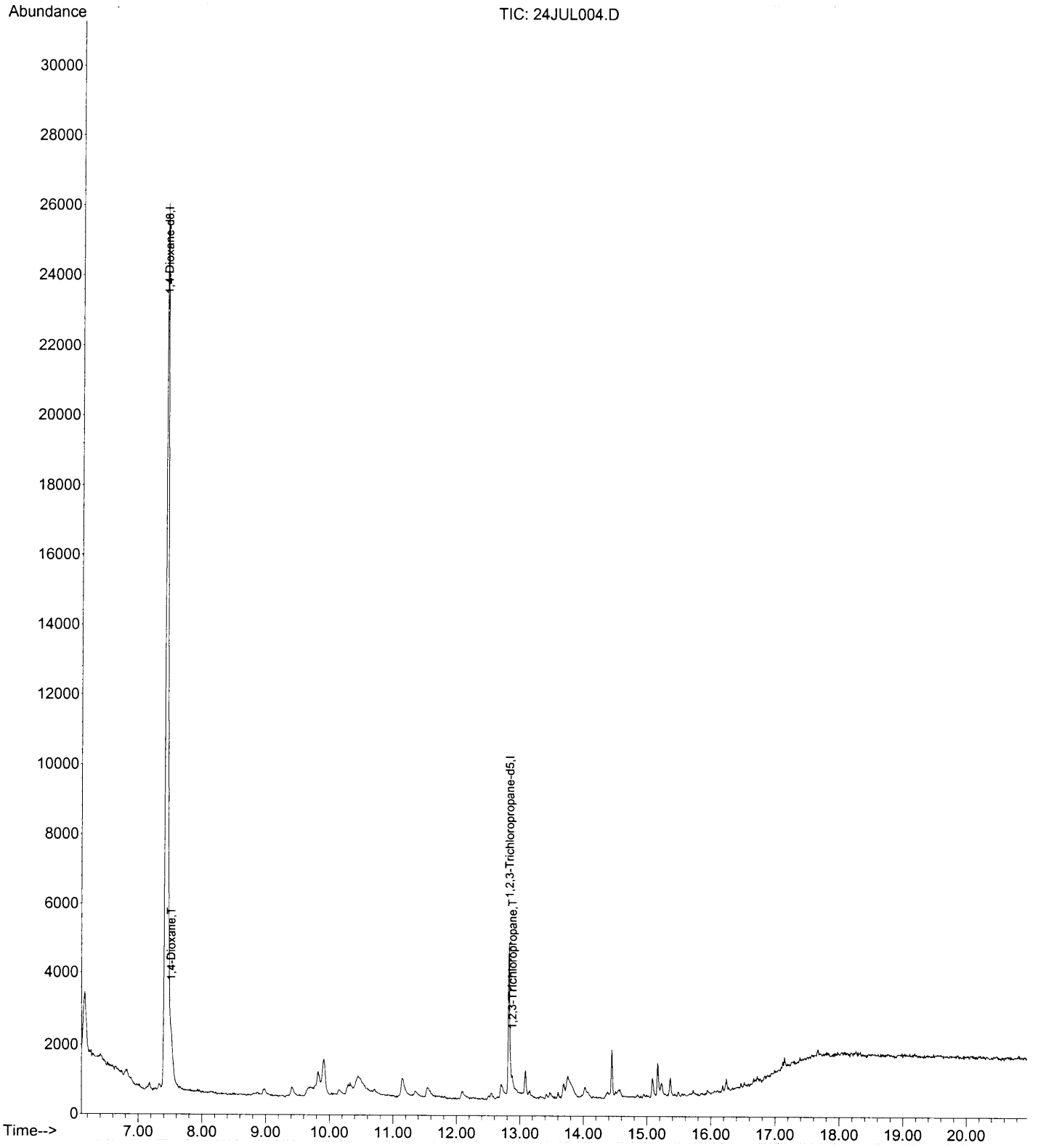
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072406\24JUL004.D
Acq On : 24 Jul 2006 11:44 am
Sample : MB
Misc : V051606E
MS Integration Params: RTEINT.P
Quant Time: Jul 24 12:50 2006

Vial: 4
Operator:
Inst : GC_MS M
Multiplr: 1.00
Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Mon Jul 24 15:59:05 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072406\24JUL008.D
Acq On : 24 Jul 2006 1:40 pm
Sample : 06-07-1072-2 MS 25ML PH<2
Misc : V051606E
MS Integration Params: RTEINT.P
Quant Time: Jul 24 14:44:54 2006

Vial: 9
Operator:
Inst : GC_MS M
Multiplr: 1.00

Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Mon Jul 24 13:37:14 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4510	96	24987m	20.0000	ug/l	0.02
3) 1,2,3-Trichloropropane-d5	12.8347	79	4323m	0.0400	ug/l	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	7.5206	88	30212m	19.3056	ug/l	
4) 1,2,3-Trichloropropane	12.8889	75	2327m	0.0178	ug/l	

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

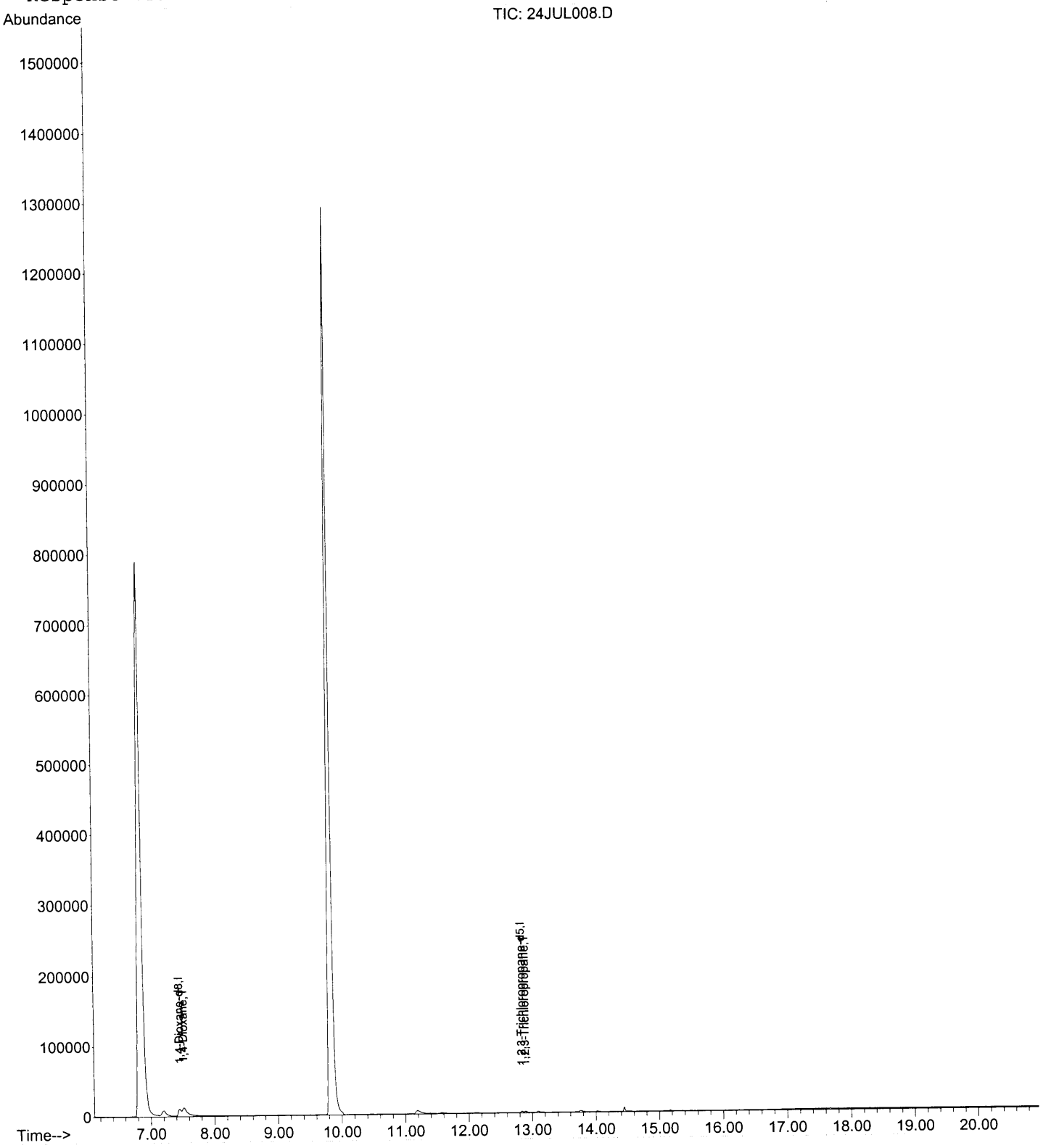
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072406\24JUL008.D
Acq On : 24 Jul 2006 1:40 pm
Sample : 06-07-1072-2 MS 25ML PH<2
Misc : V051606E
MS Integration Params: RTEINT.P
Quant Time: Jul 24 14:45 2006

Vial: 9
Operator:
Inst : GC_MS M
Multiplr: 1.00

Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Mon Jul 24 15:59:05 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072406\24JUL009.D Vial: 10
Acq On : 24 Jul 2006 2:09 pm Operator:
Sample : 06-07-1072-2 MSD 25ML PH<2 Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 14:45:41 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Mon Jul 24 13:37:14 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4419	96	27729m	20.0000	ug/l	0.01
3) 1,2,3-Trichloropropane-d5	12.8340	79	4780m	0.0400	ug/l	0.00

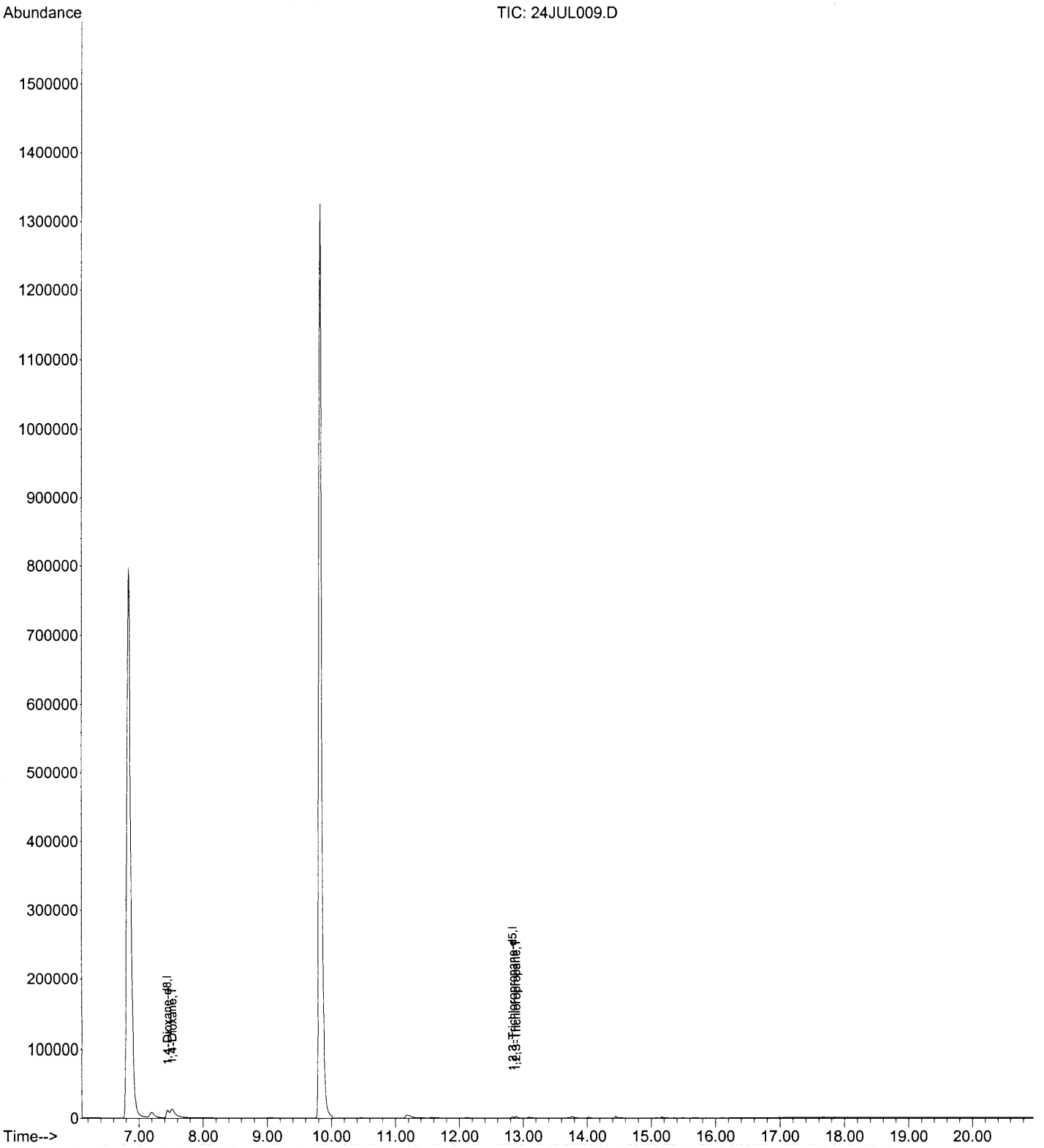
Target Compounds						Qvalue
2) 1,4-Dioxane	7.5193	88	32354m	18.6299	ug/l	
4) 1,2,3-Trichloropropane	12.8882	75	2479m	0.0171	ug/l	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072406\24JUL009.D Vial: 10
Acq On : 24 Jul 2006 2:09 pm Operator:
Sample : 06-07-1072-2 MSD 25ML PH<2 Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 14:46 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Mon Jul 24 15:59:05 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072406\24JUL007.D Vial: 8
Acq On : 24 Jul 2006 1:11 pm Operator:
Sample : 06-07-1072-1I 25ML PH<2 Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 13:34:42 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Mon Jul 24 11:35:32 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4510	96	16272m	20.0000	ug/l	0.02
3) 1,2,3-Trichloropropane-d5	12.8348	79	4193m	0.0400	ug/l	0.00

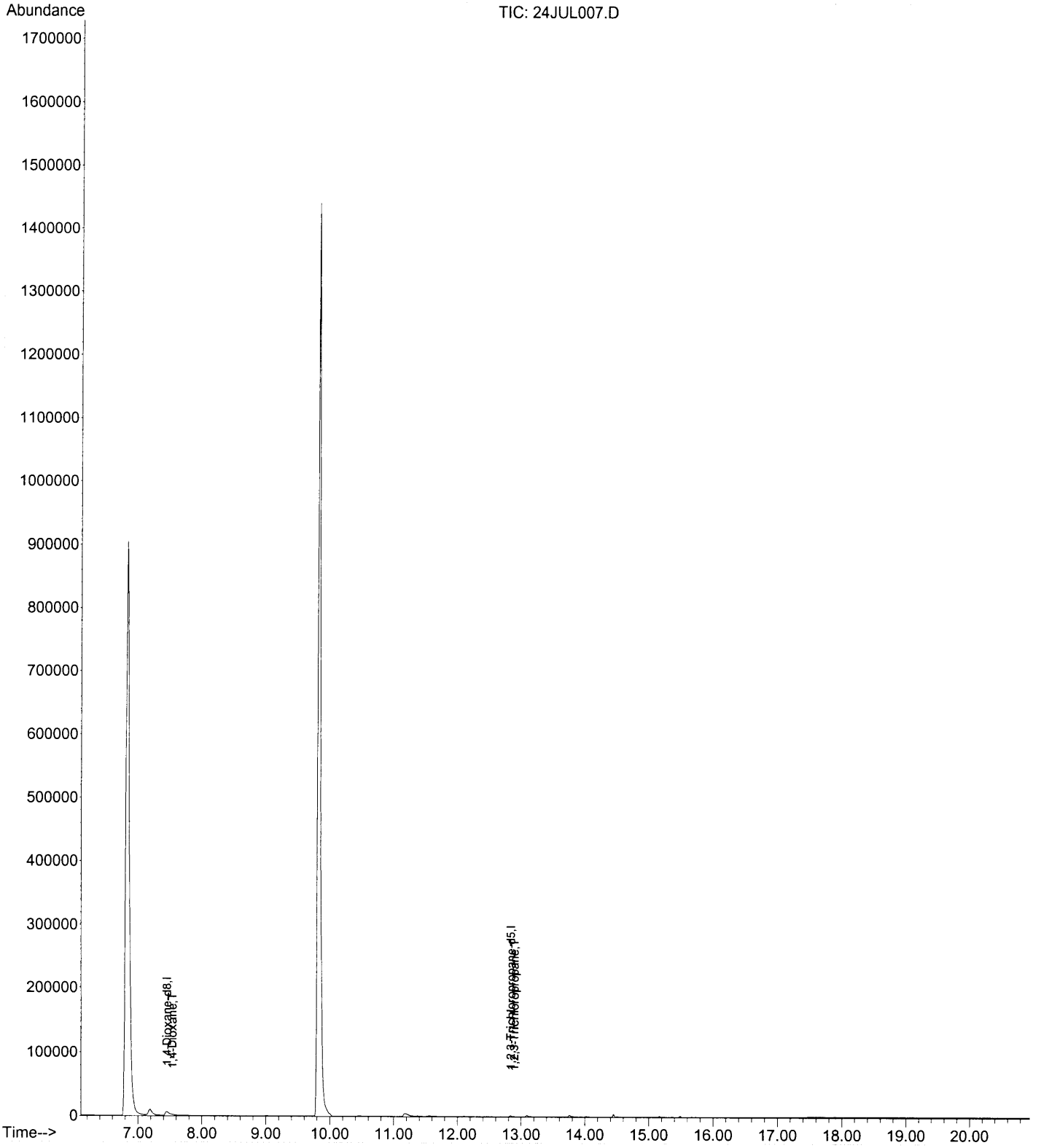
Target Compounds						Qvalue
2) 1,4-Dioxane	7.5439	88	1655	1.6240	ug/l #	4
4) 1,2,3-Trichloropropane	12.8890	75	187	0.0015	ug/l	92

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072406\24JUL007.D Vial: 8
Acq On : 24 Jul 2006 1:11 pm Operator:
Sample : 06-07-1072-1I 25ML PH<2 Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 13:37 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Mon Jul 24 15:59:05 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072406\24JUL005.D Vial: 5
Acq On : 24 Jul 2006 12:13 pm Operator:
Sample : 06-07-1072-1N 25ML PH<2 Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 12:50:17 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Mon Jul 24 11:35:32 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Reference

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4649	96	15972m	20.0000	ug/l	0.03
3) 1,2,3-Trichloropropane-d5	12.8341	79	2942m	0.0400	ug/l	0.00

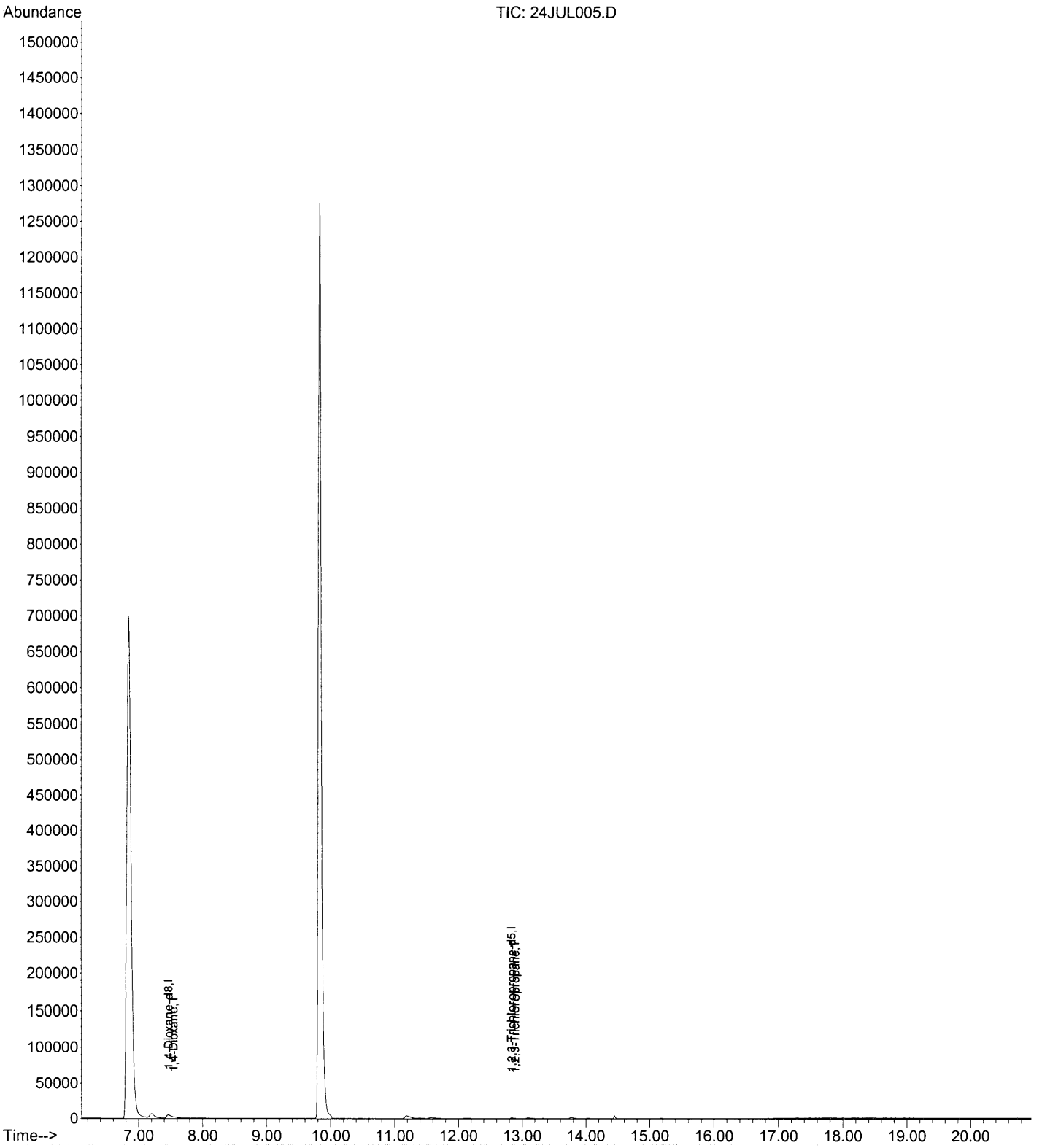
Target Compounds						Qvalue
2) 1,4-Dioxane	7.5500	88	1058	1.0577	ug/l	94
4) 1,2,3-Trichloropropane	12.8961	75	168	0.0019	ug/l	93

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072406\24JUL005.D Vial: 5
Acq On : 24 Jul 2006 12:13 pm Operator:
Sample : 06-07-1072-1N 25ML PH<2 Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 12:51 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Mon Jul 24 15:59:05 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072406\24JUL006.D Vial: 7
Acq On : 24 Jul 2006 12:42 pm Operator:
Sample : 06-07-1072-2M 25ML PH<2 Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 13:34:34 2006 Quant Results File: 070506DIOXANE.RES

Quant Method : C:\MSDCHEM\1...\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Mon Jul 24 11:35:32 2006
Response via : Initial Calibration
DataAcq Meth : DIOX

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dioxane-d8	7.4360	96	37362m	20.0000	ug/l	0.00
3) 1,2,3-Trichloropropane-d5	12.8352	79	5270m	0.0400	ug/l	0.00

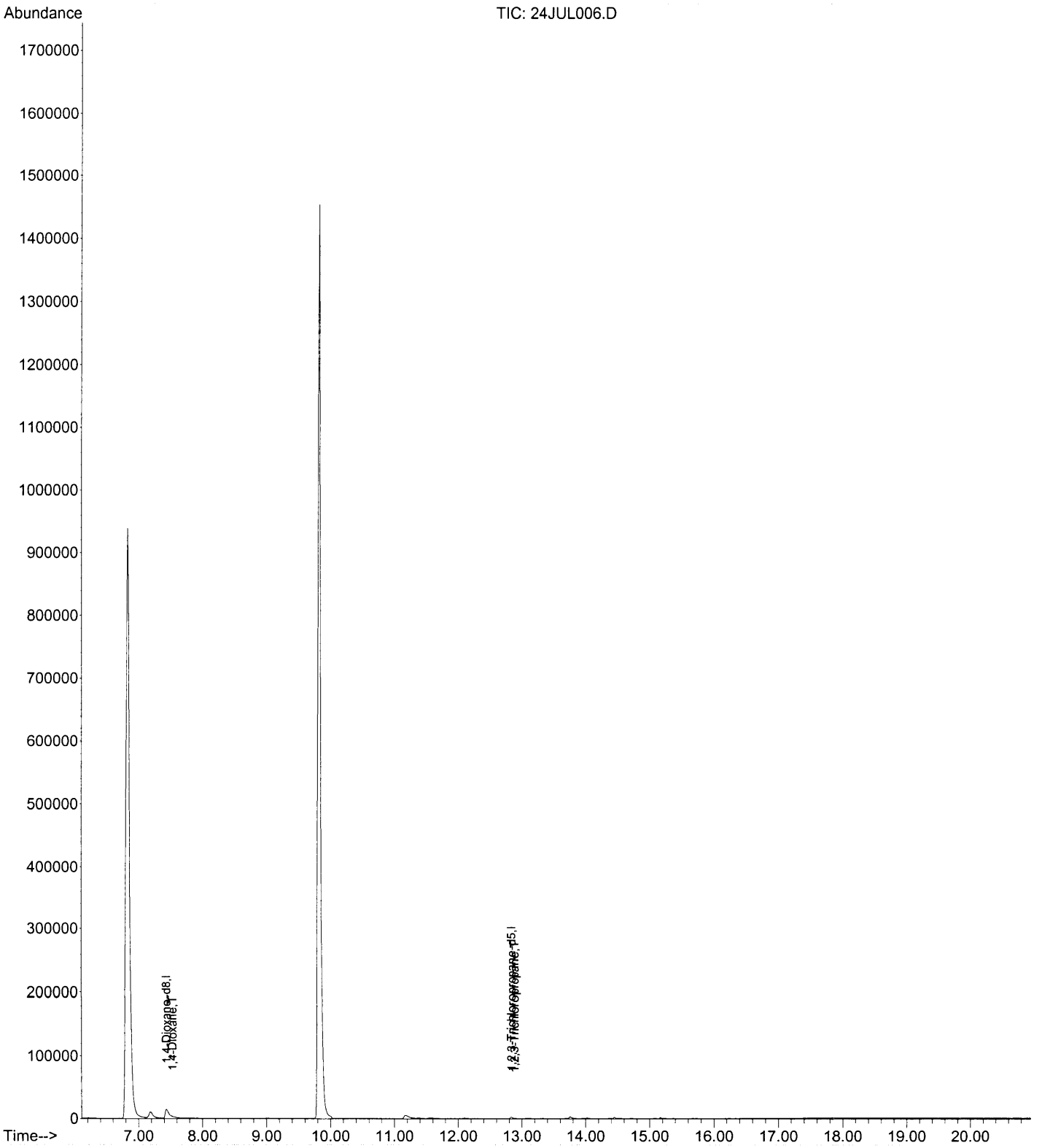
Target Compounds						Qvalue
2) 1,4-Dioxane	7.5366	88	1871	0.7996	ug/l #	1
4) 1,2,3-Trichloropropane	12.8894	75	251	0.0016	ug/l	67

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\072406\24JUL006.D Vial: 7
Acq On : 24 Jul 2006 12:42 pm Operator:
Sample : 06-07-1072-2M 25ML PH<2 Inst : GC_MS M
Misc : V051606E Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 13:35 2006 Quant Results File: 070506DIOXANE.RES

Method : C:\MSDCHEM\1\METHODS\070506DIOXANE.M (RTE Integrator)
Title : SRL 524-M
Last Update : Mon Jul 24 15:59:05 2006
Response via : Initial Calibration



Calscience
Environmental
Laboratories, Inc.

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

Camp Dresser & McKee

CEL W.O. 06-07-1072

Hewitt Landfill Groundwater

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

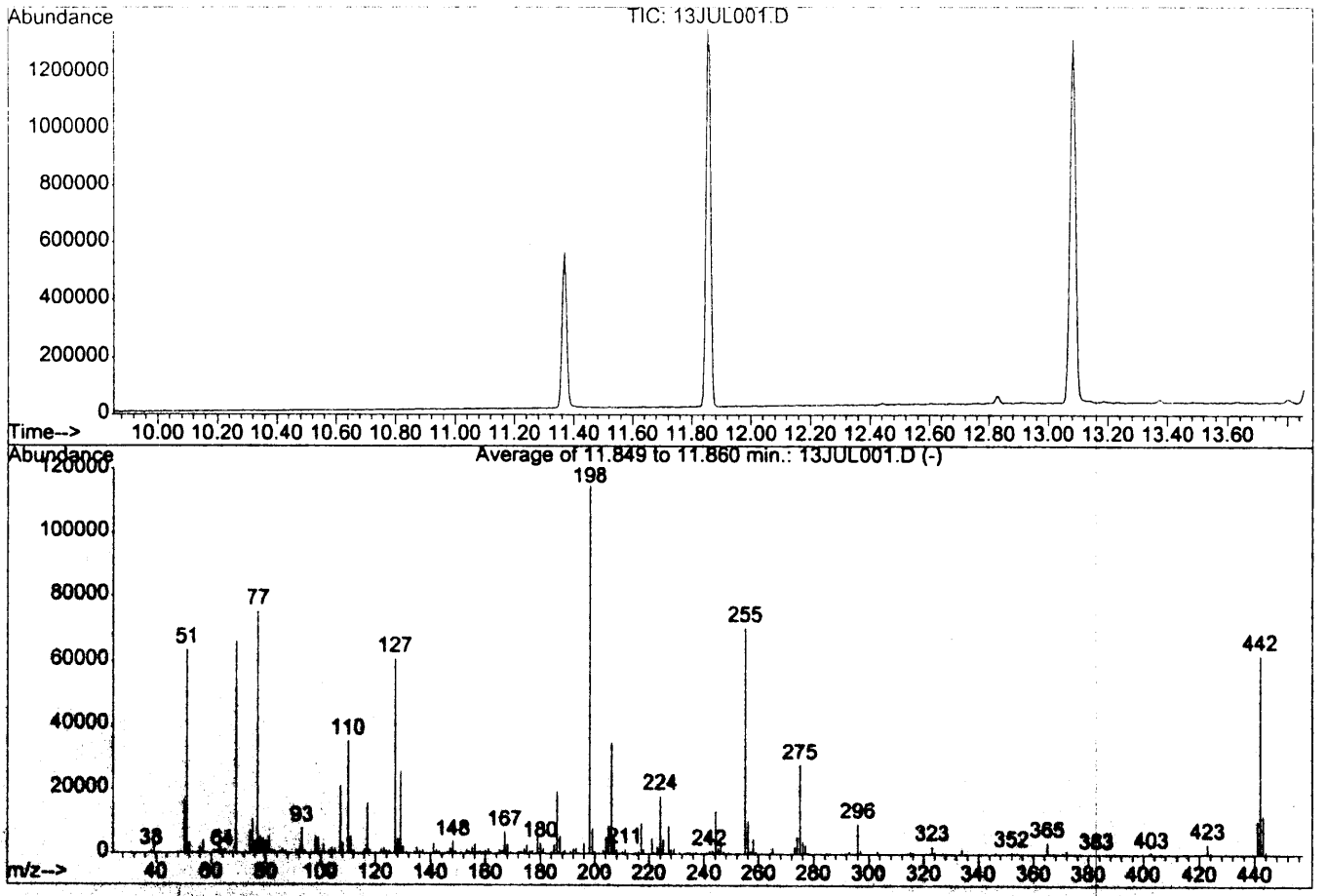
Injection Log

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



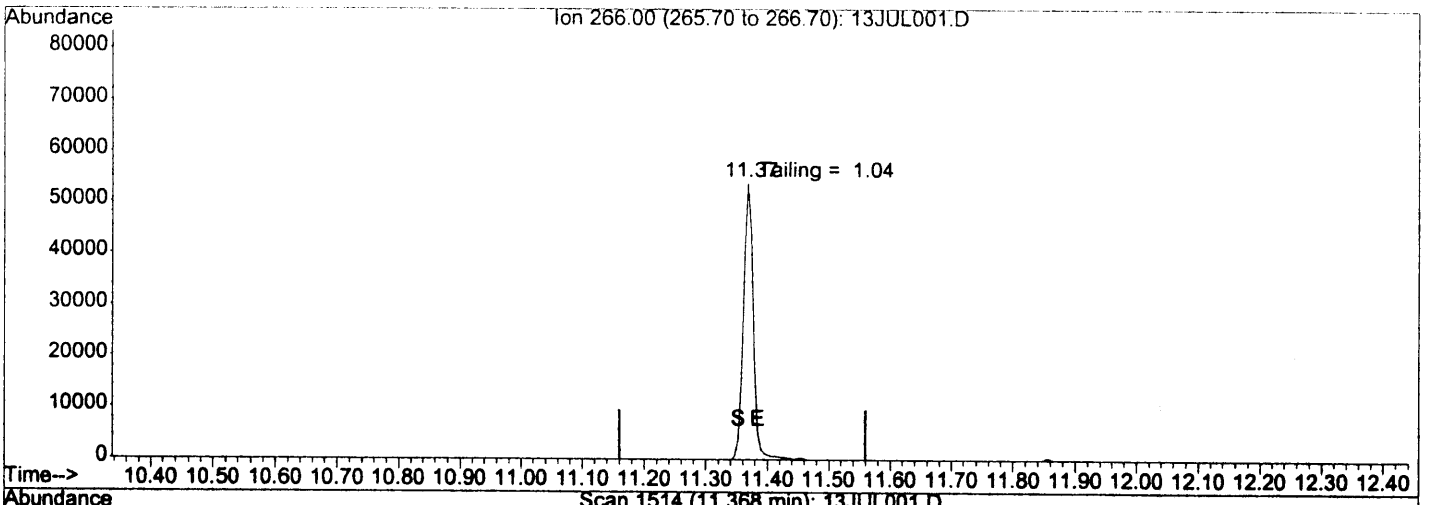
AutoFind: Scans 1604, 1605, 1606; Background Corrected with Scan 1598

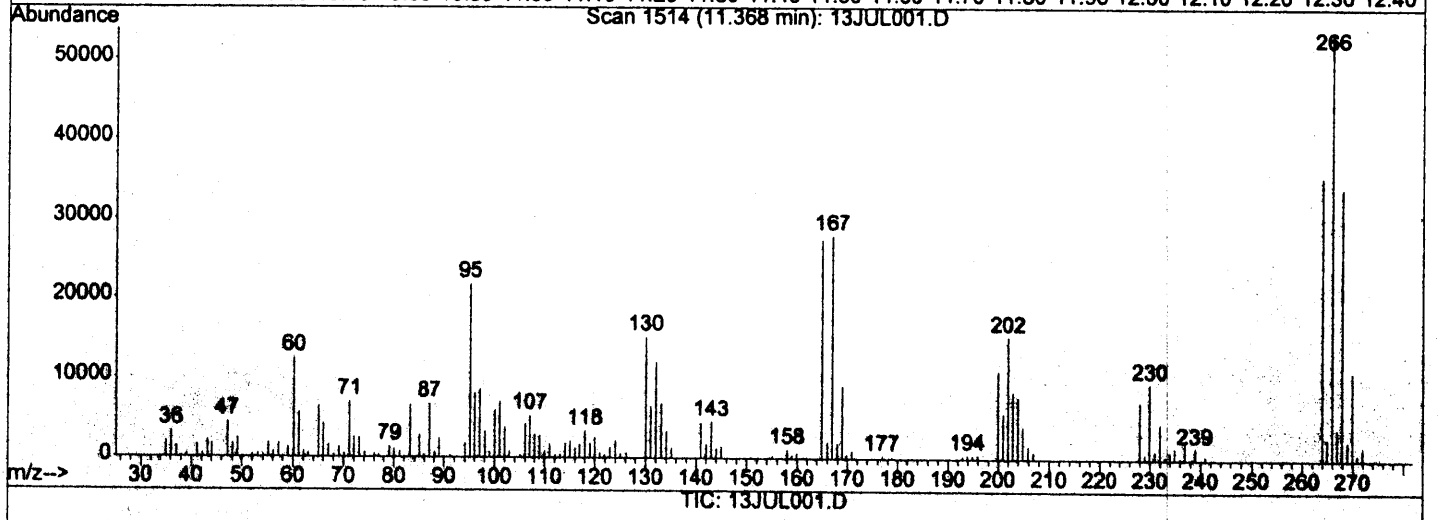
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	55.3	63368	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	57.7	66161	PASS
70	69	0.00	2	0.5	307	PASS
127	198	40	60	53.0	60720	PASS
197	198	0.00	1	0.2	277	PASS
198	198	100	100	100.0	114618	PASS
199	198	5	9	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 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





(1) Pentachlorophenol

11.37min 0.00

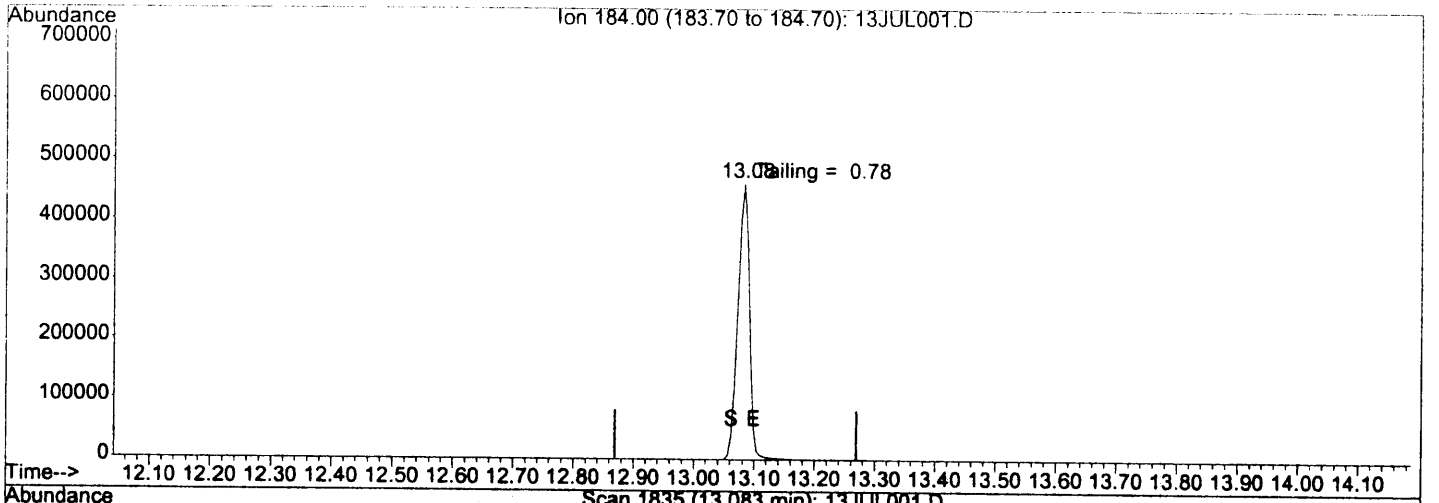
response 61020

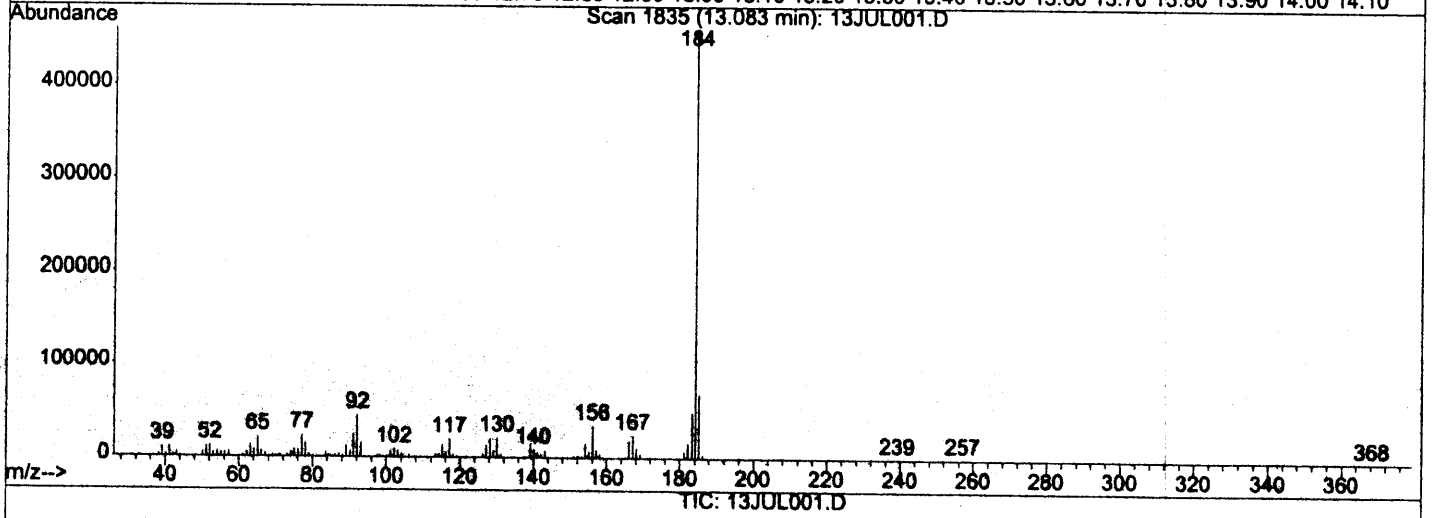
Ion	Exp%	Act%
266.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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

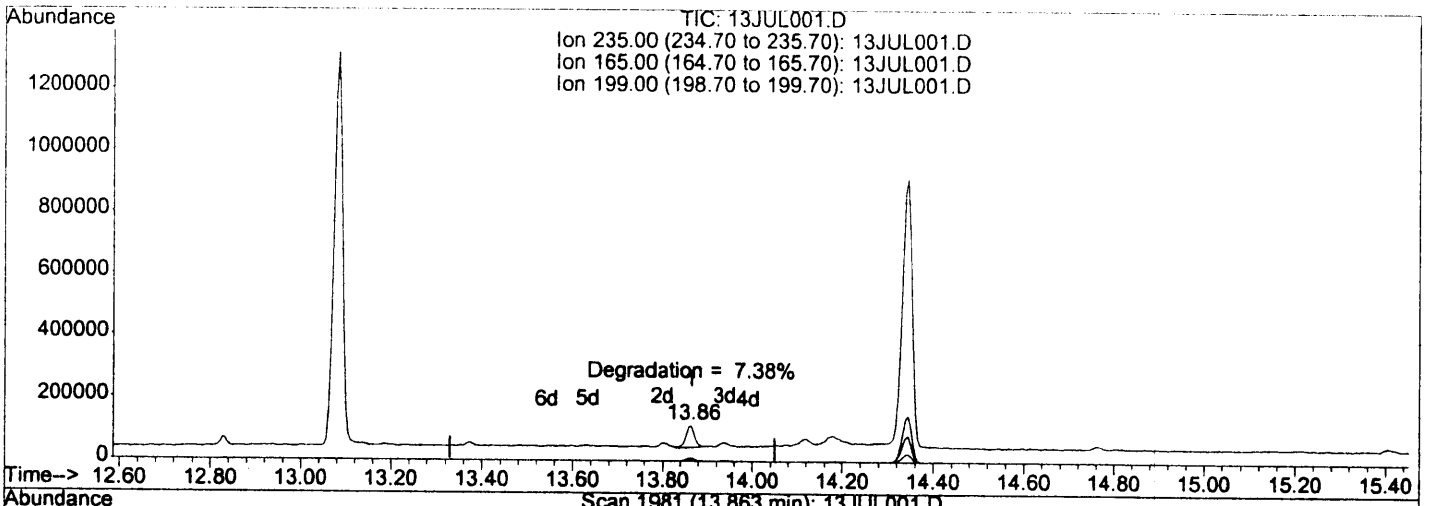
response 618134

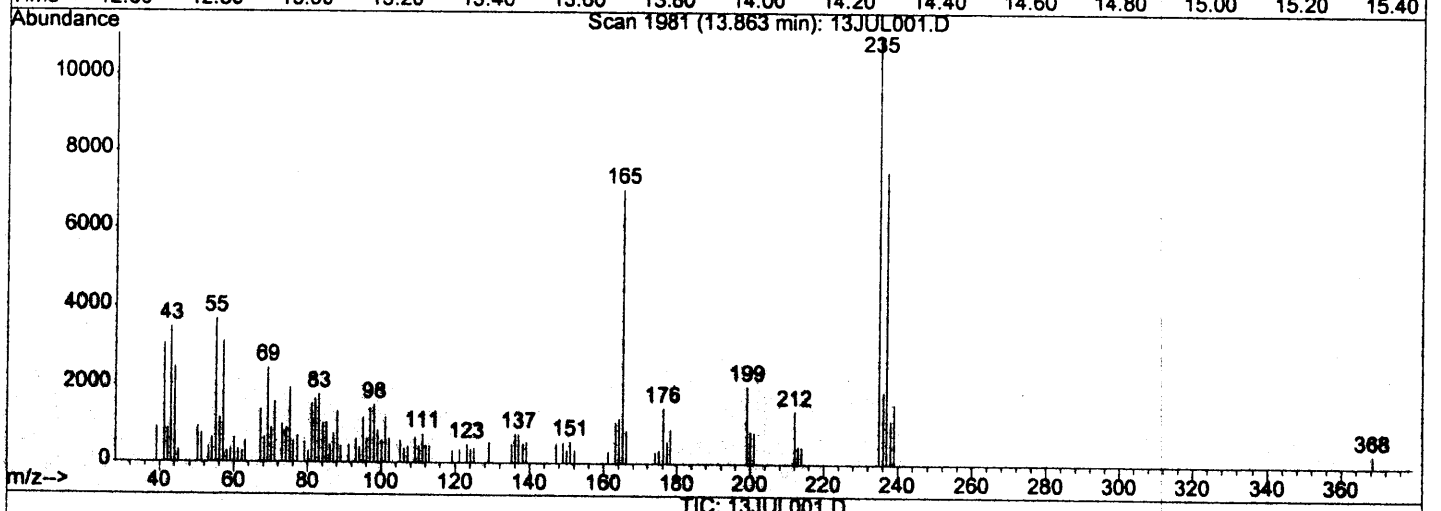
Ion	Exp%	Act%
184.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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

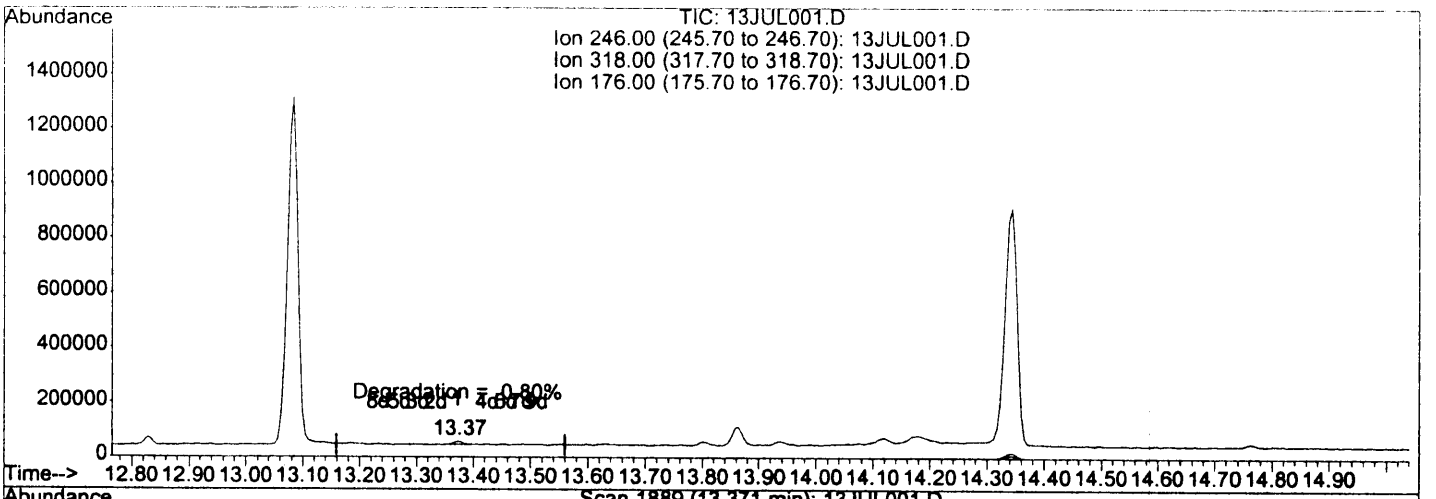
response 90696

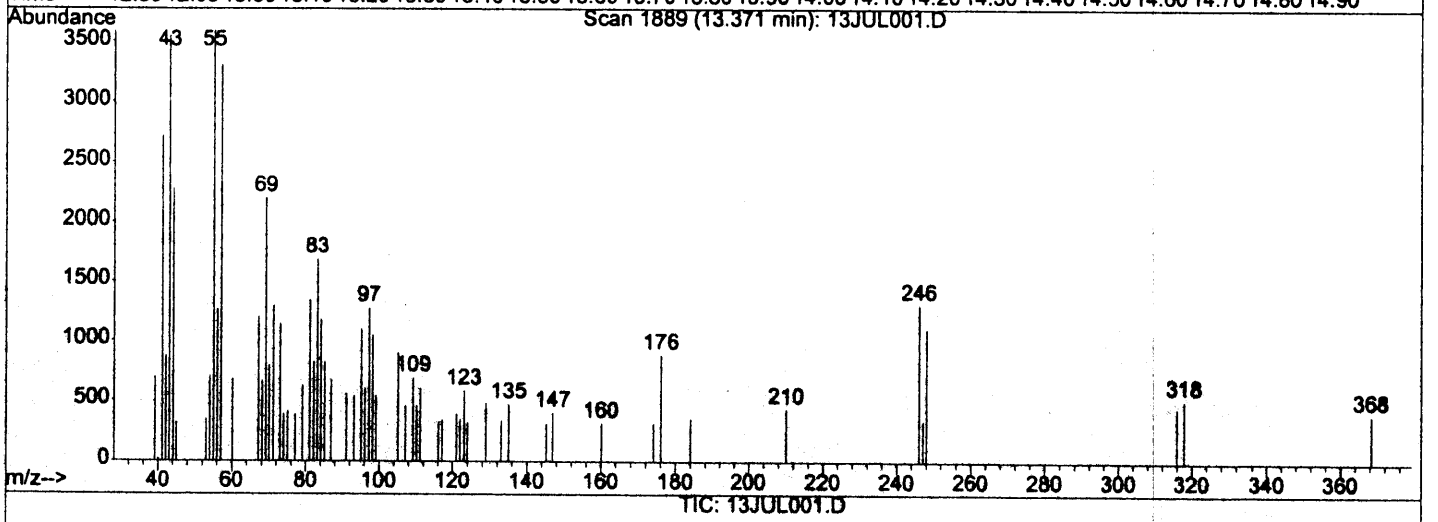
Signal	Exp%	Act%
TIC	100	100
235.00	100.00	16.03#
165.00	60.00	10.16#
199.00	13.00	3.01#

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





(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

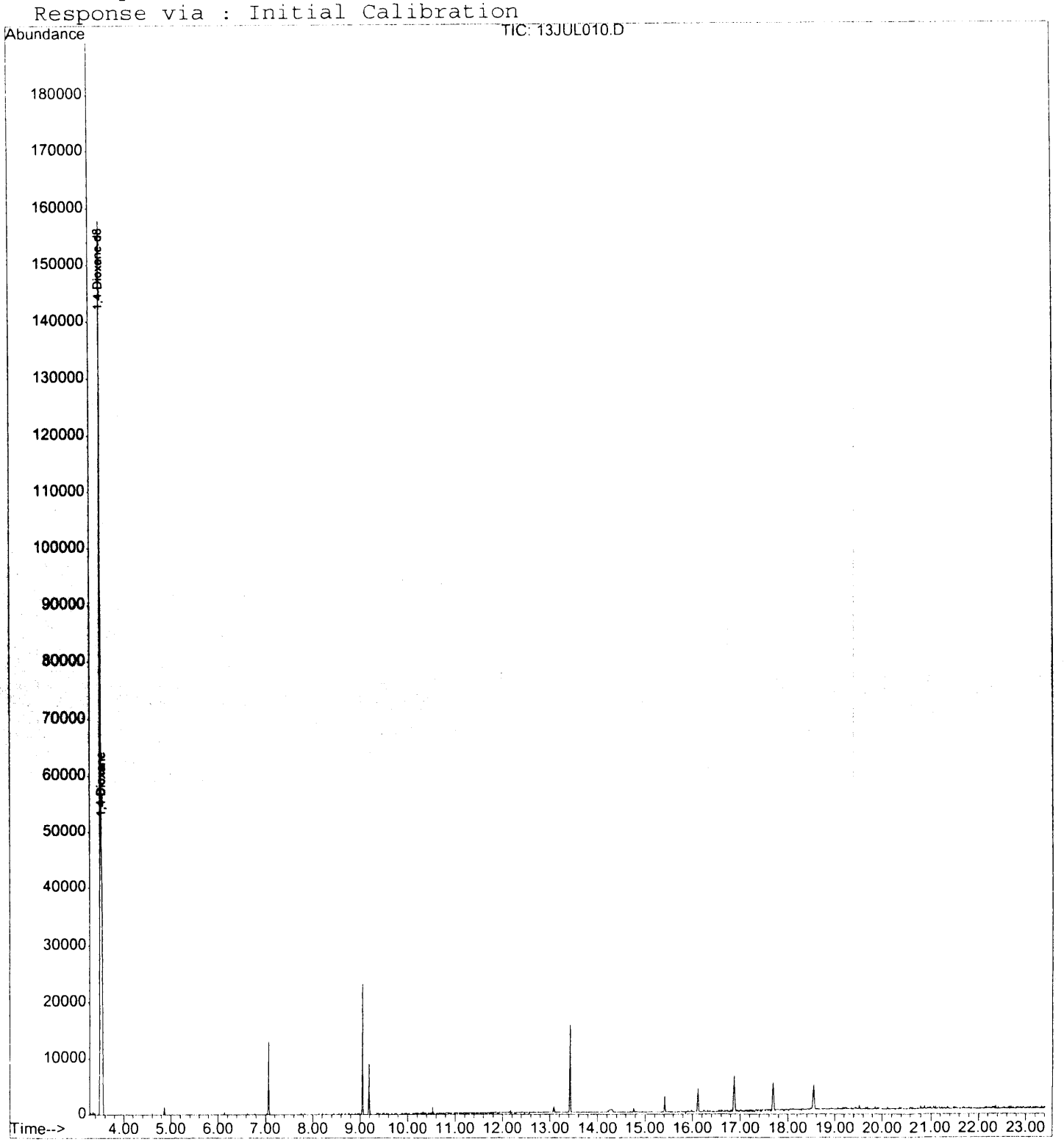
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	3.50	96	87531	40.00 mg/l	0.00
3) Naphthalene-d8	0.00	136	0	0.00 mg/l	-7.85
System Monitoring Compounds					
4) Nitrobenzene-d5	7.06	82	5474	0.00 mg/ml	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.53	88	2405	0.97 mg/l #	83

(#) = 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

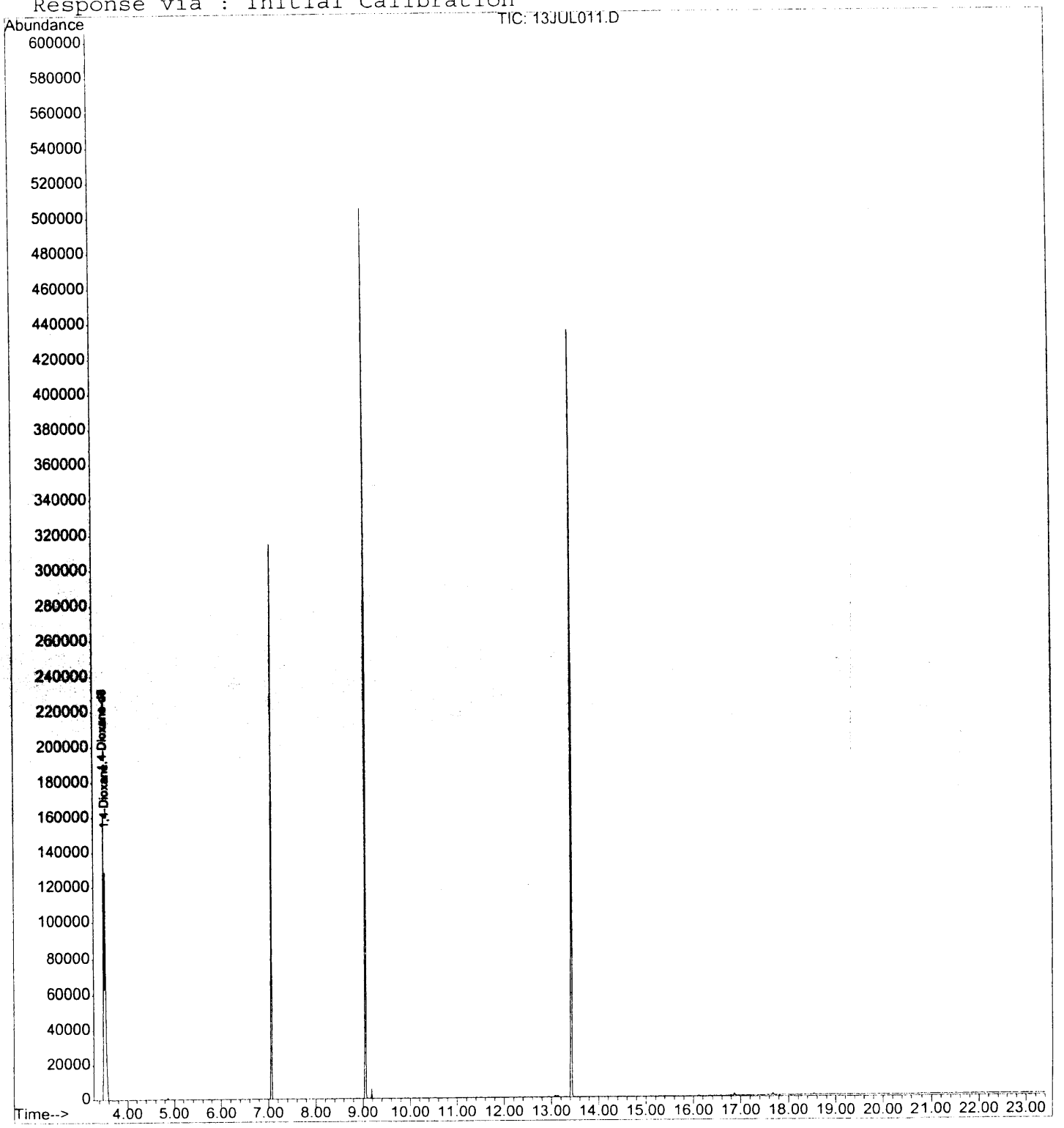
Quantitation Report (Not Reviewed)

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 Vial: 11
Acq On : 13 Jul 2006 4:07 pm Operator:
Sample : DIOX-80 S051706K Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 13 17:52:17 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

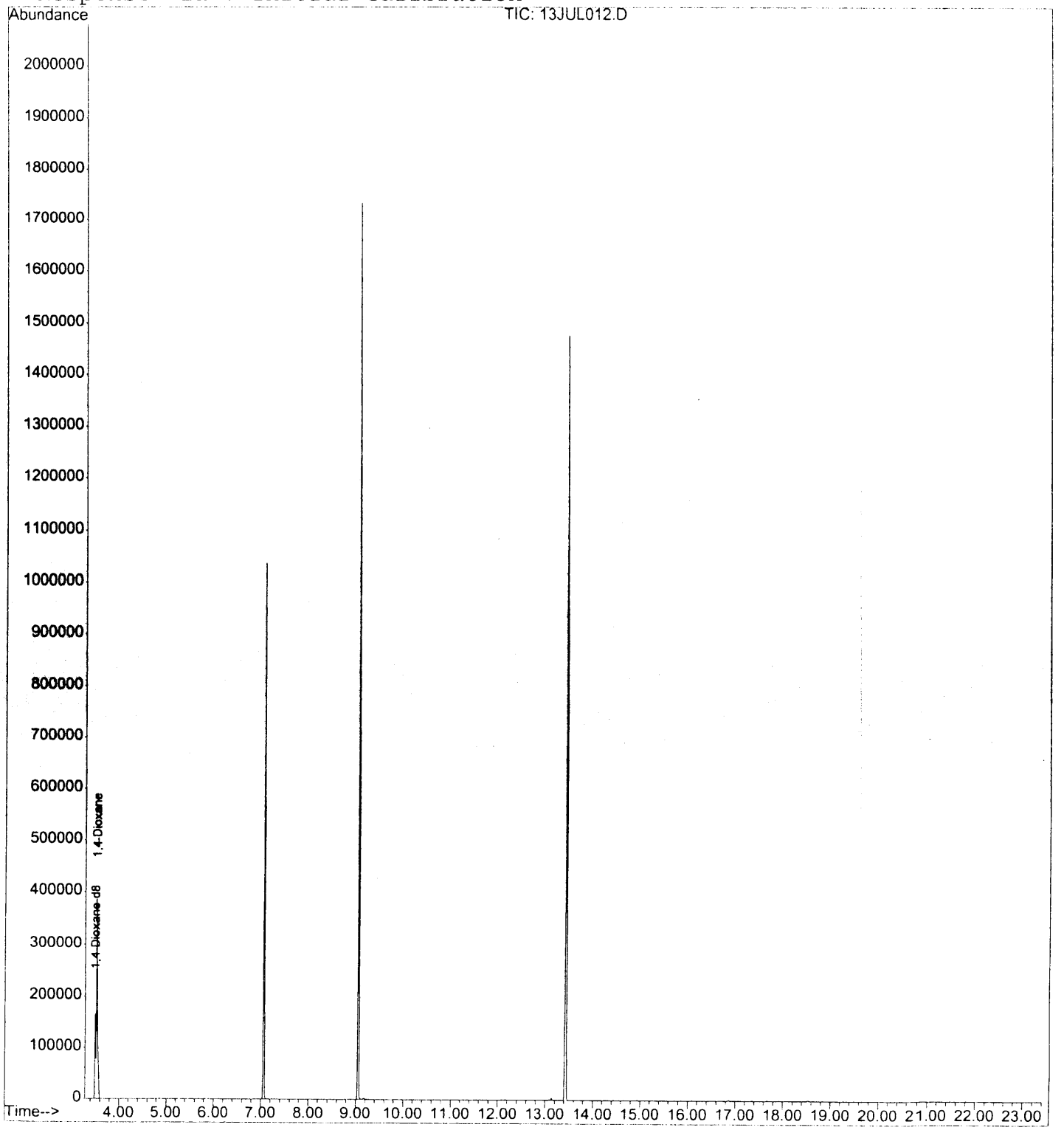
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	3.50	96	84982	40.00 mg/l	0.00
3) Naphthalene-d8	0.00	136	0	0.00 mg/l	-7.85
System Monitoring Compounds					
4) Nitrobenzene-d5	7.07	82	407782	0.00 mg/ml	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.53	88	195661	80.93 mg/l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

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

Quantitation Report (Not Reviewed)

Data File : D:\MSDCHEM\1\DATA\060713\13JUL012.D Vial: 11
Acq On : 13 Jul 2006 4:07 pm Operator:
Sample : DIOX-80 S051706K Inst : GCMS F
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\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

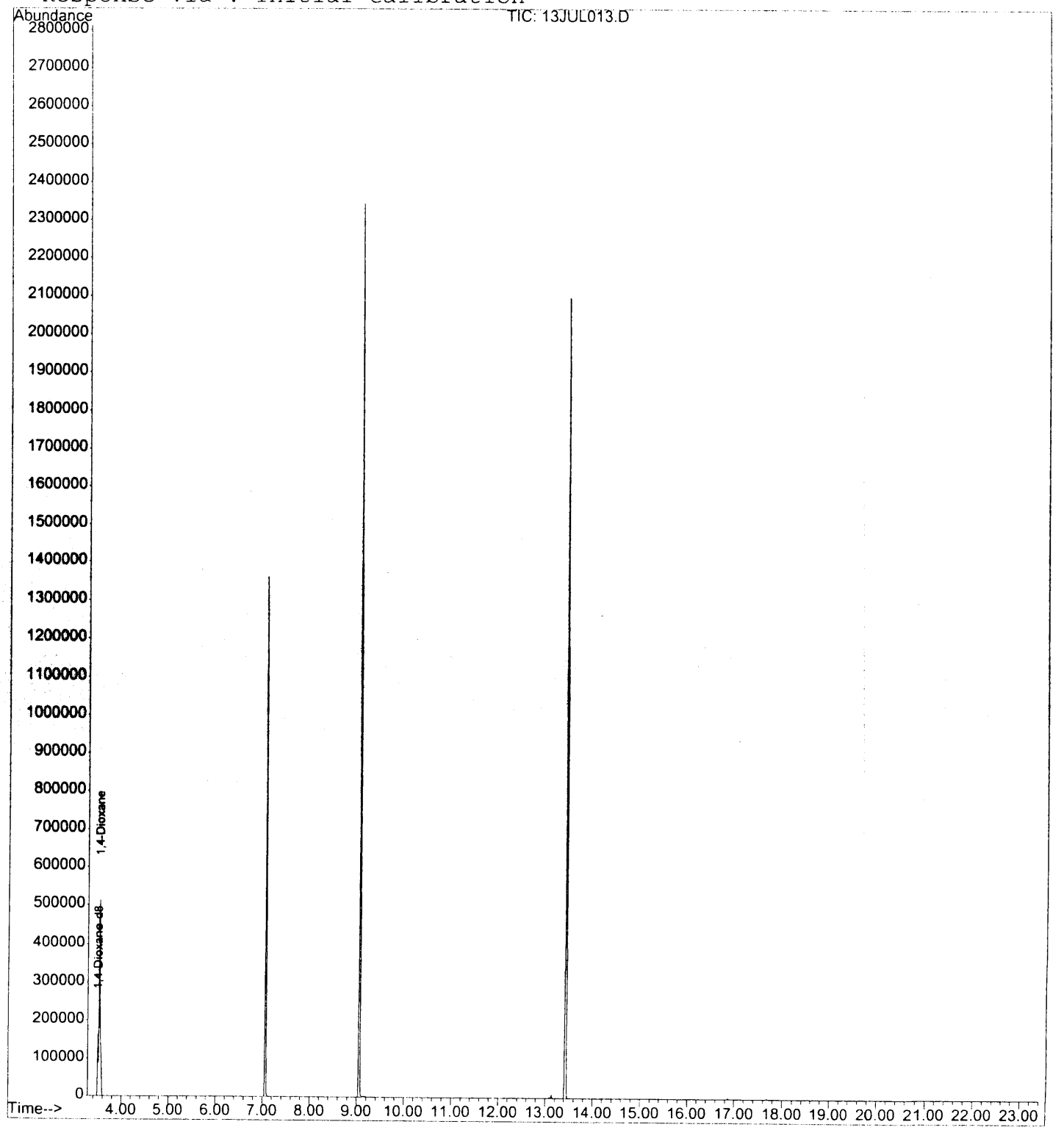
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	3.50	96	83823	40.00 mg/l	0.00
3) Naphthalene-d8	0.00	136	0	0.00 mg/l	-7.85
System Monitoring Compounds					
4) Nitrobenzene-d5	7.07	82	574005	0.00 mg/ml	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.53	88	282222	118.34 mg/l	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 Vial: 13
Acq On : 13 Jul 2006 5:10 pm Operator:
Sample : DIOX-160 S0517061 Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 13 17:52:23 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

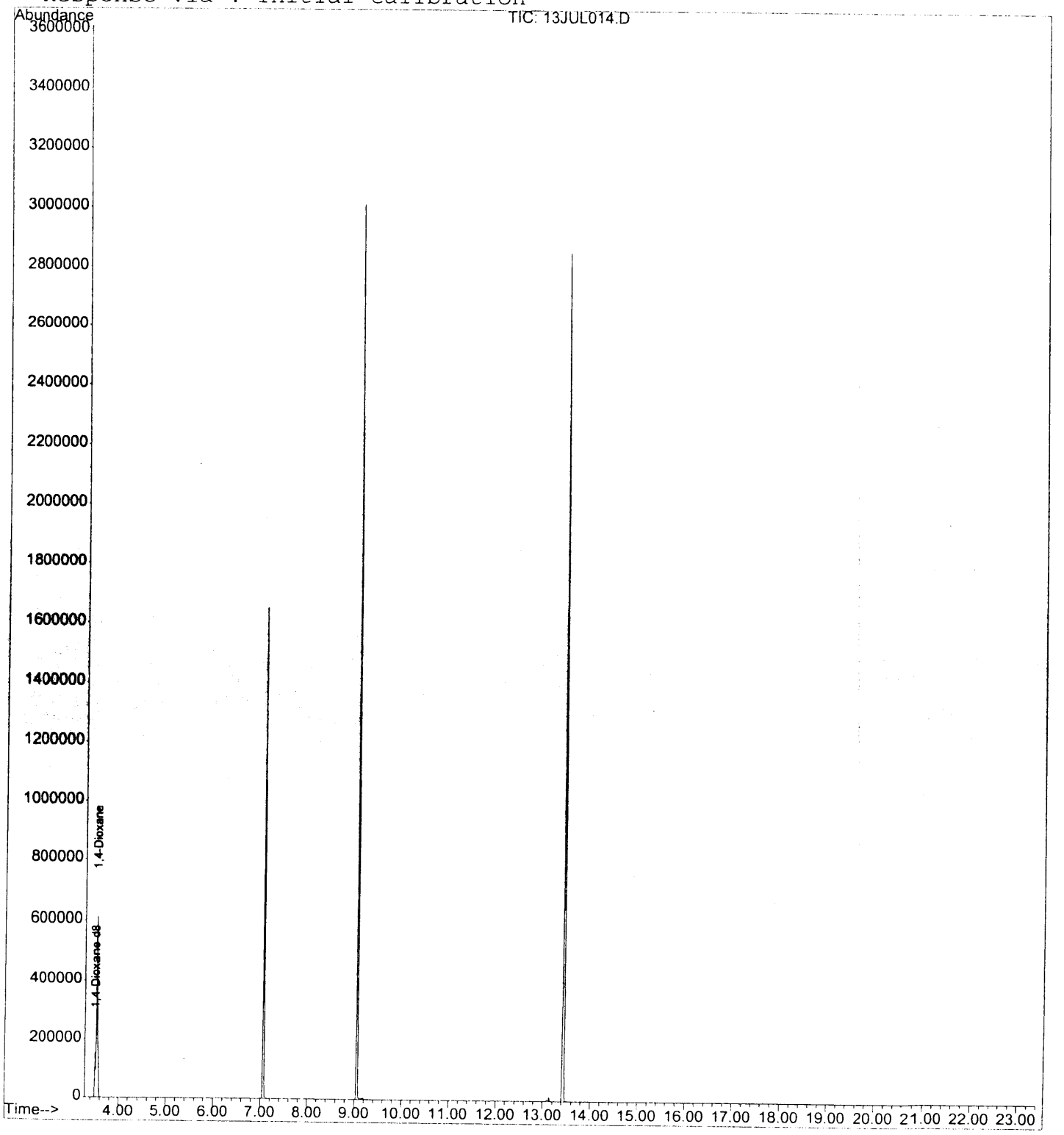
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	3.50	96	80821	40.00 mg/l	0.00
3) Naphthalene-d8	0.00	136	0	0.00 mg/l	-7.85
System Monitoring Compounds					
4) Nitrobenzene-d5	7.07	82	717103	0.00 mg/ml	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.53	88	349386	151.95 mg/l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

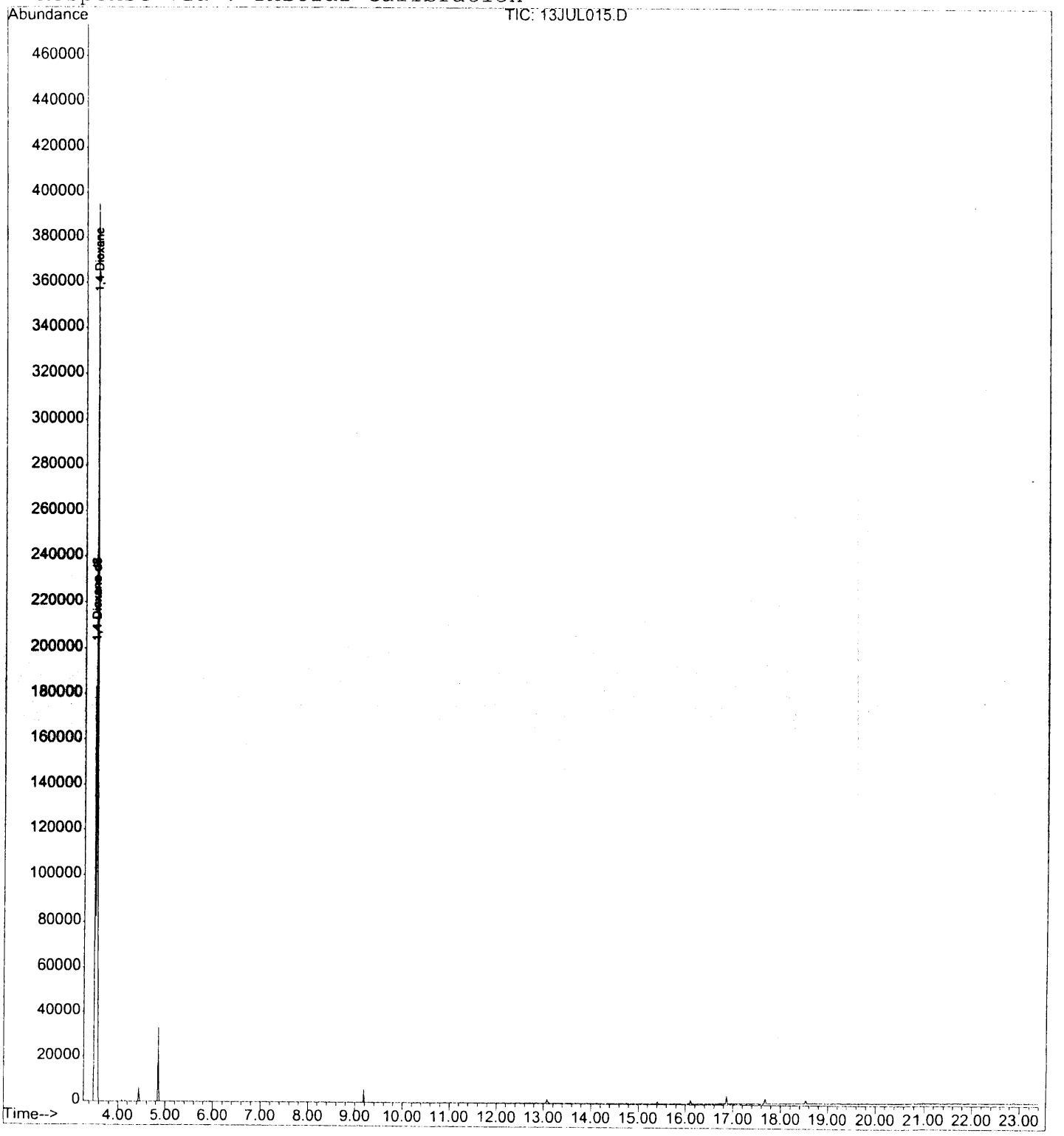
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	3.50	96	86822	40.00 mg/l	0.00
3) Naphthalene-d8	0.00	136	0	0.00 mg/l	-7.85
System Monitoring Compounds					
4) Nitrobenzene-d5	0.00	82	0	0.00 mg/ml	
Target Compounds					Qvalue
2) 1,4-Dioxane	3.54	88	195458	79.13 mg/l	99

(#) = 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

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 S	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					

wed by: _____ Date: ____/____/____

02/23/95 Revision

(MS/MSD) Spiked Sample ID Number:

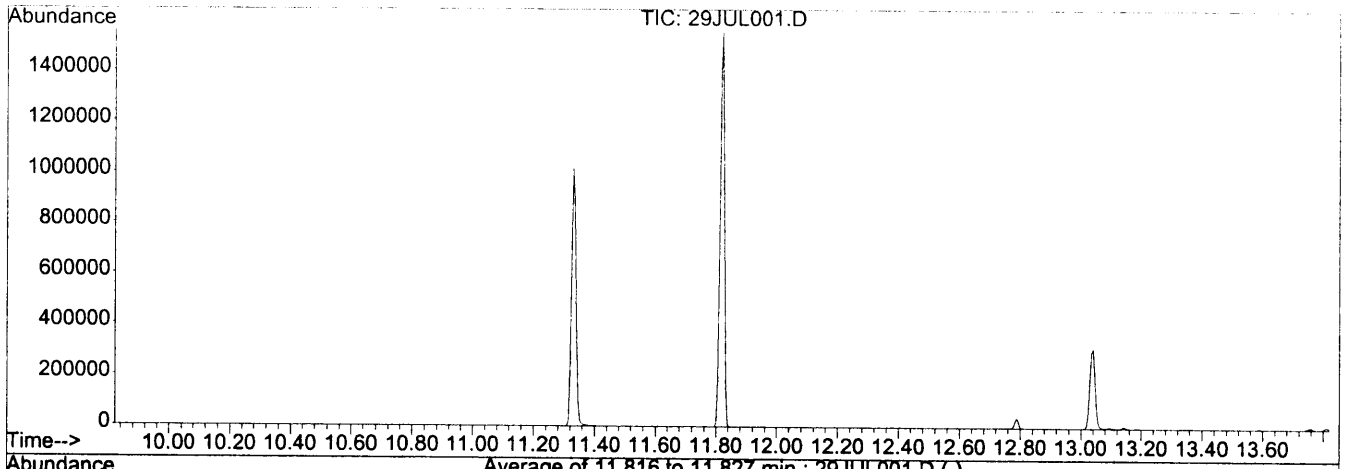
Work Order Number	(LCS/MB/SA) Batch Number	Surrogate Lot Number	Surrogate Conc (ppm)	Surrogate Volume (mL)	LCS Lot Number	LCS Conc (ppm)	LCS Volume (mL)	MS/MSD Acid Lot Number	MS/MSD Acid Conc (ppm)	MS/MSD Acid Volume (mL)	MS/MSD B/N Lot Number	MS/MSD B/N Conc (ppm)	MS/MSD B/N Volume (mL)	Who	Comment
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				0.25											
- - 1032-2 MSD				0.04											
- - 1074-2 MS				0.5							E0515 06F	1000	0.1		
- - 1074-2 MSD				0.08									0.1		
													0.2		
													0.2		

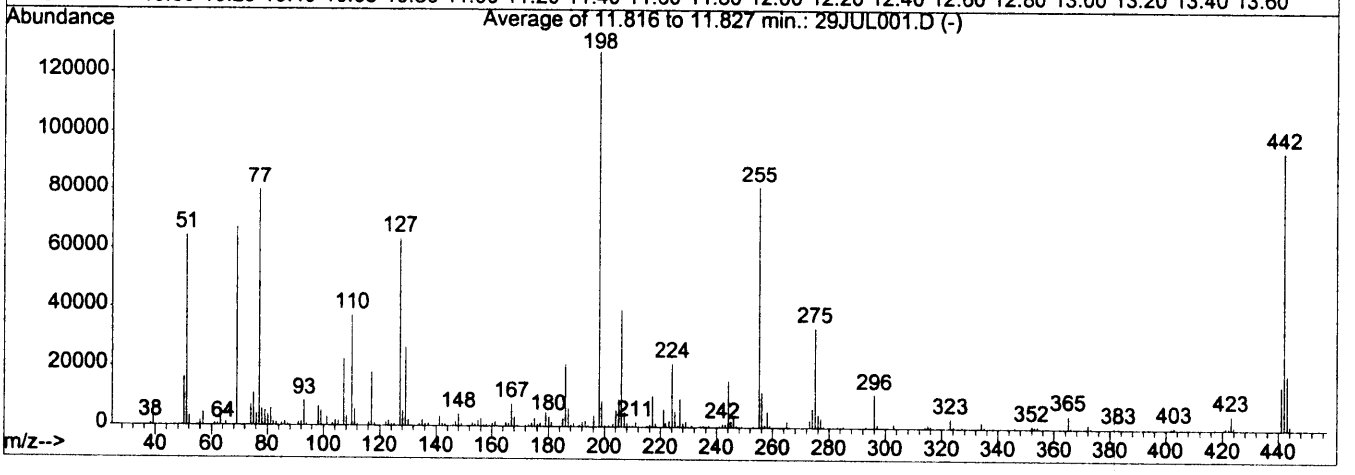
Reviewed by: _____ Date: ____ / ____ / ____

02/23/95 Revision

DFTPP

Data File : D:\MSDCHEM\1\DATA\060729\29JUL001.D Vial: 1
Acq On : 29 Jul 2006 1:15 pm 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 1598, 1599, 1600; 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	50.5	64341	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	52.6	67090	PASS
70	69	0.00	2	0.6	387	PASS
127	198	40	60	49.7	63373	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	127472	PASS
199	198	5	9	6.8	8721	PASS
275	198	10	30	26.3	33525	PASS
365	198	1	100	3.6	4599	PASS
441	443	0.01	100	79.9	14717	PASS
442	198	40	100	73.9	94226	PASS
443	442	17	23	19.5	18414	PASS

29JUL001.D DFTPP.M Mon Jul 31 09:34:50 2006

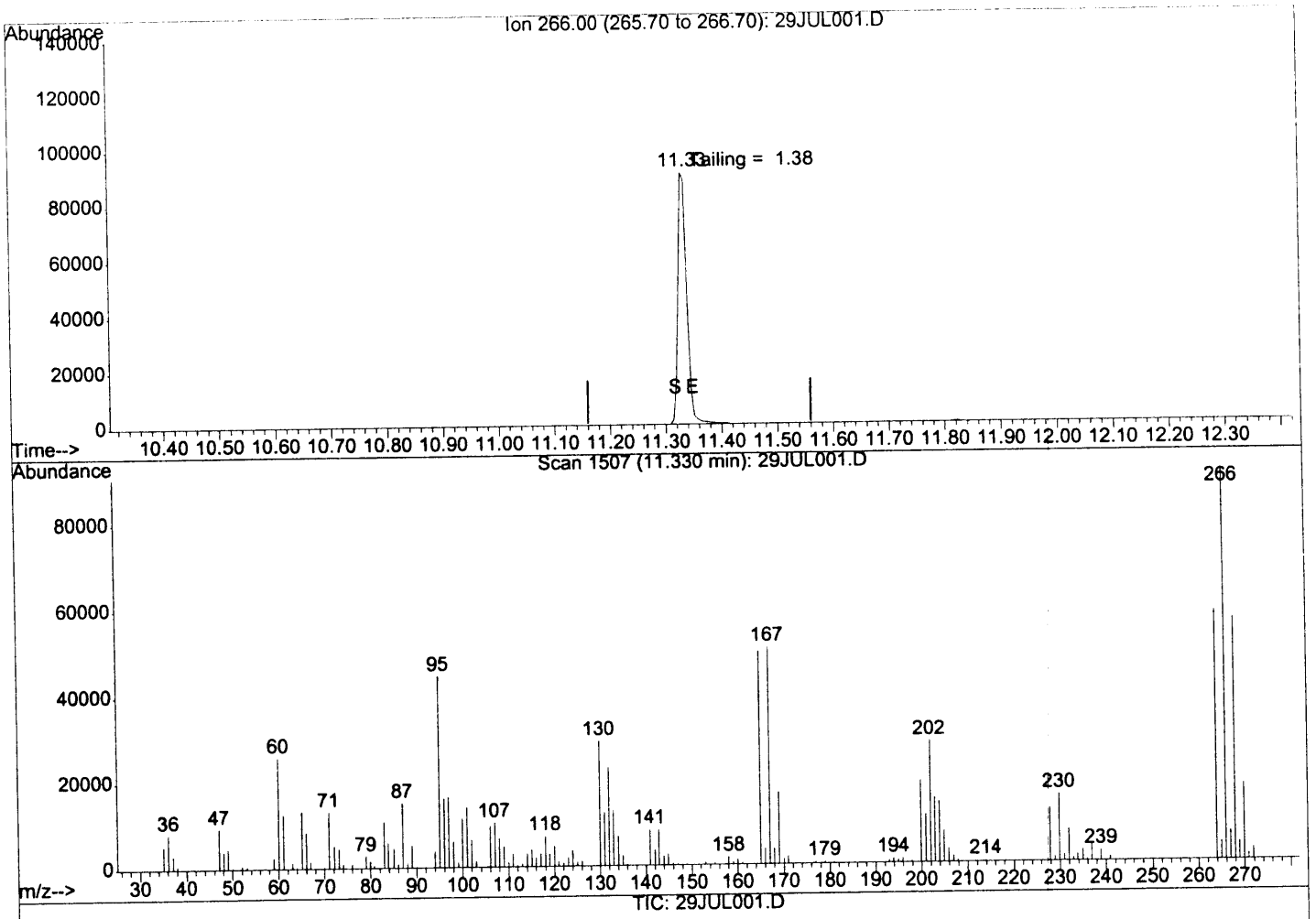
Quantitation Report (Qedit)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL001.D
Acq On : 29 Jul 2006 1:15 pm
Sample : DFTPP S030106A
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 29 13:46 2006

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

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 100548

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

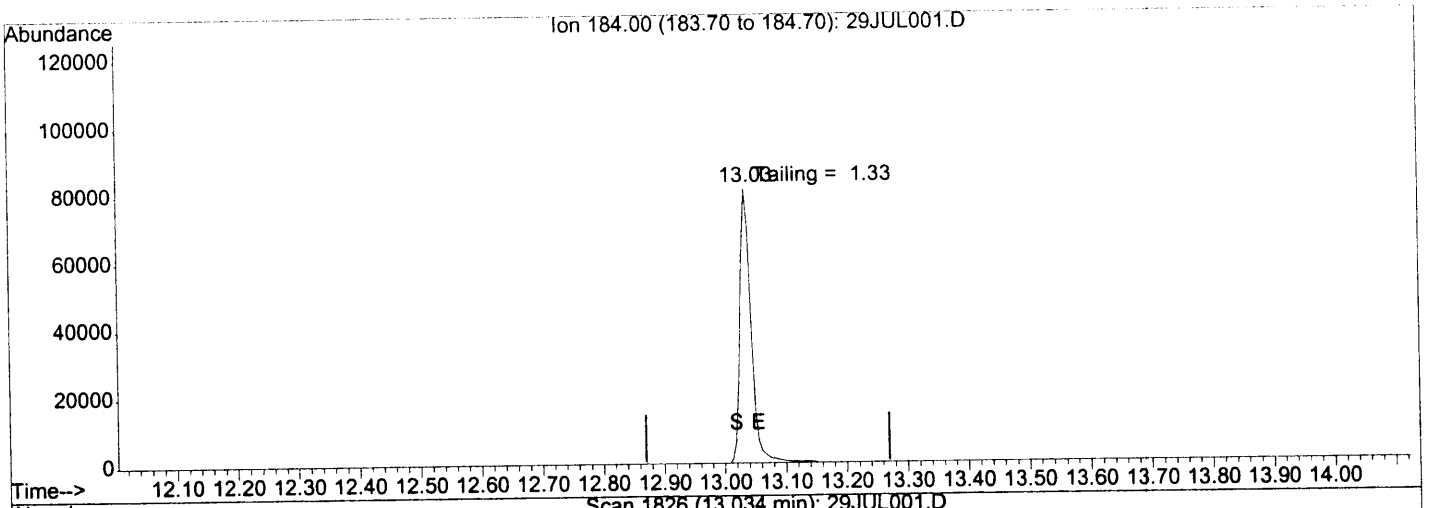
Quantitation Report (Qedit)

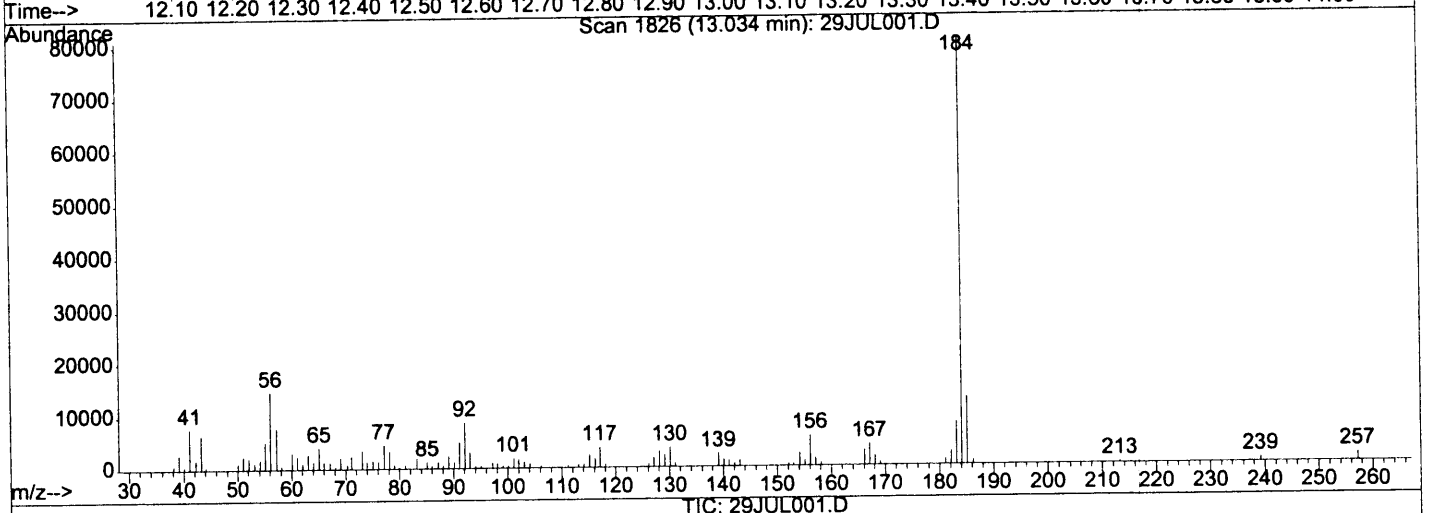
Data File : D:\MSDCHEM\1\DATA\060729\29JUL001.D
Acq On : 29 Jul 2006 1:15 pm
Sample : DFTPP S030106A
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 29 13:46 2006

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

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 100891

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

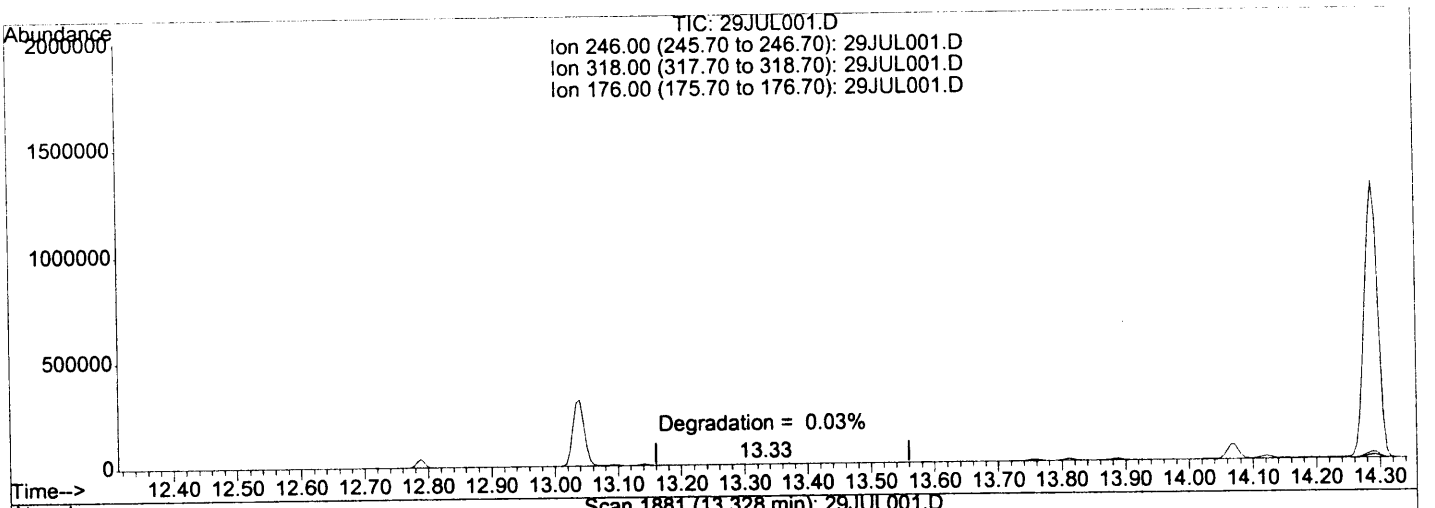
Quantitation Report (Qedit)

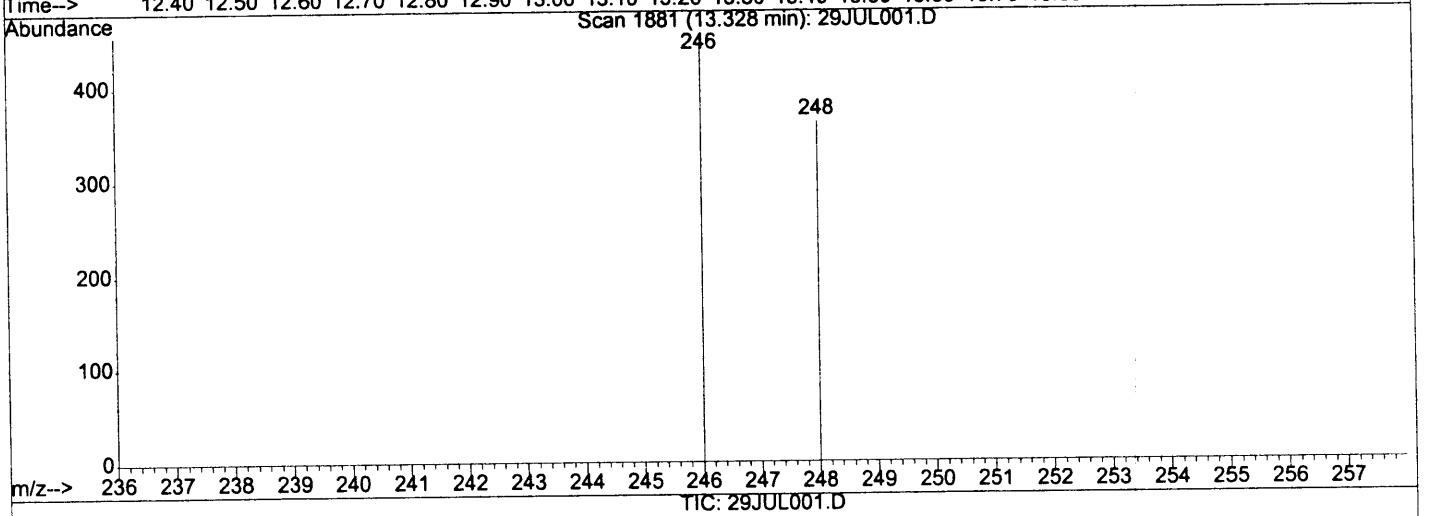
Data File : D:\MSDCHEM\1\DATA\060729\29JUL001.D
Acq On : 29 Jul 2006 1:15 pm
Sample : DFTPP S030106A
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 29 13:46 2006

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

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: 29JUL001.D

(6) DDE

13.33min 0.00

response 564

Signal	Exp%	Act%
TIC	100	100
246.00	70.00	79.43
318.00	65.00	0.00#
176.00	60.00	0.00#

Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL003.D
Acq On : 29 Jul 2006 2:18 pm
Sample : DIOX-80 S051706K
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 29 14:51:28 2006

Vial: 3
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	3.46	96	94332	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	501214	0.00 mg/ml	-0.04
Target Compounds					Qvalue
2) 1,4-Dioxane	3.49	88	224704	83.73 mg/l	92

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

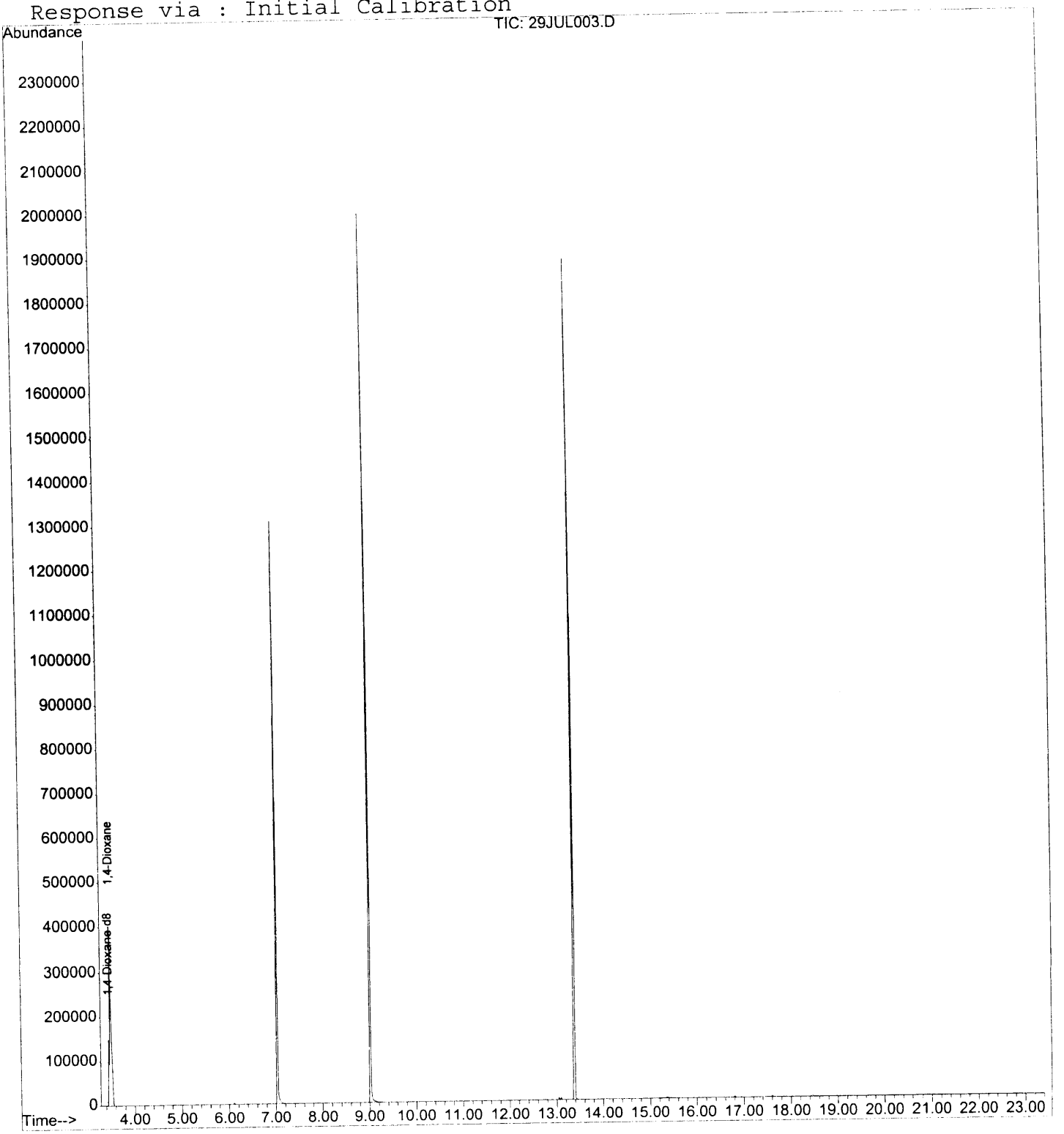
Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL003.D
Acq On : 29 Jul 2006 2:18 pm
Sample : DIOX-80 S051706K
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 29 14:51 2006

Vial: 3
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



Evaluate Continuing Calibration Report

Data File : D:\MSDCHEM\1\DATA\060729\29JUL003.D
Acq On : 29 Jul 2006 2:18 pm
Sample : DIOX-80 S051706K
Misc :
MS Integration Params: rteint.p

Vial: 3
Operator:
Inst : GCMS P
Multiplr: 1.00

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	111	-0.04
2		1,4-Dioxane	1.138	1.191	-4.7	115	-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#	138	-0.04

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

Quantitation Report (QT Reviewed)

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

Vial: 50
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	3.46	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

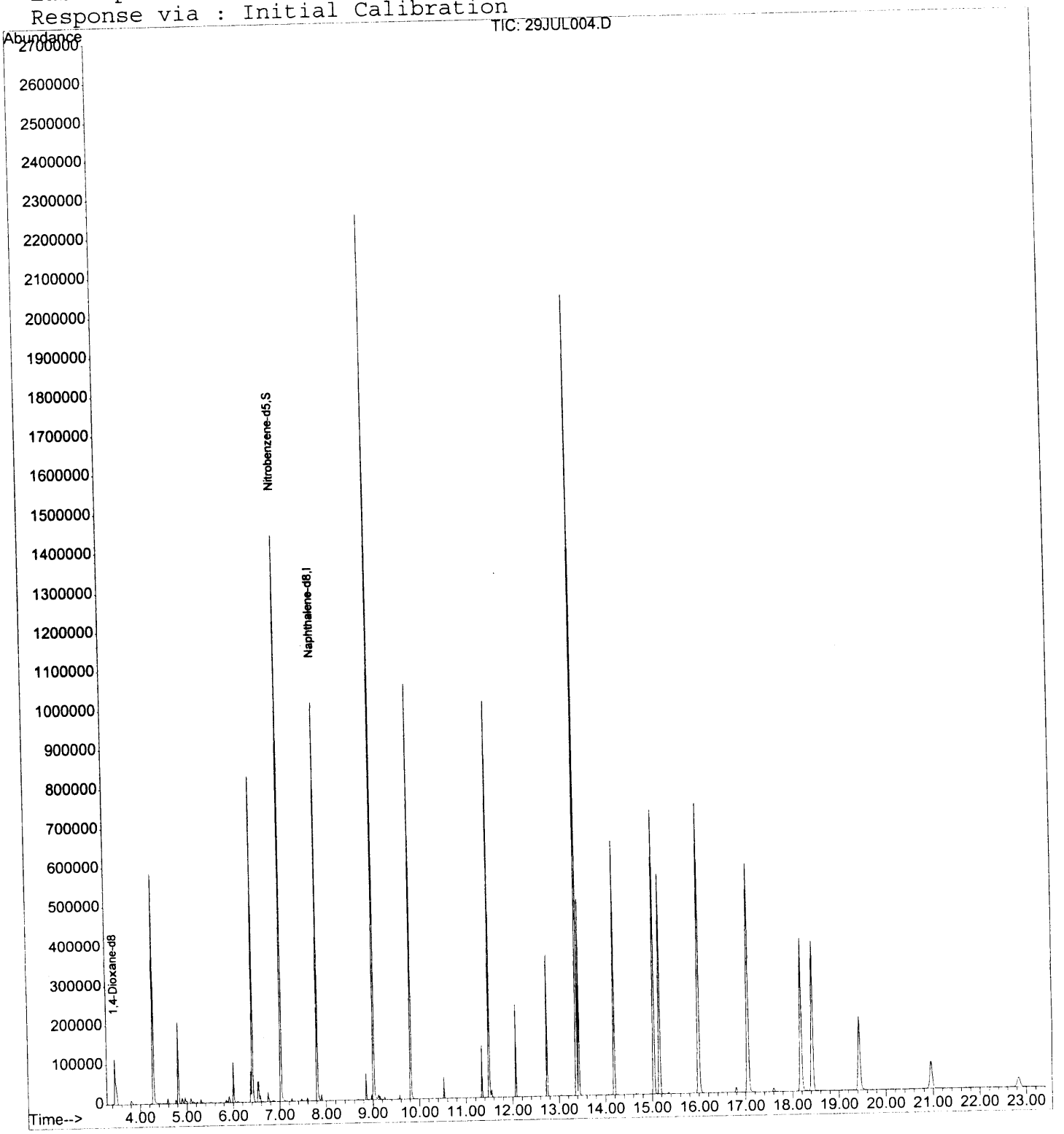
Quantitation Report (QT Reviewed)

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

Vial: 50
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 (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL005.D
Acq On : 29 Jul 2006 3:22 pm
Sample : DIOX LCS 060724-L02
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 09:38:04 2006

Vial: 51
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	3.46	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

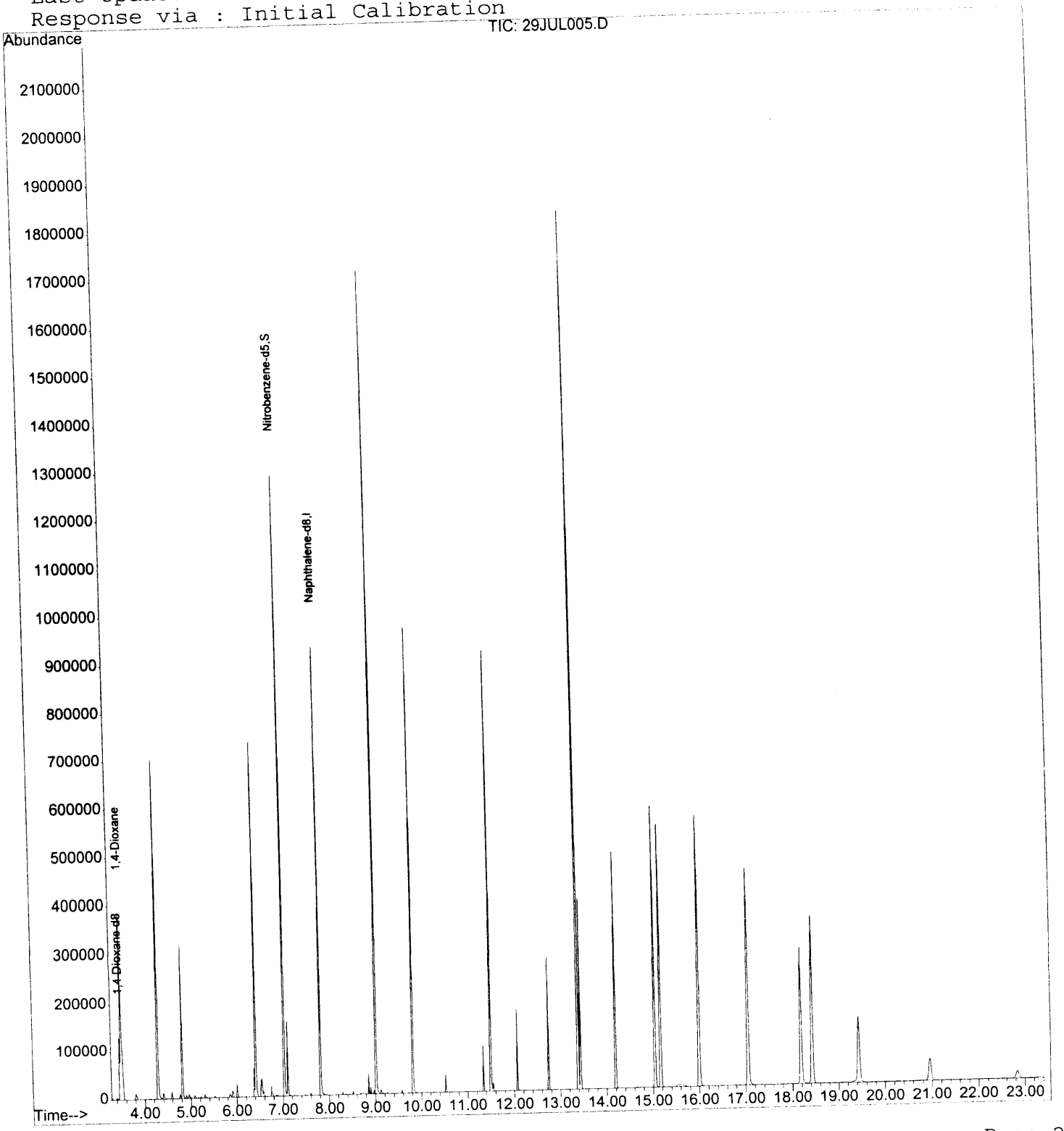
Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL005.D
Acq On : 29 Jul 2006 3:22 pm
Sample : DIOX LCS 060724-L02
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 9:38 2006

Vial: 51
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 (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL006.D
Acq On : 29 Jul 2006 3:53 pm
Sample : DIOX LCSD 060724-L02
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 09:38:10 2006

Vial: 52
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	3.46	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

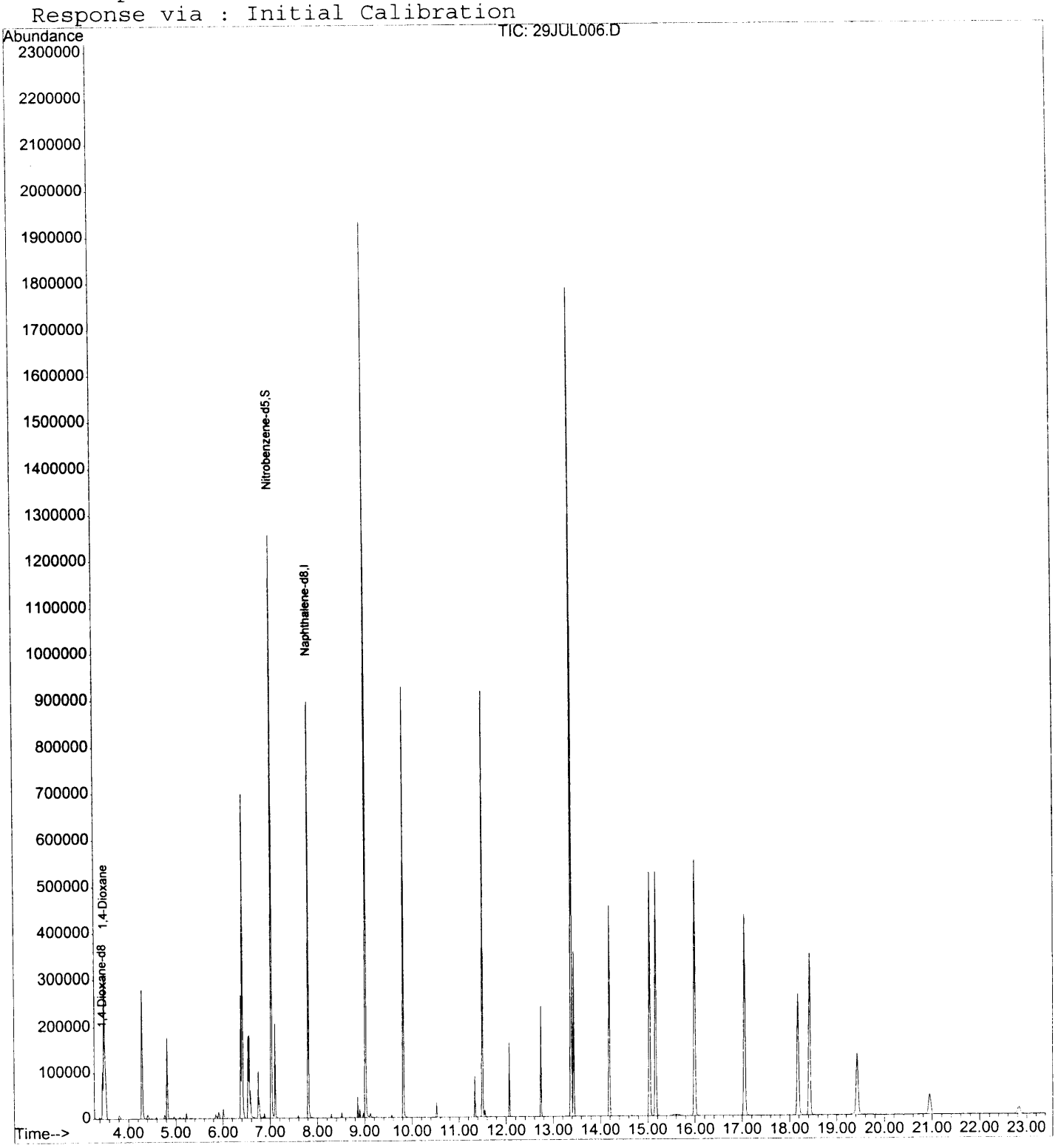
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL006.D
Acq On : 29 Jul 2006 3:53 pm
Sample : DIOX LCSD 060724-L02
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 9:38 2006

Vial: 52
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 (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL007.D Vial: 53
Acq On : 29 Jul 2006 4:25 pm Operator:
Sample : 07-1072-1 Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 09:54:39 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

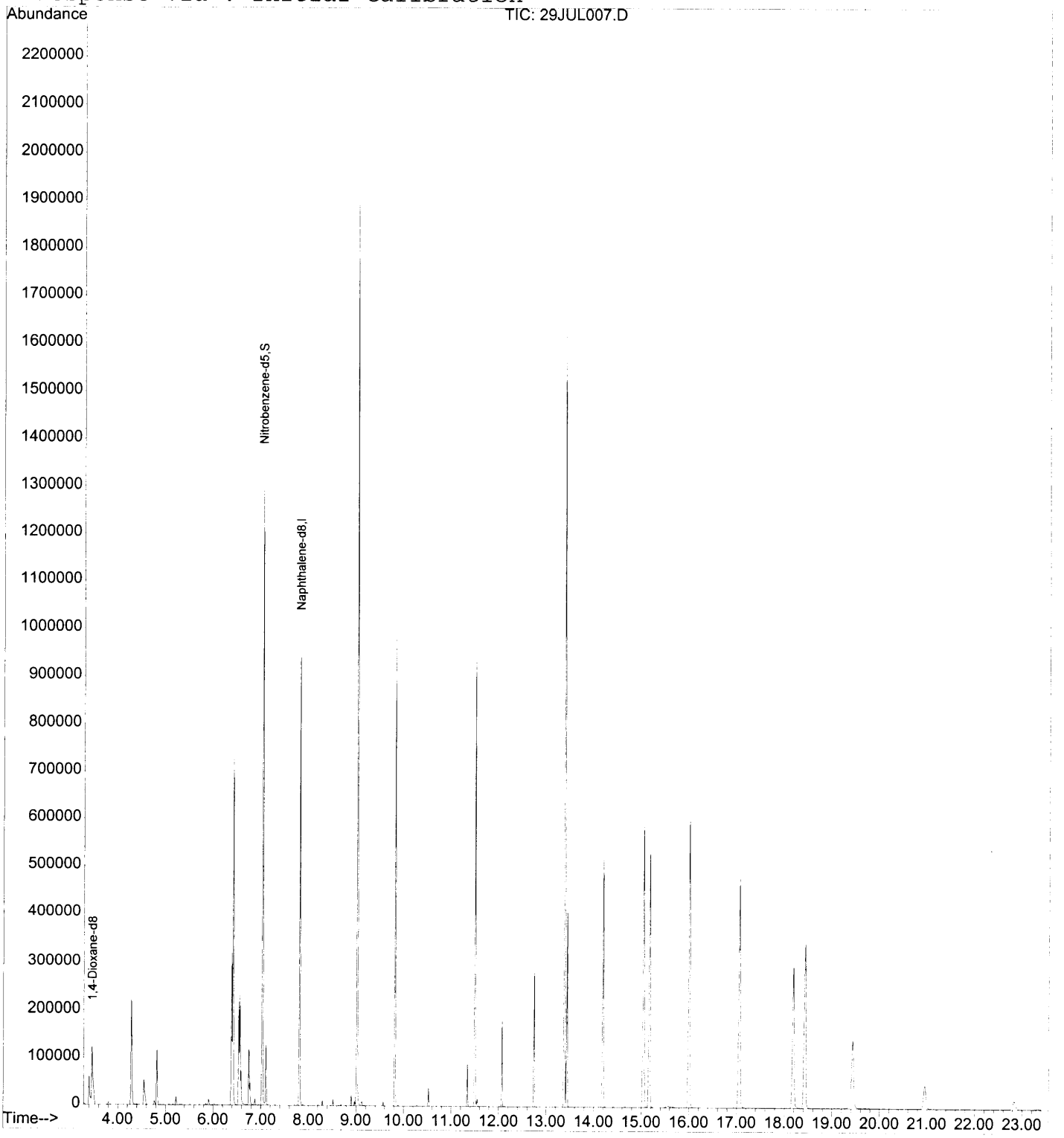
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dioxane-d8	3.46	96	73039	40.00 mg/l	-0.04
3) Naphthalene-d8	7.81	136	411282	40.00 mg/l	-0.04
System Monitoring Compounds					
4) Nitrobenzene-d5	7.03	82	484459	86.88 mg/ml	-0.04
Target Compounds					Qvalue
2) 1,4-Dioxane	3.49	88	210	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL007.D Vial: 53
Acq On : 29 Jul 2006 4:25 pm Operator:
Sample : 07-1072-1 Inst : GCMS P
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 9:54 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\29JUL008.D
Acq On : 29 Jul 2006 4:57 pm
Sample : 07-1072-2
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 09:54:41 2006

Vial: 54
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	3.46	96	69726	40.00 mg/l	-0.04
3) Naphthalene-d8	7.81	136	399903	40.00 mg/l	-0.04
System Monitoring Compounds					
4) Nitrobenzene-d5	7.03	82	480953	88.70 mg/ml	-0.04
Target Compounds					Qvalue
2) 1,4-Dioxane	3.49	88	125	N.D.	

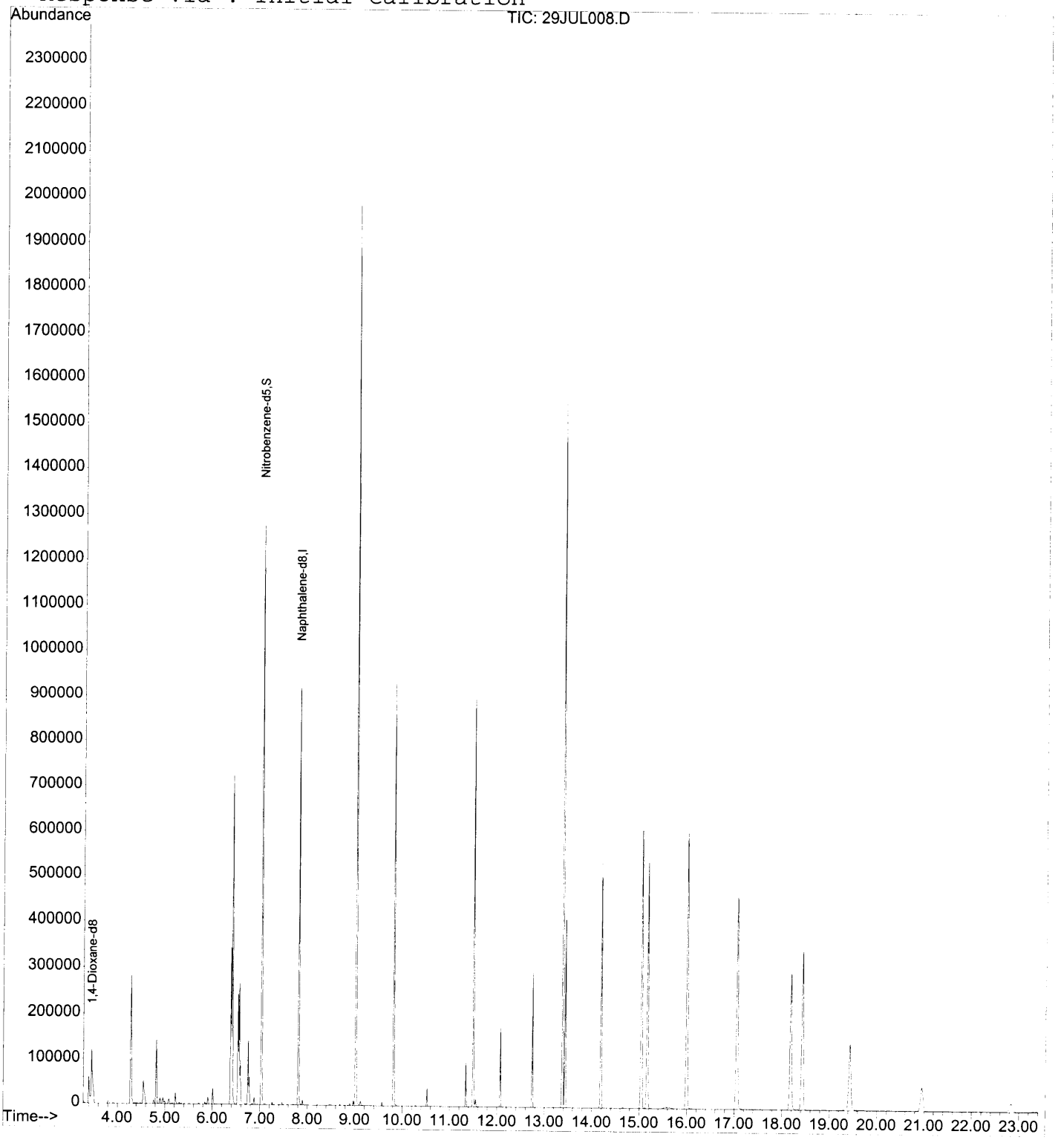
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : D:\MSDCHEM\1\DATA\060729\29JUL008.D
Acq On : 29 Jul 2006 4:57 pm
Sample : 07-1072-2
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 9:54 2006

Vial: 54
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



Calscience
Environmental
Laboratories, Inc.

NDMA by EPA 1625C(M)

Camp Dresser & McKee

CEL W.O. 06-07-1072

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

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060720\20JUL001.D Vial: 1
Acq On : 20 Jul 2006 5:27 pm Operator: SK
Sample : NDMA 20 PPB S061606G Inst : GCMS_H
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 21 08:30:38 2006 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

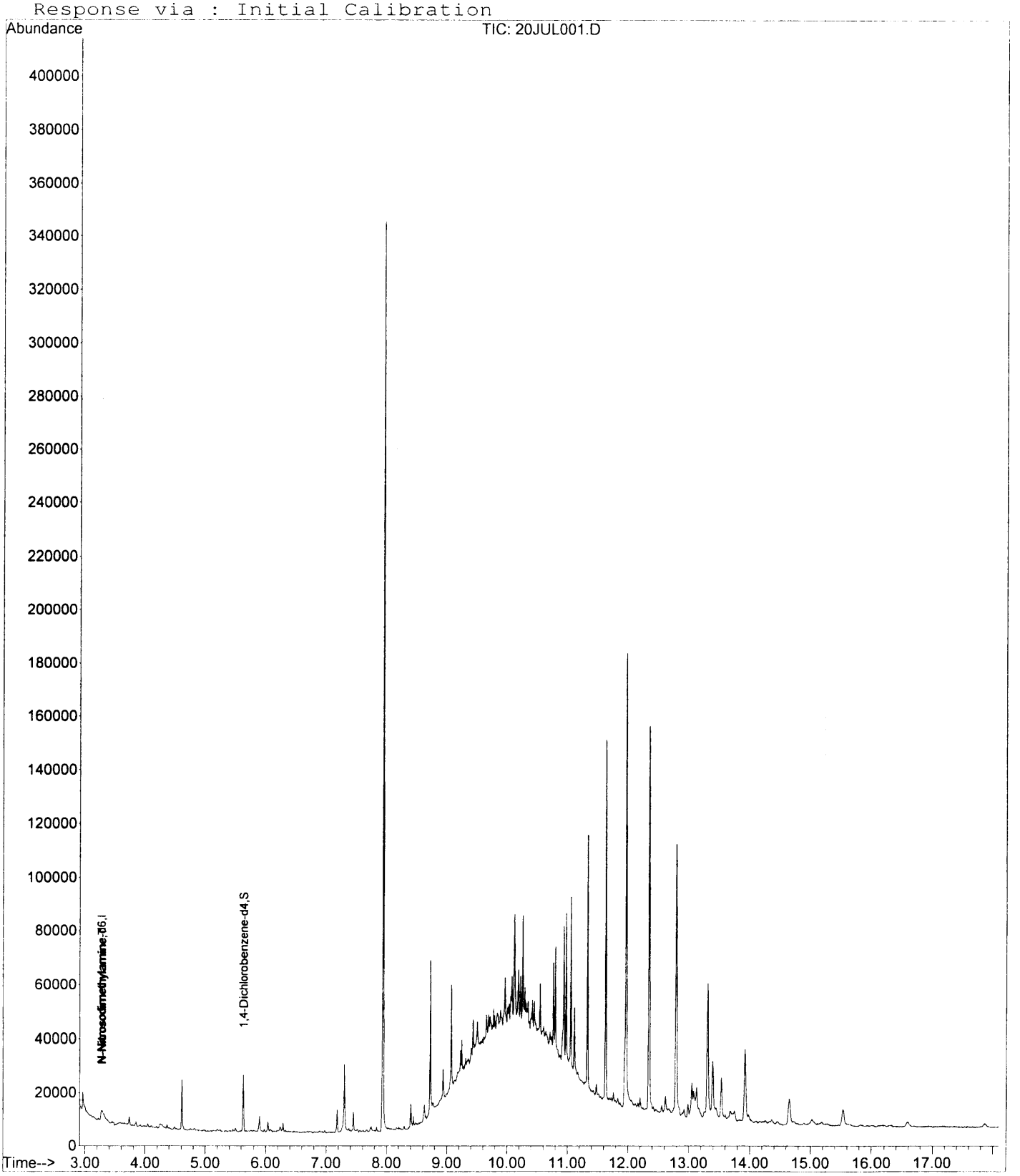
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.27	80	3648m	20.00	ug/l	0.00
System Monitoring Compounds						
3) 1,4-Dichlorobenzene-d4	5.63	150	11164	23.99	ug/l	0.00
Spiked Amount 20.000			Recovery	=	119.95%	
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.29	74	3728m	21.33	ug/l	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060720\20JUL001.D Vial: 1
Acq On : 20 Jul 2006 5:27 pm Operator: SK
Sample : NDMA 20 PPB S061606G Inst : GCMS_H
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 21 8:31 2006 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	

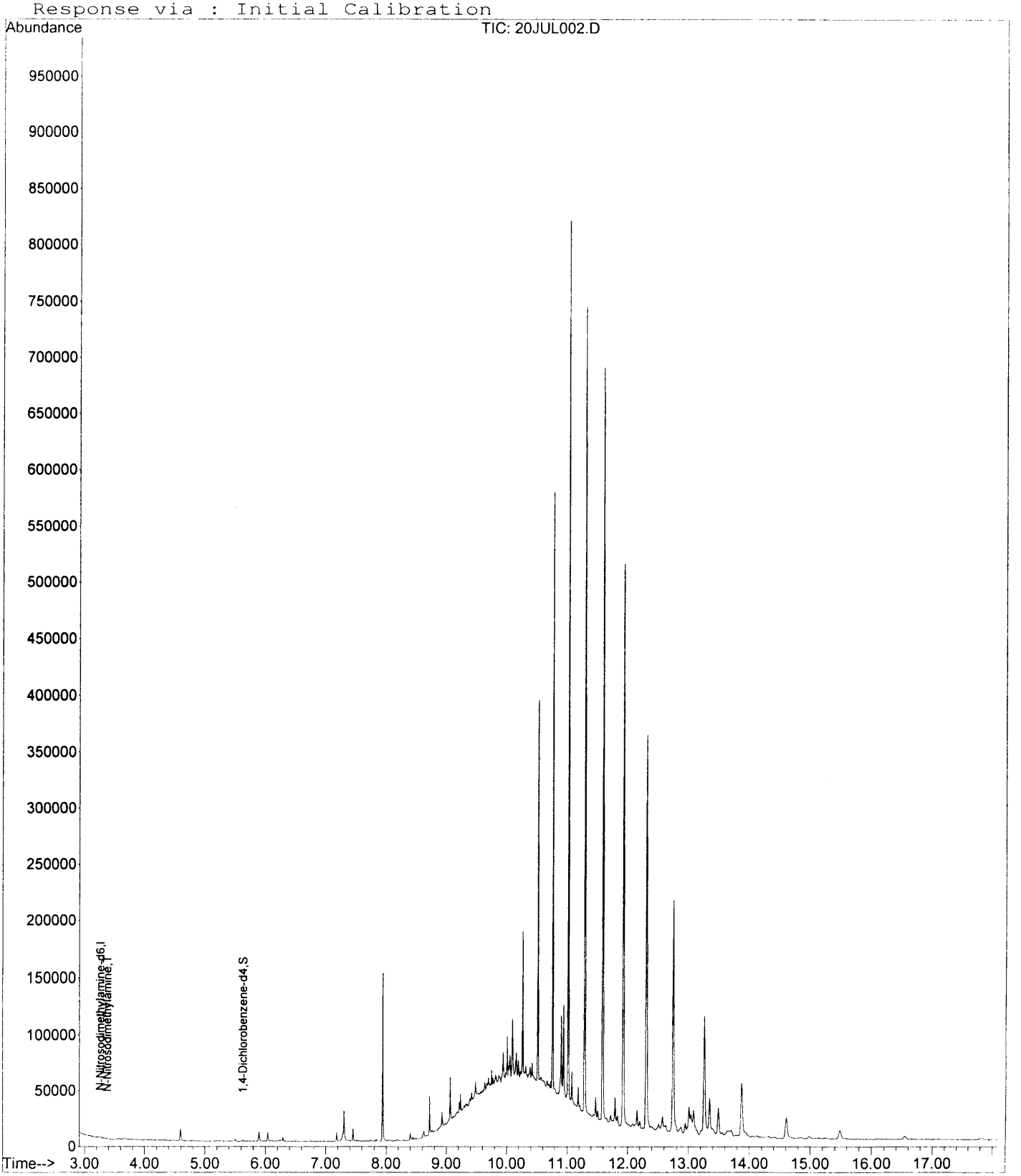
(#) = qualifier out of range (m) = manual integration

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_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\20JUL003.D Vial: 3
Acq On : 20 Jul 2006 6:19 pm Operator: SK
Sample : NDMA 10 PPB S061606H Inst : GCMS_H
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 21 08:32:36 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

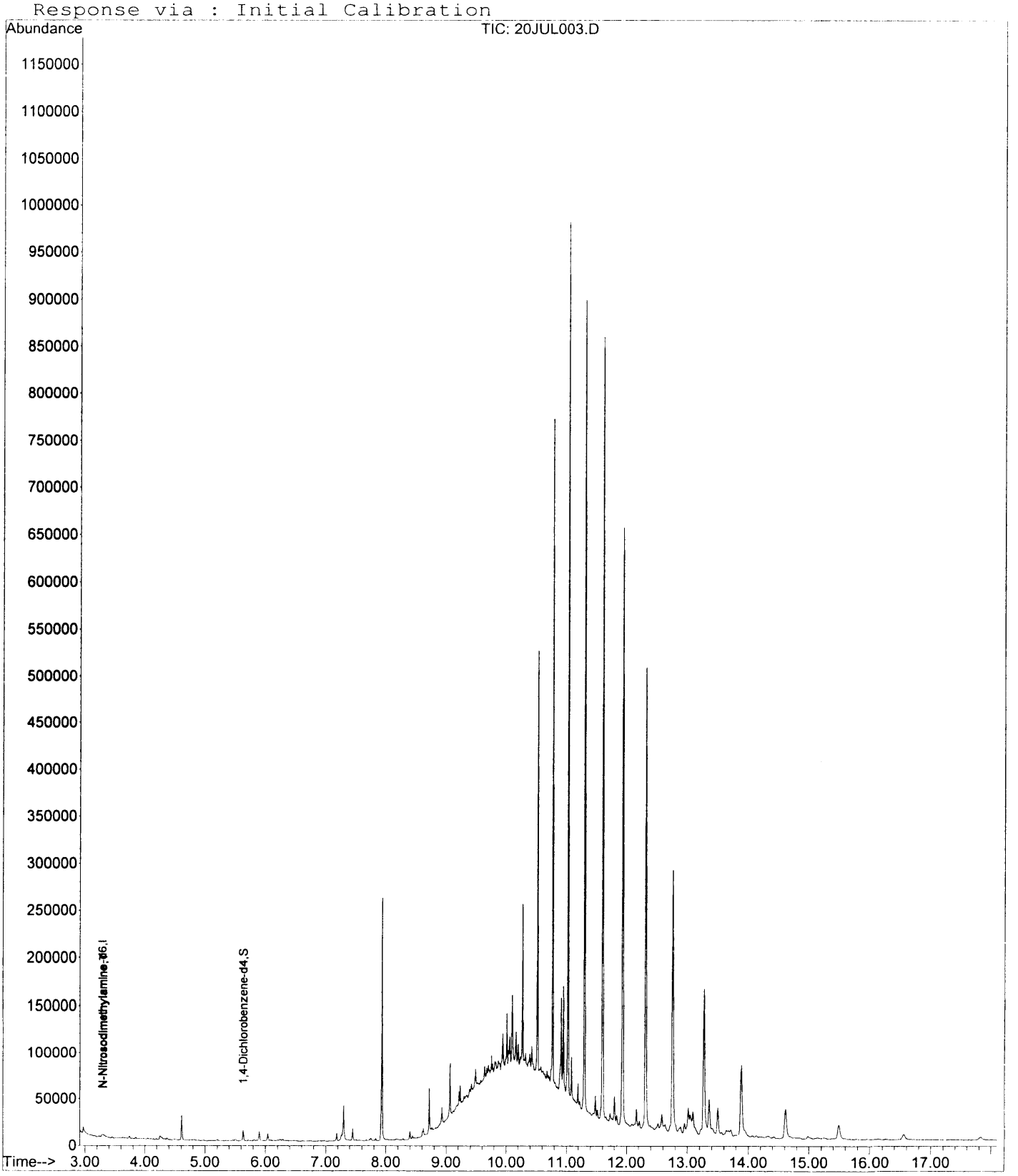
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.28	80	3335m	20.00	ug/l	0.01
System Monitoring Compounds						
3) 1,4-Dichlorobenzene-d4	5.63	150	5708m	13.42	ug/l	0.00
Spiked Amount 20.000			Recovery	=	67.10%	
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	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 Vial: 3
Acq On : 20 Jul 2006 6:19 pm Operator: SK
Sample : NDMA 10 PPB S061606H Inst : GCMS_H
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 21 8:59 2006 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\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 08:33:28 2006

Vial: 4
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

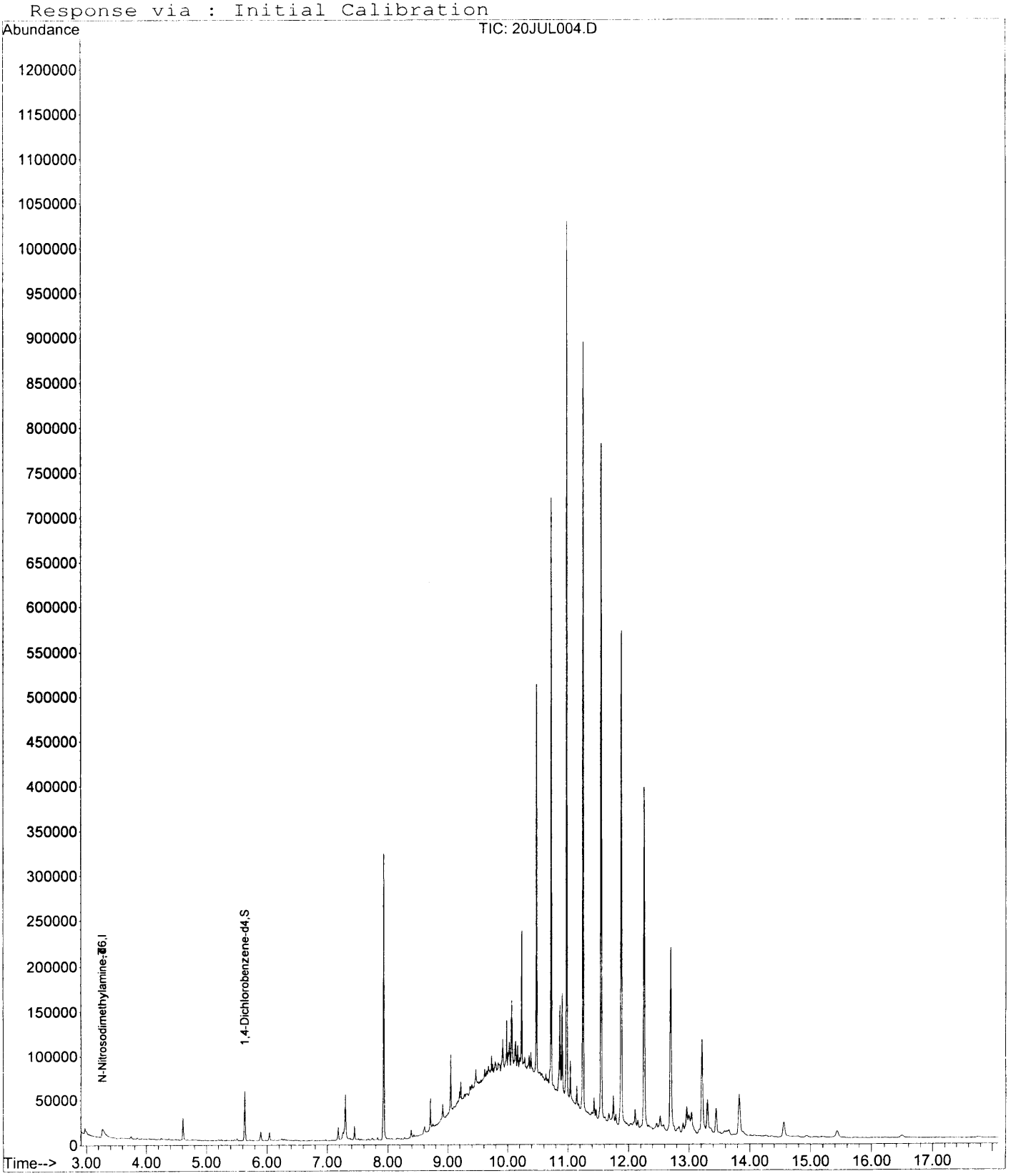
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.26	80	4411m	20.00	ug/l	0.00
System Monitoring Compounds						
3) 1,4-Dichlorobenzene-d4	5.63	150	28870m	51.32	ug/l	0.00
Spiked Amount 20.000			Recovery	=	256.60%	
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	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 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 8:55 2006 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 Vial: 5
Acq On : 20 Jul 2006 7:12 pm Operator: SK
Sample : NDMA 100 PPB S061606E Inst : GCMS_II
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 21 08:33:44 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

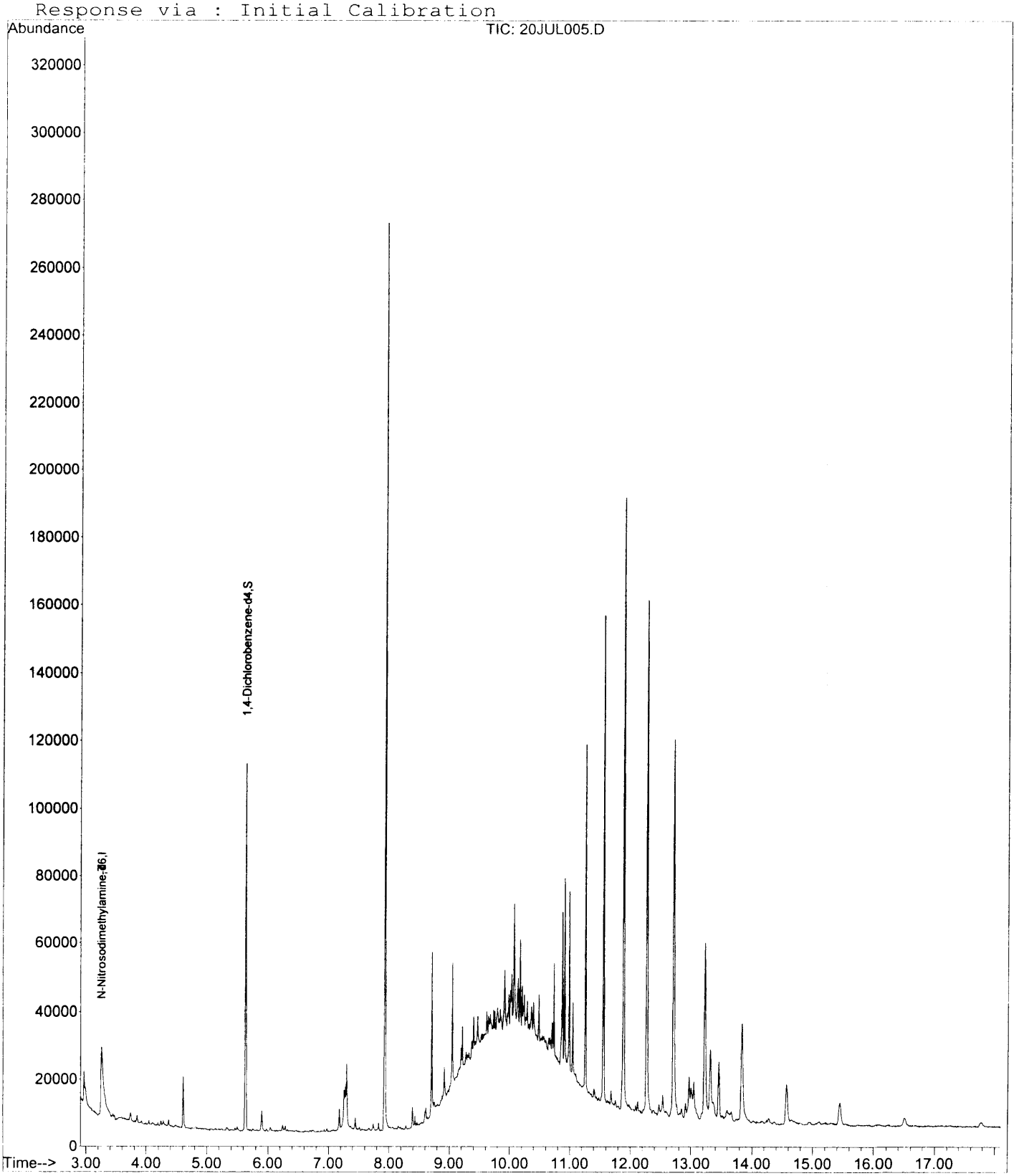
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.25	80	3776m	20.00	ug/l	-0.02
System Monitoring Compounds						
3) 1,4-Dichlorobenzene-d4	5.63	150	55651	115.55	ug/l	0.00
Spiked Amount 20.000			Recovery =	577.75%		
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.26	74	24629	136.16	ug/l #	53

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060720\20JUL005.D Vial: 5
Acq On : 20 Jul 2006 7:12 pm Operator: SK
Sample : NDMA 100 PPB S061606E Inst : GCMS_H
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 21 8:57 2006 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 Vial: 6
Acq On : 20 Jul 2006 7:39 pm Operator: SK
Sample : NDMA 20 PPB ICV S061506L Inst : GCMS_H
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 21 16:58:28 2006 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

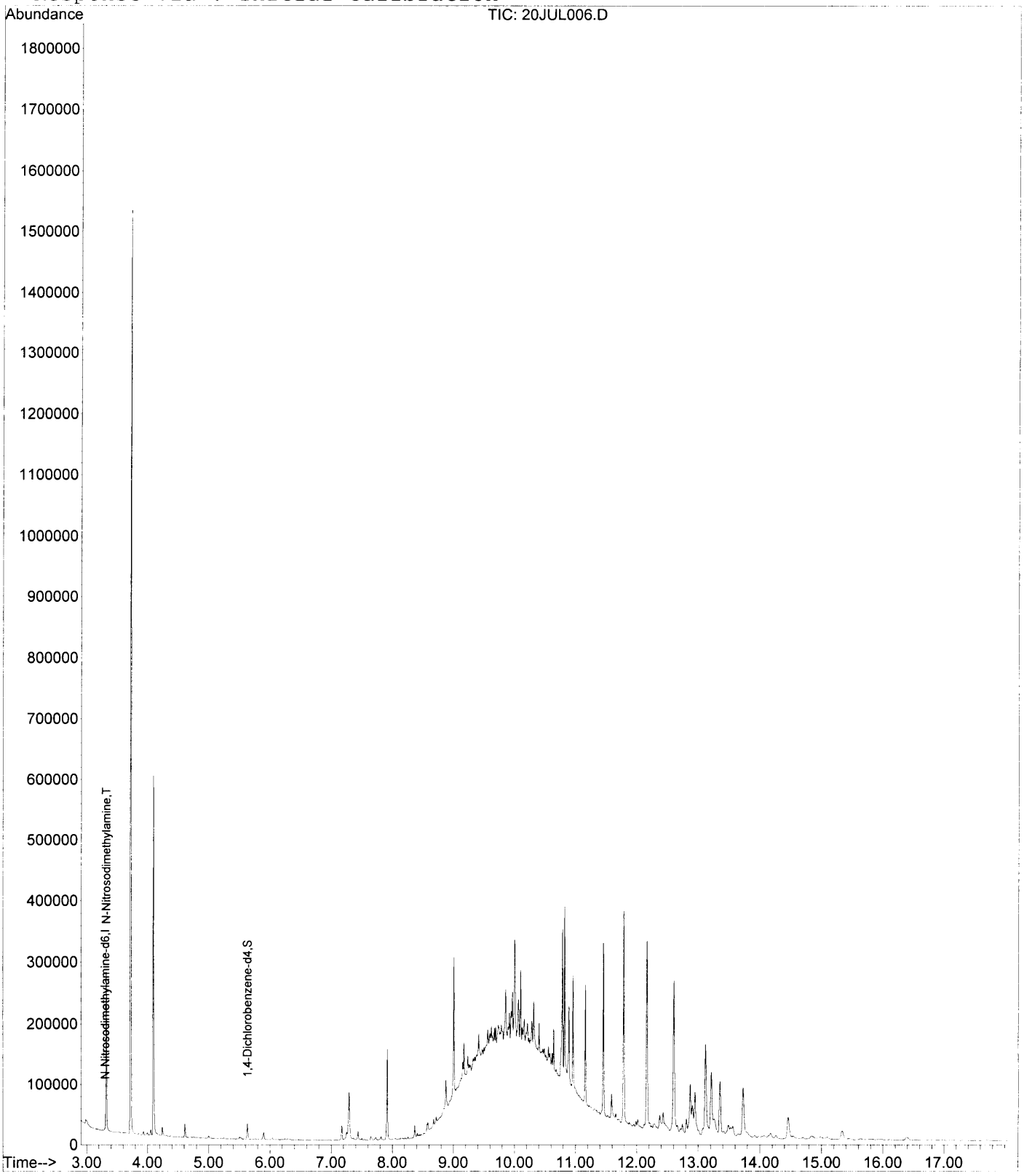
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.30	80	3619m	20.00	ug/l	0.03
System Monitoring Compounds						
3) 1,4-Dichlorobenzene-d4	5.63	150	13050	23.14	ug/l	0.00
Spiked Amount 20.000			Recovery	=	115.70%	
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.32	74	3502m	17.99	ug/l	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060720\20JUL006.D Vial: 6
Acq On : 20 Jul 2006 7:39 pm Operator: SK
Sample : NDMA 20 PPB ICV S061506L Inst : GCMS_H
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 21 17:00 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



Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\060720\20JUL006.D Vial: 6
Acq On : 20 Jul 2006 7:39 pm Operator: SK
Sample : NDMA 20 PPB ICV S061506L 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	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

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

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	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	D)	D) 7-25-06	S (A) O	1 (2) 4 5 8	CDM	1625	06.07.1032.1N	1040	1	204445-11	CH2Cl2	250	cal	pH<8
T) 7:00	T)	T) 11:00	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			06.07.1032.2B	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	AEROTEK	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: _____ / _____ / _____

02/23/95 Revision

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
06-07-1032-1-2	060724L11	E042866	1	0.02	—	—	—	—	—	—	—	—	—	wl	
		E042866		0.02											
06-07-1072-1-2															
06-07-1038-1															
BLK															
LCS/D					E042867	1	0.02								Sound
				0.01			0.01								Sound
				0.01											
06-07-1032-2B2 MS															
06-07-1032-2B2 MSD				0.02	—	—	—	—	—	—	—	—	—	wl	
				0.02											
06-07-1226-1-6	060725L10														
BLK					E042868	1	0.02								
LCS/D															

Reviewed by: _____ Date: _____ / _____ / _____

02/23/95 Revision

Quantitation Report (QT 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 S061606G 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

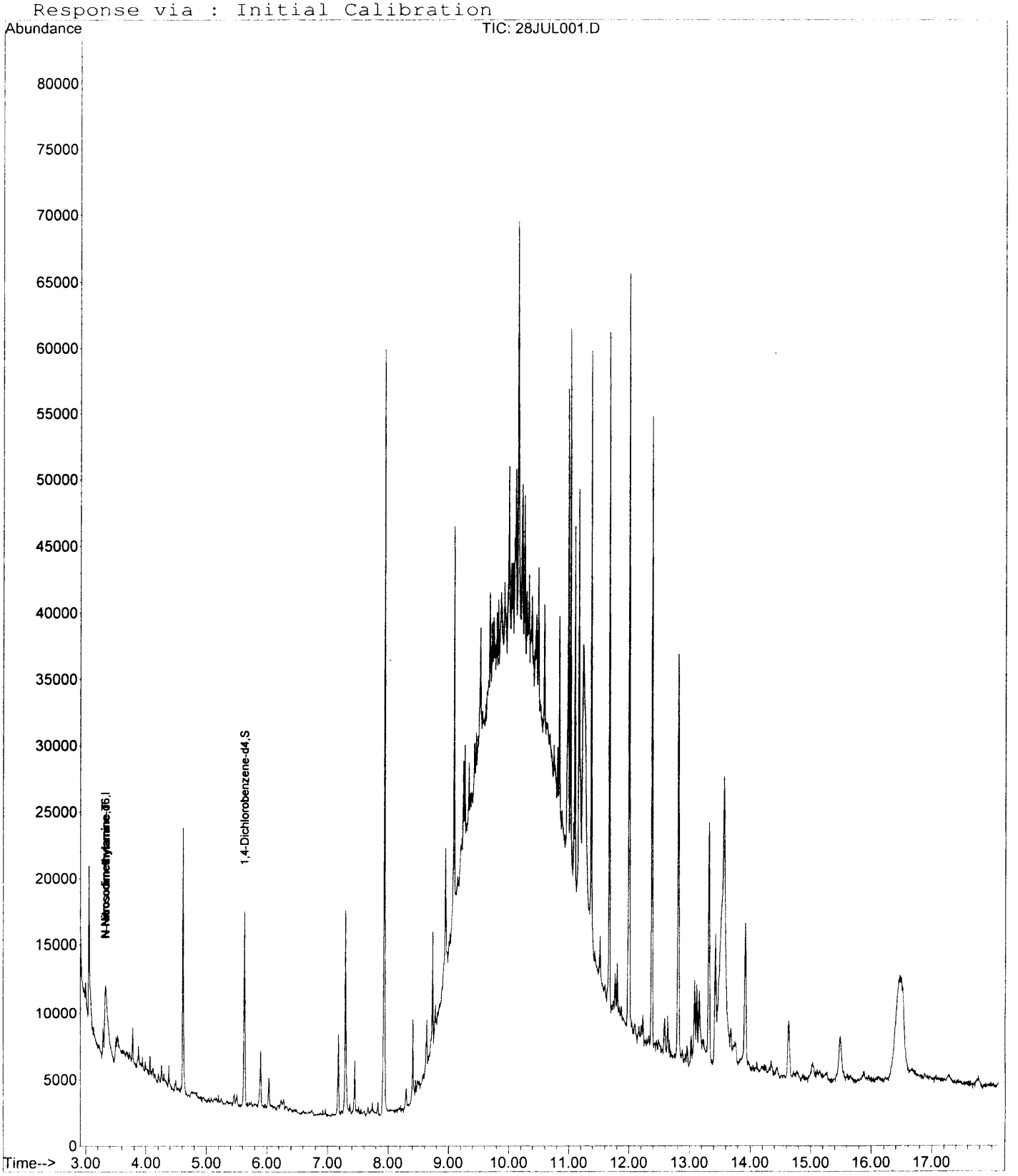
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.32	80	2992m	20.00	ug/l	0.01
System Monitoring Compounds						
3) 1,4-Dichlorobenzene-d4	5.63	150	8914	19.12	ug/l	0.00
Spiked Amount 20.000			Recovery = 95.60%			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	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 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
Quant Time: Jul 28 10:54 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



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

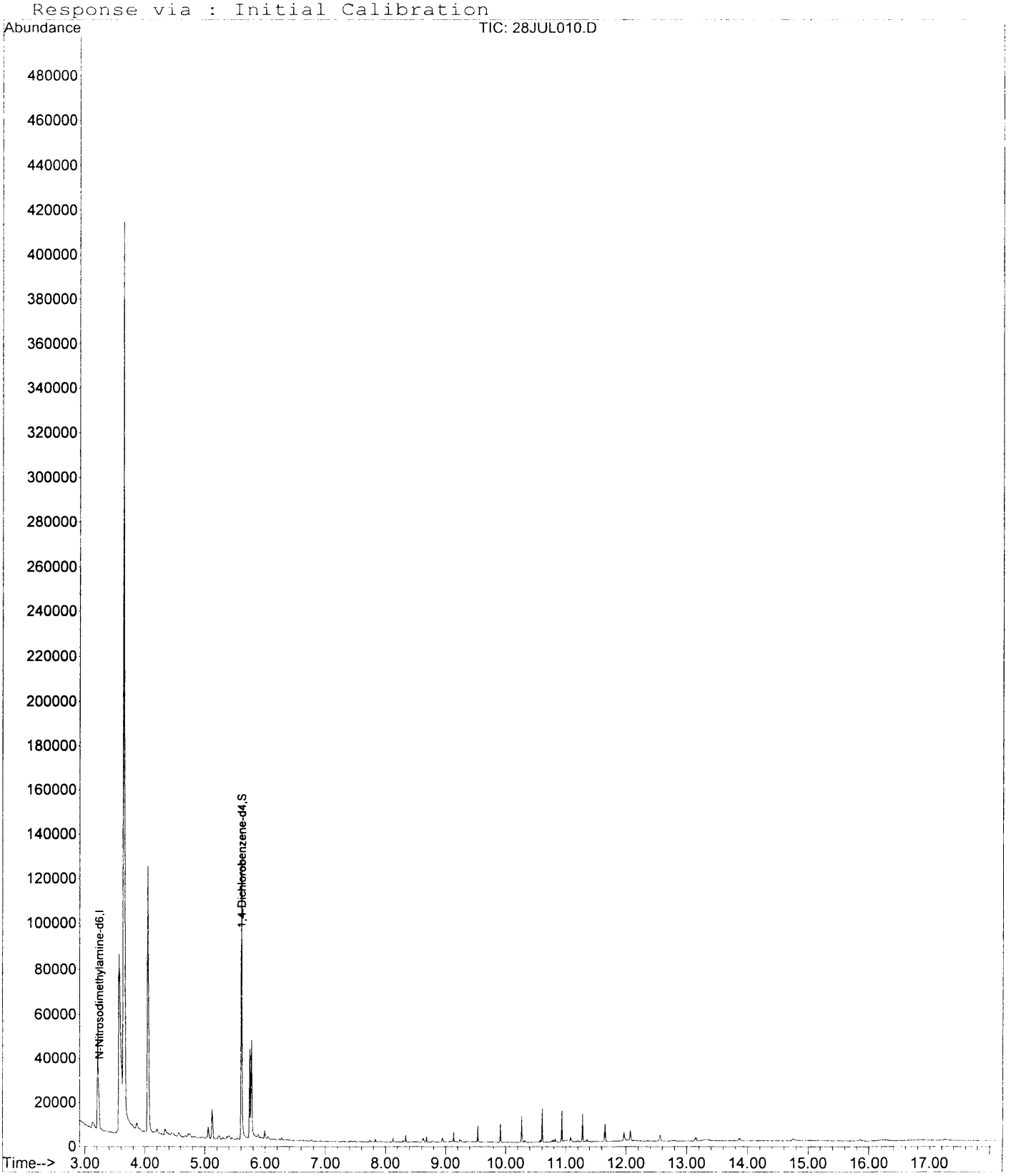
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.25	80	772m	20.00	ug/l	-0.06
System Monitoring Compounds						
3) 1,4-Dichlorobenzene-d4	5.62	150	1361m	11.31	ug/l	-0.02
Spiked Amount 20.000			Recovery	=	56.55%	
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	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

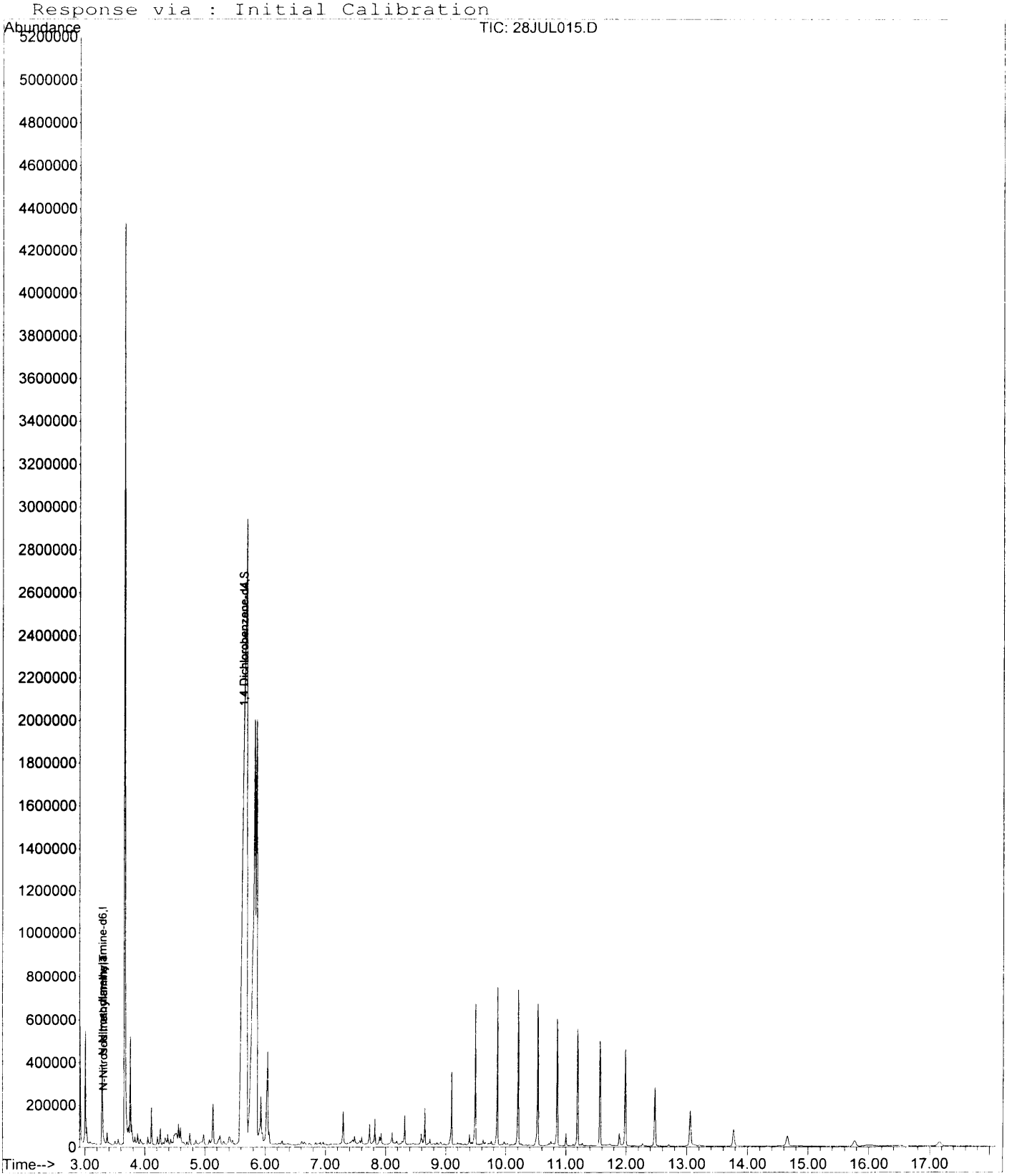
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) N-Nitrosodimethylamine-d6	3.30	80	3973m	20.00	ug/l	0.00
System Monitoring Compounds						
3) 1,4-Dichlorobenzene-d4	5.63	150	3306	5.34	ug/l	0.00
Spiked Amount 20.000			Recovery = 26.70%			
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	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 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 13:47 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\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

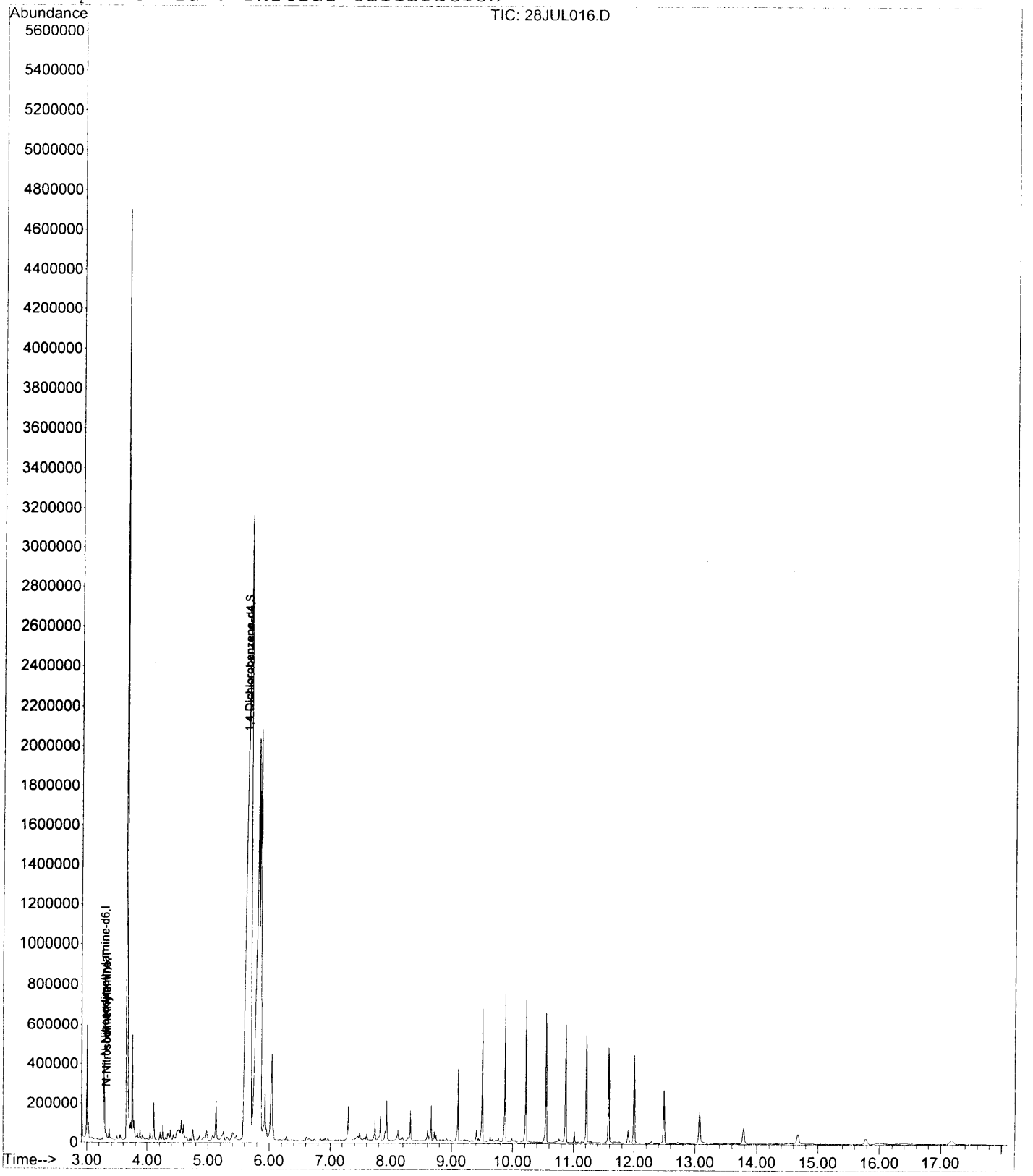
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL016.D
Acq On : 28 Jul 2006 6:17 pm
Sample : NDMA LCSD 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\28JUL017.D Vial: 17
Acq On : 28 Jul 2006 6:44 pm Operator: SK
Sample : 07-1072-1 Inst : GCMS_H
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 31 10:46:20 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	3.29	80	3325	20.00 ug/l	-0.02
System Monitoring Compounds					
3) 1,4-Dichlorobenzene-d4	5.63	150	5243	10.12 ug/l	0.00
Spiked Amount 20.000			Recovery =	50.60%	
Target Compounds					Qvalue
2) N-Nitrosodimethylamine	0.00	74	0	N.D. d	

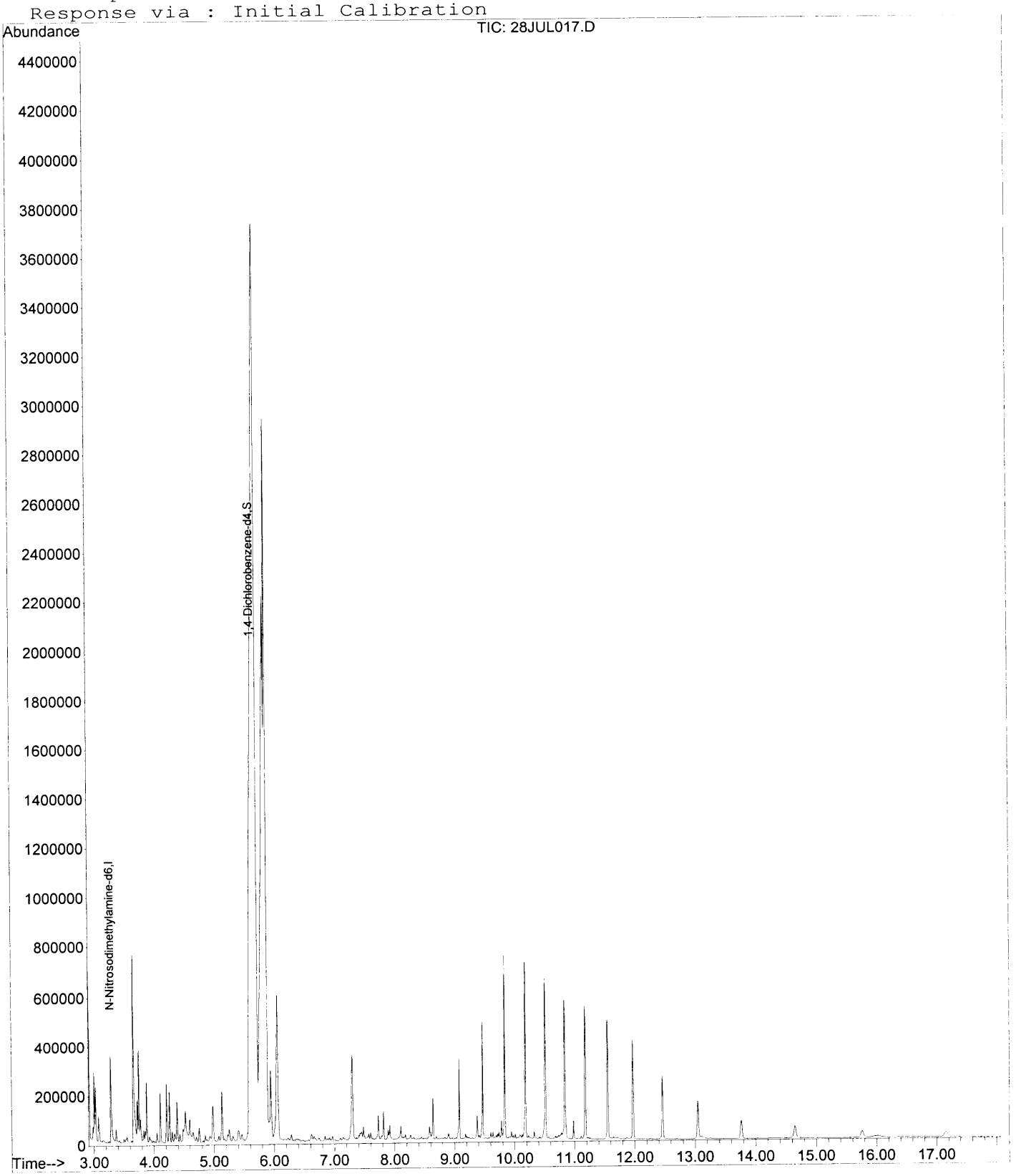
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL017.D
Acq On : 28 Jul 2006 6:44 pm
Sample : 07-1072-1
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 10:47 2006

Vial: 17
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\28JUL018.D
Acq On : 28 Jul 2006 7:11 pm
Sample : 07-1072-2
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 10:47:27 2006

Vial: 18
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	3007	20.00 ug/l	-0.02
System Monitoring Compounds					
3) 1,4-Dichlorobenzene-d4	5.63	150	5997	12.80 ug/l	0.00
Spiked Amount 20.000			Recovery	= 64.00%	
Target Compounds					Qvalue
2) N-Nitrosodimethylamine	0.00	74	0	N.D.	d

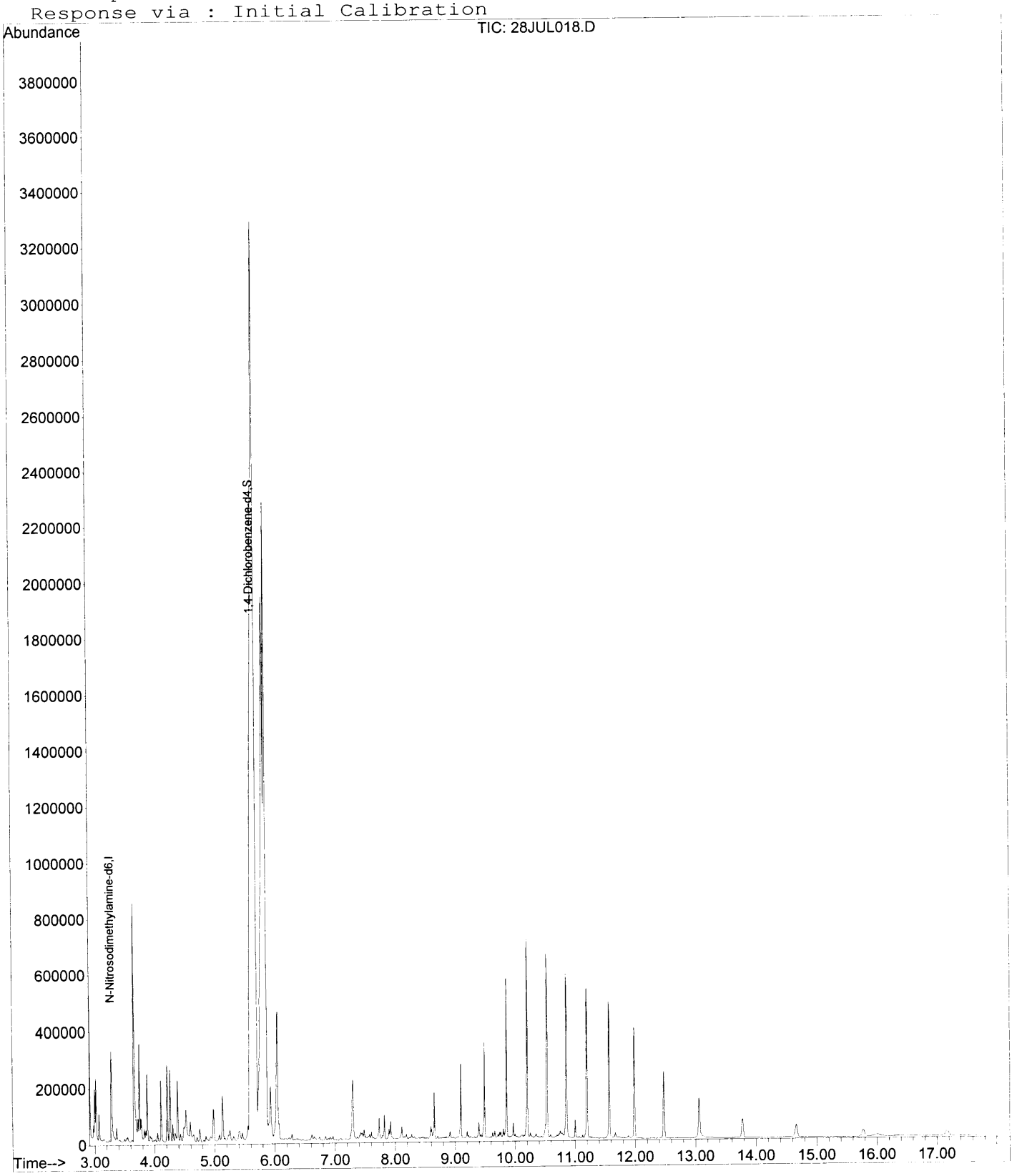
(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060728\28JUL018.D
Acq On : 28 Jul 2006 7:11 pm
Sample : 07-1072-2
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 31 10:47 2006

Vial: 18
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. 06-07-1072

Hewitt Landfill Groundwater

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

DATE	DATA FILE	CEL ID #	DILUTION FACTOR	STANDARDS LOT #	STANDARDS CONC (ppm)	STANDARDS VOL (mL)	ANALYST	COMMENTS
7-21-06	060721 D1	060721-b05					x	
		L05						
		L05D						
		06-07-1074-2MS						
		CCV	5	M031306F	2.0	0.5		
		CCB						
		06-07-1074-2MSD						
		1						
		2						
		3						
		4						
		06-07-1073-1						
		2						
		06-07-1078-1						
		CCV	5	M031306F	2.0	0.5		
		CCB						
		06-07-1074-2PS						
		2PSD						
		CCV	5	M031306F	2.0	0.5		
		CCV	↓	↓	↓	↓		
		CCB						
7-24-06	060724 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			

Reviewed by: _____ Date _____ / _____ / _____

Mercury Raw Data Log

DATE	DATA FILE	CEL ID #	DILUTION FACTOR	STANDARDS LOT #	STANDARDS CONC (ppm)	STANDARDS VOL (mL)	ANALYST	COMMENTS
7-24-06	060724D1	ICB					x	
		CRDL 1 ppb						
		CCV	5	M031306F	2.0	0.5		
		CCB						
		CCV	5	M031306F	2.0	0.5		
		CCB						
		060724-b02						
		L02						
		L02D						
		06-07-1049-1tc MS						
		1tc MSD						
		1tc						
		06-07-1050-1tc						
		06-07-0887-1 ↓						
		CCV	5	M031306F	2.0	0.5		
		CCB						
		060724-b03						
		L03						
		L03D						
		06-07-0851-1st MS						
		1st MSD						
		1st						
		06-07-0852-1st						
		06-07-0887-1 ↓						
		CCV	5	M031306F	2.0	0.5		
		CCB						
		06-07-0853-1st						
		06-07-1050-3st						

Reviewed by: _____ Date ____/____/____

DATE	DATA FILE	CEL ID #	DILUTION FACTOR	STANDARDS LOT #	STANDARDS CONC (ppm)	STANDARDS VOL (mL)	ANALYST	COMMENTS
7-24-06	060724 D1	06-07-1074-1					x	
		1 ps						
		2						
		2 ps						
		3						
		3 ps						
		CCV	5	M031306F	2.0	0.5		
	060724 D2	CCV	↓	↓	↓	↓		
		CCB						
		06-07-1074-4						
		4 ps						
		060724-b01						
		L01						
		L01D						
		06-07-1072-1 ms						
		1 msD						
		1						
		CCV	5	M031306F	2.0	0.5		
		CCB						
		06-07-1072-2						
		06-07-1093-1						
		06-07-1081-1						
		3						
		4						
		CCV	5	M031306F	2.0	0.5		
		CCB						

Reviewed by: _____ Date _____ / _____ / _____

04/18/06 Revision

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				
			Lowest 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

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	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

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	06-07-1050tc-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 0.005 ppm				
			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

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			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	060726Ai	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				
			ccll 0.005ppm				
			ccll 0.020ppm				
			06-07-1230tc-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	C2	ns	95	Spike Sample 06-07-1032-2	Metal	50	50	1a 1b 2a 2b 3a 3b	1 2 3	M063006A M062006A	100	0.25	TT
	S A O				Spike Duplicate				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				060724-L03				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				060724-L03D				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	C2			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	B1			
	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	C2			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	B1			
	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				
	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: 060724-501-MS

MetPrep2.xls

Reagent Lot ID: 1 M003-92-10 2 R050506 02 3 _____ 4 M003-P0-06 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
7-24-06	S A O	NA	95	Spike Sample 06-07-1072-1	50	100	9:20	11:20	M031306F	2.0	0.25	X
	S A O			Spike Duplicate ↓	↓							
	S A O			060724-201	100							
	S A O			201D								
	S A O			601								
	S A O			06-07-1072-1	50							
	S A O			2								
	S A O			06-07-1093-1			12:15	2:15				
	S A O			06-07-1081-1			14:00	16:00				
	S A O			-3								
	S A O			-4								
	S A O											
	S A O											
	S A O											
	S A O											
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	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

Method: R-cal std 1 **Page 2** **Date: 7/25/06 2:38:47 PM**

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	Conc.	Calib Units	Std.Dev.	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.: 10
Sample ID: 06-07-1072-t-1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 48
Date Collected: 7/25/06 3:08:58 PM

Sample Prep Volume:
Data Type: Original

Mean Data: 06-07-1072-t-1

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	167363.0	5.042	mg/L	0.0126				0.25%
Y 371.029	475756.9	5.055	mg/L	0.0139				0.27%
Tb 350.917	25425.9	5.041	mg/L	0.0091				0.18%
Tb 384.873	23193.7	4.933	mg/L	0.0242				0.49%
Ho 345.600	64836.7	4.961	mg/L	0.0099				0.20%
Ho 339.898	37764.3	4.980	mg/L	0.0015				0.03%
Ho 347.426	24689.9	5.033	mg/L	0.0079				0.16%
Al 308.215*†	941.3	0.0842	mg/L	0.00104	0.0842	mg/L	0.00104	1.23%
Al 396.153	7522.6	0.0885	mg/L	0.00113	0.0885	mg/L	0.00113	1.28%
B 249.677*†	5965.8	0.2996	mg/L	0.00020	0.2996	mg/L	0.00020	0.07%
B 249.772	3634.9	0.2940	mg/L	0.00091	0.2940	mg/L	0.00091	0.31%
Ba 233.527*†	20928.4	0.2603	mg/L	0.00087	0.2603	mg/L	0.00087	0.33%
Ca 317.933*†	658000.7	124.2	mg/L	0.25	124.2	mg/L	0.25	0.20%
Ca 422.673	1610672.5	126.7	mg/L	0.08	126.7	mg/L	0.08	0.06%
Fe 239.562	-326.3	-0.1145	mg/L	0.00068	-0.1145	mg/L	0.00068	0.60%
Fe 259.939	-606.4	-0.1014	mg/L	0.01105	-0.1014	mg/L	0.01105	10.89%
Fe 273.955*†	-1058.0	-0.1112	mg/L	0.00375	-0.1112	mg/L	0.00375	3.37%
K 766.490*	13251.0	5.679	mg/L	0.0208	5.679	mg/L	0.0208	0.37%
Mg 279.077*†	111896.3	24.76	mg/L	0.159	24.76	mg/L	0.159	0.64%
Mg 280.271	2613544.9	24.69	mg/L	0.032	24.69	mg/L	0.032	0.13%
Mn 257.610*†	356.6	0.0011	mg/L	0.00006	0.0011	mg/L	0.00006	5.19%
Mn 259.372	291.5	0.0017	mg/L	0.00010	0.0017	mg/L	0.00010	5.94%
Na 588.995	303434.4	42.42	mg/L	0.236	42.42	mg/L	0.236	0.56%
Na 589.592*†	260472.7	42.04	mg/L	0.070	42.04	mg/L	0.070	0.17%
Si 251.611*†	108077.8	11.04	mg/L	0.135	11.04	mg/L	0.135	1.22%
Si 288.158	46683.8	11.31	mg/L	0.065	11.31	mg/L	0.065	0.58%

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%

All analytes passed QC.

Sequence No.: 13
Sample ID: 06-07-1072-t-2
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 49
Date Collected: 7/25/06 3:14:53 PM

Sample Prep Volume:
Data Type: Original

Mean Data: 06-07-1072-t-2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	165093.2	4.974	mg/L	0.0197				0.40%
Y 371.029	469020.8	4.983	mg/L	0.0199				0.40%
Tb 350.917	25487.0	5.053	mg/L	0.0170				0.34%
Tb 384.873	22901.0	4.871	mg/L	0.0115				0.24%
Ho 345.600	63930.0	4.891	mg/L	0.0339				0.69%
Ho 339.898	37716.1	4.973	mg/L	0.0199				0.40%
Ho 347.426	24685.9	5.032	mg/L	0.0159				0.32%
Al 308.215*†	1026.4	0.0917	mg/L	0.00626	0.0917	mg/L	0.00626	6.83%
Al 396.153	8584.6	0.1010	mg/L	0.00183	0.1010	mg/L	0.00183	1.82%
B 249.677*†	5741.1	0.2883	mg/L	0.00038	0.2883	mg/L	0.00038	0.13%
B 249.772	3547.7	0.2870	mg/L	0.00093	0.2870	mg/L	0.00093	0.32%
Ba 233.527*†	20248.6	0.2518	mg/L	0.00057	0.2518	mg/L	0.00057	0.23%
Ca 317.933*†	631523.8	119.2	mg/L	0.99	119.2	mg/L	0.99	0.83%
Ca 422.673	1551542.2	122.0	mg/L	0.46	122.0	mg/L	0.46	0.38%
Fe 239.562	-310.3	-0.1089	mg/L	0.00690	-0.1089	mg/L	0.00690	6.34%
Fe 259.939	-565.6	-0.0946	mg/L	0.00549	-0.0946	mg/L	0.00549	5.80%
Fe 273.955*†	-948.8	-0.0998	mg/L	0.00221	-0.0998	mg/L	0.00221	2.21%
K 766.490*	14010.0	6.004	mg/L	0.0271	6.004	mg/L	0.0271	0.45%
Mg 279.077*†	105977.9	23.45	mg/L	0.040	23.45	mg/L	0.040	0.17%
Mg 280.271	2517151.8	23.78	mg/L	0.095	23.78	mg/L	0.095	0.40%
Mn 257.610*†	670.3	0.0028	mg/L	0.00010	0.0028	mg/L	0.00010	3.51%
Mn 259.372	585.3	0.0035	mg/L	0.00019	0.0035	mg/L	0.00019	5.57%
Na 588.995	290952.9	40.68	mg/L	0.230	40.68	mg/L	0.230	0.57%
Na 589.592*†	249117.7	40.21	mg/L	0.407	40.21	mg/L	0.407	1.01%
Si 251.611*†	100475.8	10.26	mg/L	0.101	10.26	mg/L	0.101	0.98%
Si 288.158	43661.7	10.57	mg/L	0.001	10.57	mg/L	0.001	0.01%

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%

Method: cal std 1+bi+s Page 1 Date: 7/26/06 9:15:53 AM

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	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample 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.

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	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample 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	Calib Conc.	Calib Units	Std.Dev.	Sample 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	Conc.	Calib Units	Std.Dev.	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.: 4
Sample ID: 06-07-1072-F-1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 34
Date Collected: 7/26/06 10:54:38 AM

Sample Prep Volume:
Data Type: Original

Mean Data: 06-07-1072-F-1

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	206866.6	5.043	mg/L	0.0096				0.19%
Y 371.029	526154.3	4.994	mg/L	0.0097				0.19%
Tb 350.917	26900.4	5.093	mg/L	0.0550				1.08%
Tb 384.873	23580.2	4.996	mg/L	0.0282				0.56%
Ho 345.600	71930.5	5.142	mg/L	0.0591				1.15%
Ho 339.898	38862.9	4.962	mg/L	0.0612				1.23%
Ho 347.426	24952.4	4.908	mg/L	0.0578				1.18%
Al 308.215*†	-192.5	-0.0128	mg/L	0.00237	-0.0128	mg/L	0.00237	18.56%
Al 396.153	1071.0	0.0113	mg/L	0.00064	0.0113	mg/L	0.00064	5.68%
B 249.677*†	8723.4	0.3391	mg/L	0.00224	0.3391	mg/L	0.00224	0.66%
B 249.772	5737.6	0.3296	mg/L	0.00208	0.3296	mg/L	0.00208	0.63%
Ba 233.527*†	29627.2	0.2589	mg/L	0.00055	0.2589	mg/L	0.00055	0.21%
Ca 317.933*†	840279.5	122.2	mg/L	2.47	122.2	mg/L	2.47	2.02%
Ca 422.673	1783949.6	125.5	mg/L	1.25	125.5	mg/L	1.25	0.99%
Fe 239.562	-38.2	-0.0110	mg/L	0.00120	-0.0110	mg/L	0.00120	10.86%
Fe 259.939	-61.7	-0.0094	mg/L	0.00067	-0.0094	mg/L	0.00067	7.10%
Fe 273.955*†	-147.7	-0.0099	mg/L	0.00064	-0.0099	mg/L	0.00064	6.43%
K 766.490*	14536.5	5.680	mg/L	0.0009	5.680	mg/L	0.0009	0.02%
Mg 279.077*†	172043.8	25.30	mg/L	0.286	25.30	mg/L	0.286	1.13%
Mg 280.271	2917100.0	24.82	mg/L	0.249	24.82	mg/L	0.249	1.00%
Mn 257.610*†	-79.8	-0.0011	mg/L	0.00015	-0.0011	mg/L	0.00015	13.85%
Mn 259.372	-112.9	-0.0004	mg/L	0.00018	-0.0004	mg/L	0.00018	41.70%
Na 588.995	420813.2	39.17	mg/L	0.478	39.17	mg/L	0.478	1.22%
Na 589.592*†	342229.5	40.57	mg/L	0.897	40.57	mg/L	0.897	2.21%
Si 251.611*†	162222.3	12.58	mg/L	0.192	12.58	mg/L	0.192	1.53%
Si 288.158	73556.4	12.49	mg/L	0.047	12.49	mg/L	0.047	0.38%

Sequence No.: 5
Sample ID: 06-07-1072-F-2
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 35
Date Collected: 7/26/06 10:56:57 AM

Sample Prep Volume:
Data Type: Original

Mean Data: 06-07-1072-F-2

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 324.227	207973.3	5.070	mg/L	0.1599				3.15%
Y 371.029	527772.8	5.009	mg/L	0.1527				3.05%
Tb 350.917	26376.5	4.994	mg/L	0.0582				1.17%
Tb 384.873	23049.8	4.884	mg/L	0.0632				1.29%
Ho 345.600	70445.7	5.036	mg/L	0.0773				1.54%
Ho 339.898	38025.5	4.855	mg/L	0.0801				1.65%
Ho 347.426	24445.8	4.809	mg/L	0.0690				1.44%
Al 308.215*†	-101.5	-0.0064	mg/L	0.00238	-0.0064	mg/L	0.00238	37.15%
Al 396.153	1082.5	0.0114	mg/L	0.00042	0.0114	mg/L	0.00042	3.65%
B 249.677*†	8120.8	0.3157	mg/L	0.00033	0.3157	mg/L	0.00033	0.11%
B 249.772	5179.9	0.2976	mg/L	0.00335	0.2976	mg/L	0.00335	1.13%
Ba 233.527*†	27159.5	0.2374	mg/L	0.00057	0.2374	mg/L	0.00057	0.24%
Ca 317.933*†	805656.4	117.2	mg/L	3.58	117.2	mg/L	3.58	3.05%
Ca 422.673	1660761.1	116.8	mg/L	2.21	116.8	mg/L	2.21	1.89%
Fe 239.562	-47.7	-0.0138	mg/L	0.00025	-0.0138	mg/L	0.00025	1.84%
Fe 259.939	-78.4	-0.0120	mg/L	0.00047	-0.0120	mg/L	0.00047	3.96%
Fe 273.955*†	-142.9	-0.0096	mg/L	0.00055	-0.0096	mg/L	0.00055	5.76%
K 766.490*	14547.6	5.684	mg/L	0.0645	5.684	mg/L	0.0645	1.13%
Mg 279.077*†	161851.3	23.80	mg/L	0.355	23.80	mg/L	0.355	1.49%
Mg 280.271	2720896.6	23.15	mg/L	0.423	23.15	mg/L	0.423	1.83%
Mn 257.610*†	312.0	0.0005	mg/L	0.00009	0.0005	mg/L	0.00009	19.29%
Mn 259.372	274.6	0.0011	mg/L	0.00006	0.0011	mg/L	0.00006	5.17%
Na 588.995	392551.8	36.54	mg/L	0.758	36.54	mg/L	0.758	2.07%
Na 589.592*†	325509.1	38.59	mg/L	1.189	38.59	mg/L	1.189	3.08%
Si 251.611*†	157014.8	12.17	mg/L	0.258	12.17	mg/L	0.258	2.12%
Si 288.158	69940.1	11.88	mg/L	0.405	11.88	mg/L	0.405	3.41%

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	Conc.	Calib Units	Std.Dev.	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%

==========

Analysis Begun

Logged In Analyst: Xue-Wen Xu
Spectrometer Model: FIMS-400, S/N B050-9560

Technique: AA FIMS-MHS
Autosampler Model: AS-90

Sample Information File: C:\data-AA\xue-wen xu\Sample Information\060724D1.sif
Batch ID:
Results Data Set: 060724D1
Results Library: C:\data-AA\xue-wen xu\Results\Results.mdb

==========

Method Loaded
Method Name: Hg
Method Description: Hg_4

Method Last Saved: 7/13/2006 11:02:38 AM

==========

Sequence No.: 1
Sample ID: Calib blank 1
Analyst:

Autosampler Location: 6
Date Collected: 7/24/2006 12:40:39 PM
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]	0.0007	0.0027	0.0007	12:41:44	Yes
2		[0.00]	0.0007	0.0036	0.0007	12:42:28	Yes
Mean:		[0.00]	0.0007				
SD:		0.00	0.0000				
%RSD:		0.00	1.48				

Auto-zero performed.

==========

Sequence No.: 2
Sample ID: 0.50ppb
Analyst:

Autosampler Location: 1
Date Collected: 7/24/2006 12:42:54 PM
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]	0.0037	0.0201	0.0043	12:43:58	Yes
2		[0.50]	0.0036	0.0196	0.0043	12:44:42	Yes
Mean:		[0.50]	0.0037				
SD:		0.00	0.0000				
%RSD:		0.00	1.23				

Standard number 1 applied. [0.50]
Correlation Coef.: 1.000000 Slope: 0.00730 Intercept: 0.00000

==========

Sequence No.: 3
Sample ID: 1.00ppb
Analyst:

Autosampler Location: 2
Date Collected: 7/24/2006 12:45:06 PM
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]	0.0074	0.0366	0.0080	12:46:10	Yes
2		[1.00]	0.0072	0.0365	0.0079	12:46:54	Yes
Mean:		[1.00]	0.0073				
SD:		0.00	0.0001				
%RSD:		0.00	1.27				

Standard number 2 applied. [1.00]
Correlation Coef.: 1.000000 Slope: 0.00731 Intercept: -0.00000

==========

Sequence No.: 4
Sample ID: 2.00ppb
Analyst:

Autosampler Location: 3
Date Collected: 7/24/2006 12:47:18 PM
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]	0.0148	0.0707	0.0154	12:48:23	Yes
2		[2.00]	0.0147	0.0708	0.0154	12:49:07	Yes
Mean:		[2.00]	0.0147				
SD:		0.00	0.0000				
%RSD:		0.00	0.21				

Standard number 3 applied. [2.00]
Correlation Coef.: 0.999991 Slope: 0.00737 Intercept: -0.00002

Sequence No.: 5 **Autosampler Location: 4**
Sample ID: 5.00ppb **Date Collected: 7/24/2006 12:49:31 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]	0.0342	0.1608	0.0348	12:50:36	Yes
2		[5.00]	0.0344	0.1620	0.0351	12:51:20	Yes
Mean:		[5.00]	0.0343				
SD:		0.00	0.0002				
%RSD:		0.00	0.44				

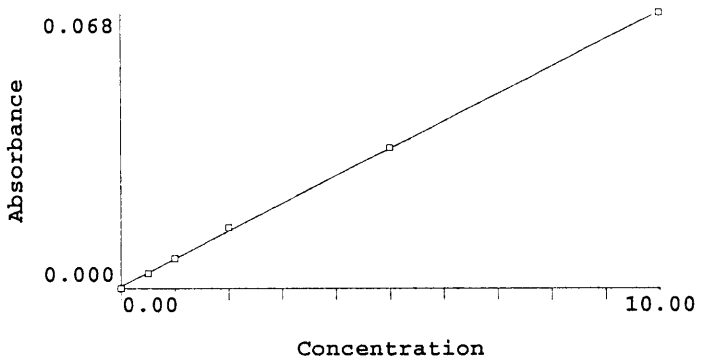
Standard number 4 applied. [5.00]
Correlation Coef.: 0.999516 Slope: 0.00684 Intercept: 0.00037

Sequence No.: 6 **Autosampler Location: 5**
Sample ID: 10.00ppb **Date Collected: 7/24/2006 12:51:46 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]	0.0674	0.3153	0.0681	12:52:51	Yes
2		[10.00]	0.0676	0.3186	0.0683	12:53:35	Yes
Mean:		[10.00]	0.0675				
SD:		0.00	0.0001				
%RSD:		0.00	0.22				

Standard number 5 applied. [10.00]
Correlation Coef.: 0.999851 Slope: 0.00672 Intercept: 0.00052



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	-0.077784	0.00	1.5
0.50ppb	0.0037	0.50	0.465264	0.00	1.2
1.00ppb	0.0073	1.00	1.010030	0.00	1.3
2.00ppb	0.0147	2.00	2.113658	0.00	0.2

5.00ppb	0.0343	5.00	5.021660	0.00	0.4
10.00ppb	0.0675	10.00	9.967172	0.00	0.2

Correlation Coef.: 0.999851 Slope: 0.00672 Intercept: 0.00052

==========

Sequence No.: 7 **Autosampler Location: 7**
Sample ID: ICV **Date Collected: 7/24/2006 12:54:01 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	0.00466	4.66	0.0319	0.1520	0.0325	12:55:07	Yes
2	0.00464	4.64	0.0317	0.1509	0.0324	12:55:51	Yes
Mean:	0.00465	4.65	0.0318				
SD:	0.000017	0.0170	0.0001				
%RSD:	0.365	0.365	0.36				

QC value within limits for Hg 253.7 Recovery = 92.99%
All analyte(s) passed QC.

==========

Sequence No.: 8 **Autosampler Location: 6**
Sample ID: ICB **Date Collected: 7/24/2006 12:56:18 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	-0.000072	-0.0718	0.0000	0.0022	0.0007	12:57:24	Yes
2	-0.000067	-0.0668	0.0001	0.0030	0.0007	12:58:08	Yes
Mean:	-0.000069	-0.0693	0.0001				
SD:	0.000004	0.00354	0.0000				
%RSD:	5.10	5.10	41.80				

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: 7/24/2006 12:58:34 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	0.00101	1.01	0.0073	0.0368	0.0080	12:59:38	Yes
2	0.00101	1.01	0.0073	0.0363	0.0080	13:00:22	Yes
Mean:	0.00101	1.01	0.0073				
SD:	0.000000	0.000437	0.0000				
%RSD:	0.0432	0.0432	0.04				

==========

Sequence No.: 10 **Autosampler Location: 3**
Sample ID: CCV **Date Collected: 7/24/2006 1:00:46 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	0.00212	2.12	0.0148	0.0703	0.0155	13:01:50	Yes
2	0.00212	2.12	0.0148	0.0707	0.0155	13:02:34	Yes
Mean:	0.00212	2.12	0.0148				
SD:	0.000001	0.000934	0.0000				
%RSD:	0.0440	0.0440	0.04				

QC value within limits for Hg 253.7 Recovery = 106.20%
All analyte(s) passed QC.

==========

Sequence No.: 11
Sample ID: CCB
Analyst:

Autosampler Location: 6
Date Collected: 7/24/2006 1:02:59 PM
Data Type: Original

Replicate Data: CCB

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000070	-0.0699	0.0001	0.0024	0.0007	13:04:05	Yes
2	-0.000067	-0.0670	0.0001	0.0029	0.0007	13:04:49	Yes
Mean:	-0.000068	-0.0685	0.0001				
SD:	0.000002	0.00206	0.0000				
%RSD:	3.00	3.00	22.08				

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\060724D1.sif
Batch ID:
Results Data Set: 060724D2
Results Library: C:\data-AA\xue-wen xu\Results\Results.mdb

==========

Method Loaded
Method Name: Hg **Method Last Saved: 7/13/2006 11:02:38 AM**
Method Description: Hg_4

==========

Sequence No.: 1 **Autosampler Location: 3**
Sample ID: CCV **Date Collected: 7/24/2006 7:51:27 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	0.00215	2.15	0.0150	0.0732	0.0157	19:52:31	Yes
2	0.00217	2.17	0.0151	0.0733	0.0158	19:53:15	Yes
Mean:	0.00216	2.16	0.0151				
SD:	0.000014	0.0137	0.0001				
%RSD:	0.634	0.634	0.61				

QC value within limits for Hg 253.7 Recovery = 108.14%
All analyte(s) passed QC.

==========

Sequence No.: 2 **Autosampler Location: 6**
Sample ID: CCB **Date Collected: 7/24/2006 7:53:40 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	-0.000057	-0.0567	0.0001	0.0041	0.0008	19:54:46	Yes
2	-0.000060	-0.0602	0.0001	0.0037	0.0008	19:55:30	Yes
Mean:	-0.000058	-0.0585	0.0001				
SD:	0.000002	0.00243	0.0000				
%RSD:	4.16	4.16	12.59				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

==========

Sequence No.: 3 **Autosampler Location: 34**
Sample ID: 06-07-1074-4 **Date Collected: 7/24/2006 7:55:56 PM**
Analyst: **Data Type: Original**

Replicate Data: 06-07-1074-4

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000139	-0.0697	0.0001	0.0041	0.0007	19:57:00	Yes
2	-0.000158	-0.0790	-0.0000	0.0031	0.0006	19:57:44	Yes
Mean:	-0.000149	-0.0744	0.0000				
SD:	0.000013	0.00659	0.0000				
%RSD:	8.86	8.86	193.90				

==========

Sequence No.: 4 **Autosampler Location: 35**
Sample ID: 06-07-1074-4 ps **Date Collected: 7/24/2006 7:58:07 PM**
Analyst: **Data Type: Original**

Replicate Data: 06-07-1074-4 ps

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00783	3.91	0.0268	0.1283	0.0275	19:59:11	Yes
2	0.00783	3.91	0.0268	0.1292	0.0275	19:59:55	Yes
Mean:	0.00783	3.91	0.0268				
SD:	0.000001	0.000311	0.0000				
%RSD:	0.00795	0.00795	0.01				

Sequence No.: 5
Sample ID: 060724-b-01
Analyst:
Autosampler Location: 36
Date Collected: 7/24/2006 8:00:19 PM
Data Type: Original

Replicate Data: 060724-b-01

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000132	-0.0661	0.0001	0.0040	0.0007	20:01:23	Yes
2	-0.000149	-0.0744	0.0000	0.0031	0.0007	20:02:07	Yes
Mean:	-0.000141	-0.0703	0.0001				
SD:	0.000012	0.00588	0.0000				
%RSD:	8.37	8.37	78.19				

Sequence No.: 6
Sample ID: 060724-1-01
Analyst:
Autosampler Location: 37
Date Collected: 7/24/2006 8:02:31 PM
Data Type: Original

Replicate Data: 060724-1-01

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.0103	5.16	0.0352	0.1661	0.0359	20:03:34	Yes
2	0.0103	5.16	0.0352	0.1664	0.0359	20:04:18	Yes
Mean:	0.0103	5.16	0.0352				
SD:	0.000001	0.000554	0.0000				
%RSD:	0.0107	0.0107	0.01				

Sequence No.: 7
Sample ID: 060724-1-01d
Analyst:
Autosampler Location: 38
Date Collected: 7/24/2006 8:04:43 PM
Data Type: Original

Replicate Data: 060724-1-01d

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.0103	5.13	0.0350	0.1647	0.0357	20:05:47	Yes
2	0.0102	5.12	0.0349	0.1652	0.0356	20:06:31	Yes
Mean:	0.0102	5.12	0.0350				
SD:	0.000014	0.00699	0.0000				
%RSD:	0.136	0.136	0.13				

Sequence No.: 8
Sample ID: 06-07-1072-1 ms
Analyst:
Autosampler Location: 39
Date Collected: 7/24/2006 8:06:56 PM
Data Type: Original

Replicate Data: 06-07-1072-1 ms

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.0101	5.07	0.0346	0.1624	0.0353	20:08:00	Yes
2	0.0102	5.08	0.0347	0.1632	0.0353	20:08:44	Yes
Mean:	0.0102	5.08	0.0347				
SD:	0.000011	0.00571	0.0000				
%RSD:	0.113	0.113	0.11				

Sequence No.: 9
Sample ID: 06-07-1072-1 msd
Analyst:

Autosampler Location: 40
Date Collected: 7/24/2006 8:09:09 PM
Data Type: Original

Replicate Data: 06-07-1072-1 msd

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.0101	5.05	0.0345	0.1627	0.0352	20:10:14	Yes
2	0.0102	5.11	0.0349	0.1641	0.0356	20:10:58	Yes
Mean:	0.0102	5.08	0.0347				
SD:	0.000088	0.0438	0.0003				
%RSD:	0.862	0.862	0.85				

Sequence No.: 10
Sample ID: 06-07-1072-1
Analyst:

Autosampler Location: 41
Date Collected: 7/24/2006 8:11:23 PM
Data Type: Original

Replicate Data: 06-07-1072-1

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000105	-0.0524	0.0002	0.0038	0.0008	20:12:28	Yes
2	-0.000100	-0.0498	0.0002	0.0039	0.0008	20:13:12	Yes
Mean:	-0.000102	-0.0511	0.0002				
SD:	0.000004	0.00186	0.0000				
%RSD:	3.63	3.63	6.95				

Sequence No.: 11
Sample ID: CCV
Analyst:

Autosampler Location: 3
Date Collected: 7/24/2006 8:13:37 PM
Data Type: Original

Replicate Data: CCV

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00199	1.99	0.0139	0.0680	0.0146	20:14:42	Yes
2	0.00199	1.99	0.0139	0.0667	0.0145	20:15:26	Yes
Mean:	0.00199	1.99	0.0139				
SD:	0.000005	0.00537	0.0000				
%RSD:	0.270	0.270	0.26				

QC value within limits for Hg 253.7 Recovery = 99.46%
All analyte(s) passed QC.

Sequence No.: 12
Sample ID: CCB
Analyst:

Autosampler Location: 6
Date Collected: 7/24/2006 8:15:51 PM
Data Type: Original

Replicate Data: CCB

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000058	-0.0584	0.0001	0.0034	0.0008	20:16:57	Yes
2	-0.000061	-0.0607	0.0001	0.0035	0.0008	20:17:41	Yes
Mean:	-0.000060	-0.0595	0.0001				
SD:	0.000002	0.00164	0.0000				
%RSD:	2.75	2.75	8.96				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 13
Sample ID: 06-07-1072-2
Analyst:

Autosampler Location: 42
Date Collected: 7/24/2006 8:18:07 PM
Data Type: Original

Replicate Data: 06-07-1072-2

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

#	mg/L	ug/L	Signal	Area	Height		Stored
1	-0.000117	-0.0585	0.0001	0.0028	0.0008	20:19:12	Yes
2	-0.000120	-0.0600	0.0001	0.0037	0.0008	20:19:56	Yes
Mean:	-0.000119	-0.0593	0.0001				
SD:	0.000002	0.00103	0.0000				
%RSD:	1.73	1.73	5.55				

==========

Sequence No.: 14
Sample ID: 06-07-1093-1
Analyst:

Autosampler Location: 43
Date Collected: 7/24/2006 8:20:22 PM
Data Type: Original

Replicate Data: 06-07-1093-1

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000014	-0.00708	0.0005	0.0053	0.0011	20:21:27	Yes
2	-0.000023	-0.0113	0.0004	0.0046	0.0011	20:22:11	Yes
Mean:	-0.000018	-0.00921	0.0005				
SD:	0.000006	0.00301	0.0000				
%RSD:	32.7	32.7	4.39				

==========

Sequence No.: 15
Sample ID: 06-07-1081-1
Analyst:

Autosampler Location: 44
Date Collected: 7/24/2006 8:22:37 PM
Data Type: Original

Replicate Data: 06-07-1081-1

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000144	-0.0719	0.0000	0.0029	0.0007	20:23:43	Yes
2	-0.000130	-0.0648	0.0001	0.0033	0.0007	20:24:27	Yes
Mean:	-0.000137	-0.0684	0.0001				
SD:	0.000010	0.00500	0.0000				
%RSD:	7.32	7.32	53.06				

==========

Sequence No.: 16
Sample ID: 06-07-1081-3
Analyst:

Autosampler Location: 45
Date Collected: 7/24/2006 8:24:53 PM
Data Type: Original

Replicate Data: 06-07-1081-3

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000145	-0.0726	0.0000	0.0026	0.0007	20:25:59	Yes
2	-0.000141	-0.0703	0.0001	0.0030	0.0007	20:26:43	Yes
Mean:	-0.000143	-0.0715	0.0000				
SD:	0.000003	0.00157	0.0000				
%RSD:	2.20	2.20	24.83				

==========

Sequence No.: 17
Sample ID: 06-07-1081-4
Analyst:

Autosampler Location: 46
Date Collected: 7/24/2006 8:27:09 PM
Data Type: Original

Replicate Data: 06-07-1081-4

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.000151	-0.0757	0.0000	0.0025	0.0007	20:28:15	Yes
2	-0.000129	-0.0646	0.0001	0.0036	0.0007	20:28:59	Yes
Mean:	-0.000140	-0.0701	0.0001				
SD:	0.000016	0.00787	0.0001				
%RSD:	11.2	11.2	103.02				

==========

Sequence No.: 18
Sample ID: CCV
Analyst:

Autosampler Location: 3
Date Collected: 7/24/2006 8:29:26 PM
Data Type: Original

Replicate Data: CCV

Repl #	SampleConc mg/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00196	1.96	0.0137	0.0665	0.0144	20:30:31	Yes
2	0.00197	1.97	0.0138	0.0660	0.0144	20:31:15	Yes
Mean:	0.00197	1.97	0.0137				
SD:	0.000004	0.00372	0.0000				
%RSD:	0.189	0.189	0.18				

QC value within limits for Hg 253.7 Recovery = 98.28%
All analyte(s) passed QC.

Sequence No.: 19 **Autosampler Location: 6**
Sample ID: CCB **Date Collected: 7/24/2006 8:31:39 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	-0.000064	-0.0635	0.0001	0.0035	0.0008	20:32:45	Yes
2	-0.000061	-0.0606	0.0001	0.0033	0.0008	20:33:29	Yes
Mean:	-0.000062	-0.0621	0.0001				
SD:	0.000002	0.00208	0.0000				
%RSD:	3.34	3.34	13.19				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

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Metals by EPA 6020

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CEL W.O. 06-07-1072

Hewitt Landfill Groundwater

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Dataset Report

User Name: xue-wen xu
Computer Name: ICP_MS02A
Dataset File Path: C:\elandata\Dataset\Data\06072801\
Report Date/Time: Monday, July 31, 2006 08:39:58

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	
	Blank	16:37:01 Fri 28-Jul-06	Blank	Blank.072	
	Standard 1	16:41:12 Fri 28-Jul-06	Standard #1	Standard 1.073	
	ICV	16:46:32 Fri 28-Jul-06	QC Std #2	ICV.074	
	CCV	16:51:13 Fri 28-Jul-06	QC Std #3	CCV.075	
	CCB-2	16:55:53 Fri 28-Jul-06	QC Std #7	CCB-2.076	
	CCB	17:00:03 Fri 28-Jul-06	QC Std #8	CCB.077	
06072801	06-07-1004-1	17:04:13 Fri 28-Jul-06	Sample	06-07-1004-1.078	water
06072801	06-07-1072-1	17:08:12 Fri 28-Jul-06	Sample	06-07-1072-1.079	water
06072801	06-07-1072-2	17:12:12 Fri 28-Jul-06	Sample	06-07-1072-2.080	water
06072801	06-07-1167-1	17:16:12 Fri 28-Jul-06	Sample	06-07-1167-1.081	water
06072801	06-07-1126-2	17:20:12 Fri 28-Jul-06	Sample	06-07-1126-2.082	water
06072801	06-07-1269-1	17:24:13 Fri 28-Jul-06	Sample	06-07-1269-1.083	water
06072801	06-07-1269-2	17:28:13 Fri 28-Jul-06	Sample	06-07-1269-2.084	water
06072801	06-07-1269-3	17:32:15 Fri 28-Jul-06	Sample	06-07-1269-3.085	water
06072801	06-07-1269-4	17:36:16 Fri 28-Jul-06	Sample	06-07-1269-4.086	water
06072801	06-07-1269-5	17:40:18 Fri 28-Jul-06	Sample	06-07-1269-5.087	water
	CCV	17:44:25 Fri 28-Jul-06	QC Std #3	CCV.088	
	CCB-2	17:49:17 Fri 28-Jul-06	QC Std #7	CCB-2.089	
	CCB	17:53:27 Fri 28-Jul-06	QC Std #8	CCB.090	
06072801	06-07-1269-6	17:57:33 Fri 28-Jul-06	Sample	06-07-1269-6.091	water
06072801	06-07-1316-1	18:01:35 Fri 28-Jul-06	Sample	06-07-1316-1.092	water
06072801	06-07-1316-3	18:05:35 Fri 28-Jul-06	Sample	06-07-1316-3.093	water
06072801	06-07-1243-1	18:09:36 Fri 28-Jul-06	Sample	06-07-1243-1.094	water
06072801	06-07-1248-1	18:13:36 Fri 28-Jul-06	Sample	06-07-1248-1.095	water
06072801	06-07-1258-1	18:17:37 Fri 28-Jul-06	Sample	06-07-1258-1.096	water
06072801	06-07-1258-2	18:21:37 Fri 28-Jul-06	Sample	06-07-1258-2.097	water
06072801	blank	18:25:54 Fri 28-Jul-06	Sample	blank.098	
06072801	060728b01x10	18:29:55 Fri 28-Jul-06	Sample	060728b01x10.099	soil
06072801	060728b01x10	18:33:56 Fri 28-Jul-06	Sample	060728b01x10.100	soil

	CCV	18:38:02 Fri 28-Jul-06	QC Std #3	CCV.101	
	CCB-2	18:42:43 Fri 28-Jul-06	QC Std #7	CCB-2.102	
	CCB	18:46:53 Fri 28-Jul-06	QC Std #8	CCB.103	
	Blank	18:50:59 Fri 28-Jul-06	Blank	Blank.104	
	Standard 1	18:55:11 Fri 28-Jul-06	Standard #1	Standard 1.105	
	CCV	19:00:32 Fri 28-Jul-06	QC Std #3	CCV.106	
	CCB-2	19:05:13 Fri 28-Jul-06	QC Std #7	CCB-2.107	
	CCB	19:09:23 Fri 28-Jul-06	QC Std #8	CCB.108	
06072801	060728L01x10	19:13:29 Fri 28-Jul-06	Sample	060728L01x10.109	soil
06072801	060728L01dx10	19:17:30 Fri 28-Jul-06	Sample	060728L01dx10.110	soil
06072801	06-07-1164-6msx10	19:21:32 Fri 28-Jul-06	Sample	06-07-1164-6msx10.111	soil
06072801	06-07-1164-6msdx10	19:25:35 Fri 28-Jul-06	Sample	06-07-1164-6msdx10.112	soil
06072801	06-07-1164-6x10ps	19:29:36 Fri 28-Jul-06	Sample	06-07-1164-6x10ps.113	soil
06072801	06-07-1164-6x10psd	19:33:37 Fri 28-Jul-06	Sample	06-07-1164-6x10psd.114	soil
06072801	blank	19:37:39 Fri 28-Jul-06	Sample	blank.115	soil
06072801	blank	19:41:41 Fri 28-Jul-06	Sample	blank.116	soil
06072801	06-07-1164--x10-6	19:45:44 Fri 28-Jul-06	Sample	06-07-1164--x10-6.117	soil
06072801	06-07-1164--x10-7	19:49:46 Fri 28-Jul-06	Sample	06-07-1164--x10-7.118	soil
	CCV	19:53:52 Fri 28-Jul-06	QC Std #3	CCV.119	
	CCB-2	19:58:33 Fri 28-Jul-06	QC Std #7	CCB-2.120	
	CCB	20:02:43 Fri 28-Jul-06	QC Std #8	CCB.121	
06072801	06-07-1164--x10-8	20:06:49 Fri 28-Jul-06	Sample	06-07-1164--x10-8.122	soil
06072801	06-07-1095-x10-6	20:10:50 Fri 28-Jul-06	Sample	06-07-1095-x10-6.123	soil
06072801	06-07-1162-x10-1	20:14:51 Fri 28-Jul-06	Sample	06-07-1162-x10-1.124	soil
	CCV	20:18:57 Fri 28-Jul-06	QC Std #3	CCV.125	
	ICS AB	20:23:39 Fri 28-Jul-06	QC Std #4	ICS AB.126	
	ICS A	20:28:21 Fri 28-Jul-06	QC Std #5	ICS A.127	
	CCB-2	20:33:02 Fri 28-Jul-06	QC Std #7	CCB-2.128	

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)	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	C2	[illegible]	95	Spike Sample 06-07-1032-2	Metal	50	50	1a 1b 2a 2b 3a 3b	1 2 3	[illegible]	10.0	0.5	TD
	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				060727-301 D				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O				060727-801				1a 1b 2a 2b 3a 3b	1 2 3				
	S A O	C2			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	1 2 3				
	S A O				06-07-1126-2	Se			1a 1b 2a 2b 3a 3b	1 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	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				-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	Metal			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	

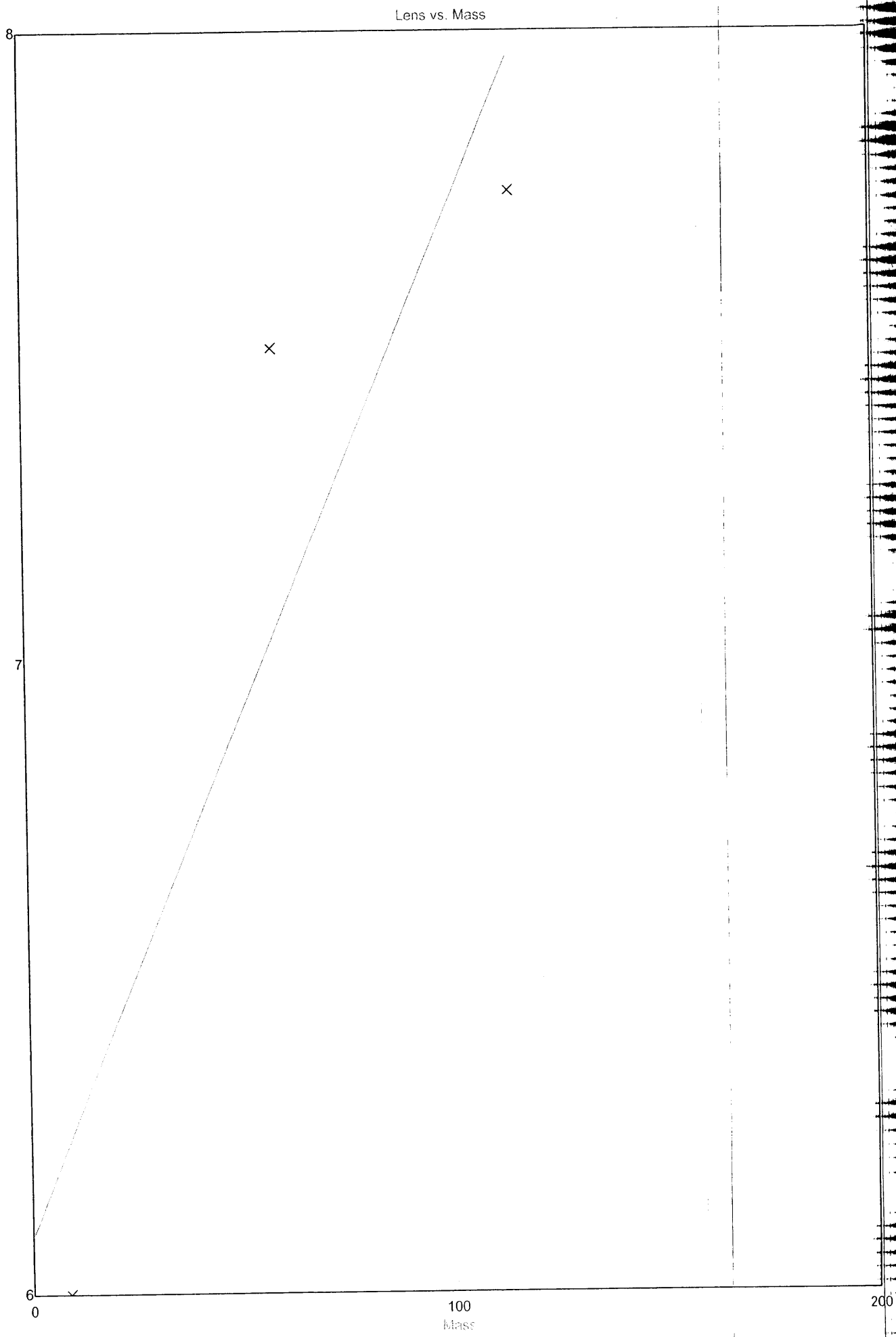
Report Date/Time: Friday, July 28, 2006 10:28:50

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
Mass

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: 15

Sample Date/Time: Friday, July 28, 2006 13:51:00

Method File: C:\elandata\Method\cel\CEL_DRC_As_Se+ t-22.mth_W.mth

Dataset File: C:\elandata\Dataset\Data\06072801\060727b01.044

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	>	10728		ppb	3.0	11016
Be	9		5	0.0097	ppb	21.7	4
B	11		590	1.1121	ppb	5.8	364
Sc	45		155569	263.4543	ppb	4.2	162260
Sc-1	45		155569		ppb	4.2	162260
Al	27		5687	-0.4125	ppb	6.6	6896
Mg	24		1206	-0.3045	ppb	3.8	1724
Ti	47		4476	0.0225	ppb	2.8	4433
V	51		-20117	-0.8485	ppb	37.6	-14244
Cr	52		18730	0.3479	ppb	2.4	16545
Mn	55		1543	-0.0401	ppb	4.3	1909
Fe	54		23879	-12.7425	ppb	4.7	29476
Fe	57		6292	-3.5000	ppb	4.7	6982
Fe	56		1350898	-2.2288	ppb	2.3	1359502
Co	59		104	0.0022	ppb	7.1	86
Ni	60		206	-0.0107	ppb	3.5	224
Cu	63		784	-0.1335	ppb	4.7	1315
Cu	65		578	-0.1562	ppb	7.9	880
As	75		-822	0.0929	ppb	69.7	-945
As-1	75		6721	0.1386	ppb	9.0	6488
Se	78		7457	-0.2591	ppb	0.3	7504
Se	82		-19	-0.3734	ppb	96.7	39
Sr	88		426	-0.0015	ppb	2.0	448
Y	89	>	373198		mg/L	2.9	370490
Zn	66		1249	-0.2636	ppb	2.7	1582
Zn	68		1180	-0.2151	ppb	5.3	1375
Y-1	89		373198		ppb	2.9	370490
Mo	95		882	0.1275	ppb	2.1	578
In	115	>	332817		ppb	3.0	339976
Ag	107		527	0.0294	ppb	13.5	341
Cd	111		55	0.0032	ppb	13.7	51
Cd-1	111		301	0.0217	ppb	7.5	272
Sn	118		1010	-0.0496	ppb	6.6	1248
Sb	123		4625	0.6282	ppb	9.0	2494
Ba	135		41	-0.0071	ppb	20.1	51
Tb	159		458090		ppb	2.9	454662
Mo	92		514	0.0901	ppb	0.9	323
Mo	98		931	0.1041	ppb	5.3	536
Ho	165		496714		ppb	3.0	500300
Tl	203		272	0.0135	ppb	2.4	165
Pb	207		983	0.0009	ppb	3.3	956
Bi	209	>	352054		ppb	1.2	349103
As-O	91		42	0.0010	ppb	22.7	41
Se-O	78		20	0.0195	ppb	8.4	17
In_O	115	>	206380		ppb	0.6	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: 06-07-1032-2

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: 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

SAMPLE INFORMATION

Sample ID: Blank

Sample Description:

Autosampler Position: 13

Sample Date/Time: Friday, July 28, 2006 16:37:01

Method File: C:\elandata\Method\cel\cel_std_t22.mth

Dataset File: C:\elandata\Dataset\Data\06072801\Blank.072

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	>	11931		ppb	4.0	
Be	9		5		ppb	24.7	
B	11		662		ppb	22.6	
B	10		114		ppb	19.8	
Sc	45		235700		ppb	4.9	
Al	27		10257		ppb	3.9	
Mg	24		2681		ppb	4.1	
Si	28		42609		ppb	1.6	
Ti	47		5581		ppb	0.7	
Ti	49		2760		ppb	6.1	
V	51		-12355		ppb	30.3	
Cr	52		20908		ppb	0.3	
Mn	55		2296		ppb	4.4	
Fe	54		37247		ppb	1.5	
Fe	57		7893		ppb	2.6	
Co	59		111		ppb	9.4	
Ni	60		294		ppb	6.5	
Cu	65		1106		ppb	7.5	
As	75		-1019		ppb	18.3	
As-1	75		8466		ppb	1.8	
Se	78		9572		ppb	0.9	
Se	82		48		ppb	30.7	
Sr	88		567		ppb	4.7	
Zn	66		1911		ppb	2.0	
Zn	68		1695		ppb	3.5	
Y	89		459330		ppb	2.6	
Mo	95		865		ppb	1.0	
In	115	>	418319		ppb	2.9	
Ag	107		479		ppb	7.5	
Cd	111		61		ppb	10.2	
Sn	118		1456		ppb	1.0	
Sb	123		4099		ppb	4.0	
Ba	135		60		ppb	5.1	
Tb	159		533806		ppb	2.1	
Mo	92		509		ppb	3.6	
Ho	165		584620		ppb	2.3	
Tl	203		419		ppb	5.2	
Pb	207		1211		ppb	1.8	
Bi	209	>	449944		ppb	4.1	

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 16:41:12

Method File: C:\elandata\Method\cel\cel_std_t22.mth

Dataset File: C:\elandata\Dataset\Data\06072801\Standard 1.073

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	>	11726		ppb	2.1	11931
Be	9		41260	200.0000	ppb	1.2	5
B	11		126080	500.0000	ppb	1.7	662
B	10		26713	500.0000	ppb	2.2	114
Sc	45		224287		ppb	5.0	235700
Al	27		849502	200.0000	ppb	2.9	10257
Mg	24		472303	200.0000	ppb	1.5	2681
Si	28		683153	500.0000	ppb	3.8	42609
Ti	47		148457	200.0000	ppb	2.2	5581
Ti	49		119640	200.0000	ppb	1.5	2760
V	51		1717869	200.0000	ppb	4.9	-12355
Cr	52		1528905	200.0000	ppb	2.2	20908
Mn	55		2523411	200.0000	ppb	0.8	2296
Fe	54		153574	200.0000	ppb	1.9	37247
Fe	57		61263	200.0000	ppb	1.8	7893
Co	59		1894825	200.0000	ppb	2.2	111
Ni	60		452836	200.0000	ppb	3.3	294
Cu	65		480197	200.0000	ppb	1.8	1106
As	75		358136	200.0000	ppb	1.7	-1019
As-1	75		356386	200.0000	ppb	1.7	8466
Se	78		103122	200.0000	ppb	0.3	9572
Se	82		38475	200.0000	ppb	0.2	48
Sr	88		3895586	200.0000	ppb	0.9	567
Zn	66		320795	200.0000	ppb	0.6	1911
Zn	68		232953	200.0000	ppb	0.5	1695
Y	89		470246		ppb	1.3	459330
Mo	95		591598	200.0000	ppb	0.5	865
In	115	>	430751		ppb	0.3	418319
Ag	107		1606000	200.0000	ppb	0.7	479
Cd	111		404541	200.0000	ppb	0.2	61
Sn	118		1073445	200.0000	ppb	0.7	1456
Sb	123		859886	200.0000	ppb	4.3	4099
Ba	135		308842	200.0000	ppb	0.9	60
Tb	159		533681	200.0000	ppb	1.5	533806
Mo	92		529800	200.0000	ppb	0.3	509
Ho	165		578891		ppb	0.5	584620
Tl	203		1863554	200.0000	ppb	1.1	419
Pb	207		5270582	200.0000	ppb	0.3	1211
Bi	209	>	445405		ppb	2.1	449944

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 16:46:32

Method File: C:\elandata\Method\cel\CEL_STD_T22.mth

Dataset File: C:\elandata\Dataset\Data\06072801\ICV.074

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	>	11813		ppb	0.7	11931
Be	9		20635	99.2507	ppb	0.3	5
B	11		28461	110.0198	ppb	1.7	662
B	10		5906	108.1088	ppb	2.3	114
Sc	45		219892		ppb	2.2	235700
Al	27		425030	98.0737	ppb	1.4	10257
Mg	24		240325	100.4369	ppb	0.6	2681
Si	28		382406	266.6024	ppb	1.5	42609
Ti	47		76617	99.9846	ppb	0.4	5581
Ti	49		61832	101.6704	ppb	0.5	2760
V	51		861019	101.0979	ppb	2.4	-12355
Cr	52		802538	103.7719	ppb	1.2	20908
Mn	55		1244989	99.1944	ppb	1.2	2296
Fe	54		91241	92.7850	ppb	1.3	37247
Fe	57		33761	97.2612	ppb	2.7	7893
Co	59		1002558	106.4724	ppb	1.1	111
Ni	60		231599	102.8681	ppb	2.6	294
Cu	65		236118	98.7192	ppb	1.0	1106
As	75		182295	102.7271	ppb	1.4	-1019
As-1	75		187246	103.3786	ppb	1.8	8466
Se	78		56727	101.2719	ppb	1.4	9572
Se	82		19005	99.2762	ppb	0.5	48
Sr	88		1898813	98.0751	ppb	0.7	567
Zn	66		167780	104.6725	ppb	0.5	1911
Zn	68		123396	105.8947	ppb	0.4	1695
Y	89		460520		ppb	1.7	459330
Mo	95		294217	99.9294	ppb	1.6	865
In	115	>	428087		ppb	0.7	418319
Ag	107		447520	56.0336	ppb	0.5	479
Cd	111		206921	102.9185	ppb	1.0	61
Sn	118		539256	100.9605	ppb	0.7	1456
Sb	123		434260	101.1440	ppb	3.5	4099
Ba	135		151621	98.7844	ppb	1.4	60
Tb	159		532885	168.1727	ppb	1.2	533806
Mo	92		263972	100.1644	ppb	2.2	509
Ho	165		583539		ppb	1.2	584620
Tl	203		945697	100.8190	ppb	1.0	419
Pb	207		2721456	102.5764	ppb	0.2	1211
Bi	209	>	448213		ppb	0.9	449944

QC Out Of Limits

Mass	Analyte	Out of Limits Message
11	B	
107	Ag	

SAMPLE INFORMATION

Sample ID: CCV

Sample Description:

Autosampler Position: 4

Sample Date/Time: Friday, July 28, 2006 16:51:13

Method File: C:\elandata\Method\cel\CEL_STD_T22.mth

Dataset File: C:\elandata\Dataset\Data\06072801\CCV.075

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	>	12044		ppb	2.2	11931
Be	9		20640	97.3825	ppb	1.6	5
B	11		67018	257.5513	ppb	2.1	662
B	10		14029	254.6888	ppb	0.6	114
Sc	45		224630		ppb	2.0	235700
Al	27		452205	102.4271	ppb	4.0	10257
Mg	24		254610	104.4054	ppb	3.1	2681
Si	28		378470	262.4243	ppb	3.8	42609
Ti	47		78573	102.3448	ppb	1.0	5581
Ti	49		64132	105.2385	ppb	1.7	2760
V	51		924408	108.0389	ppb	0.6	-12355
Cr	52		822770	106.0605	ppb	1.4	20908
Mn	55		1274391	101.1780	ppb	0.2	2296
Fe	54		103411	113.3915	ppb	1.3	37247
Fe	57		35223	102.3276	ppb	1.7	7893
Co	59		1001937	106.0253	ppb	1.3	111
Ni	60		232767	103.0009	ppb	1.5	294
Cu	65		248653	103.6009	ppb	1.6	1106
As	75		175915	98.7933	ppb	1.0	-1019
As-1	75		180675	99.1929	ppb	0.2	8466
Se	78		54477	95.9946	ppb	1.2	9572
Se	82		18249	94.9784	ppb	1.8	48
Sr	88		1944950	100.1011	ppb	1.1	567
Zn	66		157532	97.8447	ppb	0.5	1911
Zn	68		113392	96.8362	ppb	0.9	1695
Y	89		464974		ppb	0.4	459330
Mo	95		305631	103.4555	ppb	1.9	865
In	115	>	429622		ppb	0.4	418319
Ag	107		850944	106.2239	ppb	1.7	479
Cd	111		202201	100.2122	ppb	0.7	61
Sn	118		559940	104.4668	ppb	0.9	1456
Sb	123		458942	106.5823	ppb	1.8	4099
Ba	135		156518	101.6016	ppb	0.7	60
Tb	159		540055	102.6885	ppb	1.3	533806
Mo	92		273329	103.3614	ppb	1.1	509
Ho	165		591086		ppb	1.5	584620
Tl	203		995867	105.1383	ppb	1.2	419
Pb	207		2744794	102.4407	ppb	1.2	1211
Bi	209	>	452644		ppb	1.3	449944

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: CCB-2

Sample Description:

Autosampler Position: 7

Sample Date/Time: Friday, July 28, 2006 16:55:53

Method File: C:\elandata\Method\cel\cel_std_t22.mth

Dataset File: C:\elandata\Dataset\Data\06072801\CCB-2.076

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	>	12431		ppb	2.1	11931
Be	9		6	0.0053	ppb	28.9	5
B	11		1191	1.8854	ppb	7.9	662
B	10		248	2.2871	ppb	13.9	114
Sc	45		240482		ppb	2.0	235700
Al	27		13810	0.7027	ppb	1.1	10257
Mg	24		6706	1.5706	ppb	3.2	2681
Si	28		47702	2.3146	ppb	1.2	42609
Ti	47		5485	-0.5057	ppb	1.7	5581
Ti	49		2919	0.0401	ppb	4.2	2760
V	51		-9230	0.4220	ppb	43.0	-12355
Cr	52		21440	-0.0635	ppb	1.3	20908
Mn	55		3112	0.0549	ppb	1.6	2296
Fe	54		53425	24.4778	ppb	1.9	37247
Fe	57		10053	6.5596	ppb	0.7	7893
Co	59		331	0.0222	ppb	4.5	111
Ni	60		354	0.0198	ppb	10.5	294
Cu	65		845	-0.1288	ppb	2.9	1106
As	75		-625	0.2429	ppb	110.1	-1019
As-1	75		8845	-0.0184	ppb	6.6	8466
Se	78		9915	-0.2617	ppb	1.6	9572
Se	82		178	0.6564	ppb	7.3	48
Sr	88		1591	0.0502	ppb	2.0	567
Zn	66		2441	0.2689	ppb	2.9	1911
Zn	68		1972	0.1652	ppb	3.1	1695
Y	89		477891		ppb	2.2	459330
Mo	95		4750	1.2773	ppb	13.5	865
In	115	>	438719		ppb	0.3	418319
Ag	107		3204	0.3302	ppb	26.0	479
Cd	111		104	0.0193	ppb	15.6	61
Sn	118		4954	0.6275	ppb	9.8	1456
Sb	123		22801	4.2447	ppb	15.8	4099
Ba	135		206	0.0914	ppb	2.8	60
Tb	159		558829	12.4842	ppb	1.2	533806
Mo	92		3919	1.2557	ppb	12.3	509
Ho	165		607457		ppb	0.9	584620
Tl	203		2360	0.1997	ppb	16.0	419
Pb	207		3457	0.0810	ppb	11.3	1211
Bi	209	>	461717		ppb	0.3	449944

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 17:00:03

Method File: C:\elandata\Method\cel\cel_std_t22.mth

Dataset File: C:\elandata\Dataset\Data\06072801\CCB.077

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	>	12367		ppb	1.8	11931
Be	9		1	-0.0177	ppb	100.0	5
B	11		806	0.4537	ppb	6.4	662
B	10		157	0.6878	ppb	9.2	114
Sc	45		234865		ppb	2.6	235700
Al	27		11600	0.2189	ppb	1.1	10257
Mg	24		3889	0.4486	ppb	1.8	2681
Si	28		45695	1.5277	ppb	5.5	42609
Ti	47		5415	-0.4447	ppb	1.9	5581
Ti	49		2763	-0.1229	ppb	2.3	2760
V	51		-12366	0.0406	ppb	38.3	-12355
Cr	52		20613	-0.1143	ppb	1.8	20908
Mn	55		2792	0.0345	ppb	3.4	2296
Fe	54		55650	30.2681	ppb	3.1	37247
Fe	57		10996	10.9018	ppb	2.6	7893
Co	59		156	0.0044	ppb	8.6	111
Ni	60		285	-0.0077	ppb	4.9	294
Cu	65		702	-0.1815	ppb	6.8	1106
As	75		-444	0.3368	ppb	50.0	-1019
As-1	75		8974	0.1619	ppb	4.1	8466
Se	78		9730	-0.2159	ppb	1.0	9572
Se	82		130	0.4224	ppb	17.8	48
Sr	88		799	0.0112	ppb	2.5	567
Zn	66		2017	0.0341	ppb	2.1	1911
Zn	68		1663	-0.0676	ppb	2.7	1695
Y	89		474240		ppb	0.9	459330
Mo	95		1594	0.2398	ppb	3.4	865
In	115	>	429656		ppb	0.9	418319
Ag	107		1037	0.0681	ppb	9.2	479
Cd	111		70	0.0035	ppb	13.6	61
Sn	118		2948	0.2717	ppb	1.5	1456
Sb	123		9794	1.3098	ppb	8.0	4099
Ba	135		216	0.1007	ppb	4.6	60
Tb	159		552540	-54.2280	ppb	1.5	533806
Mo	92		1164	0.2431	ppb	4.2	509
Ho	165		598084		ppb	1.5	584620
Tl	203		891	0.0502	ppb	5.2	419
Pb	207		1471	0.0098	ppb	6.2	1211
Bi	209	>	449753		ppb	0.8	449944

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: 06-07-1072-1

Sample Description: water

Autosampler Position: 28

Sample Date/Time: Friday, July 28, 2006 17:08:12

Method File: C:\elandata\Method\cel\CEL_STD_T22.mth

Dataset File: C:\elandata\Dataset\Data\06072801\06-07-1072-1.079

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	>	12132		ppb	1.1	11931
Be	9		3	-0.0081	ppb	57.7	5
B	11		71421	272.6349	ppb	2.7	662
B	10		14803	266.8485	ppb	0.7	114
Sc	45		284053		ppb	3.0	235700
Al	27		1358738	310.3857	ppb	0.6	10257
Mg	24		69507662	28605.9276	ppb	2.3	2681
Si	28		27171339	20607.7145	ppb	3.3	42609
Ti	47		19793	18.8874	ppb	1.1	5581
Ti	49		12614	16.1071	ppb	2.3	2760
V	51		24946	4.2491	ppb	1.9	-12355
Cr	52		28119	0.7631	ppb	1.3	20908
Mn	55		98276	7.3850	ppb	2.0	2296
Fe	54		216575	298.5369	ppb	0.6	37247
Fe	57		158058	547.2910	ppb	2.6	7893
Co	59		3799	0.3774	ppb	2.2	111
Ni	60		8883	3.6786	ppb	3.5	294
Cu	65		3187	0.8170	ppb	1.3	1106
As	75		223	0.7034	ppb	109.9	-1019
As-1	75		9081	0.0584	ppb	1.1	8466
Se	78		9689	-0.9560	ppb	1.3	9572
Se	82		319	1.3566	ppb	8.1	48
Sr	88		18532582	924.0861	ppb	1.1	567
Zn	66		47756	27.8595	ppb	0.2	1911
Zn	68		41752	33.5686	ppb	0.9	1695
Y	89		491002		ppb	1.3	459330
Mo	95		8828	2.6013	ppb	1.4	865
In	115	>	443581		ppb	1.4	418319
Ag	107		207	-0.0364	ppb	3.4	479
Cd	111		96	0.0150	ppb	8.1	61
Sn	118		1071	-0.0856	ppb	1.5	1456
Sb	123		2592	-0.3982	ppb	3.5	4099
Ba	135		398092	250.3499	ppb	1.1	60
Tb	159		538822	330.1652	ppb	0.5	533806
Mo	92		7552	2.5734	ppb	0.2	509
Ho	165		591259		ppb	0.7	584620
Tl	203		375	-0.0019	ppb	4.9	419
Pb	207		15605	0.5816	ppb	0.9	1211
Bi	209	>	420577		ppb	0.3	449944

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: 06-07-1072-2

Sample Description: water

Autosampler Position: 29

Sample Date/Time: Friday, July 28, 2006 17:12:12

Method File: C:\elandata\Method\cel\CEL_STD_T22.mth

Dataset File: C:\elandata\Dataset\Data\06072801\06-07-1072-2.080

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	>	12118		ppb	3.0	11931
Be	9		1	-0.0159	ppb	114.6	5
B	11		69523	265.6837	ppb	0.7	662
B	10		14884	268.7107	ppb	1.1	114
Sc	45		281942		ppb	0.7	235700
Al	27		23410	2.9987	ppb	2.7	10257
Mg	24		67250253	27723.8846	ppb	1.7	2681
Si	28		25757051	19362.3363	ppb	3.7	42609
Ti	47		6924	1.2917	ppb	0.9	5581
Ti	49		1827	-1.8532	ppb	0.7	2760
V	51		20797	3.7650	ppb	7.2	-12355
Cr	52		27188	0.6144	ppb	1.2	20908
Mn	55		6822	0.3337	ppb	3.5	2296
Fe	54		44082	7.1209	ppb	1.5	37247
Fe	57		86559	283.1845	ppb	1.3	7893
Co	59		2154	0.2069	ppb	5.3	111
Ni	60		8168	3.3425	ppb	2.9	294
Cu	65		2167	0.3958	ppb	1.7	1106
As	75		73	0.6232	ppb	121.2	-1019
As-1	75		9036	-0.0090	ppb	1.3	8466
Se	78		9897	-0.6955	ppb	1.3	9572
Se	82		358	1.5382	ppb	9.7	48
Sr	88		17948646	887.5326	ppb	0.5	567
Zn	66		25567	14.2108	ppb	1.1	1911
Zn	68		25815	19.9972	ppb	1.6	1695
Y	89		488832		ppb	0.6	459330
Mo	95		8496	2.4686	ppb	0.8	865
In	115	>	447286		ppb	0.7	418319
Ag	107		176	-0.0403	ppb	5.9	479
Cd	111		98	0.0158	ppb	3.3	61
Sn	118		960	-0.1073	ppb	2.0	1456
Sb	123		2224	-0.4860	ppb	2.0	4099
Ba	135		382820	238.7503	ppb	0.2	60
Tb	159		542032	346.2325	ppb	0.7	533806
Mo	92		7273	2.4486	ppb	2.7	509
Ho	165		583381		ppb	1.3	584620
Tl	203		254	-0.0155	ppb	10.5	419
Pb	207		5255	0.1668	ppb	0.6	1211
Bi	209	>	418382		ppb	2.0	449944

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 17:44:25

Method File: C:\elandata\Method\cel\CEL_STD_T22.mth

Dataset File: C:\elandata\Dataset\Data\06072801\CCV.088

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	>	14014		ppb	1.3	11931
Be	9		23152	93.8678	ppb	0.9	5
B	11		77104	254.5825	ppb	0.5	662
B	10		15794	246.3157	ppb	0.4	114
Sc	45		240754		ppb	0.9	235700
Al	27		533402	103.8869	ppb	1.5	10257
Mg	24		321077	113.2367	ppb	2.7	2681
Si	28		469875	314.0001	ppb	1.1	42609
Ti	47		83181	102.4377	ppb	0.7	5581
Ti	49		69047	107.2010	ppb	1.0	2760
V	51		991248	109.5007	ppb	2.2	-12355
Cr	52		901627	109.9810	ppb	2.1	20908
Mn	55		1343994	100.8717	ppb	1.5	2296
Fe	54		109096	112.9138	ppb	2.5	37247
Fe	57		34935	94.0405	ppb	1.0	7893
Co	59		1006469	100.6811	ppb	1.6	111
Ni	60		234891	98.2582	ppb	1.2	294
Cu	65		248773	97.9675	ppb	0.6	1106
As	75		181955	96.6154	ppb	0.2	-1019
As-1	75		186462	96.6549	ppb	0.4	8466
Se	78		57009	94.7399	ppb	1.2	9572
Se	82		19270	94.8124	ppb	1.6	48
Sr	88		2100318	102.1920	ppb	0.1	567
Zn	66		159031	93.3228	ppb	1.2	1911
Zn	68		115086	92.8499	ppb	1.0	1695
Y	89		496167		ppb	0.4	459330
Mo	95		317003	101.4326	ppb	1.2	865
In	115	>	454444		ppb	0.2	418319
Ag	107		872226	102.9273	ppb	0.7	479
Cd	111		211879	99.2727	ppb	0.5	61
Sn	118		588598	103.8135	ppb	0.8	1456
Sb	123		465910	102.2456	ppb	3.6	4099
Ba	135		163421	100.2880	ppb	0.9	60
Tb	159		544763	417.1432	ppb	0.4	533806
Mo	92		284975	101.8735	ppb	1.9	509
Ho	165		582533		ppb	1.0	584620
Tl	203		976640	104.1662	ppb	2.3	419
Pb	207		2695713	101.6169	ppb	1.3	1211
Bi	209	>	448149		ppb	1.3	449944

QC Out Of Limits

Mass	Analyte	Out of Limits Message
24	Mg	

SAMPLE INFORMATION

Sample ID: CCB-2

Sample Description:

Autosampler Position: 7

Sample Date/Time: Friday, July 28, 2006 17:49:17

Method File: C:\elandata\Method\cel\cel_std_t22.mth

Dataset File: C:\elandata\Dataset\Data\06072801\CCB-2.089

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	>	15021		ppb	1.2	11931
Be	9		5	-0.0022	ppb	84.5	5
B	11		1525	2.1519	ppb	6.3	662
B	10		316	2.5334	ppb	7.5	114
Sc	45		254488		ppb	0.8	235700
Al	27		16717	0.7080	ppb	3.1	10257
Mg	24		11114	2.5727	ppb	3.4	2681
Si	28		63387	11.4287	ppb	1.2	42609
Ti	47		6332	0.1358	ppb	1.1	5581
Ti	49		2612	-0.7404	ppb	1.4	2760
V	51		-6452	0.7829	ppb	14.3	-12355
Cr	52		24743	0.1726	ppb	1.2	20908
Mn	55		5046	0.1819	ppb	3.1	2296
Fe	54		55277	21.9712	ppb	1.2	37247
Fe	57		9354	1.8981	ppb	1.0	7893
Co	59		224	0.0098	ppb	25.2	111
Ni	60		336	0.0033	ppb	3.7	294
Cu	65		958	-0.1063	ppb	0.8	1106
As	75		-962	0.0915	ppb	36.1	-1019
As-1	75		8960	-0.2566	ppb	4.6	8466
Se	78		10410	-0.5354	ppb	1.0	9572
Se	82		195	0.6821	ppb	6.8	48
Sr	88		1963	0.0631	ppb	6.7	567
Zn	66		2718	0.3385	ppb	0.7	1911
Zn	68		2084	0.1538	ppb	2.3	1695
Y	89		514692		ppb	0.6	459330
Mo	95		4086	0.9760	ppb	8.8	865
In	115	>	466871		ppb	1.6	418319
Ag	107		2924	0.2754	ppb	22.5	479
Cd	111		96	0.0128	ppb	10.8	61
Sn	118		3998	0.4092	ppb	9.4	1456
Sb	123		17718	2.8404	ppb	14.9	4099
Ba	135		229	0.0969	ppb	7.0	60
Tb	159		558505	429.7677	ppb	0.5	533806
Mo	92		3379	0.9809	ppb	8.8	509
Ho	165		605443		ppb	0.8	584620
Tl	203		2027	0.1671	ppb	17.7	419
Pb	207		2707	0.0545	ppb	14.1	1211
Bi	209	>	458137		ppb	0.7	449944

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 17:53:27

Method File: C:\elandata\Method\cel\cel_std_t22.mth

Dataset File: C:\elandata\Dataset\Data\06072801\CCB.090

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	>	14729		ppb	0.1	11931
Be	9		2	-0.0132	ppb	65.5	5
B	11		1121	0.9663	ppb	1.7	662
B	10		230	1.3409	ppb	9.4	114
Sc	45		251880		ppb	3.0	235700
Al	27		14270	0.3047	ppb	1.8	10257
Mg	24		6483	1.0754	ppb	4.7	2681
Si	28		59038	8.3952	ppb	0.5	42609
Ti	47		6193	-0.0253	ppb	2.0	5581
Ti	49		2527	-0.8653	ppb	2.2	2760
V	51		-10413	0.3568	ppb	19.8	-12355
Cr	52		24815	0.1889	ppb	1.3	20908
Mn	55		4352	0.1318	ppb	4.2	2296
Fe	54		57820	26.2622	ppb	1.6	37247
Fe	57		10298	5.2618	ppb	2.2	7893
Co	59		102	-0.0021	ppb	4.5	111
Ni	60		281	-0.0189	ppb	5.6	294
Cu	65		830	-0.1548	ppb	2.3	1106
As	75		-1190	-0.0287	ppb	33.1	-1019
As-1	75		8950	-0.2526	ppb	3.5	8466
Se	78		10422	-0.4639	ppb	0.8	9572
Se	82		120	0.3225	ppb	14.2	48
Sr	88		1146	0.0244	ppb	4.9	567
Zn	66		2290	0.0938	ppb	0.8	1911
Zn	68		1865	-0.0172	ppb	0.2	1695
Y	89		511414		ppb	1.3	459330
Mo	95		1304	0.1070	ppb	6.3	865
In	115	>	465688		ppb	0.2	418319
Ag	107		913	0.0438	ppb	11.3	479
Cd	111		72	0.0019	ppb	11.4	61
Sn	118		2347	0.1253	ppb	1.3	1456
Sb	123		7109	0.5504	ppb	6.0	4099
Ba	135		225	0.0950	ppb	5.0	60
Tb	159		555597	447.7006	ppb	0.9	533806
Mo	92		860	0.1025	ppb	3.8	509
Ho	165		605974		ppb	2.2	584620
Tl	203		701	0.0292	ppb	6.4	419
Pb	207		1268	0.0017	ppb	3.7	1211
Bi	209	>	454697		ppb	1.8	449944

QC Out Of Limits

Mass	Analyte	Out of Limits Message

SAMPLE INFORMATION

Sample ID: ICS AB

Sample Description:

Autosampler Position: 11

Sample Date/Time: Friday, July 28, 2006 20:23:39

Method File: C:\elandata\Method\cel\cel_std_t22.mth

Dataset File: C:\elandata\Dataset\Data\06072801\ICS AB.126

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	>	9722		ppb	1.1	13308
Be	9		4	0.0149	ppb	48.0	3
B	11		809	-6.4482	ppb	7.8	2850
B	10		184	-5.7703	ppb	11.9	581
Sc	45		193804		ppb	0.8	244299
Al	27		37015795	9965.2219	ppb	3.6	28547
Mg	24		23005976	10327.7593	ppb	1.8	6351
Si	28		48626	-5.4689	ppb	2.2	58958
Ti	47		145945	200.3075	ppb	0.7	5902
Ti	49		109348	181.6664	ppb	1.6	1750
V	51		177050	21.1889	ppb	1.9	-14307
Cr	52		156770	16.3199	ppb	1.5	33800
Mn	55		237872	19.1193	ppb	2.1	2793
Fe	54		13481393	24002.3318	ppb	3.1	49003
Fe	57		4990716	20556.4618	ppb	1.6	8468
Co	59		164781	18.8942	ppb	1.8	98
Ni	60		38315	18.1682	ppb	1.0	305
Cu	65		40745	17.8695	ppb	0.9	874
As	75		16114	10.0763	ppb	2.0	-954
As-1	75		26050	10.2146	ppb	1.5	9694
Se	78		14719	9.3937	ppb	1.2	10873
Se	82		1771	9.0155	ppb	2.0	100
Sr	88		45741	2.3506	ppb	1.2	843
Zn	66		15907	9.4035	ppb	2.2	2039
Zn	68		10414	8.4091	ppb	1.7	1522
Y	89		455905		ppb	0.4	490240
Mo	95		550022	192.9708	ppb	2.0	702
In	115	>	417778		ppb	0.6	435361
Ag	107		29647	3.8175	ppb	6.9	550
Cd	111		20157	10.4526	ppb	0.3	54
Sn	118		1194	-0.0687	ppb	12.5	1618
Sb	123		5714	0.4633	ppb	7.1	3938
Ba	135		223	0.0868	ppb	6.7	100
Tb	159		470675	290.6813	ppb	1.1	508507
Mo	92		492476	191.4671	ppb	1.9	363
Ho	165		504978		ppb	1.0	550932
Tl	203		1435	0.1644	ppb	27.2	309
Pb	207		3930	0.1562	ppb	6.5	1016
Bi	209	>	341246		ppb	2.9	415290

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 20:28:21

Method File: C:\elandata\Method\cel\cel_std_t22.mth

Dataset File: C:\elandata\Dataset\Data\06072801\ICS A.127

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	>	9905		ppb	0.5	13308
Be	9		3	**0.0041**	ppb	78.1	3
B	11		559	**-7.7607**	ppb	4.2	2850
B	10		120	**-7.3489**	ppb	5.4	581
Sc	45		195242		ppb	3.4	244299
Al	27		36089357	**9535.1485**	ppb	0.2	28547
Mg	24		21920041	**9658.3417**	ppb	0.9	6351
Si	28		48128	**-5.6622**	ppb	1.6	58958
Ti	47		144516	**199.1844**	ppb	3.6	5902
Ti	49		109176	**182.1838**	ppb	3.2	1750
V	51		689	**1.6019**	ppb	110.8	-14307
Cr	52		10155	**-2.9185**	ppb	5.2	33800
Mn	55		11852	**0.7498**	ppb	1.7	2793
Fe	54		13354206	**23882.3580**	ppb	0.4	49003
Fe	57		5031705	**20816.1214**	ppb	3.0	8468
Co	59		3109	**0.3475**	ppb	3.4	98
Ni	60		1594	**0.6251**	ppb	2.3	305
Cu	65		1412	**0.2599**	ppb	2.8	874
As	75		-414	**0.2960**	ppb	55.2	-954
As-1	75		9949	**0.4217**	ppb	2.9	9694
Se	78		10376	**-0.0268**	ppb	1.5	10873
Se	82		21	**-0.4006**	ppb	47.2	100
Sr	88		45378	**2.3421**	ppb	0.3	843
Zn	66		2307	**0.2432**	ppb	4.0	2039
Zn	68		1126	**-0.3093**	ppb	3.1	1522
Y	89		457565		ppb	0.5	490240
Mo	95		547914	**193.0636**	ppb	1.3	702
In	115	>	415948		ppb	0.4	435361
Ag	107		375	**-0.0198**	ppb	7.3	550
Cd	111		990	**0.4904**	ppb	3.0	54
Sn	118		537	**-0.1941**	ppb	0.6	1618
Sb	123		2751	**-0.2433**	ppb	2.5	3938
Ba	135		168	**0.0500**	ppb	18.1	100
Tb	159		474763	**187.2003**	ppb	1.3	508507
Mo	92		494347	**193.0314**	ppb	1.6	363
Ho	165		509355		ppb	0.1	550932
Tl	203		475	**0.0297**	ppb	10.6	309
Pb	207		3409	**0.1270**	ppb	1.0	1016
Bi	209	>	346660		ppb	1.8	415290

QC Out Of Limits

Mass	Analyte	Out of Limits Message

Calscience
Environmental
Laboratories, Inc.

Perchlorate by EPA 314.0

Camp Dresser & McKee

CEL W.O. 06-07-1072

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	43	060724	060724#43	06-07-0913-642X	W	1250µL	2940	N/A	HB	rerun batch
	44		44	-7A 2X			3080			
	45		45	-8A 2X			2670			
	46		46	-9A 2X			3490			
	47		47	-10A 2X			2870			
	48		48	CCCS			N/A	G051606B		
	49		49	06-07-0913-1A2X			2710	N/A		
	50		50	-12A 2X			2610			
	51		51	06-07-1072-1C			900			
	52		52	-1C MS				G051606A		
	53		53	-1C MSD						
	54		54	-2C			960	N/A		
	55		55	06-07-1090-162X			3200			
	56		56	-2G			1600			
	57		57	-3G			1700			
	58		58	-4G			1380			
	59		59	-5G			1260			
	60		60	-6G			1860			
	61		61	ECCS			N/A	G051606P		
07/25/06	1	060725	060725 #1	Blank	W	1250µL	N/A	N/A	HB	
	2		2	STD 1				G051606A		

Reviewed by ____ Date ____/____/____

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
07/25/06	3	060725	060725 #3	STD 2	W	1250 µL	N/A	G051606O	[illegible]	
	4		4	3				P		
	5		5	4				Q		
	6		6	5				R		
	7		7	QCS				G010406 A		
	8		8	IPC				G061906 A		
	9		9	MB				N/A		
	10		10	ICCS				G051606M		
	11		11	LCS				m		
	12		12	LCSD				m		
	13		13	06-07-0913-1A 50X			3890	N/A		
	14		14	-2A 500X			4180			
	15		15	-3A 1000X			5970			
	16		16	-4A 5000X			4300			
	17		17	-5A 500X			3770			
	18		18	-6A 50X			2940			
	19		19	-7A 2X			3880			
	20		20	-8A 2X			2670			
	21		21	-9A 2X			3490			
	22		22	-10A 2X			2870			
	23		23	CCCS			N/A	G051606Q		

Reviewed by ____ Date ____/____/____

Perchlorate Ver 1.xls, 07/17/98 Revision

PERCHLORATE INSTRUMENT LOGBOOK

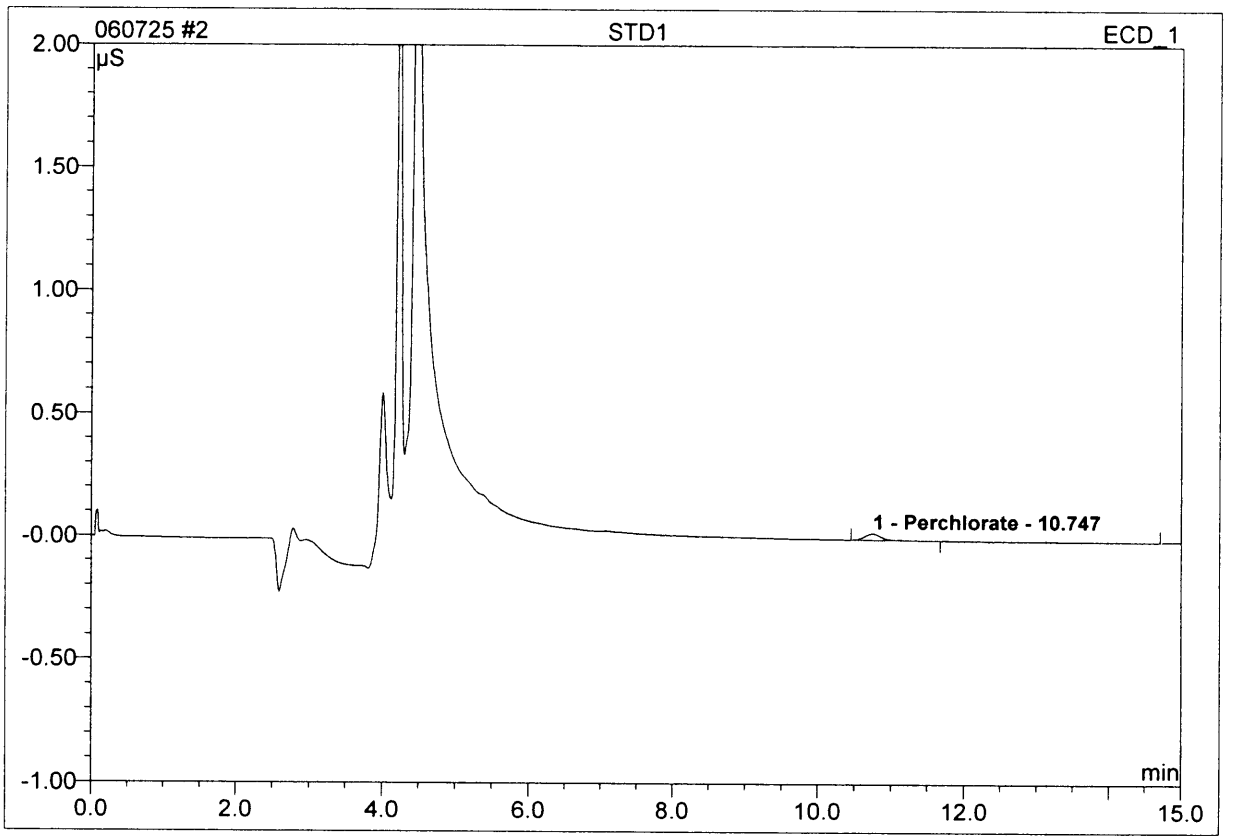
Calscience Environmental Laboratories, Inc.

Date Loaded	Pos	Directory	Data File	CEL ID #	Mtx	Amount Loaded	COND. (us/cm)	Lot # Cal. Std.	By	Comments
07/25/06	24	060725	060725 #24	06-07-0913-11A 20x	WS	1250µL	2710	N/A	HO	
	25		25	-12A 2X			2610			
	26		26	06-07-1072-2C #07/26			900			
	27		27	-1C MS				G051606M		
	28		28	-1C MSD						
	29		29	-2C			960	N/A		
	30		30	06-07-1090-1G 2X			3200			
	31		31	-2G			1600			
	32		32	-3G			1700			
	33		33	-4G			1380			
	34		34	-5G			1260			
	35		35	-6G			1860			
	36		36	ECCS			N/A	G051606P		
	37		37	ICCS				n		
	38		38	06-07-0913-11A 20x			2710	N/A		
	39		39	06-07-0913-12A 2X			2610			
	40		40	06-07-1072-2C			960			
	41		41	ECCS			N/A	G051606R		

Operator:eleo ng Timebase:ICS2000 Sequence:060725

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	

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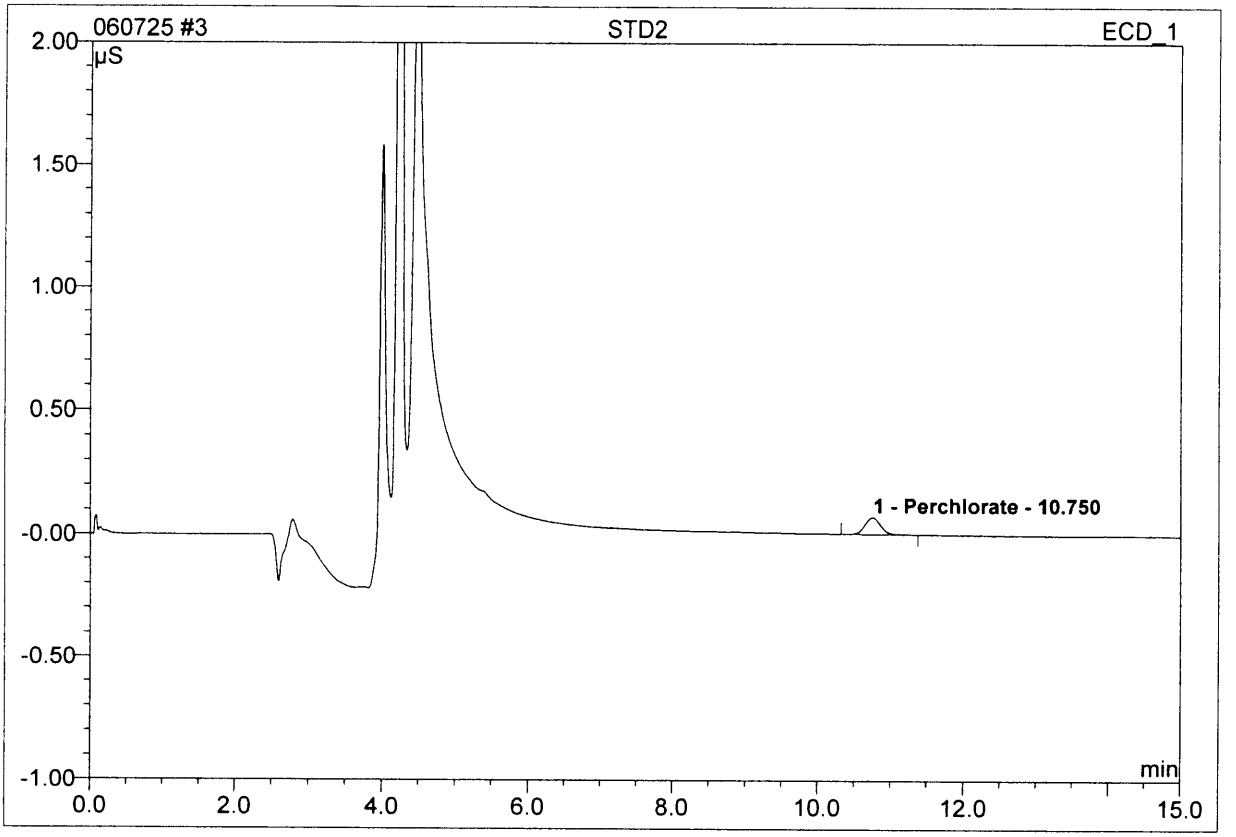
Version 6.60 Build 1428

Operator:eleo ng Timebase:ICS2000 Sequence:060725

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	

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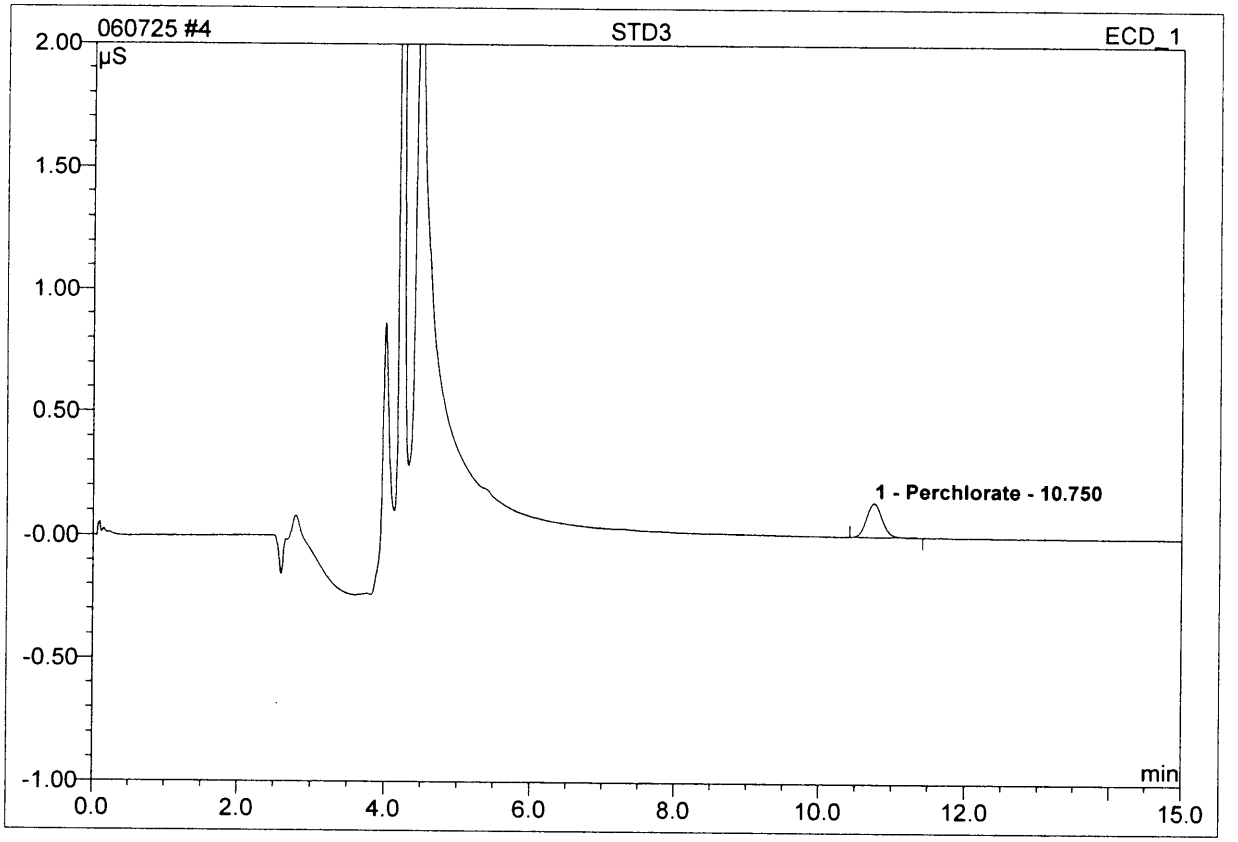
Version 6.60 Build 1428

Operator:eleo ng Timebase:ICS2000 Sequence:060725

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	

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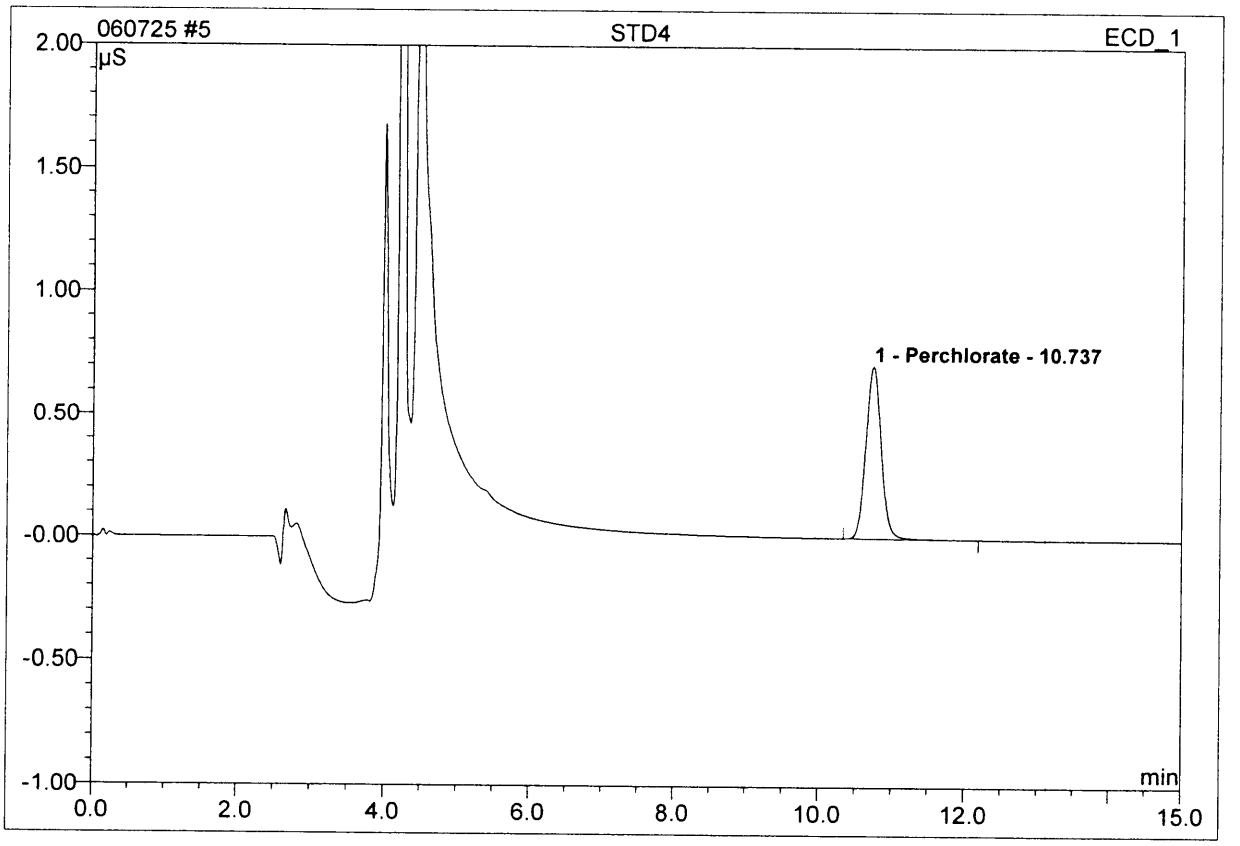
Version 6.60 Build 1428

Operator:eleo ng Timebase:ICS2000 Sequence:060725

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	

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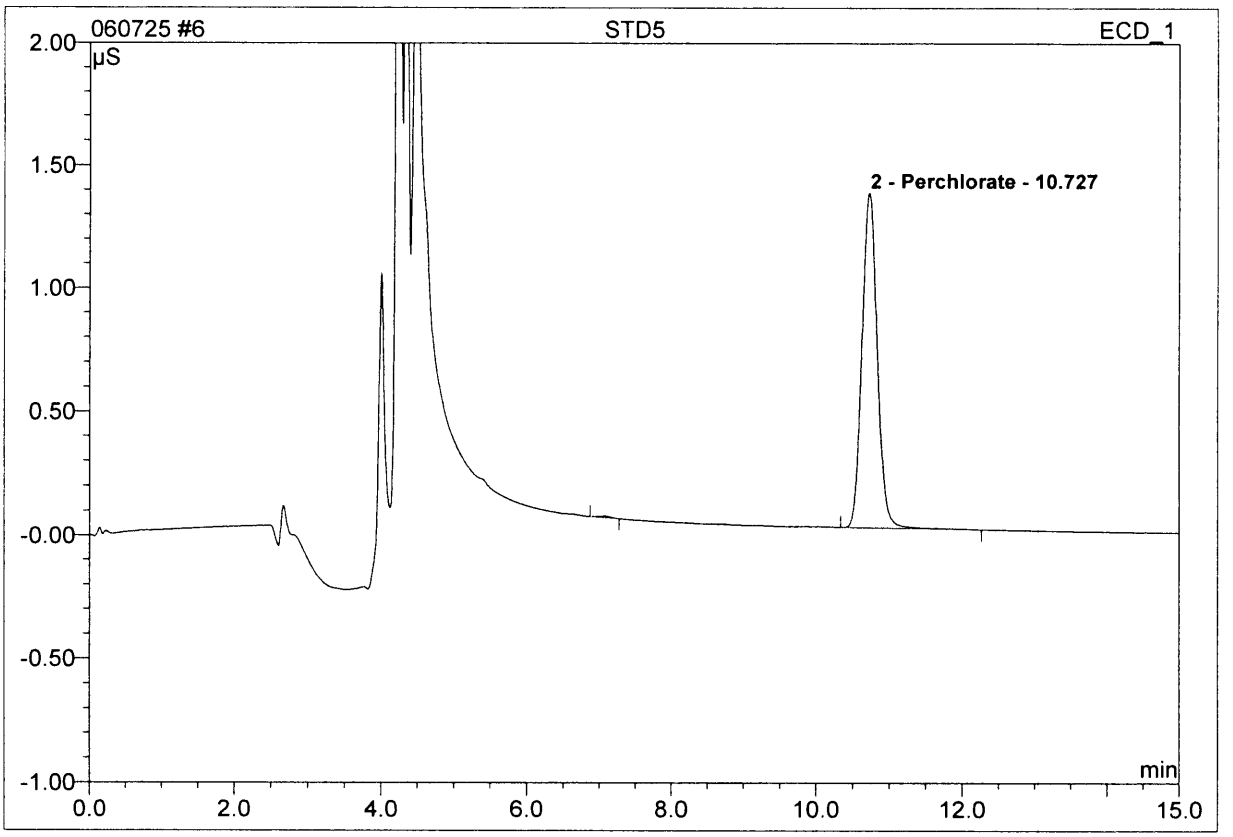
6 STD5

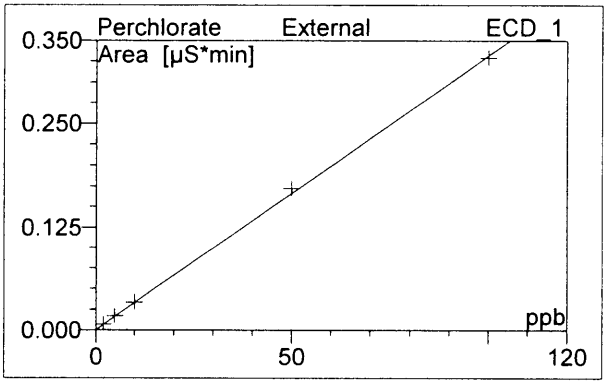
Sample Name:	**STD5**	*Injection Volume:*	**1250.0**
Vial Number:	**22**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/24/2006 18:04**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

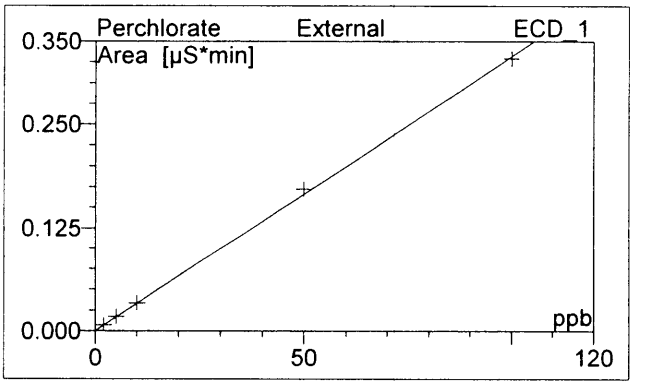


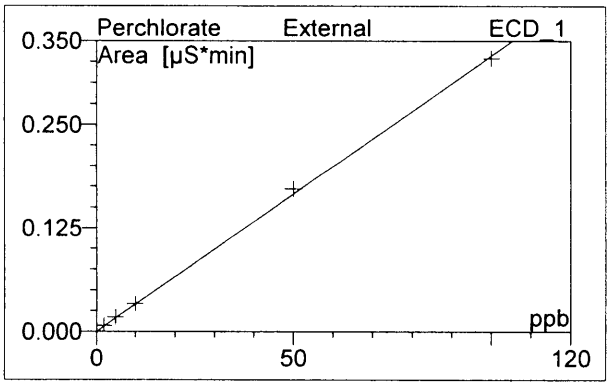
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
2	10.73	Perchlorate	1.355	0.329	99.61	99.088	BMB
Total:			1.355	0.329	99.61	99.088	

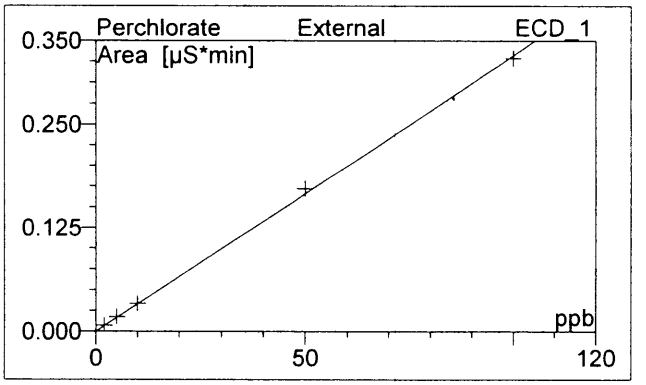
6 STD5

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**





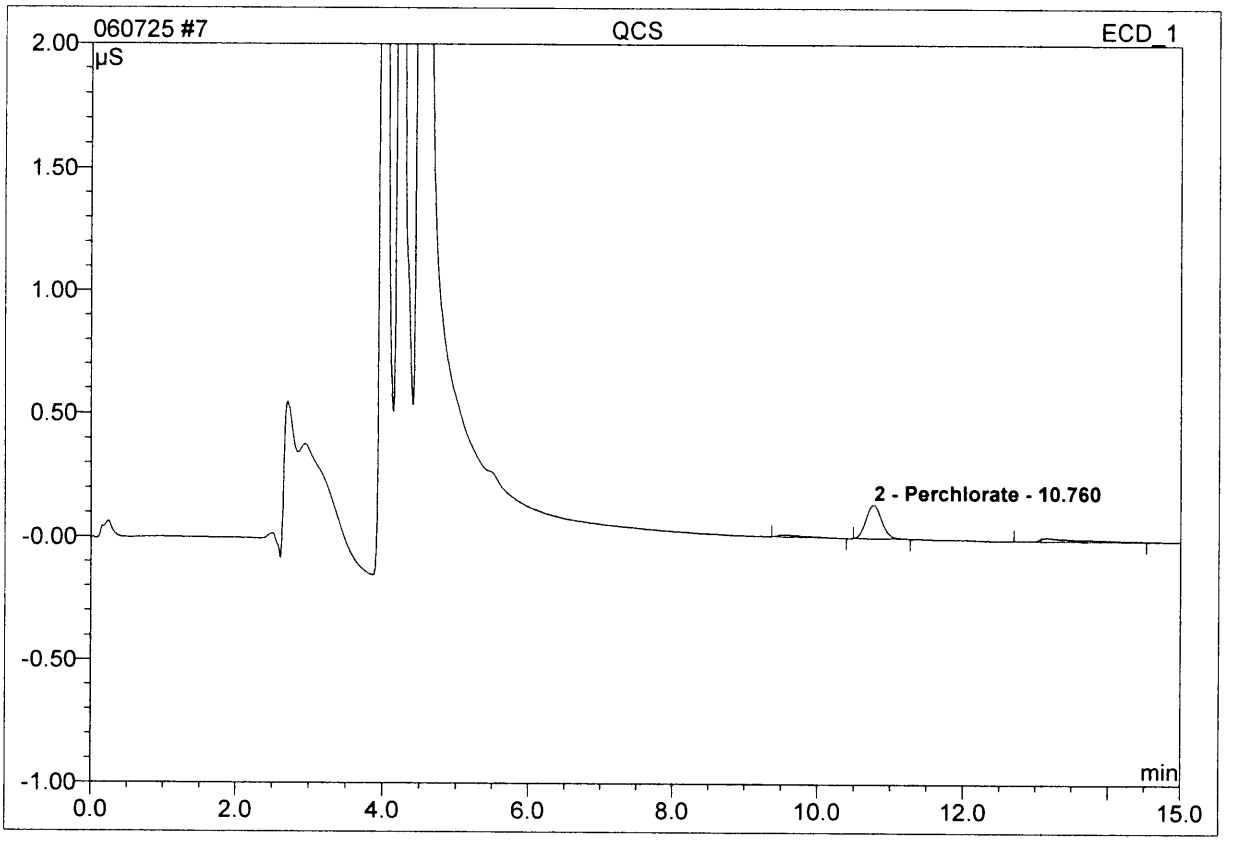




No.	Ret.Time min	Peak Name	Cal.Type	Points	Corr.Coeff. %	Offset	Slope	Curve
1	7.07	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	10.73	Perchlorate	Lin	5	99.9747	0.0000	0.0033	0.0000
Average:					99.9747	0.0000	0.0033	0.0000

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:	**7/25/2006 18:17**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

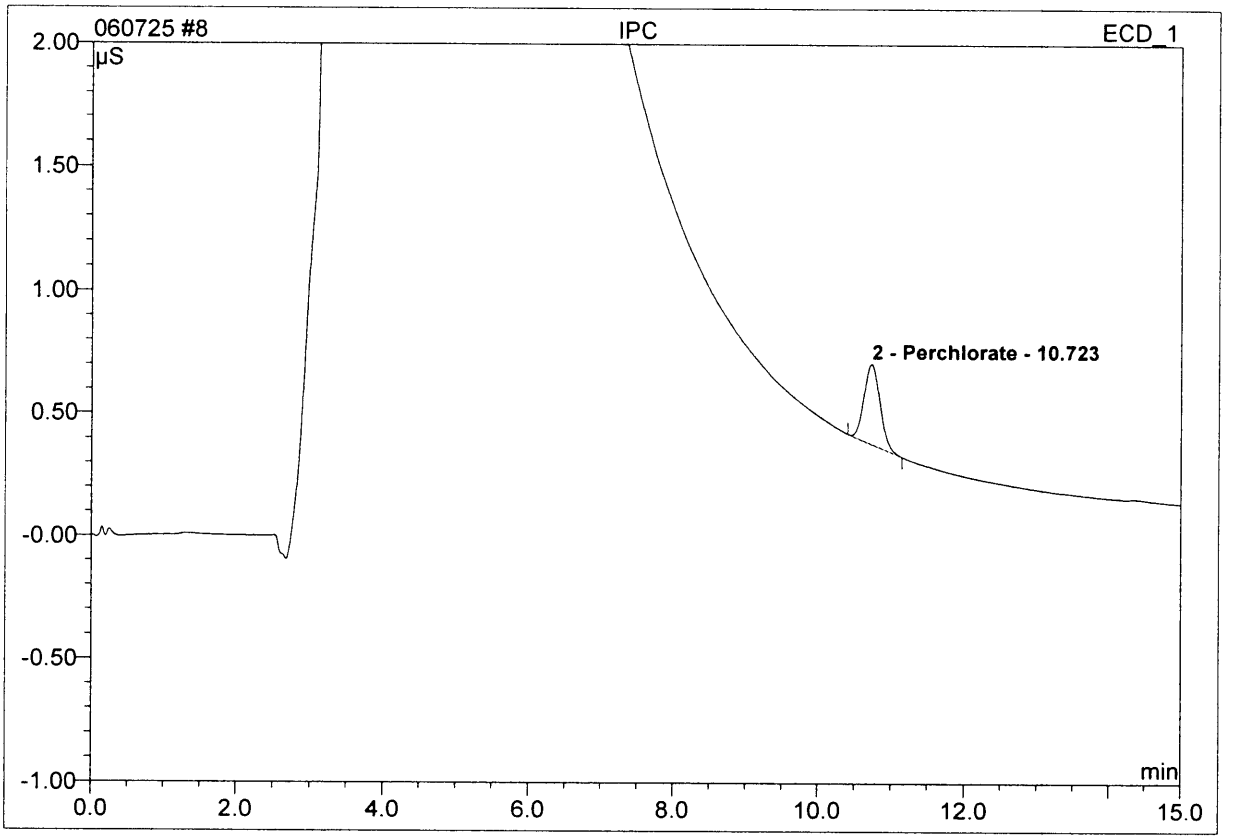


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
2	10.76	Perchlorate	0.136	0.034	71.92	10.280	BMB
Total:			0.136	0.034	71.92	10.280	

Operator:eleo ng Timebase:ICS2000 Sequence:060725

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:	**7/25/2006 18:35**	*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
2	10.72	Perchlorate	0.326	0.084	0.02	25.173	BMB
Total:			0.326	0.084	0.02	25.173	

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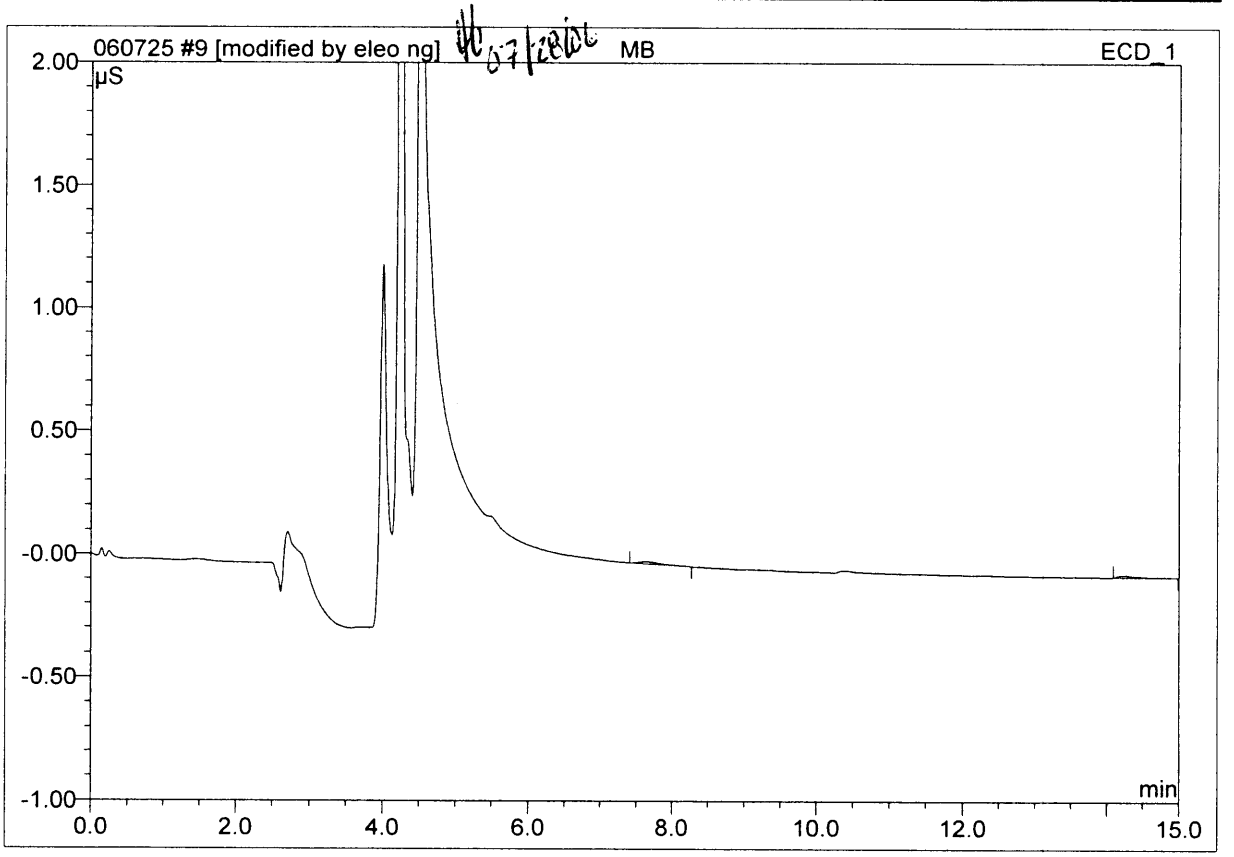
9 MB

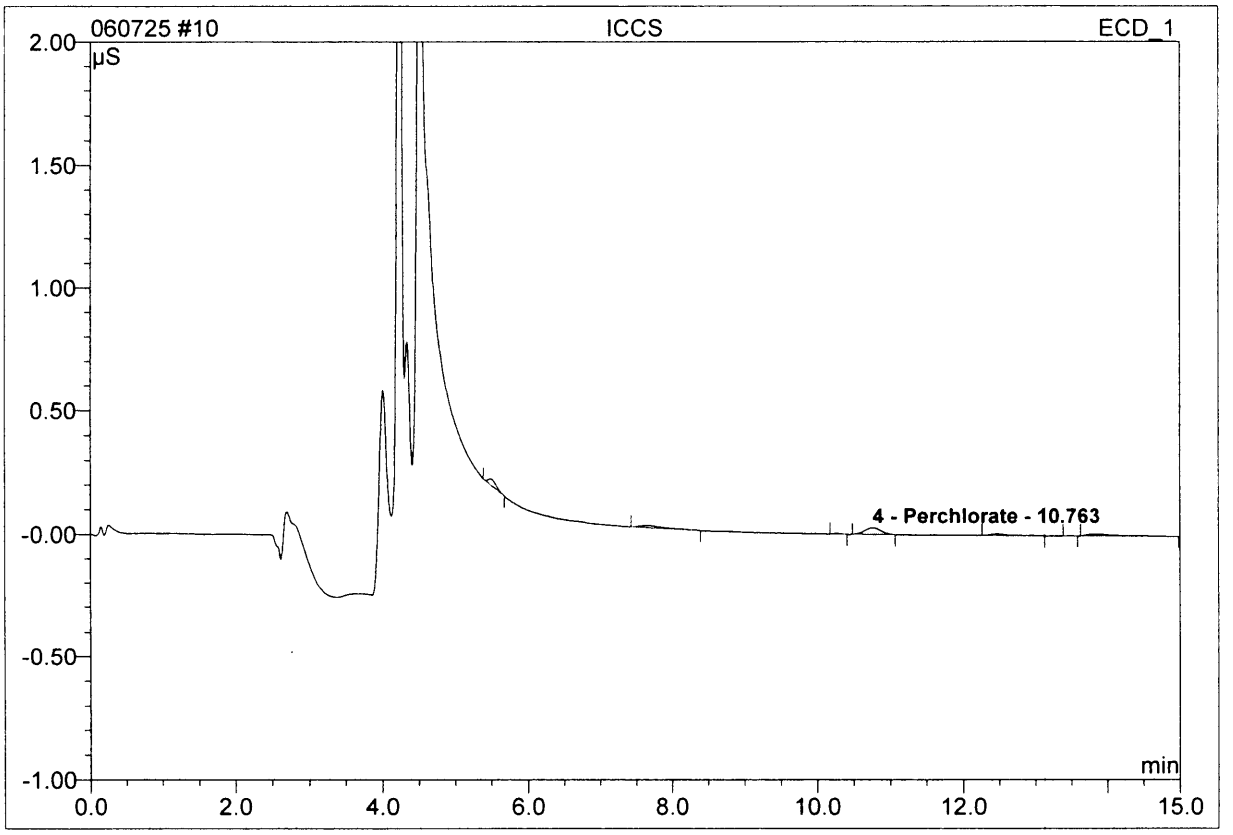
Sample Name:	**MB**	*Injection Volume:*	**1250.0**
Vial Number:	**22**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/25/2006 18:52**	*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 ppb	Type
Total:			0.000	0.000	0.00	0.000	

10 ICCS

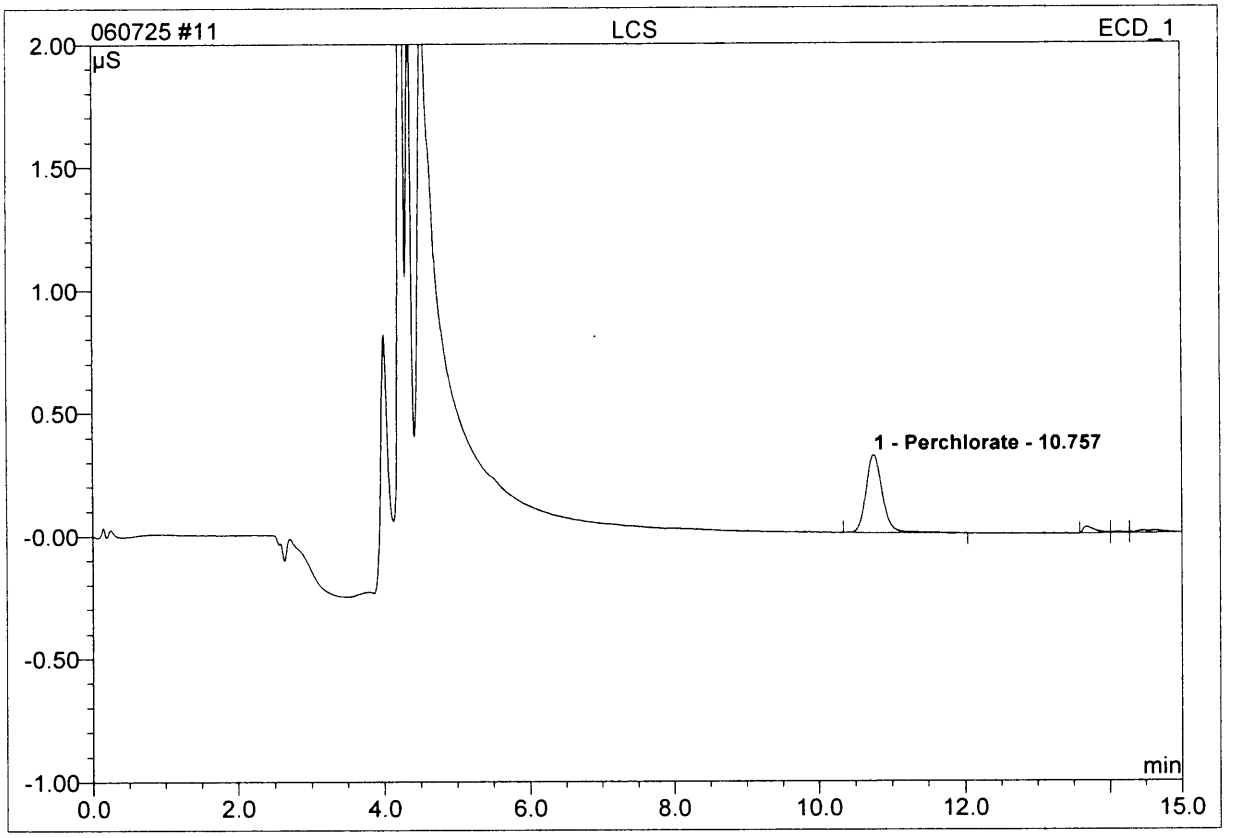
Sample Name:	**ICCS**	*Injection Volume:*	**1250.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/25/2006 19:09**	*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
4	10.76	Perchlorate	0.027	0.007	33.65	2.076	BMB
Total:			0.027	0.007	33.65	2.076	

11 LCS

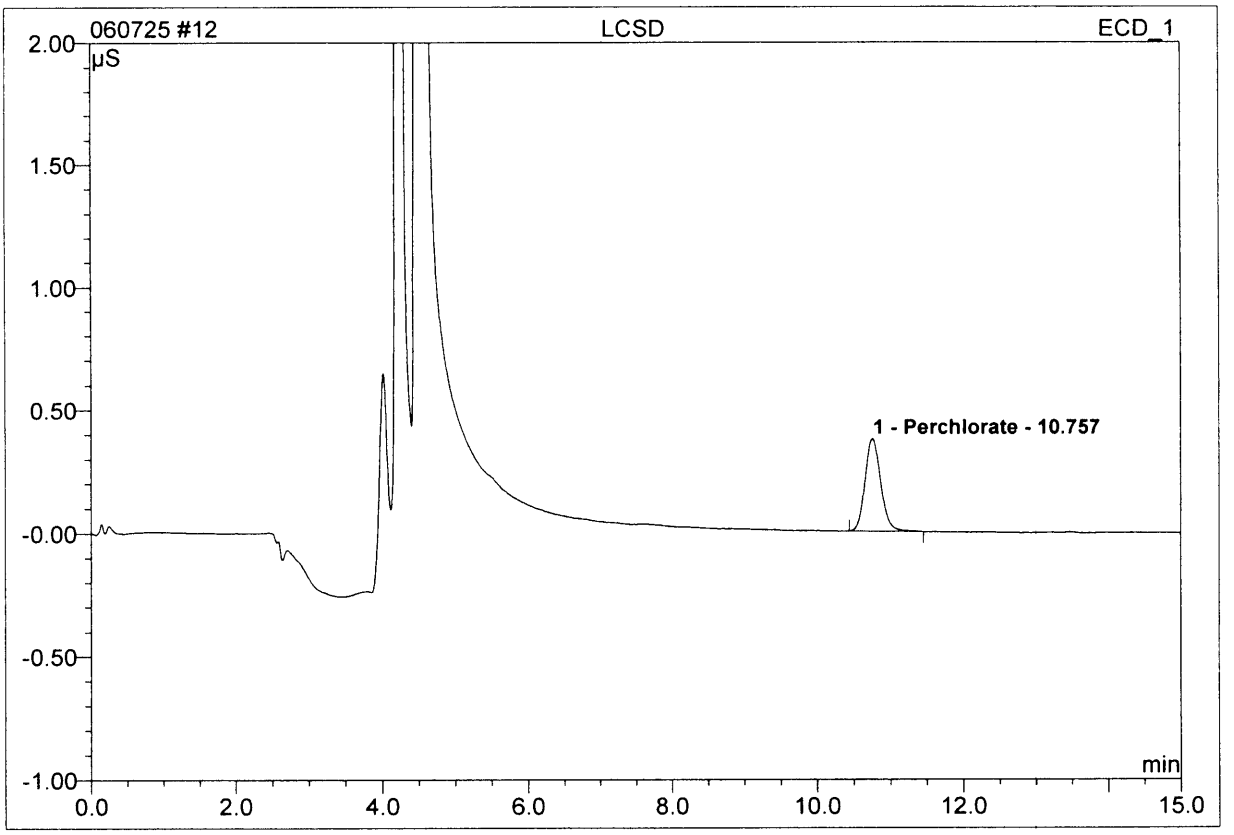
Sample Name:	**LCS**	*Injection Volume:*	**1250.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/25/2006 19:46**	*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	10.76	Perchlorate	0.318	0.082	88.31	24.632	BMB
Total:			0.318	0.082	88.31	24.632	

12 LCSD

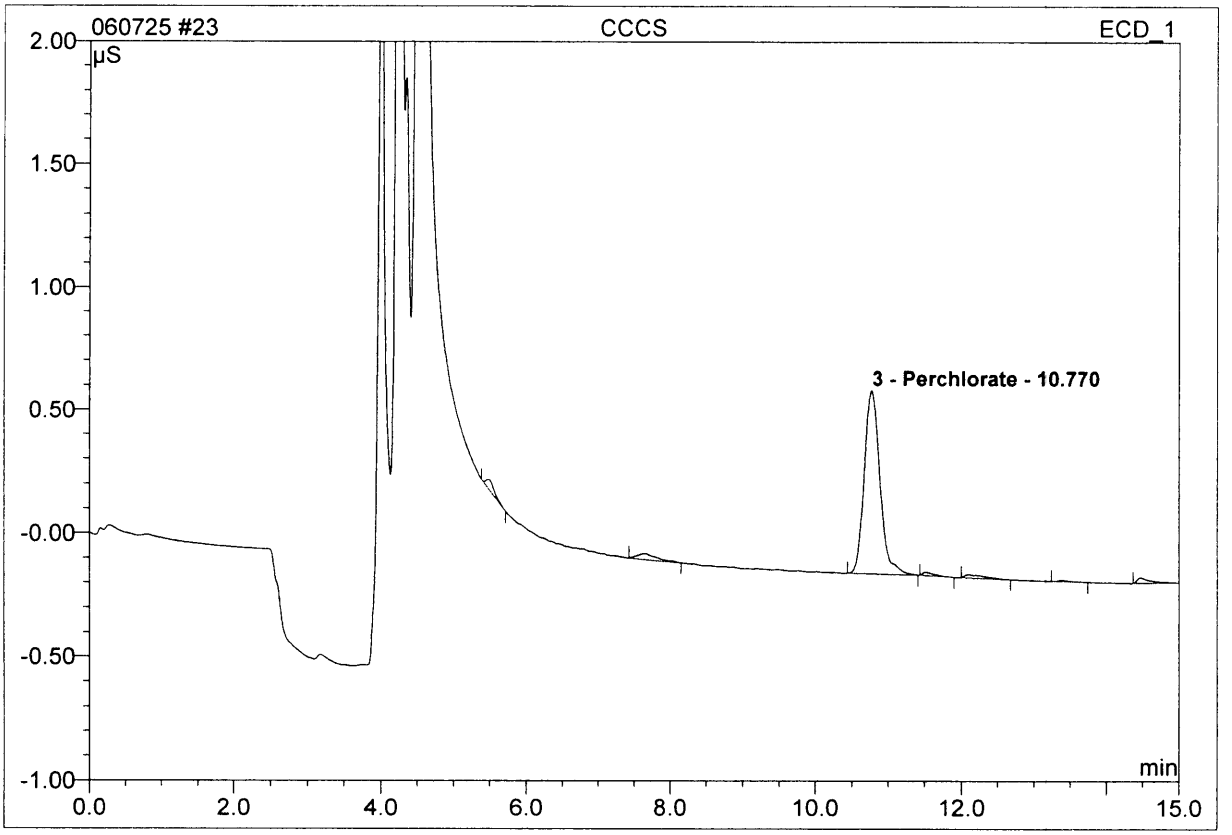
Sample Name:	**LCSD**	*Injection Volume:*	**1250.0**
Vial Number:	**25**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/25/2006 20:03**	*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	10.76	Perchlorate	0.375	0.094	100.00	28.227	BMB
Total:			0.375	0.094	100.00	28.227	

23 CCCS

Sample Name:	**CCCS**	*Injection Volume:*	**1250.0**
Vial Number:	**61**	*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 23:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

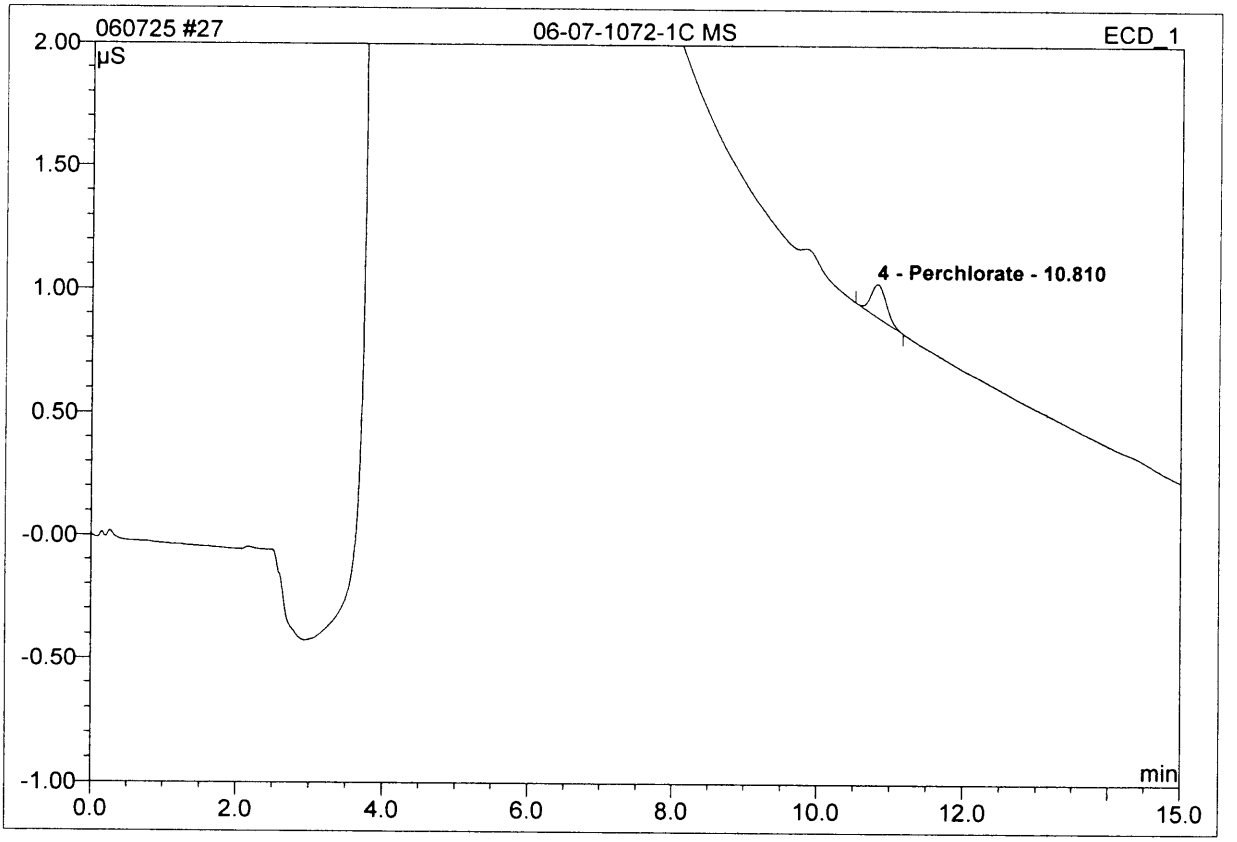


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
3	10.77	Perchlorate	0.742	0.186	87.86	55.980	BMB
Total:			0.742	0.186	87.86	55.980	

Operator:eleo ng Timebase:ICS2000 Sequence:060725

27 06-07-1072-1C MS

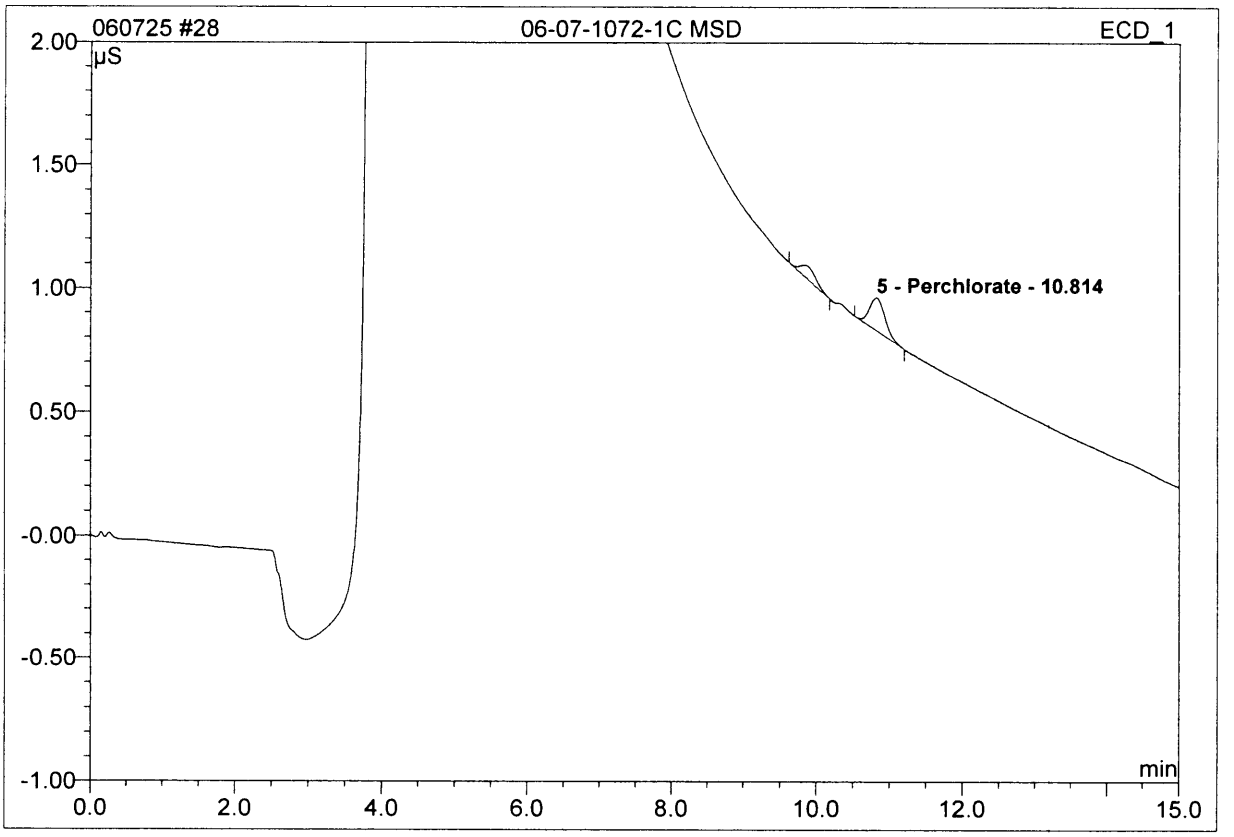
Sample Name:	**06-07-1072-1C MS**	*Injection Volume:*	**1250.0**
Vial Number:	**65**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/26/2006 0:24**	*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
4	10.81	Perchlorate	0.133	0.033	0.01	9.911	BMB
Total:			0.133	0.033	0.01	9.911	

28 06-07-1072-1C MSD

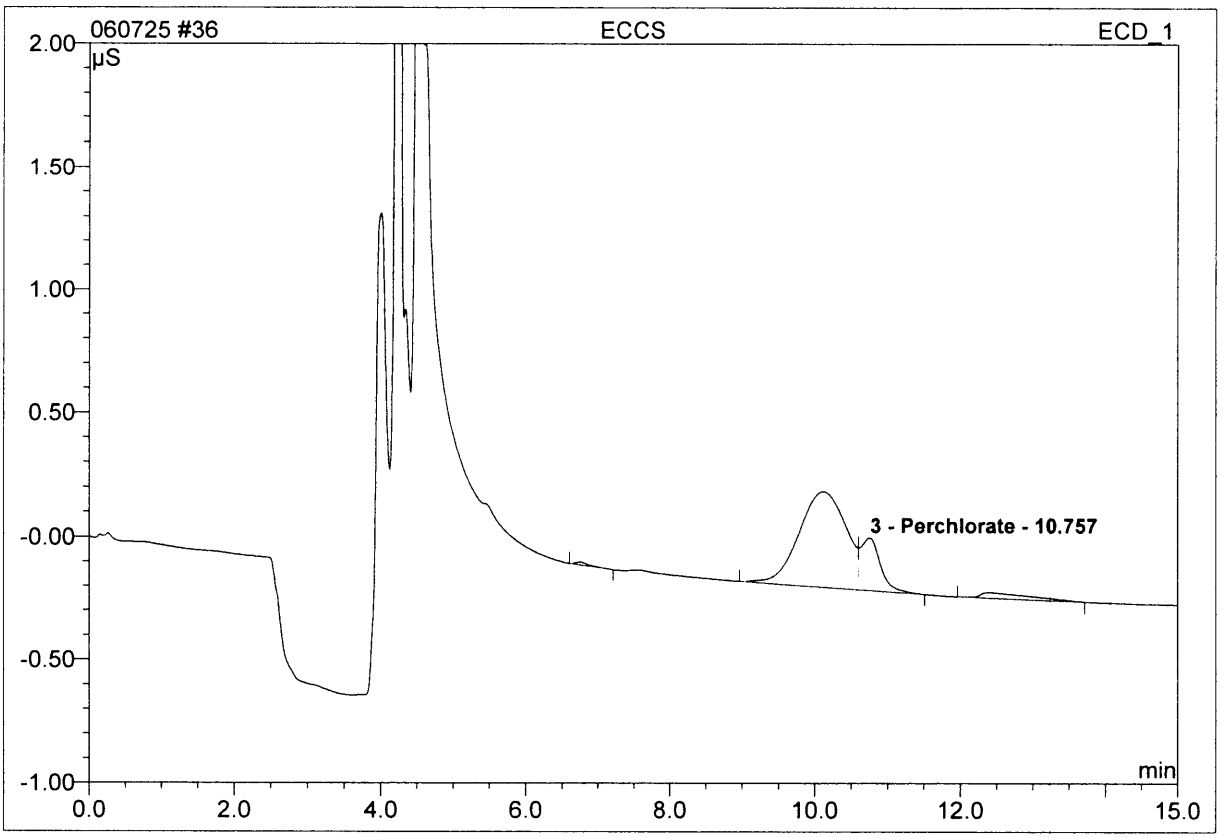
Sample Name:	**06-07-1072-1C MSD**	*Injection Volume:*	**1250.0**
Vial Number:	**66**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/26/2006 0:42**	*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
5	10.81	Perchlorate	0.134	0.033	0.01	9.971	BMB
Total:			0.134	0.033	0.01	9.971	

36 ECCS

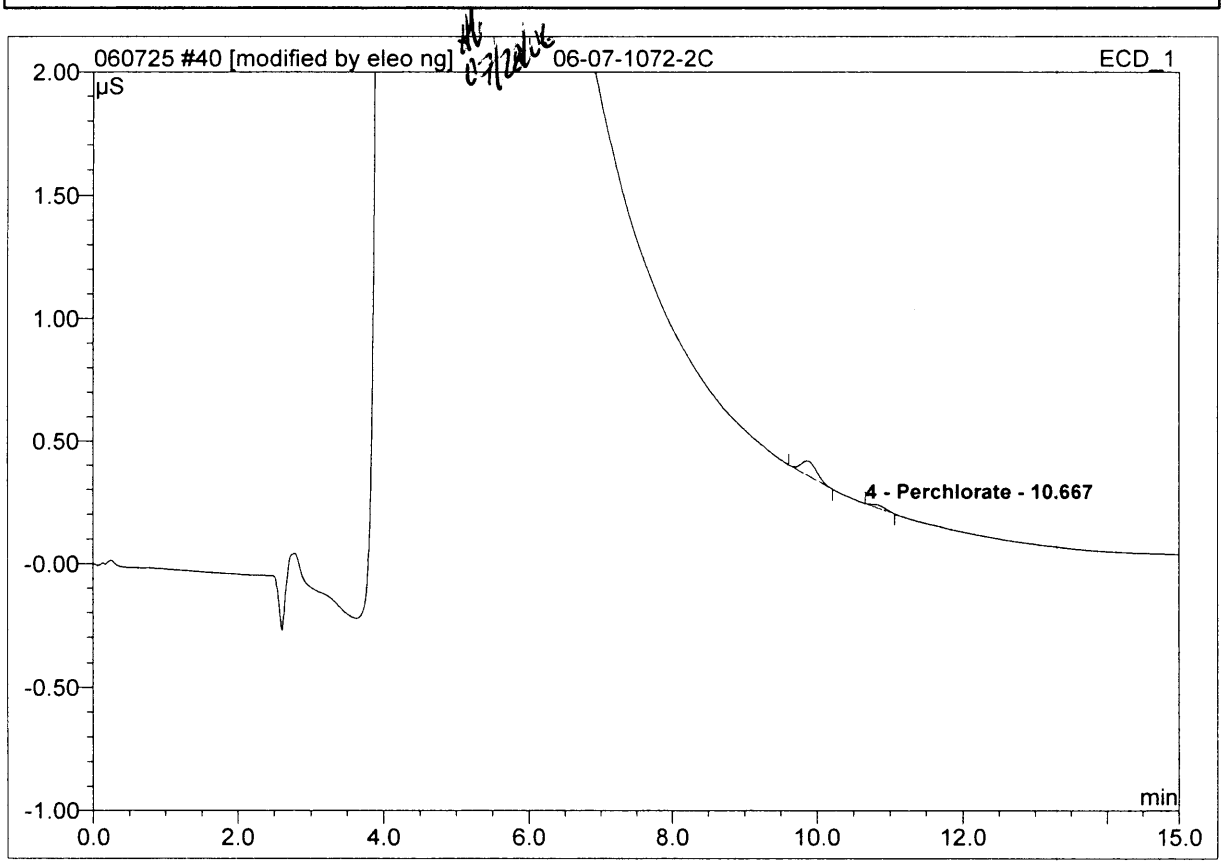
Sample Name:	**ECCS**	*Injection Volume:*	**1250.0**
Vial Number:	**74**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/26/2006 3:01**	*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	0.215	0.067	17.73	20.193	MB
Total:			0.215	0.067	17.73	20.193	

40 06-07-1072-2C

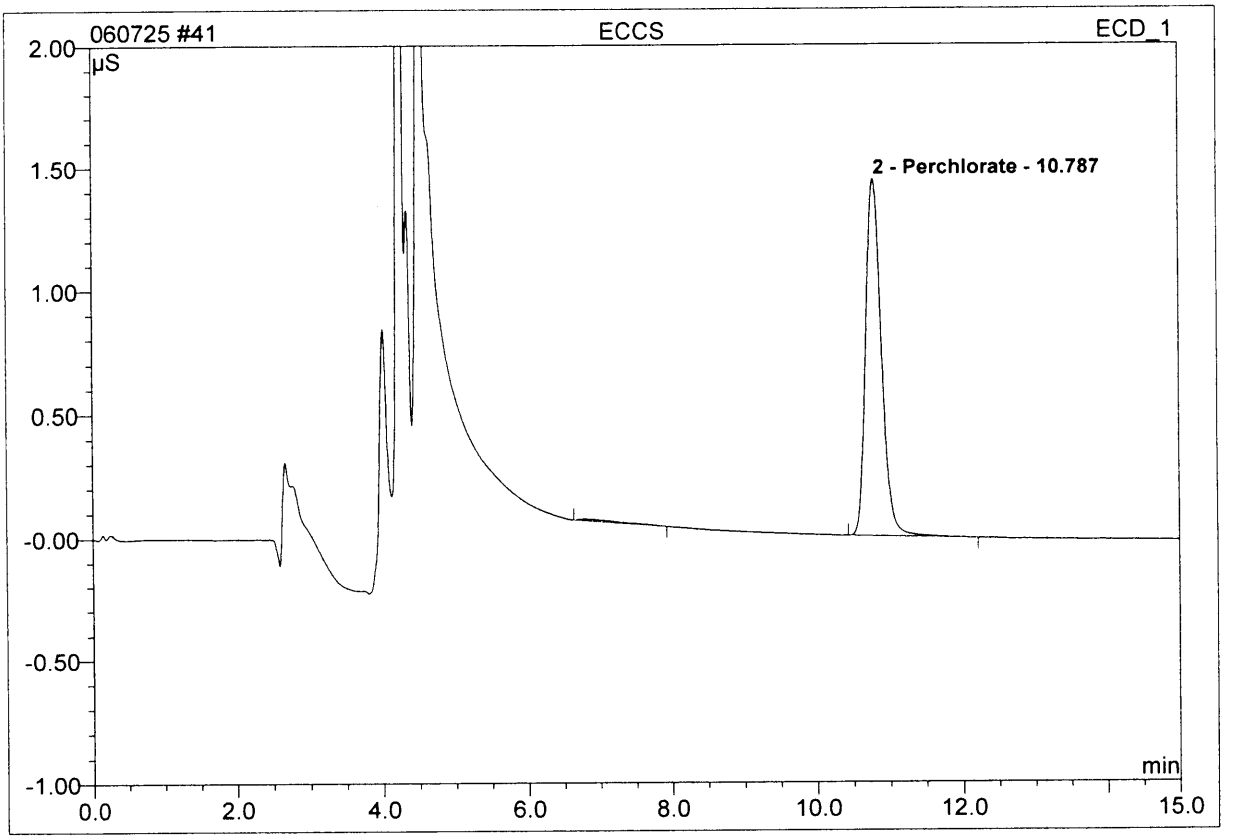
Sample Name:	**06-07-1072-2C**	*Injection Volume:*	**1250.0**
Vial Number:	**78**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/26/2006 15:20**	*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
4	10.67	Perchlorate	0.000	0.003	0.00	0.827	BMB*
Total:			0.000	0.003	0.00	0.827	

41 ECCS

Sample Name:	**ECCS**	*Injection Volume:*	**1250.0**
Vial Number:	**78**	*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:	**7/26/2006 15:55**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

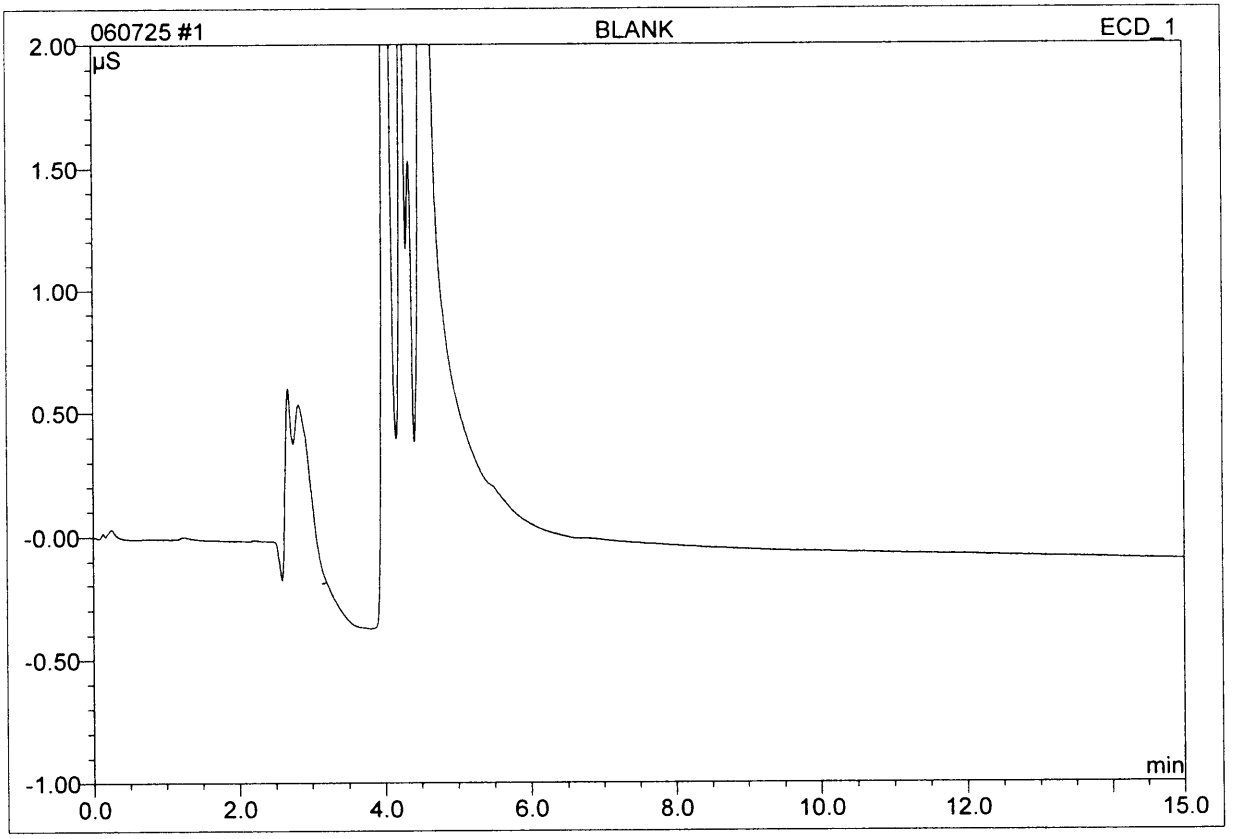


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
2	10.79	Perchlorate	1.446	0.359	98.46	108.249	BMB
Total:			1.446	0.359	98.46	108.249	

Operator:eleo ng Timebase:ICS2000 Sequence:060725

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:	**7/25/2006 16:40**	*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
Total:			0.000	0.000	0.00	0.000	

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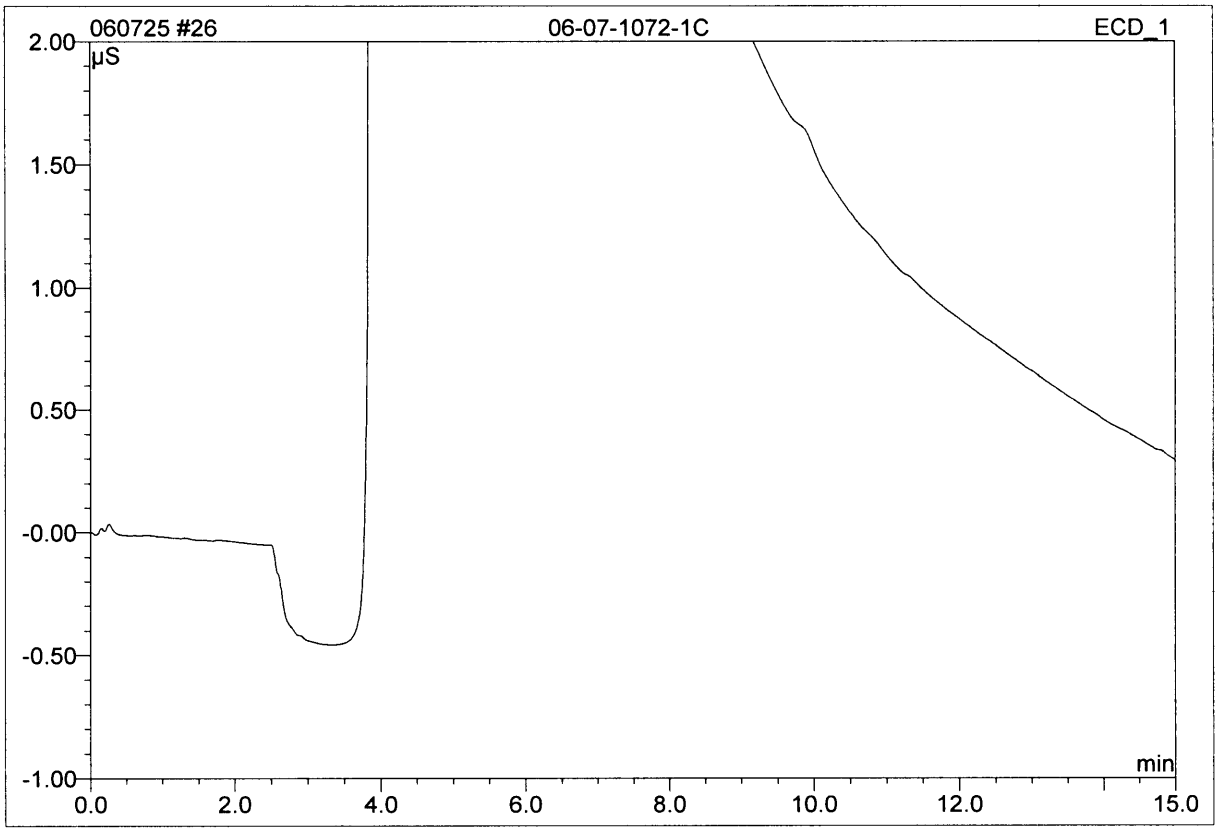
Version 6.60 Build 1428

26 06-07-1072-1C

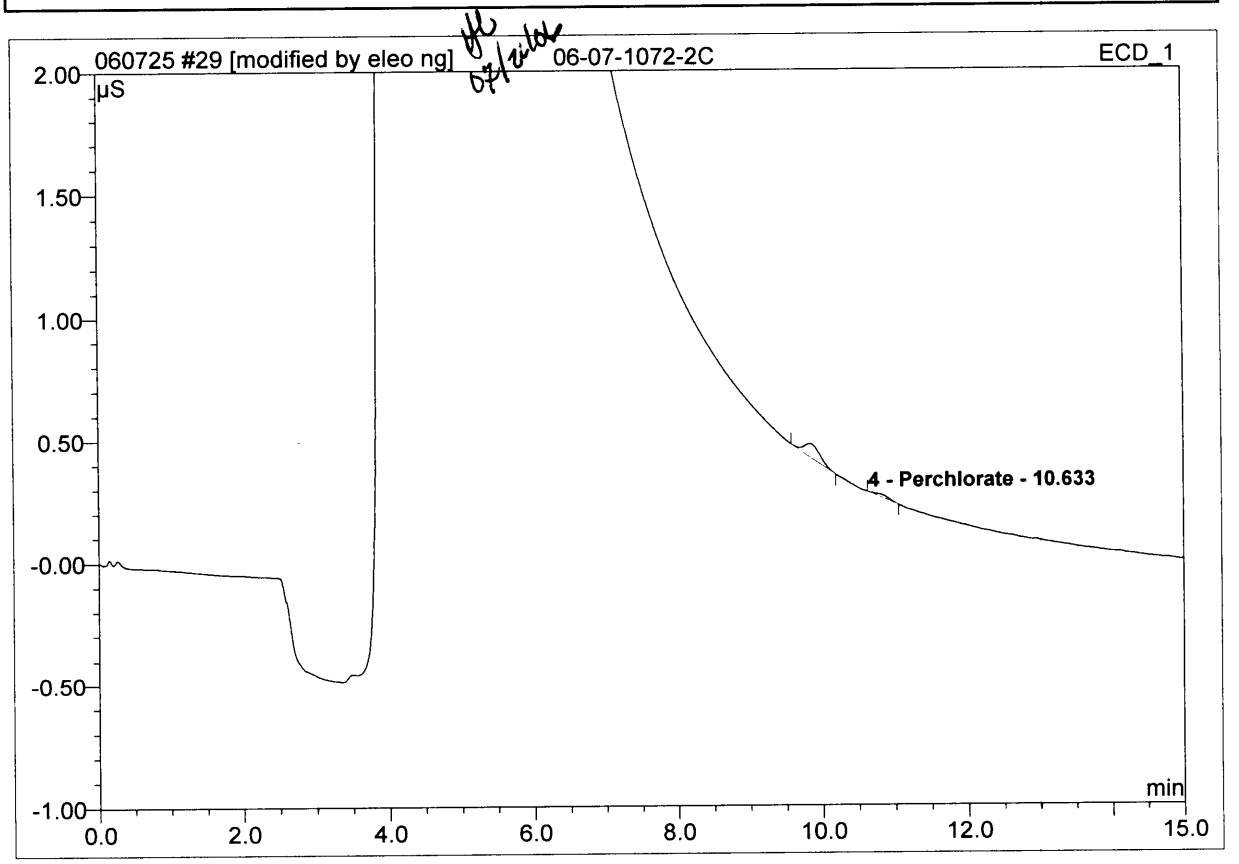
Sample Name:	**06-07-1072-1C**	*Injection Volume:*	**1250.0**
Vial Number:	**64**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CLO4 PROGRAM ICS2000**	*Bandwidth:*	**n.a.**
Quantif. Method:	**Perchlorate Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/26/2006 0:07**	*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	

29 06-07-1072-2C

Sample Name:	**06-07-1072-2C**	*Injection Volume:*	**1250.0**
Vial Number:	**67**	*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:	**7/26/2006 0:59**	*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
4	10.63	Perchlorate	0.000	0.002	0.00	0.745	BMB*
Total:			0.000	0.002	0.00	0.745	

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Hexavalent Chromium by EPA 7199

Camp Dresser & McKee

CEL W.O. 06-07-1072

Hewitt Landfill Groundwater

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Sequence: 060721
Operator: eleo ng

Printed: 7/25/2006 1:12:05 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
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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
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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							

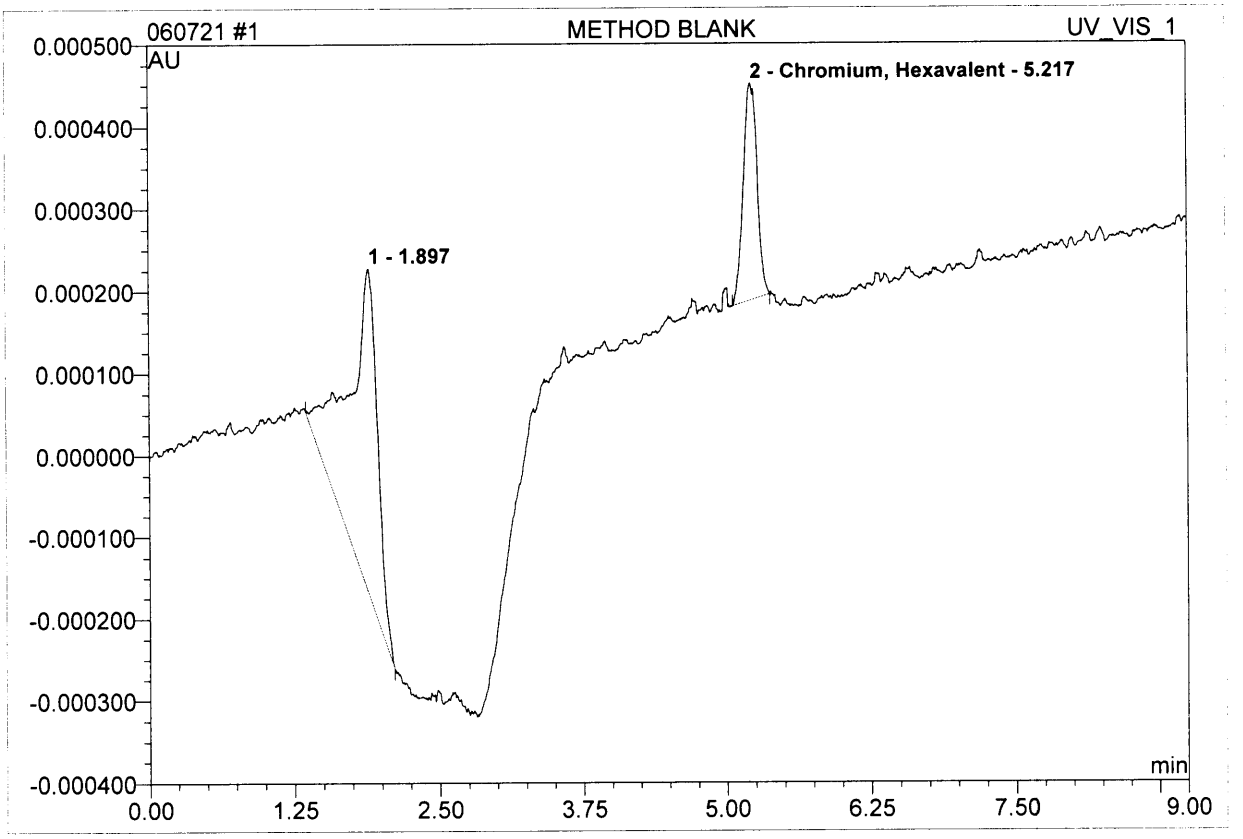
Reviewed by [signature] Date 07/21/06

ChromLog, 07/17/98 Revision

Operator:eleo ng Timebase:IC5 Sequence:060721

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**

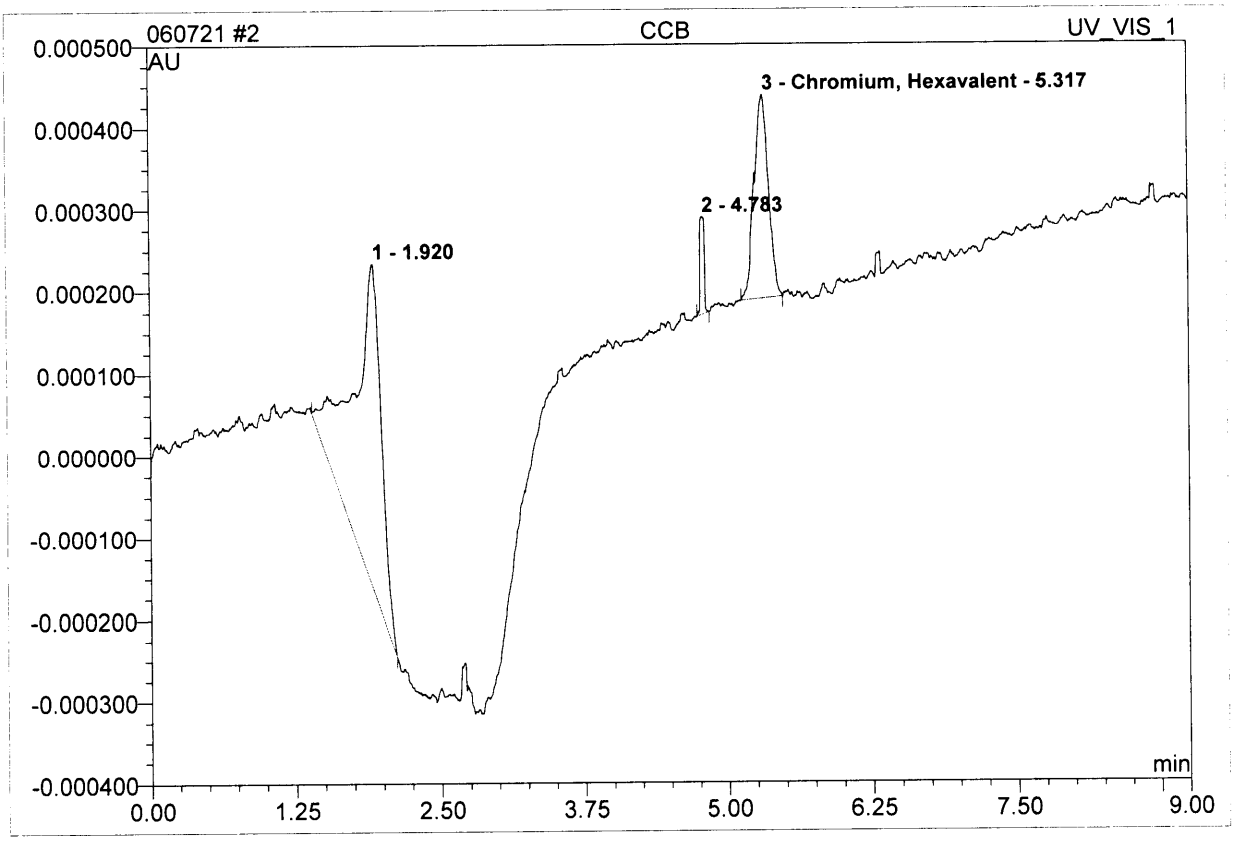


No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.90	n.a.	4.00E-04	1.13E-04	75.61	n.a.	BMB
2	5.22	Chromium, Hexavalent	2.63E-04	3.65E-05	24.39	0.065	BMB
Total:			6.63E-04	1.50E-04	100.00	0.065	

Operator:eleo ng Timebase:IC5 Sequence:060721

2 CCB

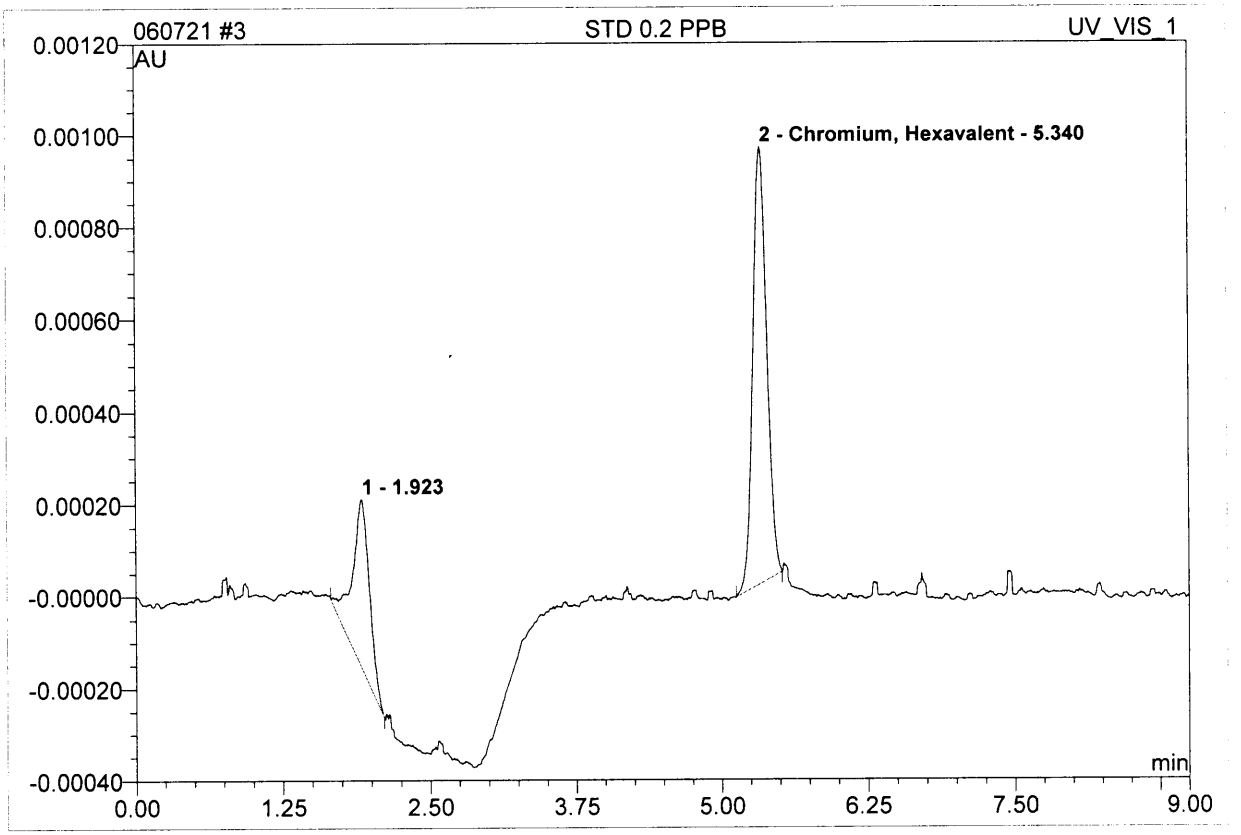
Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**6**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/21/2006 12:24**	*Sample 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

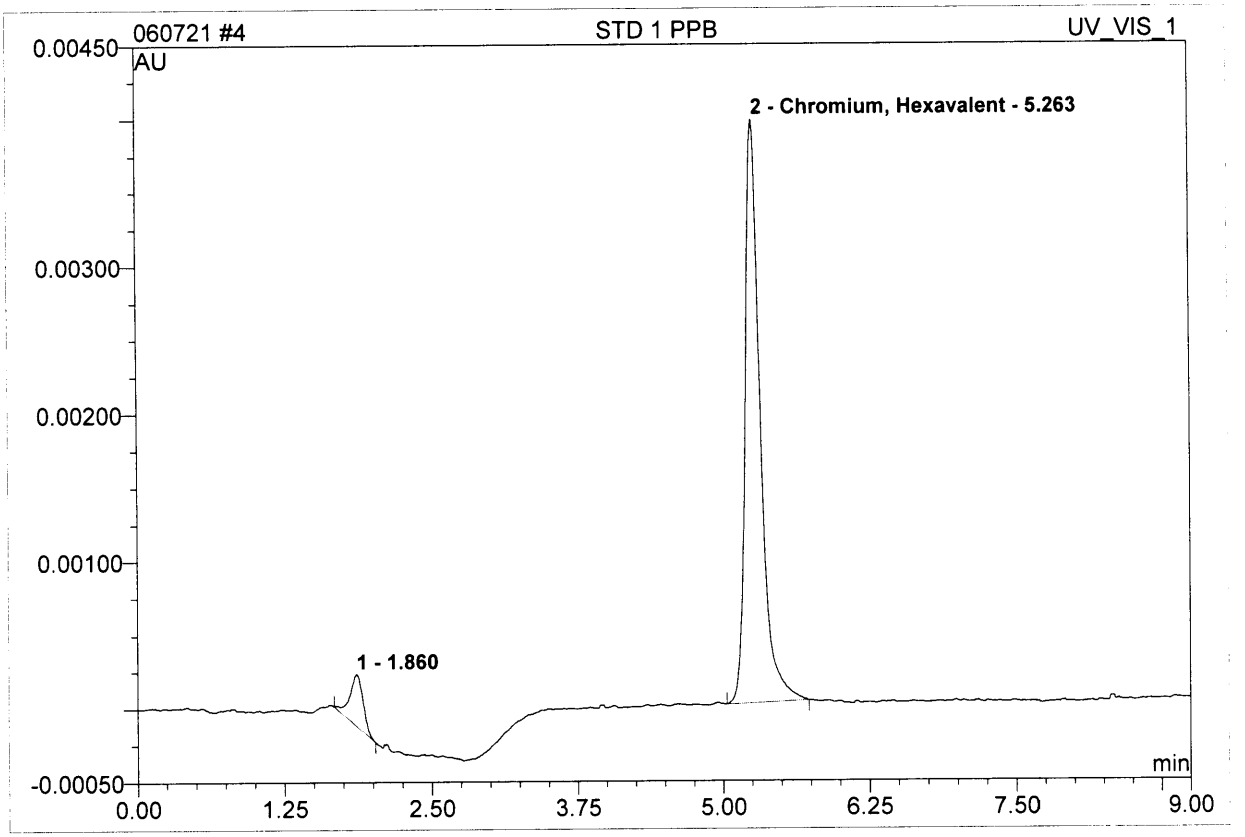
Sample Name:	**STD 0.2 PPB**	*Injection Volume:*	**1000.0**
Vial Number:	**4**	*Channel:*	**UV_VIS_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2006 11:21**	*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

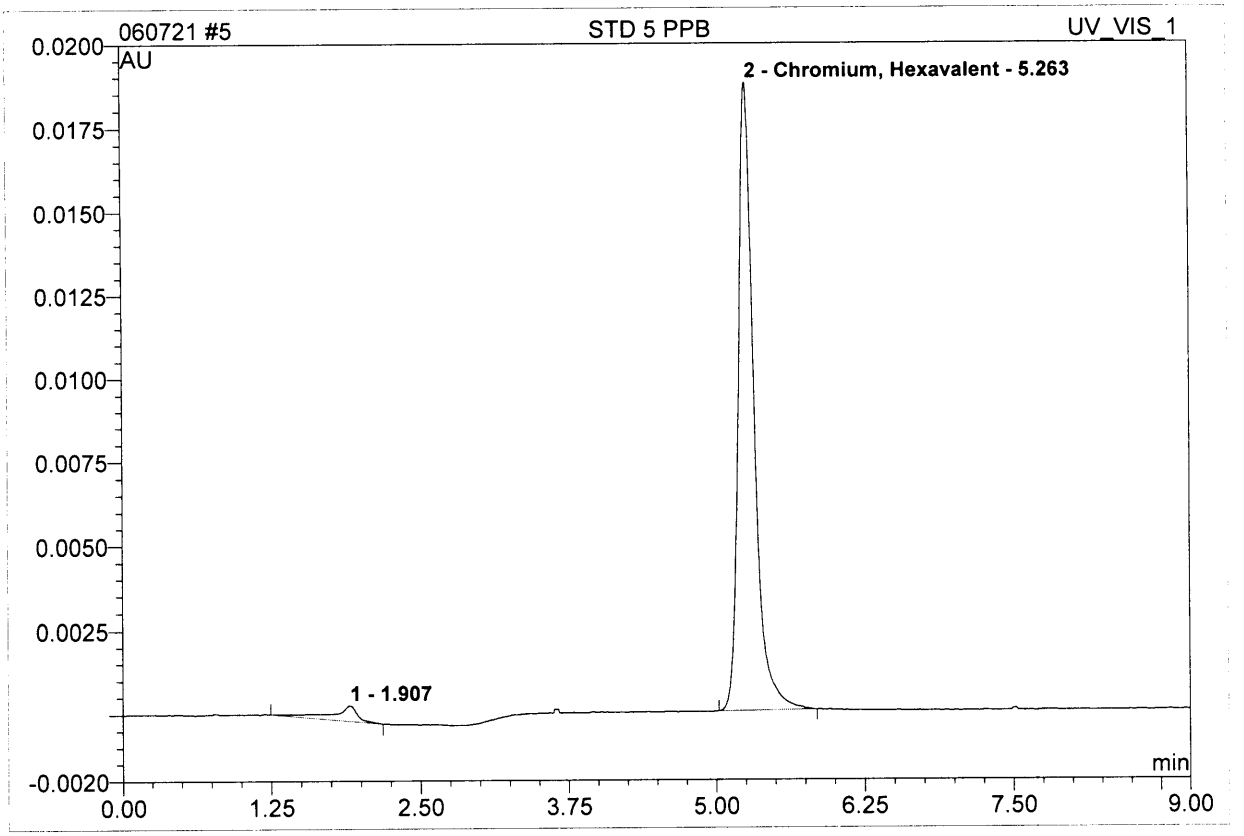
Sample Name:	**STD 1 PPB**	*Injection Volume:*	**1000.0**
Vial Number:	**13**	*Channel:*	**UV_VIS_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2006 11:32**	*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	

5 STD 5 PPB

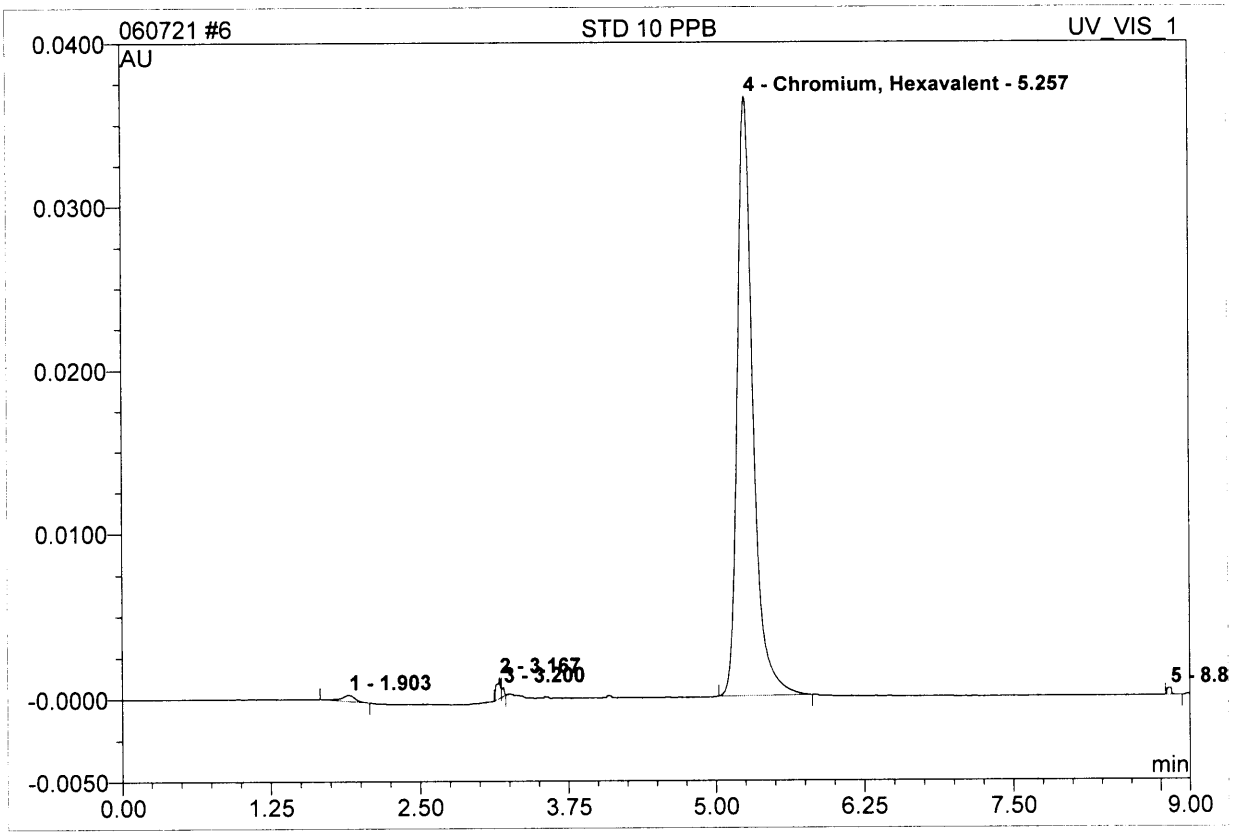
Sample Name:	**STD 5 PPB**	*Injection Volume:*	**1000.0**
Vial Number:	**13**	*Channel:*	**UV_VIS_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2006 11:44**	*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

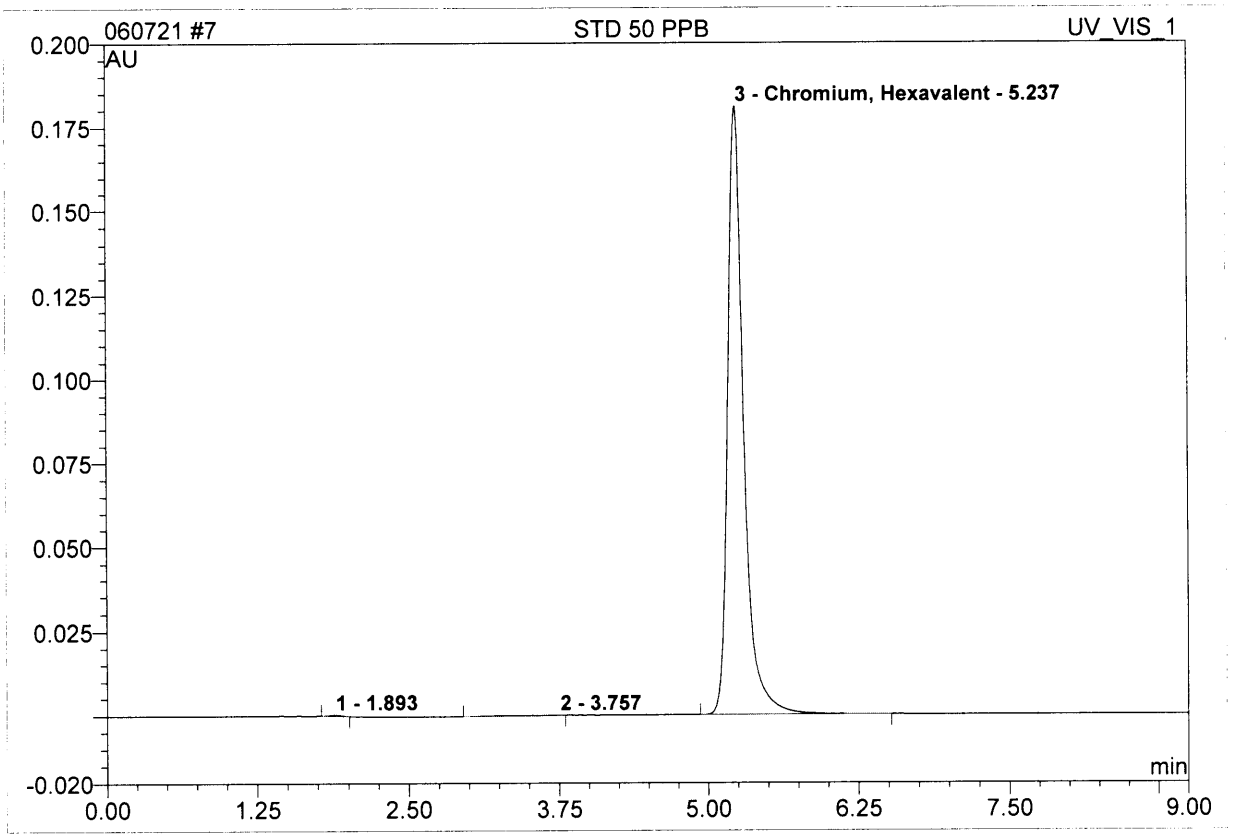
Sample Name:	**STD 10 PPB**	*Injection Volume:*	**1000.0**
Vial Number:	**14**	*Channel:*	**UV_VIS_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2006 11:55**	*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

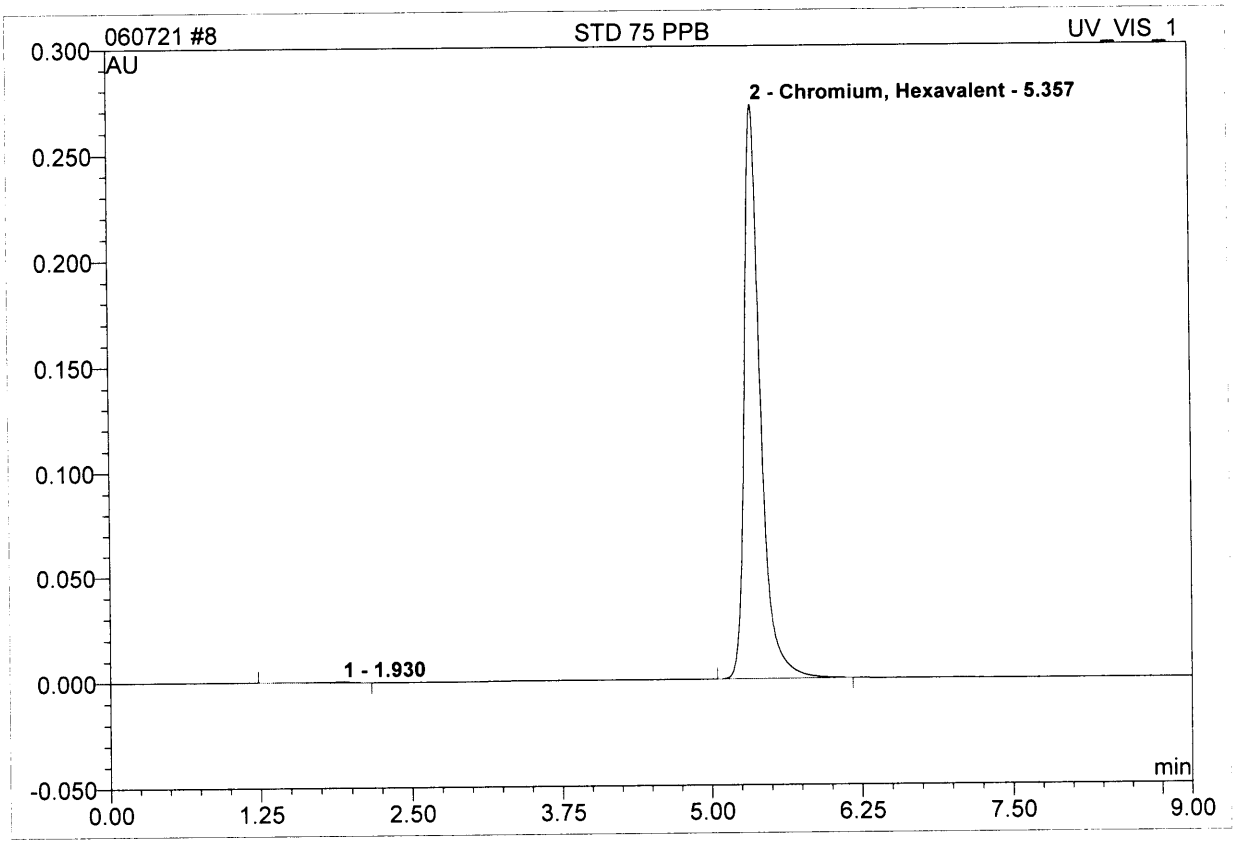
Sample Name:	**STD 50 PPB**	*Injection Volume:*	**1000.0**
Vial Number:	**15**	*Channel:*	**UV_VIS_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2006 12:07**	*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**

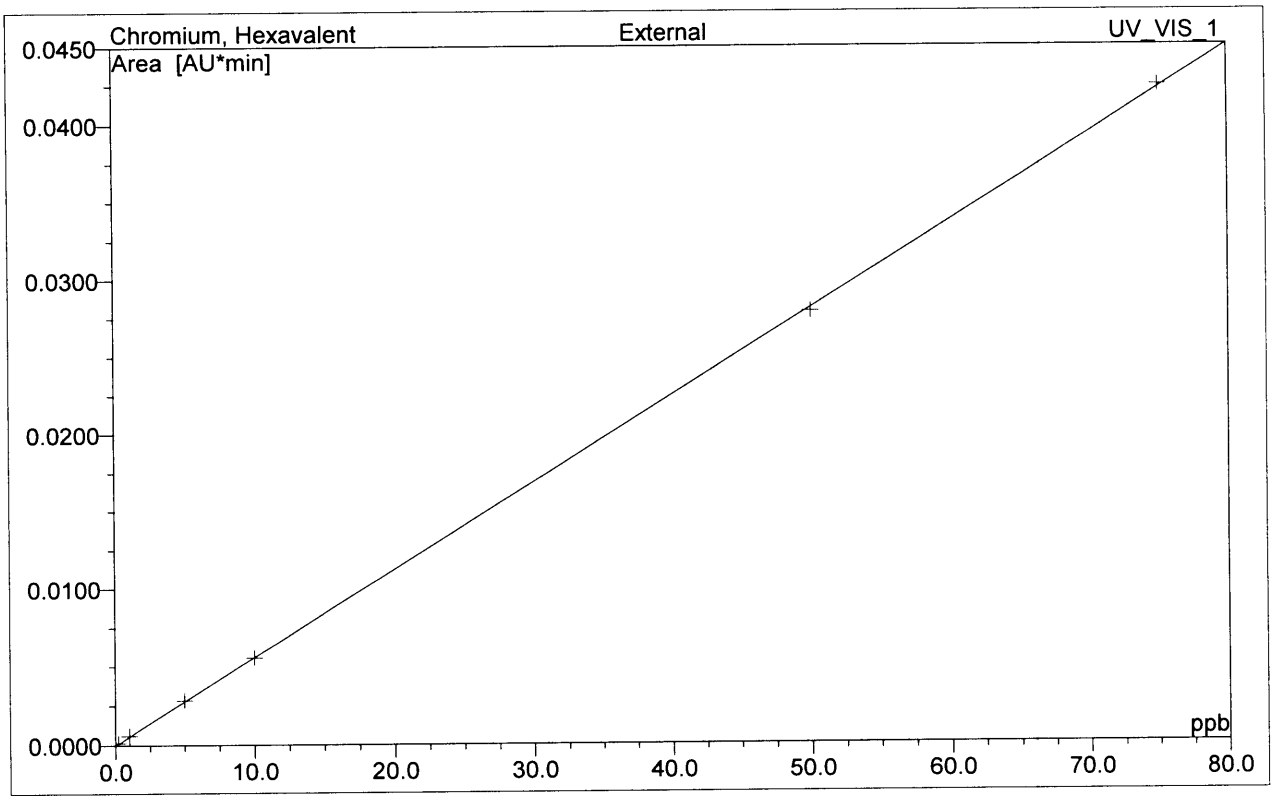


No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.93	n.a.	4.59E-04	1.24E-04	0.29	n.a.	BMB
2	5.36	Chromium, Hexavalent	2.72E-01	4.24E-02	99.71	75.311	BMB
Total:			2.72E-01	4.25E-02	100.00	75.311	

Operator:eleo ng Timebase:IC5 Sequence:060721

8 STD 75 PPB

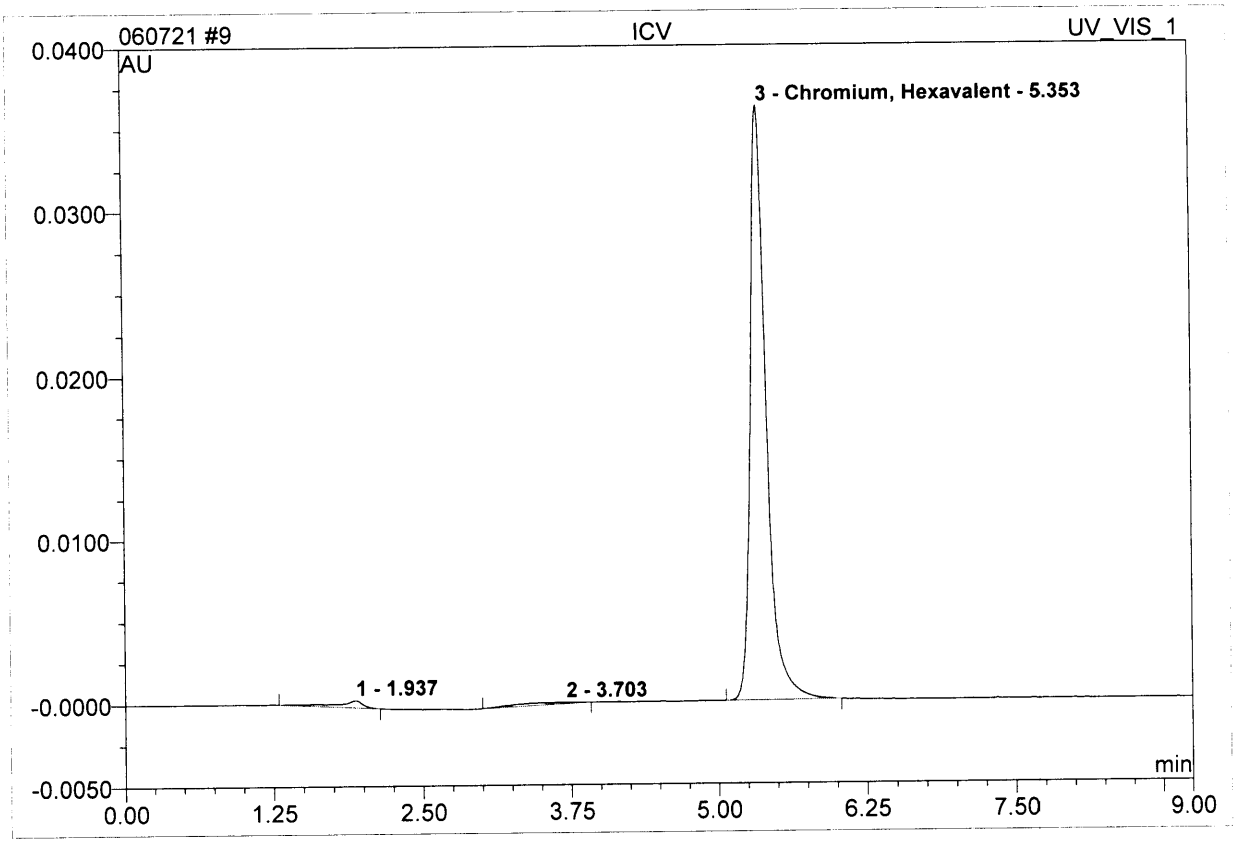
Sample Name:	**STD 75 PPB**	*Injection Volume:*	**1000.0**
Vial Number:	**16**	*Channel:*	**UV_VIS_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2006 12:18**	*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

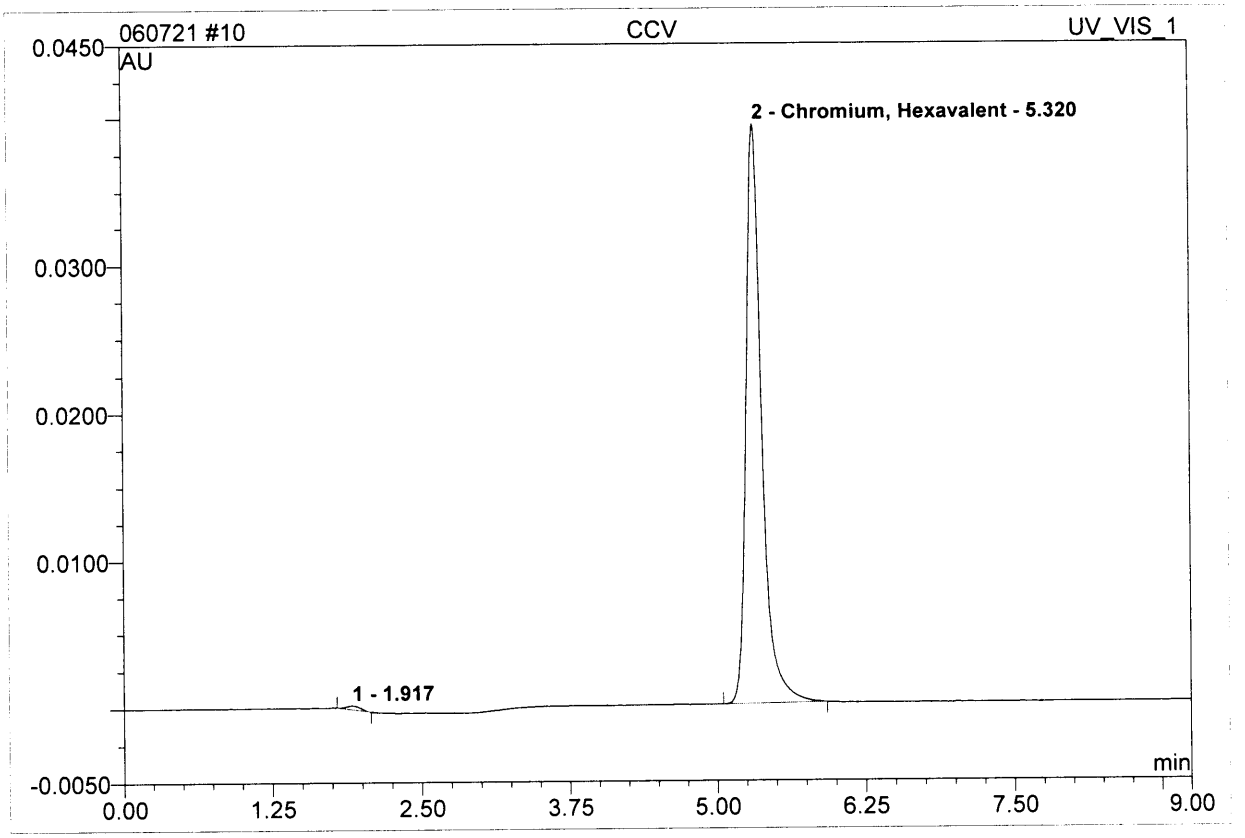
Sample Name:	**ICV**	*Injection Volume:*	**1000.0**
Vial Number:	**18**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/11/2006 12:30**	*Sample 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**

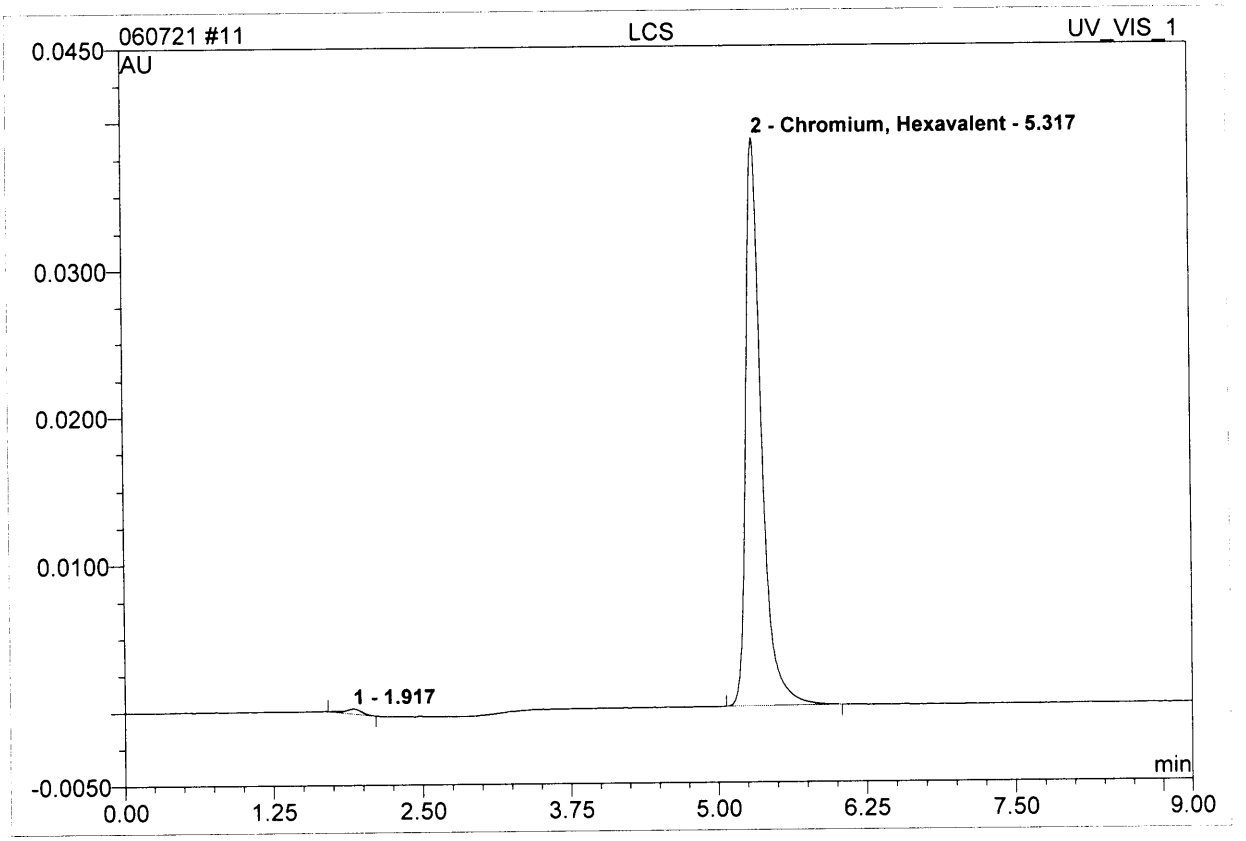


No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.92	n.a.	2.76E-04	3.85E-05	0.64	n.a.	BMB
2	5.32	Chromium, Hexavalent	3.93E-02	6.00E-03	99.36	10.667	BMB
Total:			3.95E-02	6.04E-03	100.00	10.667	

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**

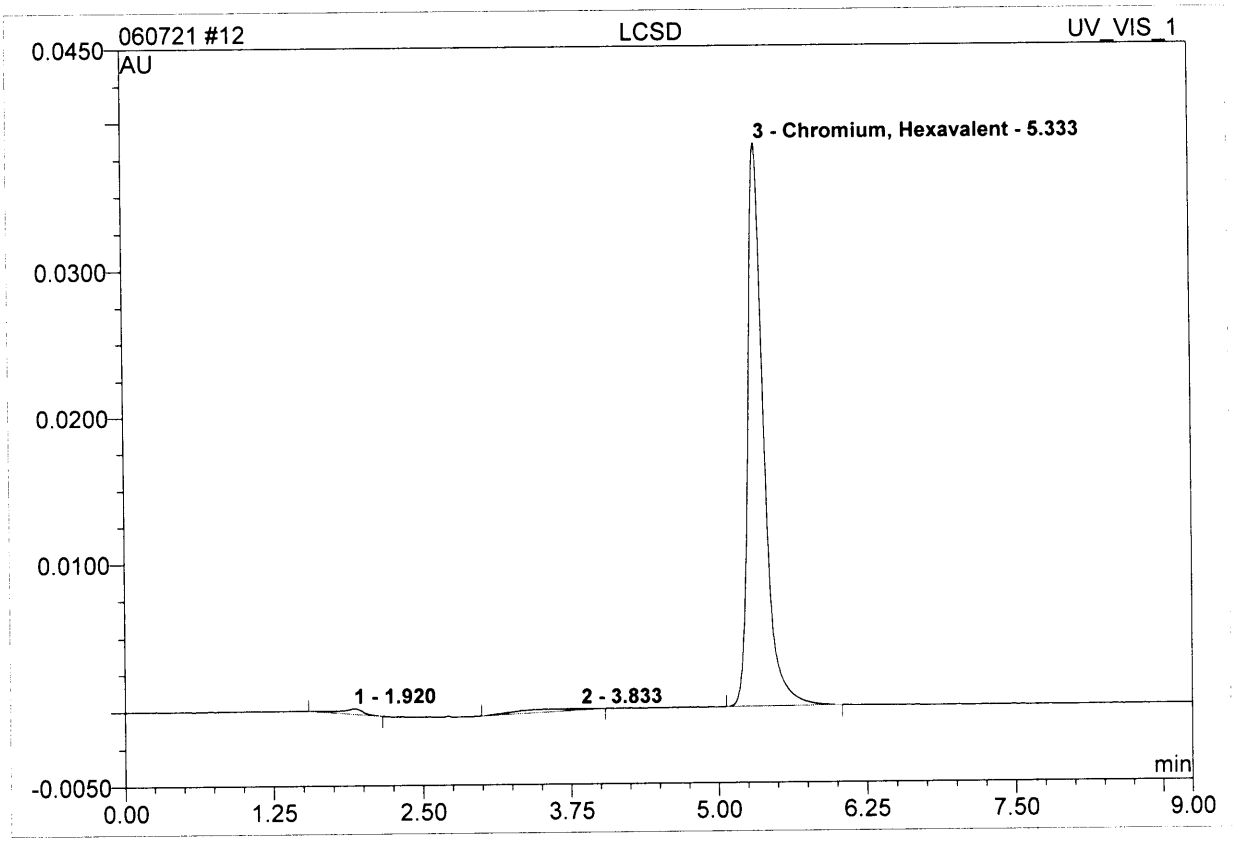


No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.92	n.a.	3.34E-04	5.37E-05	0.90	n.a.	BMB
2	5.32	Chromium, Hexavalent	3.86E-02	5.91E-03	99.10	10.507	BMB
Total:			3.89E-02	5.96E-03	100.00	10.507	

Operator:eleo ng Timebase:IC5 Sequence:060721

12 LCSD

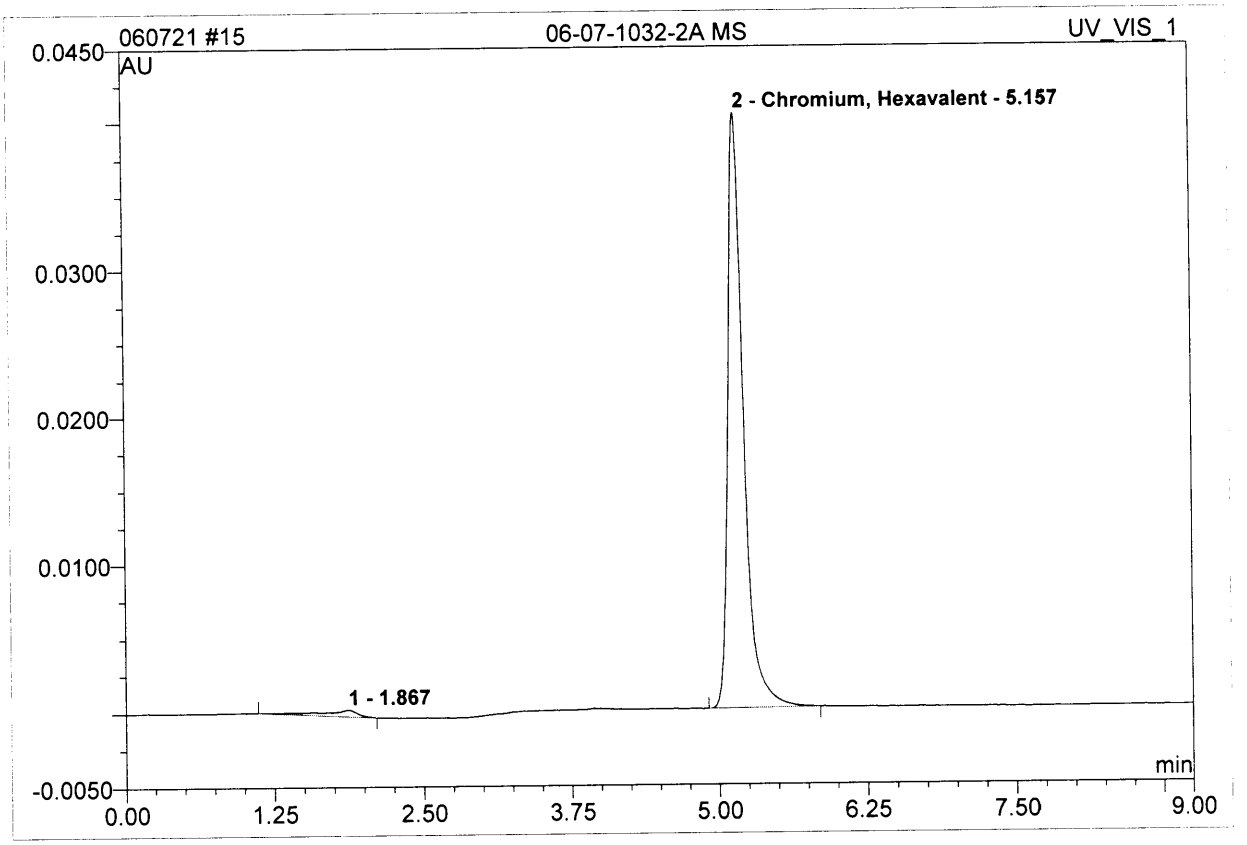
Sample Name:	**LCSD**	*Injection Volume:*	**1000.0**
Vial Number:	**23**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/21/2006 15:52**	*Sample 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	

15 06-07-1032-2A MS

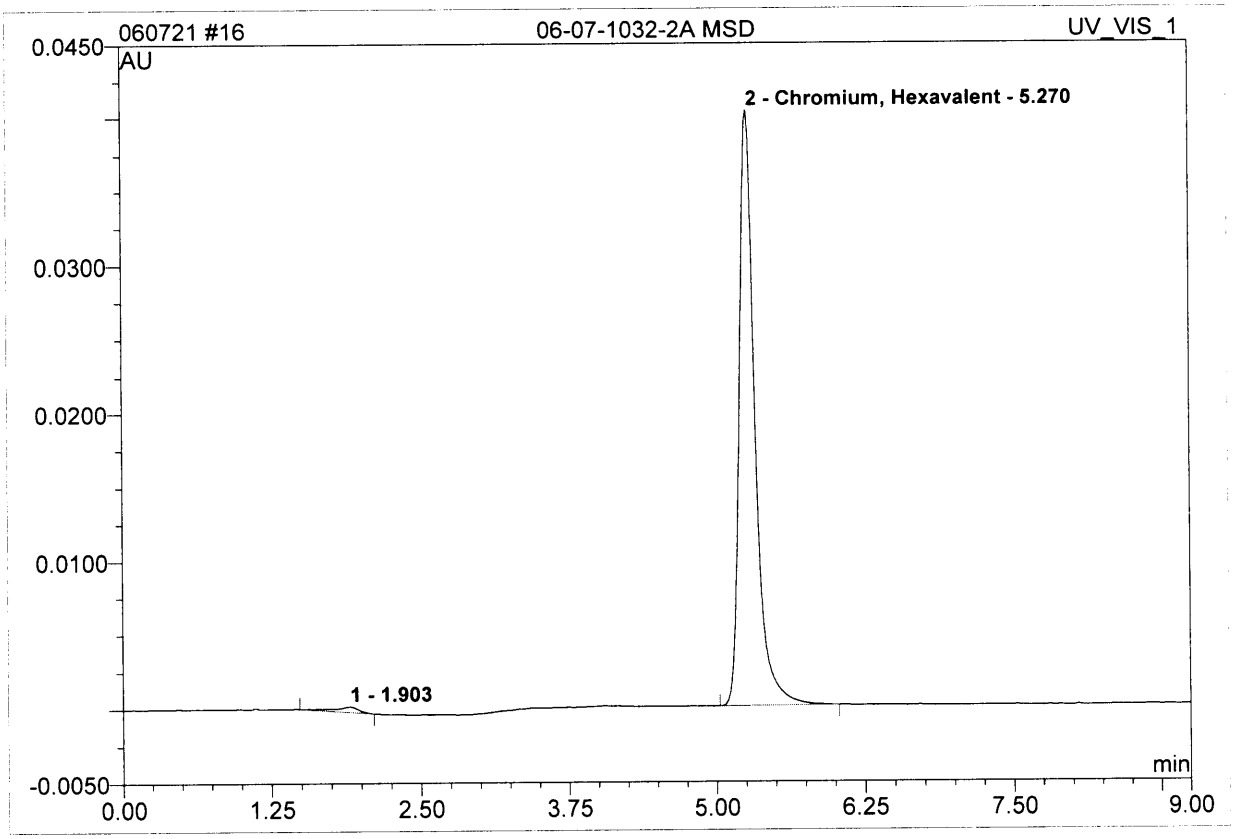
Sample Name:	**06-07-1032-2A MS**	*Injection Volume:*	**1000.0**
Vial Number:	**26**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/21/2006 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**

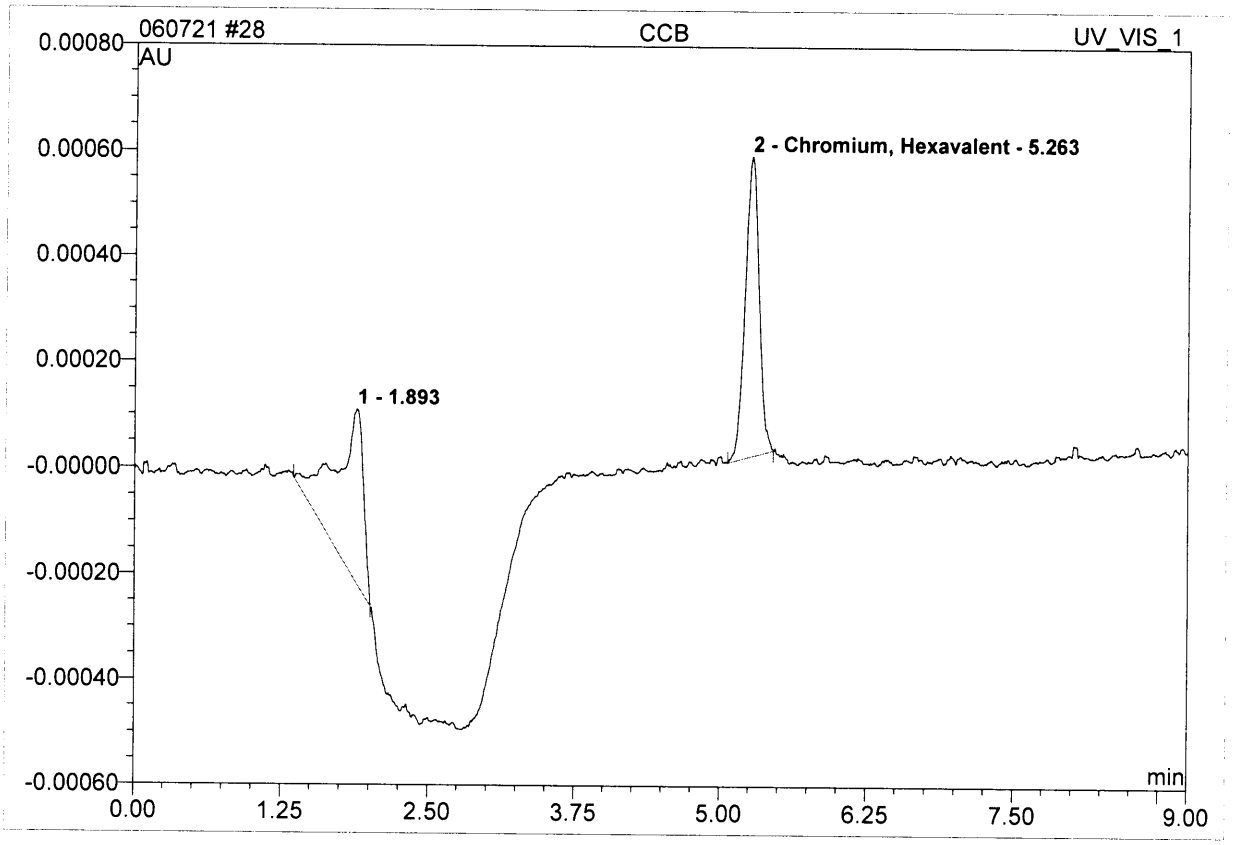


No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.90	n.a.	3.54E-04	8.40E-05	1.35	n.a.	BMB
2	5.27	Chromium, Hexavalent	4.03E-02	6.15E-03	98.65	10.939	BMB
Total:			4.06E-02	6.24E-03	100.00	10.939	

Operator:eleo ng Timebase:IC5 Sequence:060721

28 CCB

Sample Name:	**CCB**	*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 15:28**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**

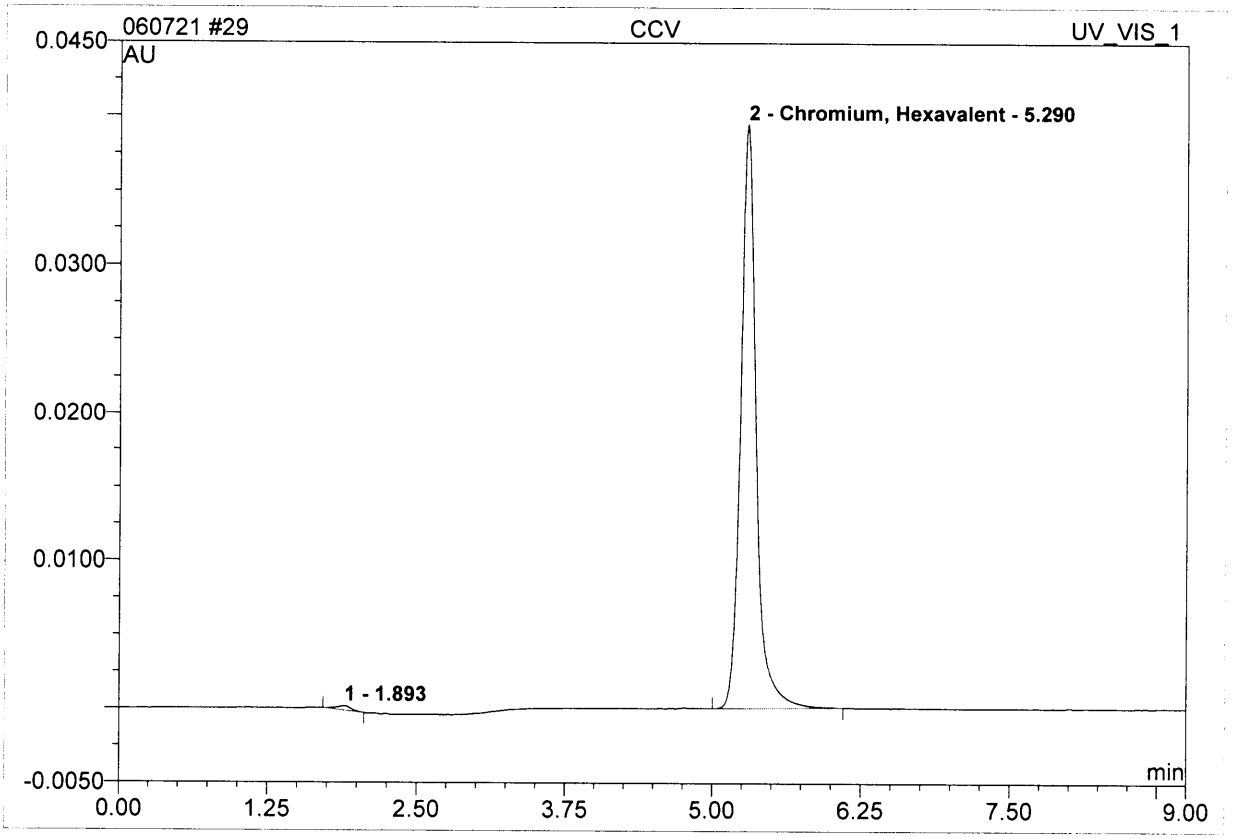


No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.89	n.a.	3.28E-04	8.58E-05	52.27	n.a.	BMB
2	5.26	Chromium, Hexavalent	5.70E-04	7.84E-05	47.73	0.139	BMB
Total:			8.98E-04	1.64E-04	100.00	0.139	

Operator:eleo ng Timebase:IC5 Sequence:060721

29 CCV

Sample Name:	**CCV**	*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 15:40**	*Sample Weight:*	**1.0000**
Run Time (min):	**9.00**	*Sample Amount:*	**1.0000**

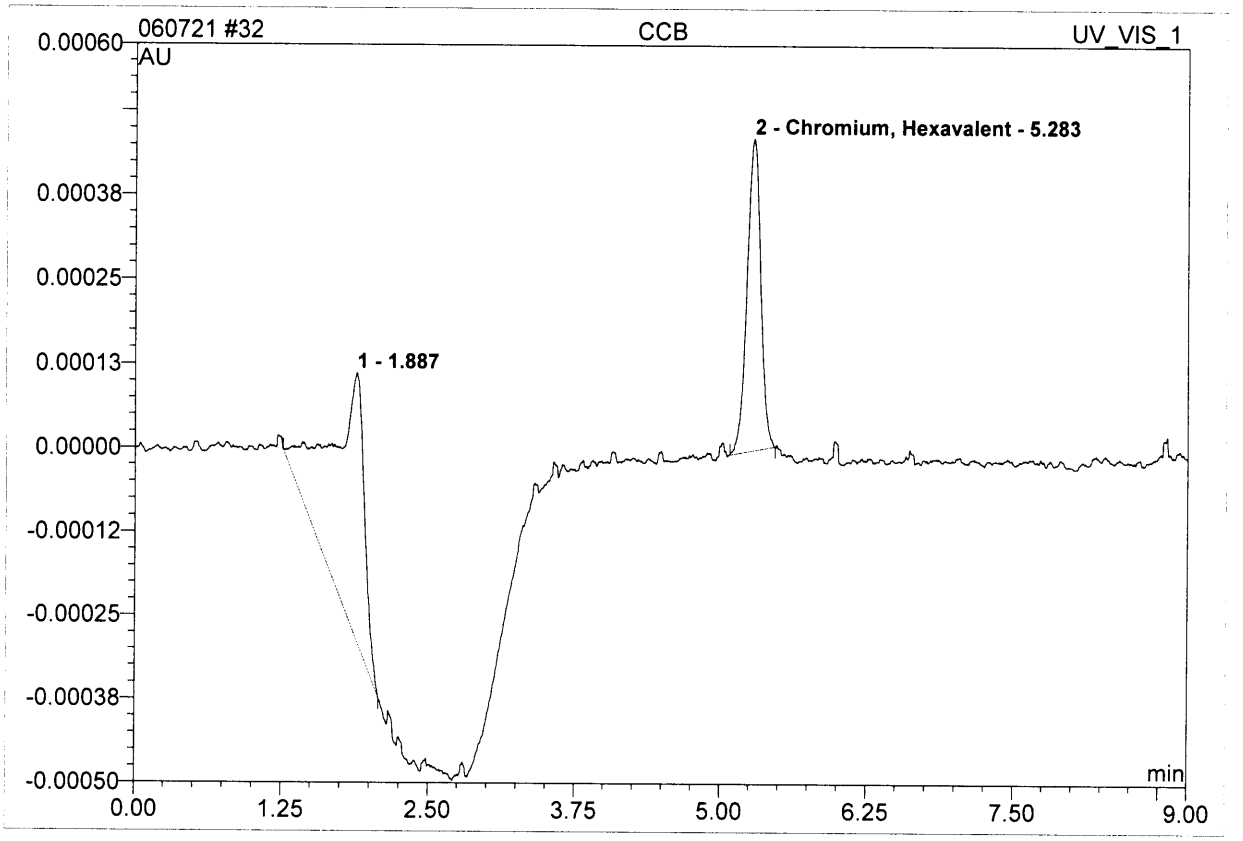


No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount ppb	Type
1	1.89	n.a.	3.03E-04	4.22E-05	0.70	n.a.	BMB
2	5.29	Chromium, Hexavalent	3.94E-02	6.00E-03	99.30	10.660	BMB
Total:			3.97E-02	6.04E-03	100.00	10.660	

Operator:eleo ng Timebase:IC5 Sequence:060721

32 CCB

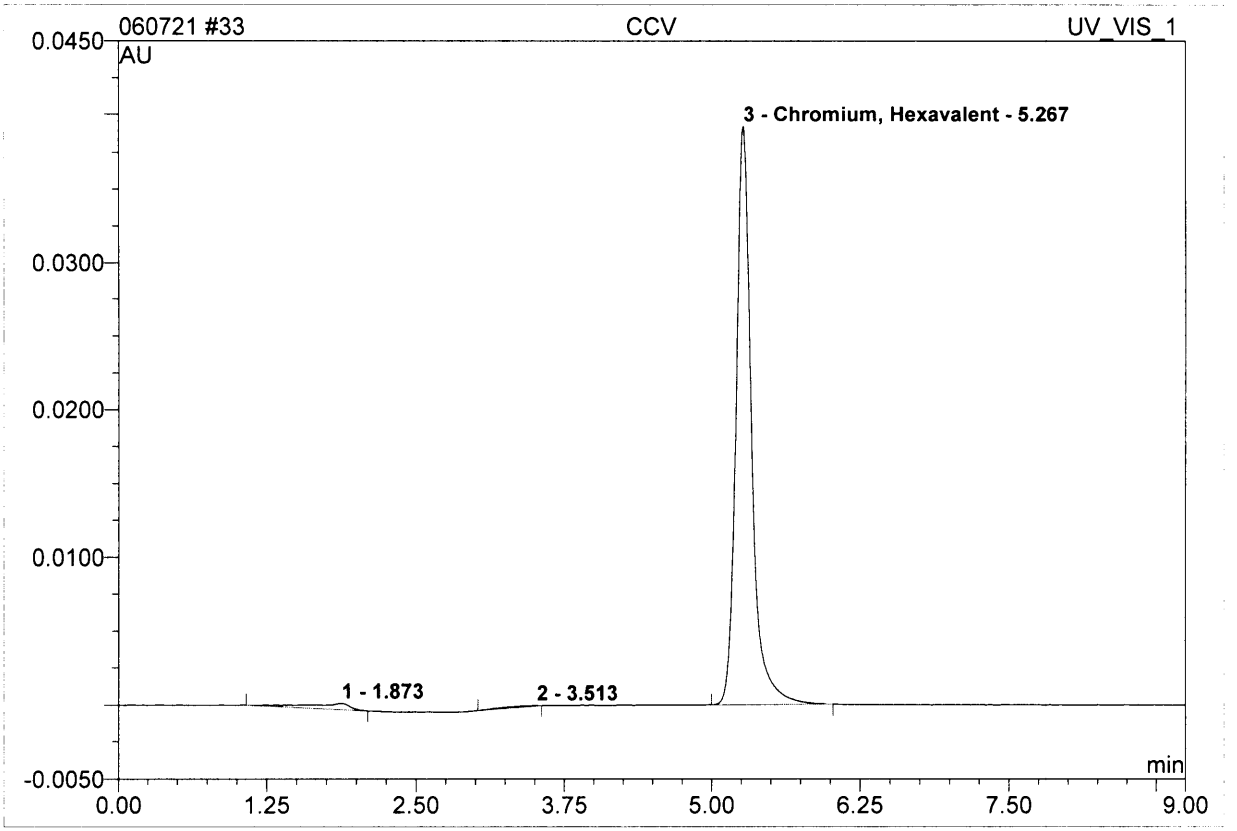
Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**31**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/21/2006 18:19**	*Sample 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.	3.98E-04	1.28E-04	67.11	n.a.	BMB
2	5.28	Chromium, Hexavalent	4.63E-04	6.30E-05	32.89	0.112	BMB
Total:			8.61E-04	1.91E-04	100.00	0.112	

33 CCV

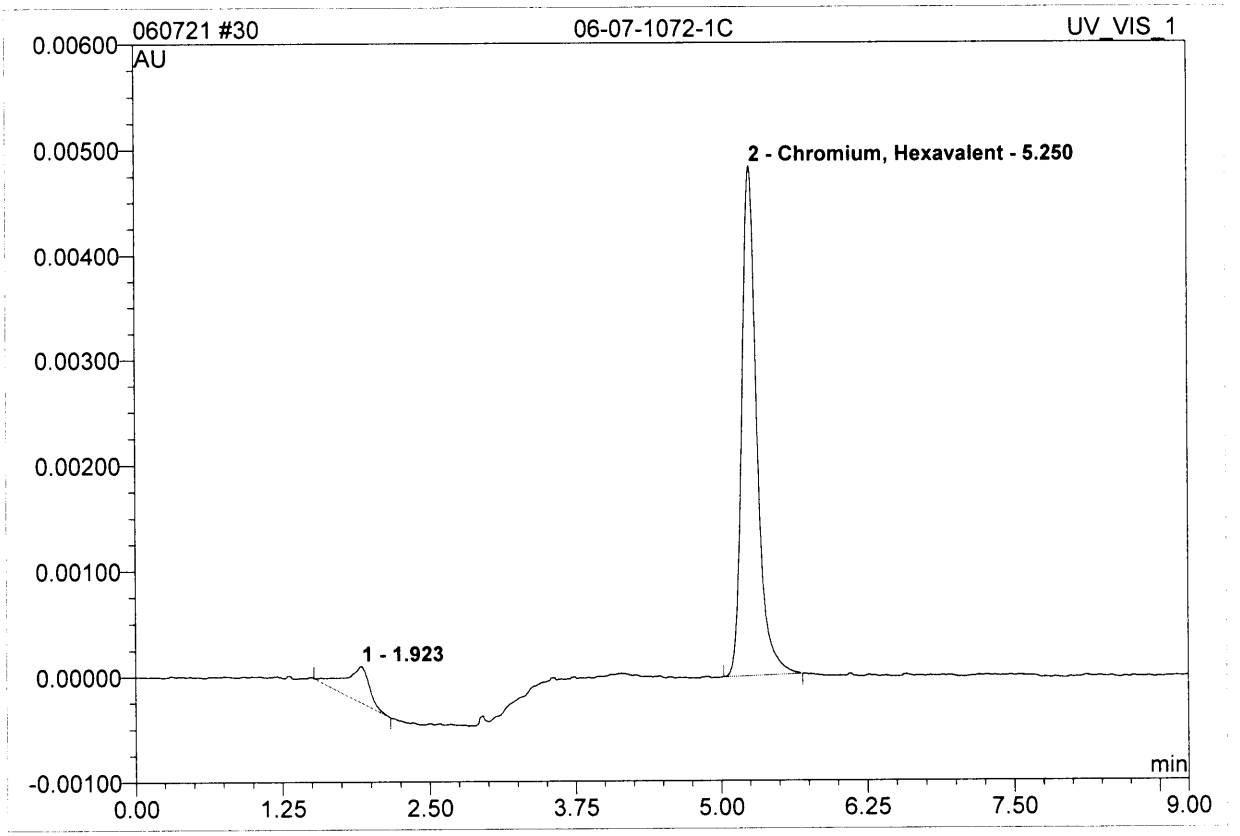
Sample Name:	**CCV**	*Injection Volume:*	**1000.0**
Vial Number:	**32**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/21/2006 18:31**	*Sample 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.	4.14E-04	1.66E-04	2.71	n.a.	BMB
2	3.51	n.a.	4.20E-05	2.99E-05	0.49	n.a.	BMB
3	5.27	Chromium, Hexavalent	3.92E-02	5.95E-03	96.81	10.579	BMB
Total:			3.96E-02	6.15E-03	100.00	10.579	

30 06-07-1072-1C

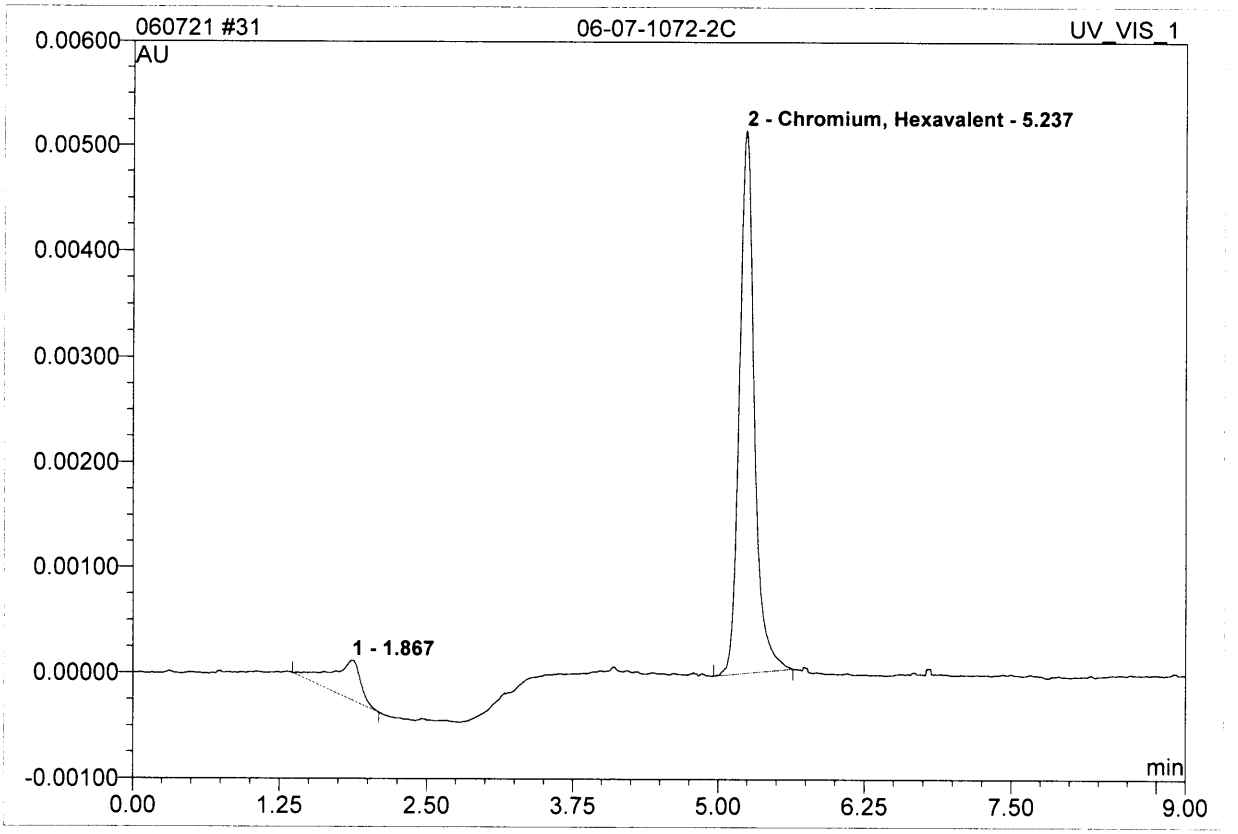
Sample Name:	**06-07-1072-1C**	*Injection Volume:*	**1000.0**
Vial Number:	**29**	*Channel:*	**UV_VIS_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC5 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC 5 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/21/2006 17:56**	*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	1.92	n.a.	3.48E-04	8.29E-05	10.36	n.a.	BMB
2	5.25	Chromium, Hexavalent	4.84E-03	7.18E-04	89.64	1.276	BMB
Total:			5.19E-03	8.01E-04	100.00	1.276	

31 06-07-1072-2C

Sample Name:	**06-07-1072-2C**	*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 18:08**	*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	1.87	n.a.	3.71E-04	1.04E-04	11.88	n.a.	BMB
2	5.24	Chromium, Hexavalent	5.15E-03	7.69E-04	88.12	1.367	BMB
Total:			5.52E-03	8.72E-04	100.00	1.367	

Calscience
Environmental
Laboratories, Inc.

Anions by EPA 300.0

Camp Dresser & McKee

CEL W.O. 06-07-1072

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
07/21/06	77	060721	060721# 77	CCB	W	25 ul	N/A	N/A	N/A	GM	
	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	GM	
	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 ____ Date ____/____/____

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
07/22/06	10	060722	060722#10	06-07-1060-2H	W	25 ml	N/A	N/A	N/A	GA	
	11		11	-3H							
	12		12	-4H							
	13		13	06-07-1089-1H							
	14		14	-4F							
	15		15	-5F							
	16		16	-7F							
	17		17	06-07-1092-3F							
	18		18	-4F							
	19		19	CCB							
	20		20	CCV					G060606A G060606C		
	21		21	06-07-1092-8F					N/A		
	22		22	-3F 10X							
	23		23	-4F 10X							
	24		24	-8F 10X							
	25		25	06-07-1075-1A							
	26		26	06-07-1072-1C							
	27		27	-2C							
	28		28	-1C 10X							
	29		29	-2C 10X							
	30		30	06-07-1002-3B 10X							

Reviewed by ____ Date ____/____/____

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
07/22/06	31	060722	060722#31	CCB	W	25 ul	N/A	N/A	N/A	GM	
	32		32	CCV					G062606A G062606C		
	33		33	06-07-1002-4B 20X					N/A		
	34		34	4B 200X							
	35		35	5B 5X							
	36		36	5B 10X							
	37		37	06-07-0914-3F 500X							
	38		38	-6F 500X							
	39		39	06-07-0915-3H 500X							
	40		40	-5H 200X							
	41		41	-7H 20X							
	42		42	-10H 500X							
	43		43	CCB							
	44		44	CCV					G062606A G062606C		
	45		45	06-07-0916-2A 500X					N/A		
	46		46	-4A 20X							
	47		47	-5A 20X							
	48		48	06-07-1002-1B 20X							
	49		49	-1B 50X							
	50		50	-2B 50X							
	51		51	06-07-1060-1H 10X							

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
07/22/06	52	060722	060722 #52	06-07-1060-2H 10X	W	25 ul	N/A	N/A	N/A	GA	
	53		53	-3H 10X							
	54		54	-4H 10X							
	55		55	CCB							
	56		56	CCV					G062606A G062606C		
	57		57	06-07-1060-1H 100X					N/A		
	58		58	-2H 100X							
	59		59	-3H 100X							
	60		60	-4H 100X							
	61		61	-1H 100X MS					G062606B G062606D		
	62		62	-1H 100X MSD							
	63		63	06-07-1089-4F 20X					N/A		
	64		64	-7F 20X							
	65		65	06-07-1002-2B 200X							
	66		66	-3B 5X							
	67		67	CCB							
	68		68	CCV					G062606A G062606C		
07/24/06	1	060724	060724 # 1	Method Blank	W	25ul	N/A	N/A	N/A	GA	
	2		2	CCB							
	3		3	STD1					G062606A G062606C		
	4		4	STD2							

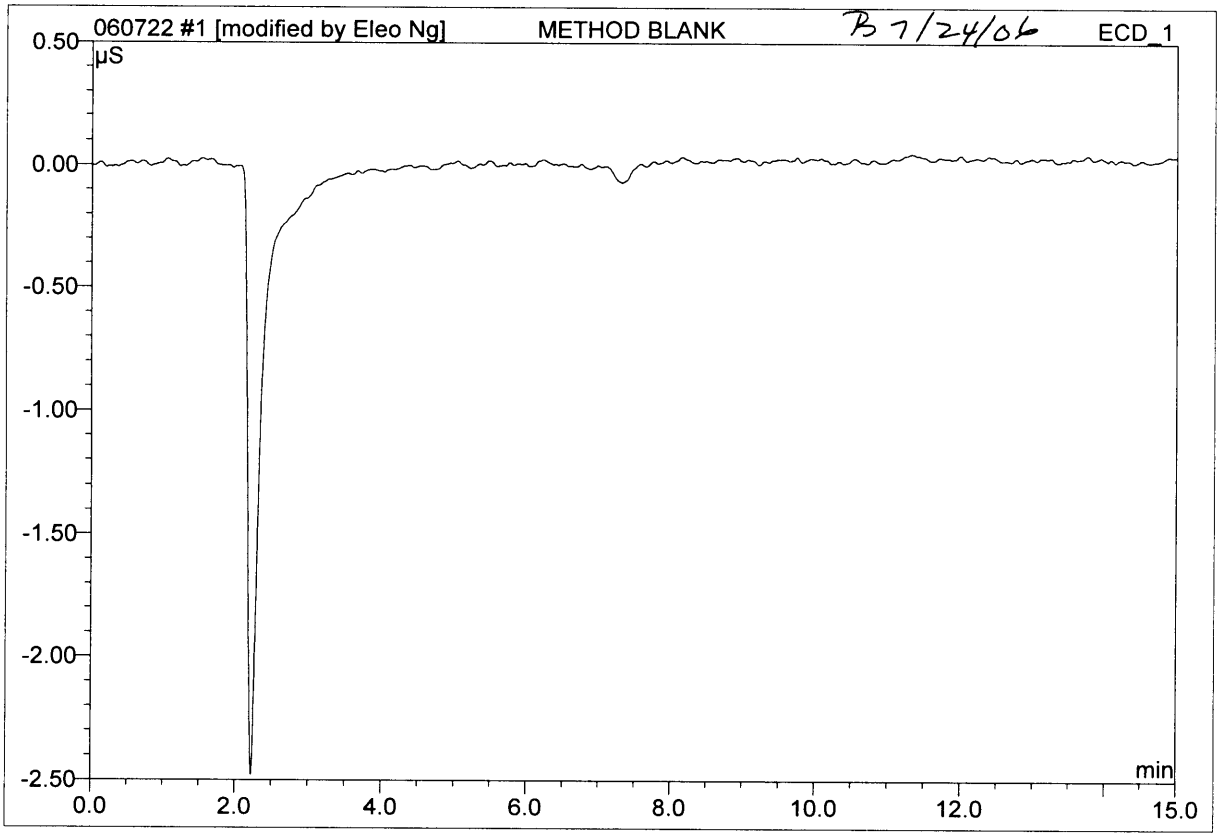
Reviewed by ____ Date ____/____/____

ChromLog, 07/17/98 Revision

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060722

1 METHOD BLANK

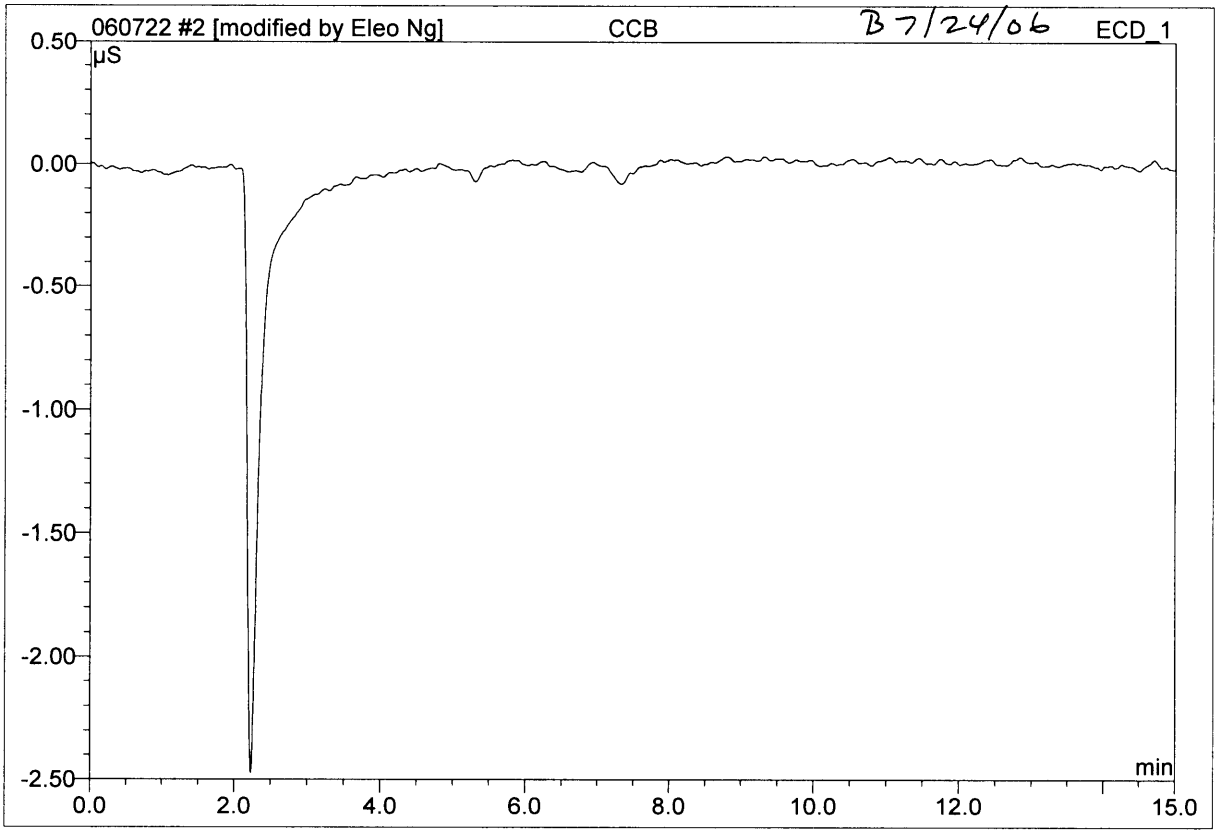
Sample Name:	**METHOD BLANK**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 15:54**	*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
Total:			0.000	0.000	0.00	0.000	

2 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 16:11**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

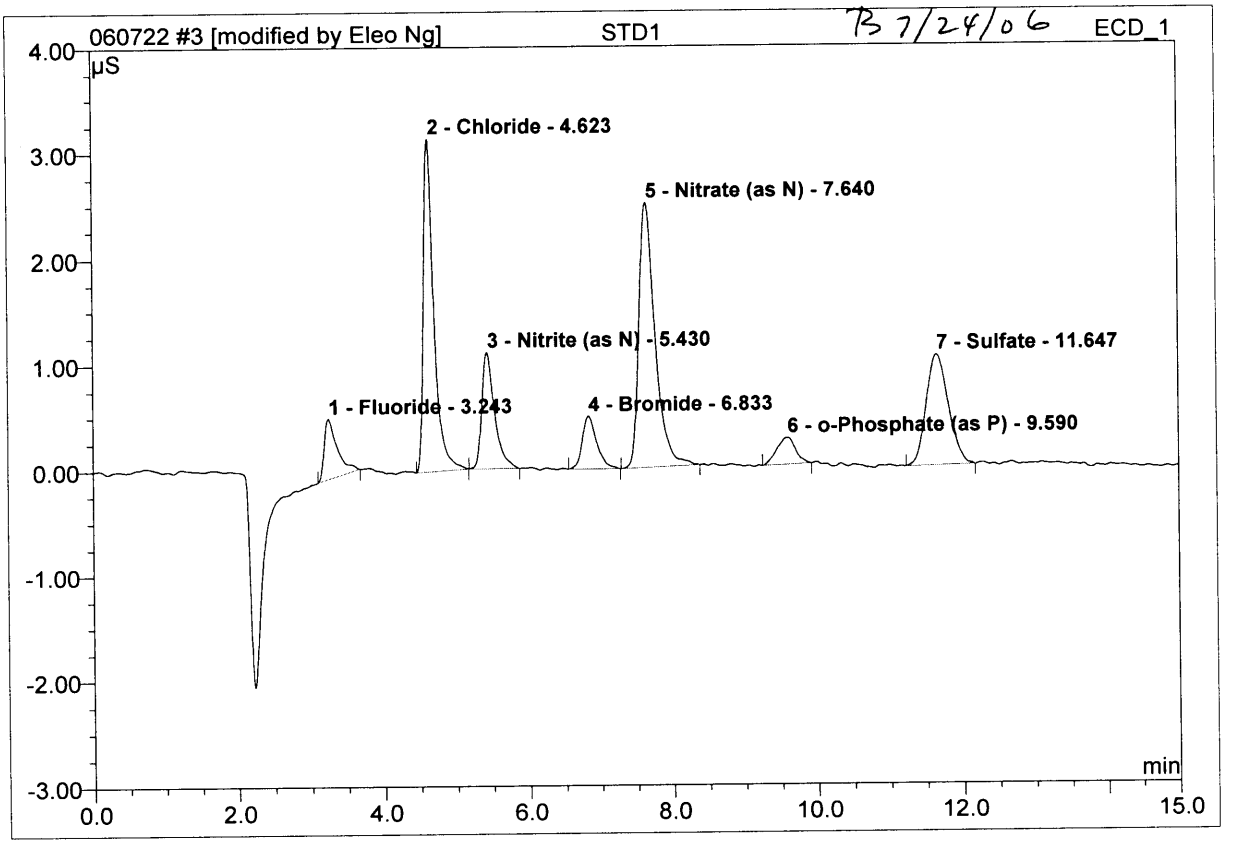


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
Total:			0.000	0.000	0.00	0.000	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060722

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**

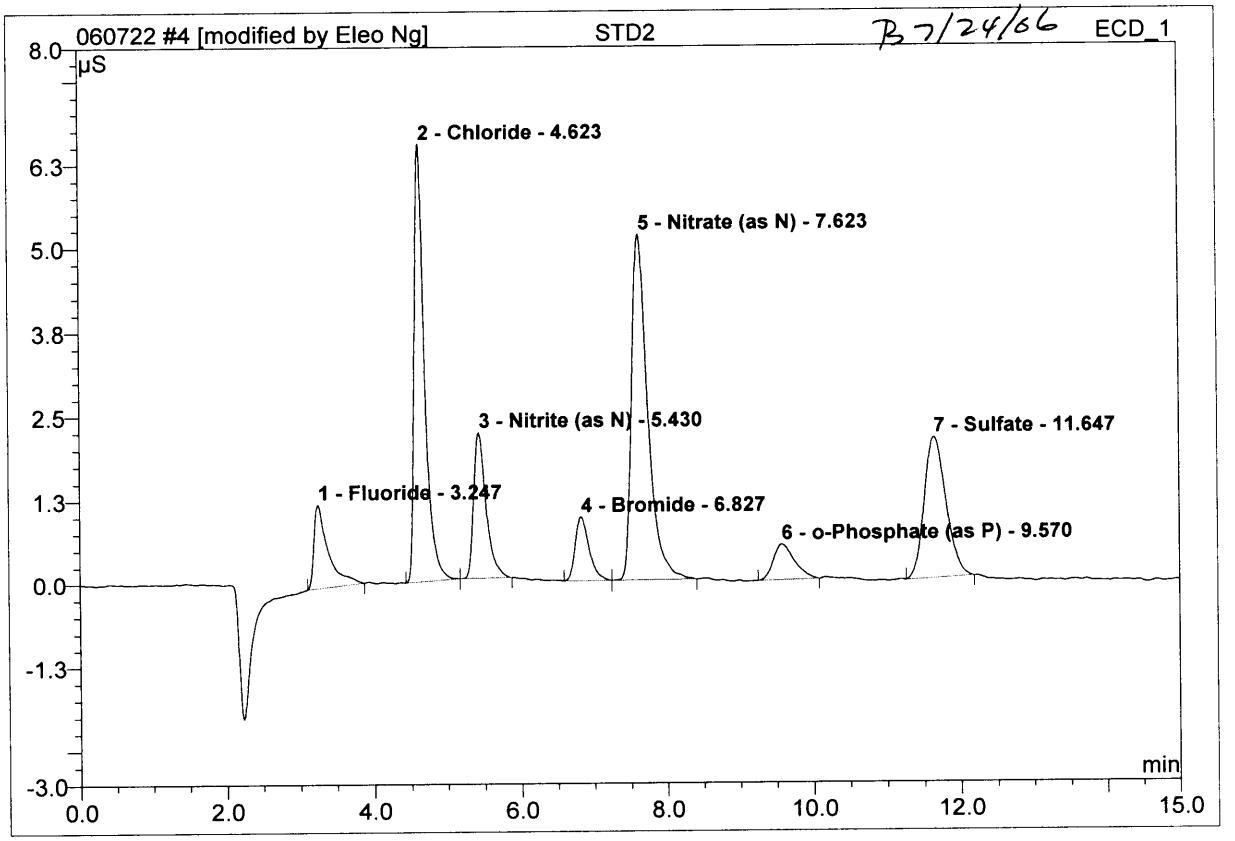


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.24	Fluoride	0.572	0.119	5.72	0.383	BMB*
2	4.62	Chloride	3.145	0.523	25.13	1.885	BMB
3	5.43	Nitrite (as N)	1.099	0.224	10.79	0.504	BMB*
4	6.83	Bromide	0.500	0.116	5.60	1.069	BMB
5	7.64	Nitrate (as N)	2.505	0.652	31.36	0.921	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	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060722

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**

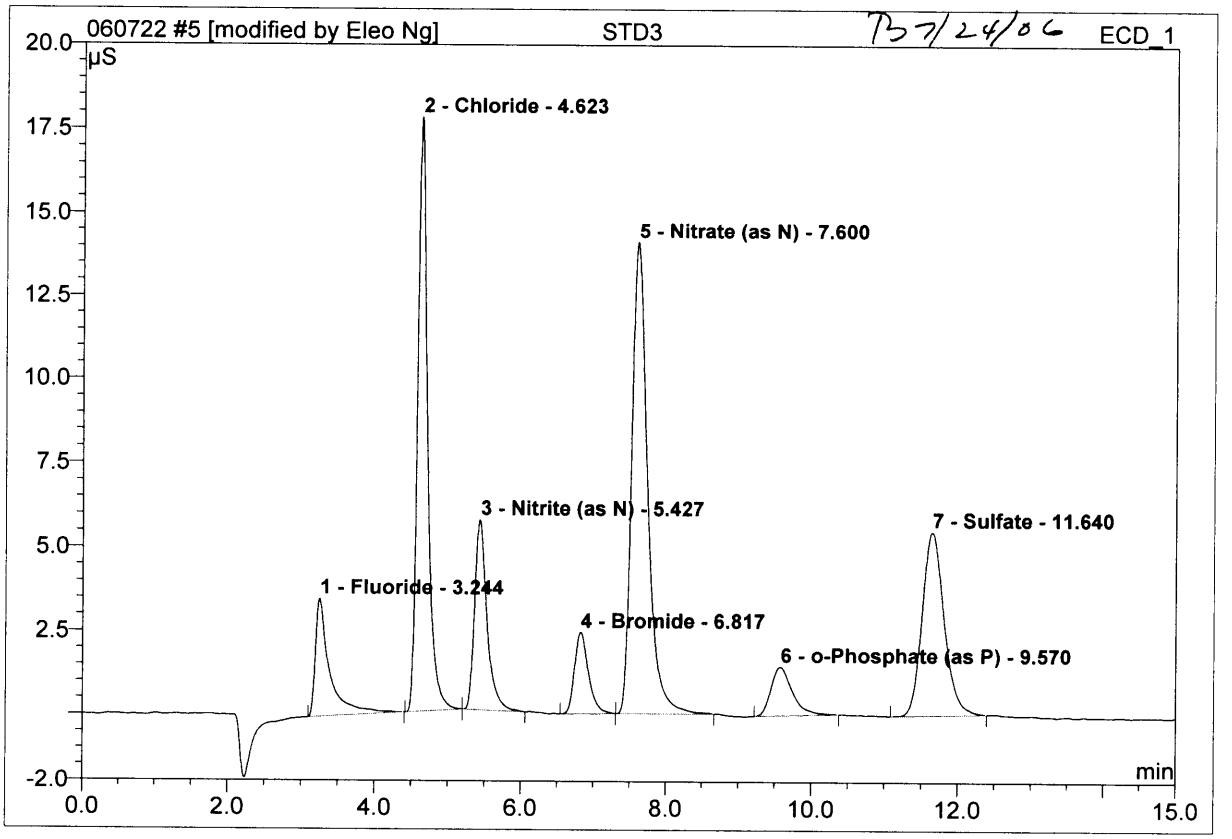


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.25	Fluoride	1.257	0.283	6.74	0.913	BMB*
2	4.62	Chloride	6.515	1.053	25.03	3.797	BMb
3	5.43	Nitrite (as N)	2.170	0.427	10.17	0.961	bMB
4	6.83	Bromide	0.958	0.212	5.04	1.946	BMB
5	7.62	Nitrate (as N)	5.142	1.329	31.60	1.876	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	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060722

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**

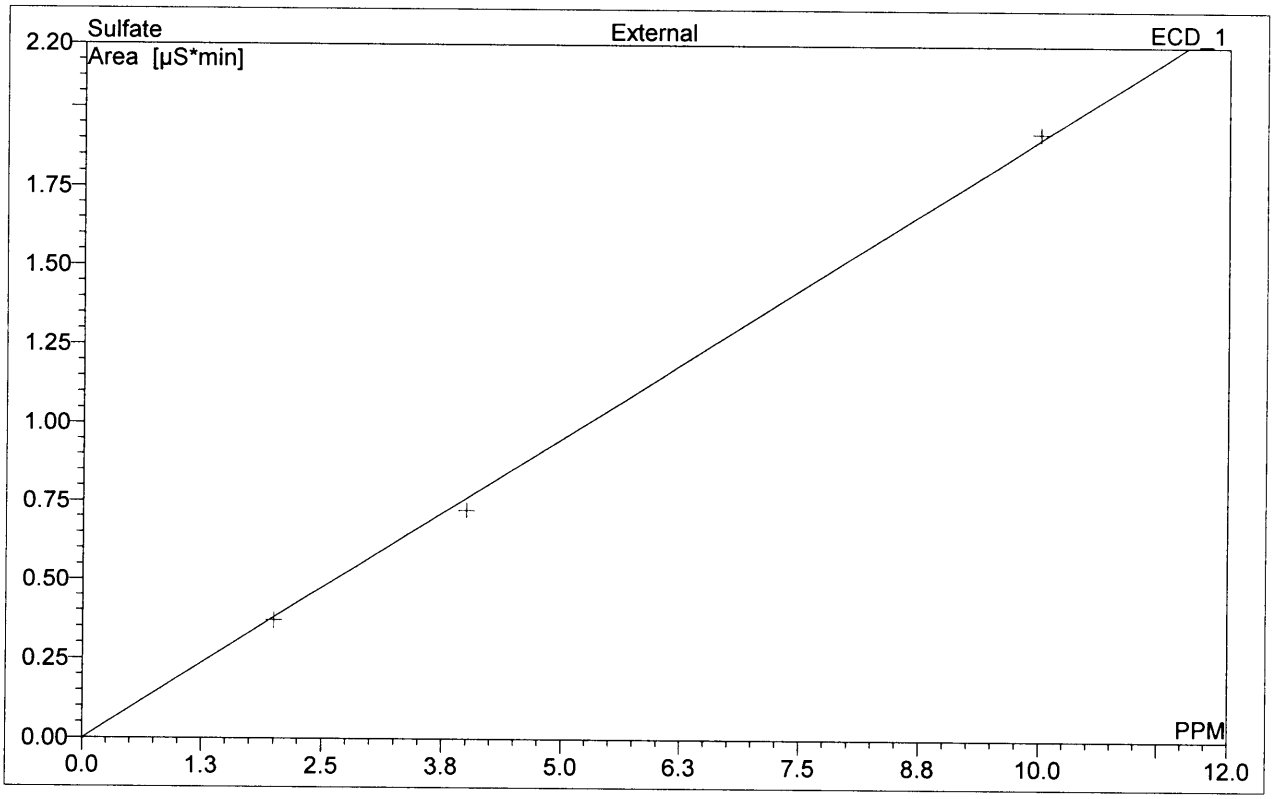


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.24	Fluoride	3.518	0.794	7.05	2.558	BMB
2	4.62	Chloride	17.739	2.801	24.86	10.104	BMb
3	5.43	Nitrite (as N)	5.666	1.119	9.93	2.515	bMB
4	6.82	Bromide	2.440	0.545	4.84	5.008	BMB
5	7.60	Nitrate (as N)	14.095	3.587	31.84	5.065	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:060722

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**

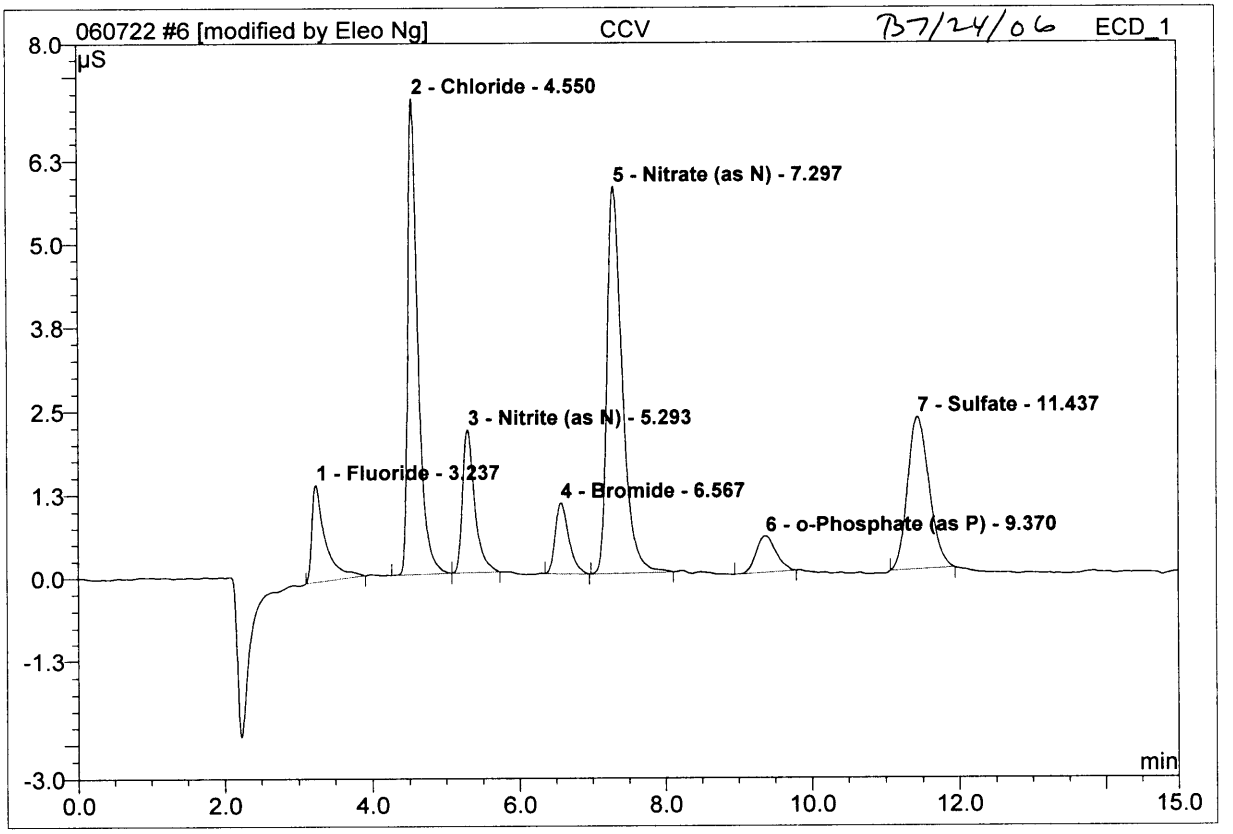


No.	Ret.Time min	Peak Name	Cal.Type	Points	Corr.Coeff. %	Offset	Slope	Curve
1	3.24	Fluoride	Lin	3	99.9976	0.0000	0.3104	0.0000
2	4.62	Chloride	Lin	3	99.9831	0.0000	0.2772	0.0000
3	5.43	Nitrite (as N)	Lin	3	99.9705	0.0000	0.4450	0.0000
4	6.83	Bromide	Lin	3	99.9579	0.0000	0.1089	0.0000
5	7.64	Nitrate (as 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

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060722

6 CCV

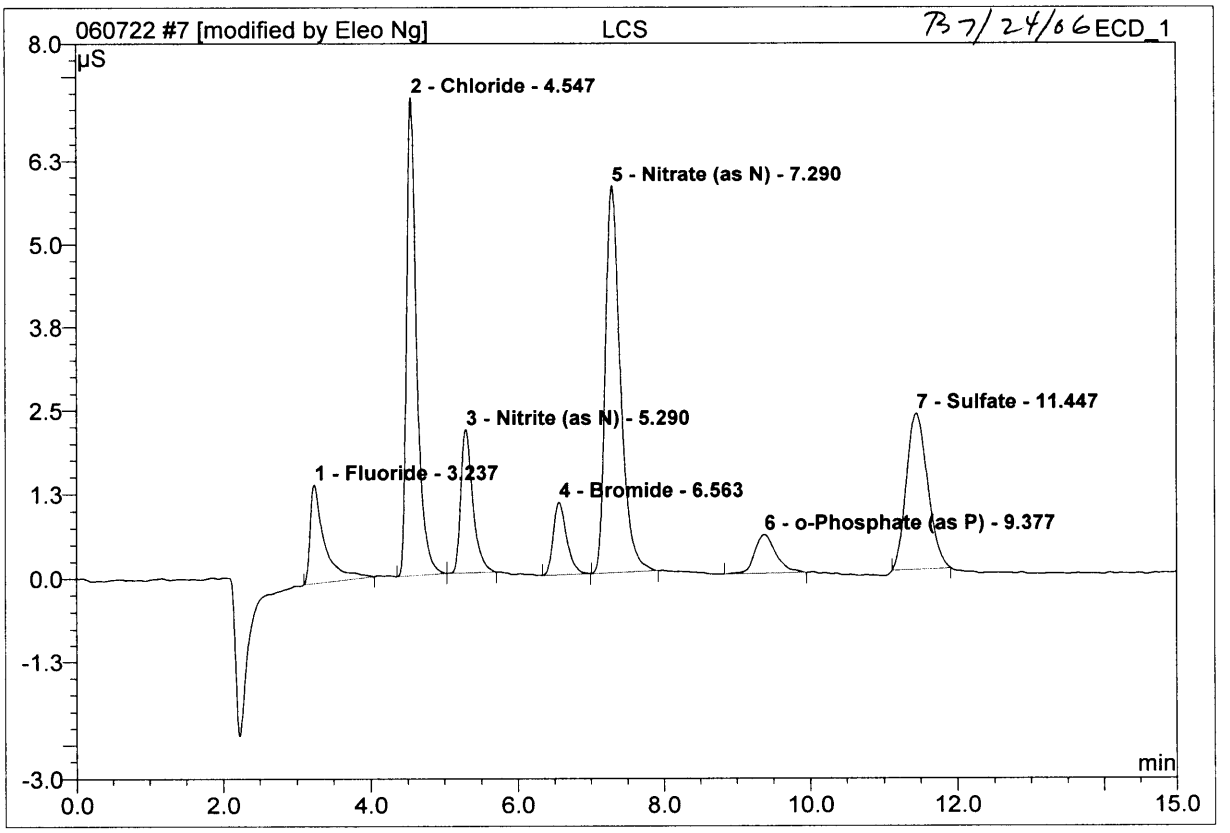
Sample Name:	**CCV**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 16:29**	*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	1.455	0.311	7.02	1.001	BMB
2	4.55	Chloride	7.123	1.133	25.61	4.086	BMB
3	5.29	Nitrite (as N)	2.140	0.410	9.28	0.922	BMB
4	6.57	Bromide	1.062	0.227	5.13	2.084	BMB
5	7.30	Nitrate (as N)	5.793	1.404	31.74	1.982	BMB*
6	9.37	o-Phosphate (as P)	0.545	0.170	3.84	0.869	BMB
7	11.44	Sulfate	2.277	0.769	17.39	4.042	BMB*
Total:			20.395	4.423	100.00	14.985	

7 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 16:46**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

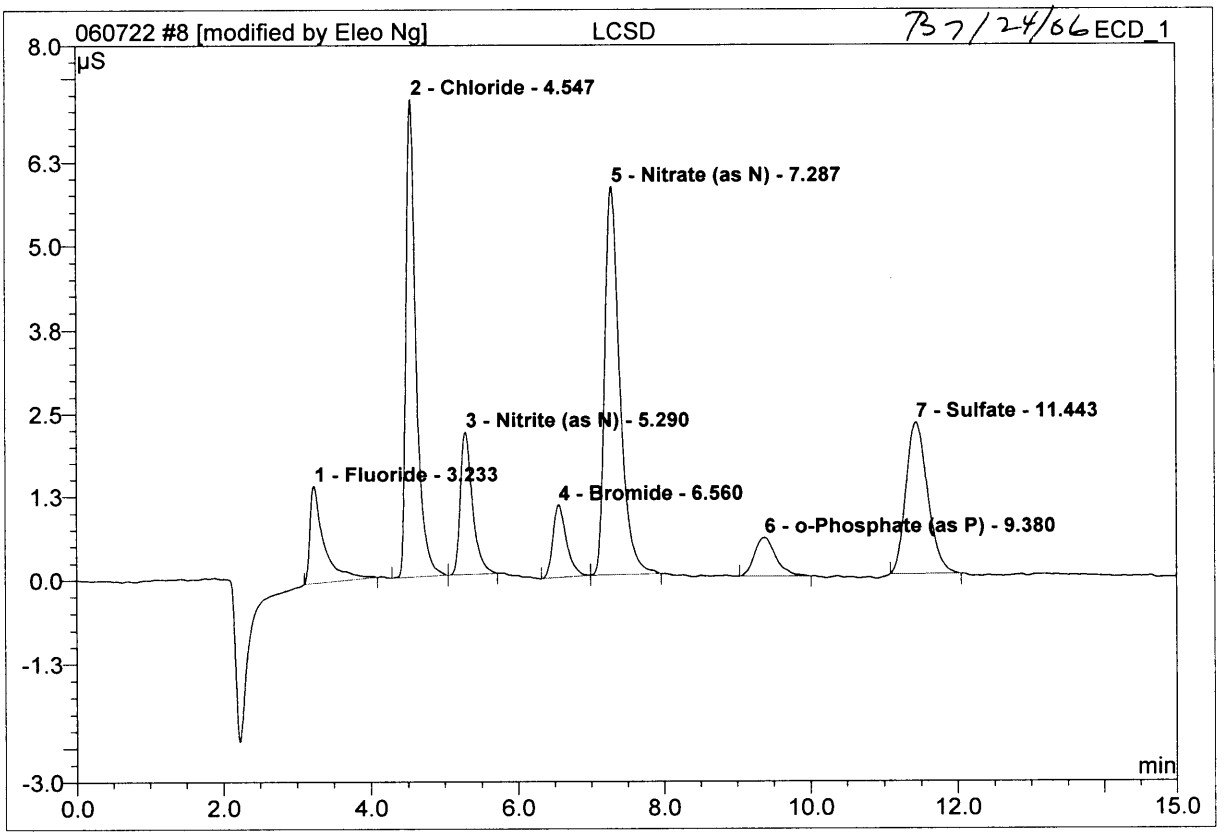


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.24	Fluoride	1.460	0.332	7.46	1.070	BMB
2	4.55	Chloride	7.147	1.131	25.39	4.079	BMb*
3	5.29	Nitrite (as N)	2.127	0.404	9.06	0.907	bMB
4	6.56	Bromide	1.074	0.229	5.14	2.102	BMB
5	7.29	Nitrate (as N)	5.781	1.387	31.15	1.959	BMB
6	9.38	o-Phosphate (as P)	0.579	0.194	4.36	0.994	BMB*
7	11.45	Sulfate	2.322	0.777	17.45	4.083	BMB*
Total:			20.491	4.454	100.00	15.194	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060722

8 LCSD

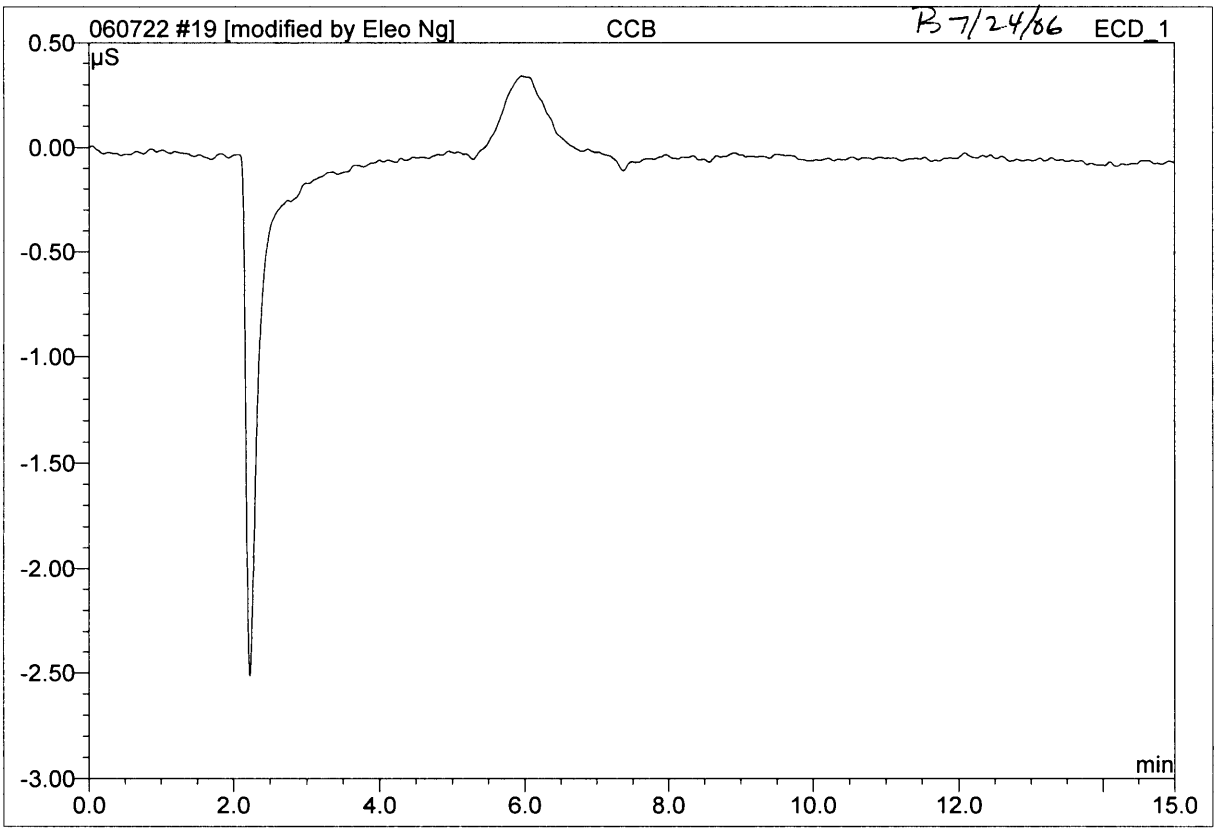
Sample Name:	**LCSD**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 17:04**	*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 PPM	Type
1	3.23	Fluoride	1.446	0.322	7.23	1.036	BMB
2	4.55	Chloride	7.137	1.129	25.38	4.074	BMB
3	5.29	Nitrite (as N)	2.141	0.407	9.15	0.915	BMB
4	6.56	Bromide	1.080	0.232	5.22	2.134	BMb*
5	7.29	Nitrate (as N)	5.798	1.391	31.27	1.964	bMB
6	9.38	o-Phosphate (as P)	0.577	0.193	4.34	0.988	BMB
7	11.44	Sulfate	2.277	0.775	17.41	4.070	BMB*
Total:			20.455	4.449	100.00	15.181	

19 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 20:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

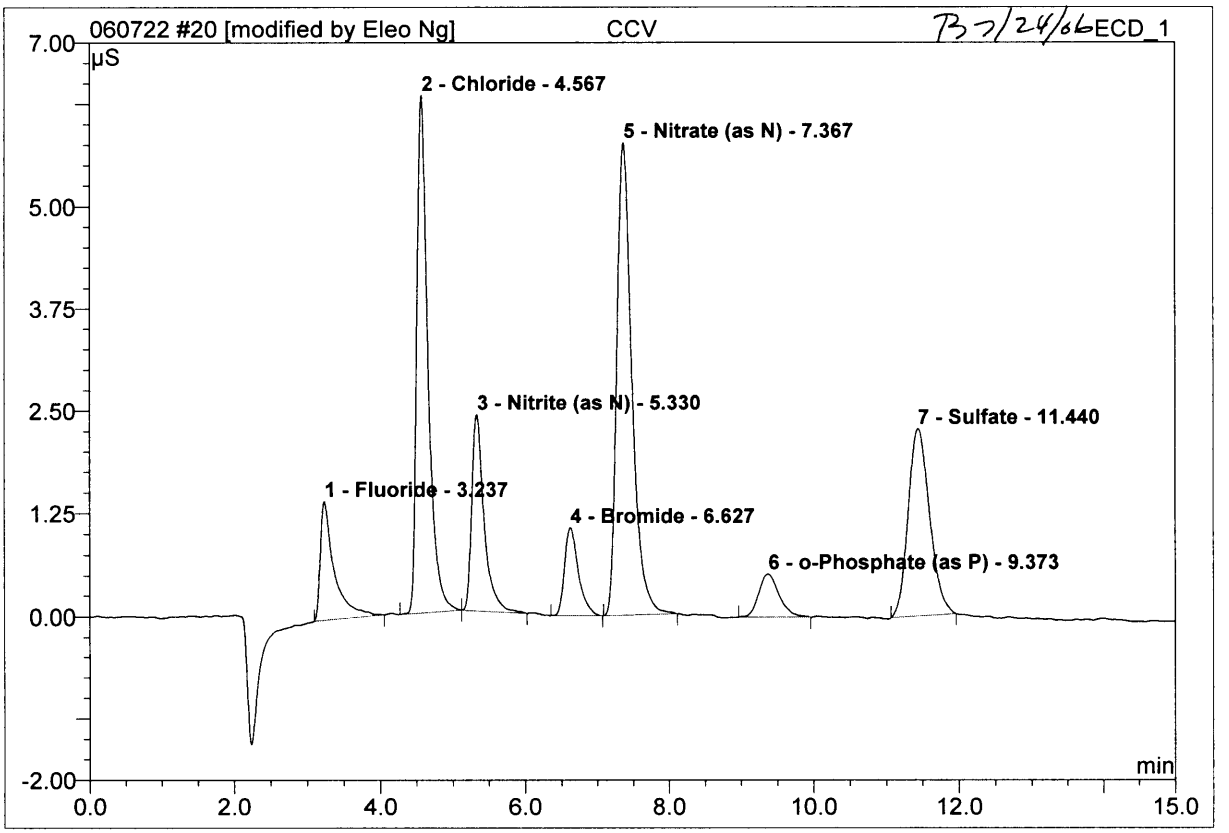


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
Total:			0.000	0.000	0.00	0.000	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060722

20 CCV

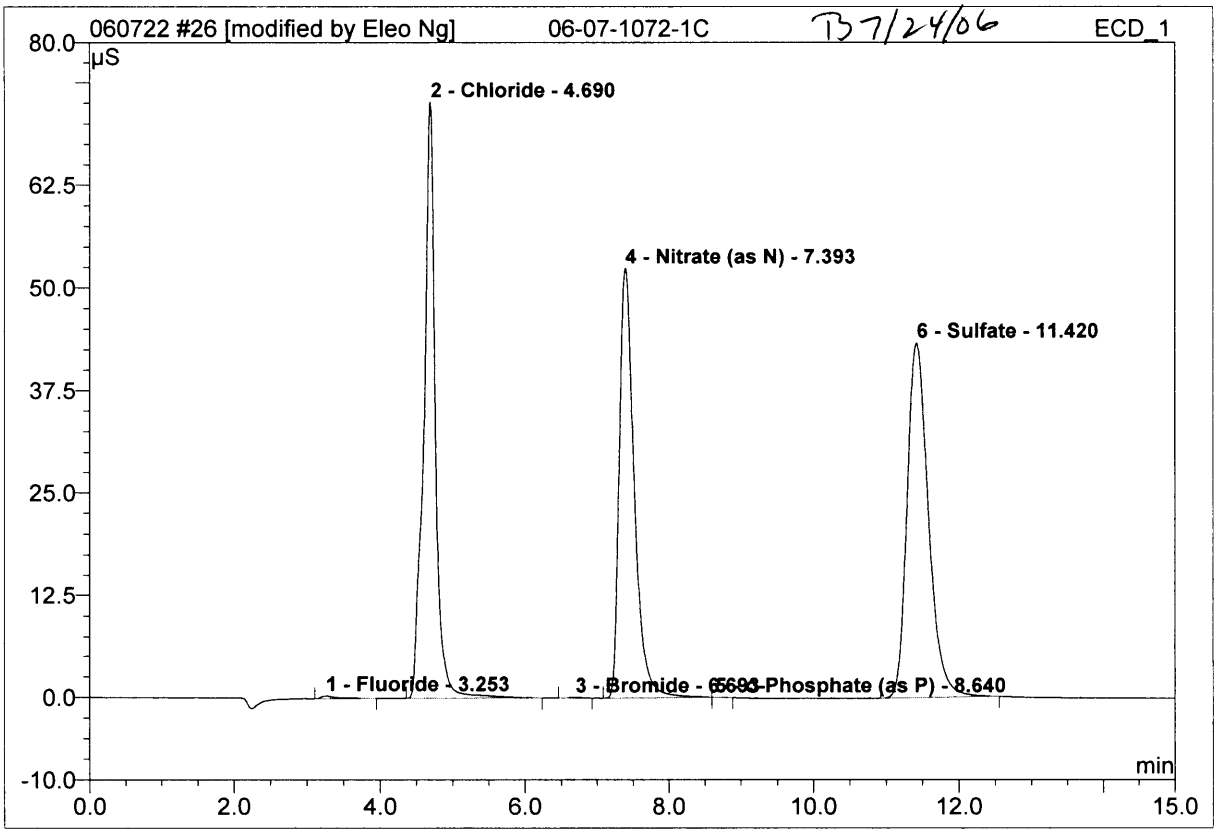
Sample Name:	**CCV**	*Injection Volume:*	**25.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**AS14 US EPA Method 300_0**	*Bandwidth:*	**n.a.**
Quantif. Method:	**AS14 US EPA Method 300_0**	*Dilution Factor:*	**1.0000**
Recording Time:	**7/22/2006 20:32**	*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	1.439	0.317	7.04	1.020	BMB*
2	4.57	Chloride	6.307	1.126	25.03	4.063	BMb
3	5.33	Nitrite (as N)	2.389	0.471	10.46	1.058	bMB
4	6.63	Bromide	1.068	0.238	5.28	2.182	BMB
5	7.37	Nitrate (as N)	5.759	1.401	31.14	1.979	BMB
6	9.37	o-Phosphate (as P)	0.528	0.171	3.80	0.875	BMB*
7	11.44	Sulfate	2.281	0.777	17.26	4.080	BMB*
Total:			19.772	4.500	100.00	15.257	

26 06-07-1072-1C

Sample Name:	**06-07-1072-1C**	*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 22:17**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

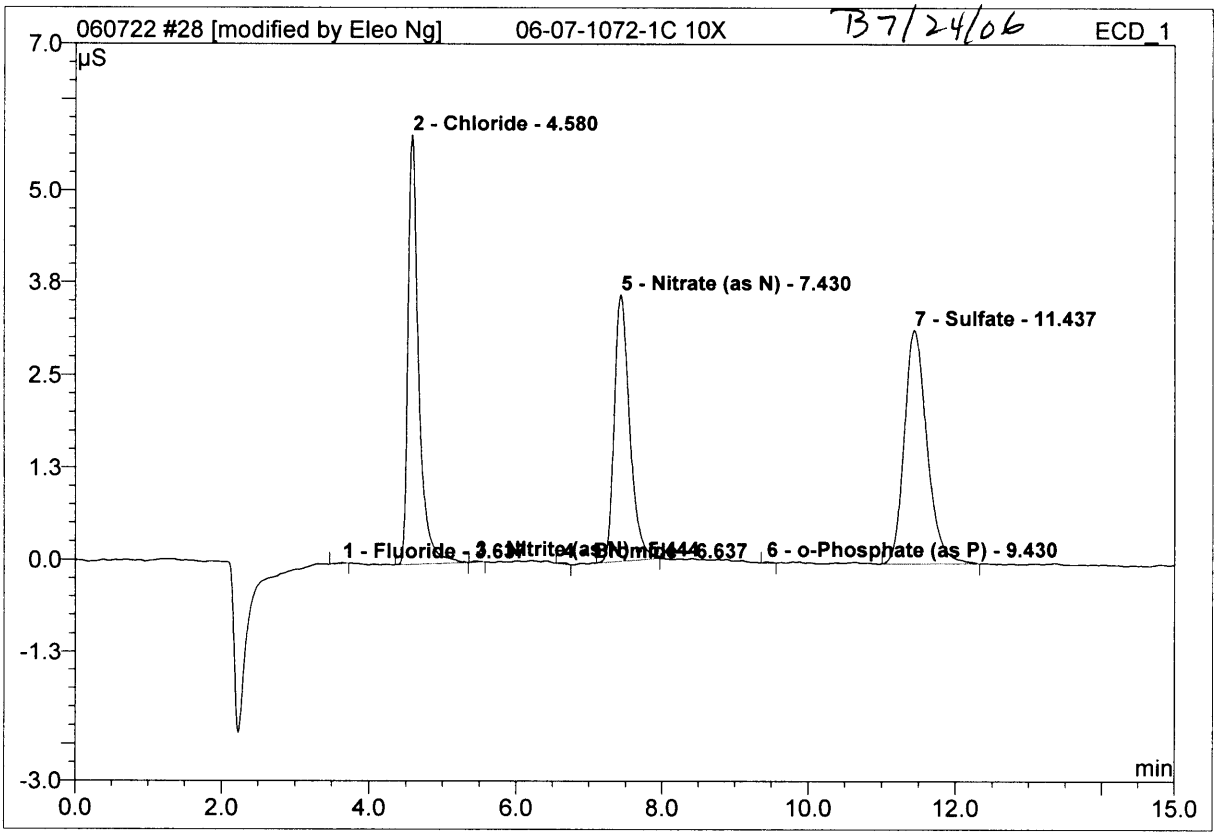


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.25	Fluoride	0.341	0.093	0.23	0.300	BMB
2	4.69	Chloride	72.758	13.441	32.76	48.488	BMB
3	6.69	Bromide	0.100	0.020	0.05	0.188	BMB
4	7.39	Nitrate (as N)	52.514	12.673	30.89	17.895	BMb
5	8.64	o-Phosphate (as P)	0.013	0.003	0.01	0.014	bMB
6	11.42	Sulfate	43.403	14.793	36.06	77.722	BMB*
Total:			169.129	41.023	100.00	144.606	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060722

28 06-07-1072-1C 10X

Sample Name:	**06-07-1072-1C 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 22:52**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

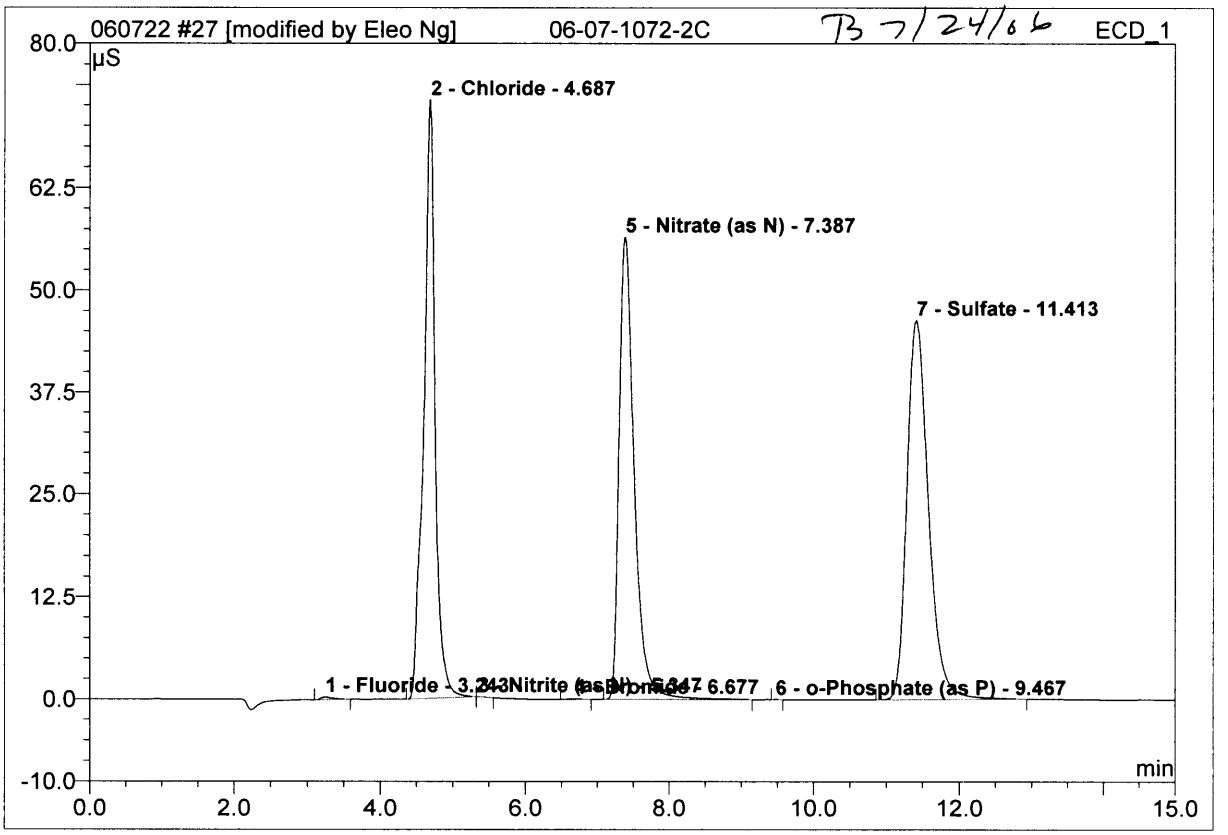


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.64	Fluoride	0.008	0.001	0.05	0.005	BMB*
2	4.58	Chloride	5.816	0.973	32.60	3.508	BMB
3	5.44	Nitrite (as N)	0.018	0.002	0.06	0.004	BMB
4	6.64	Bromide	0.018	0.002	0.07	0.019	BMB
5	7.43	Nitrate (as N)	3.598	0.880	29.49	1.242	BMB
6	9.43	o-Phosphate (as P)	0.018	0.002	0.06	0.009	BMB
7	11.44	Sulfate	3.148	1.124	37.67	5.905	BMB
Total:			12.623	2.983	100.00	10.692	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060722

27 06-07-1072-2C

Sample Name:	**06-07-1072-2C**	*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 22:34**	*Sample Weight:*	**1.0000**
Run Time (min):	**15.00**	*Sample Amount:*	**1.0000**

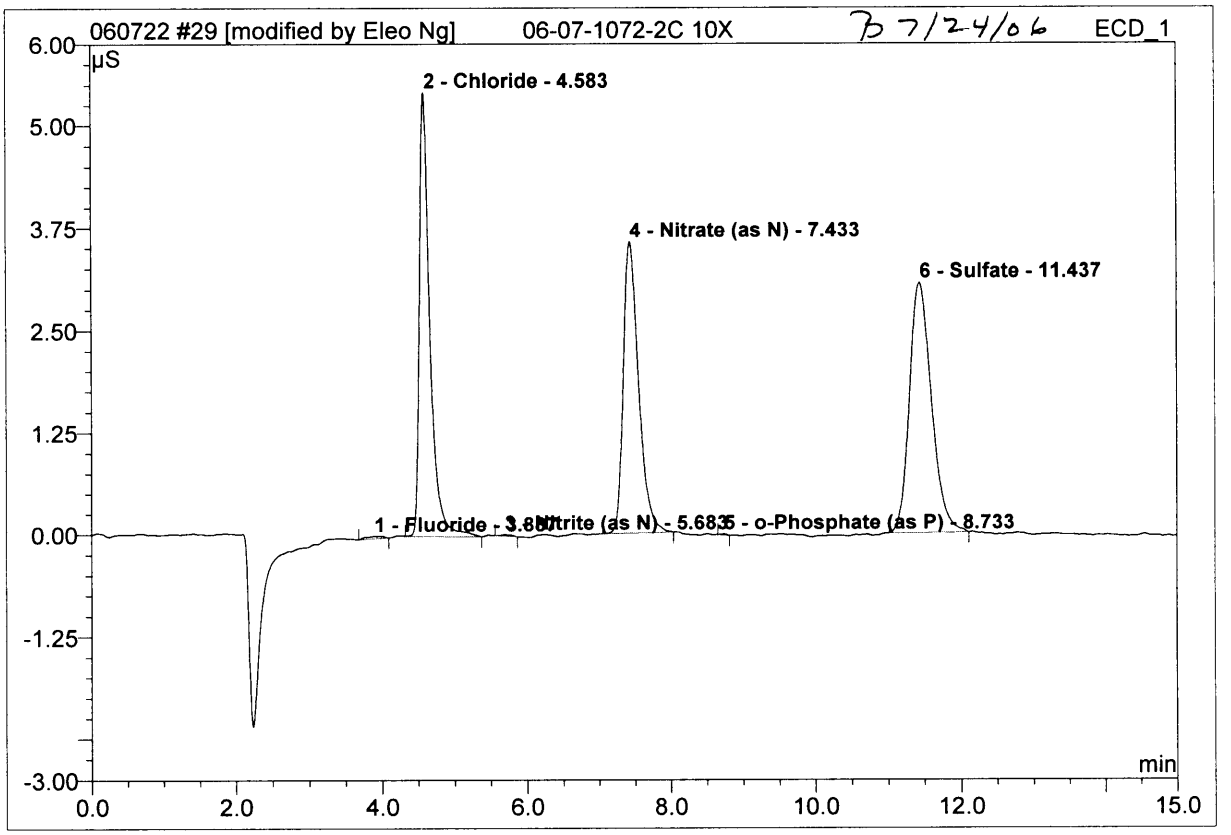


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount PPM	Type
1	3.24	Fluoride	0.332	0.068	0.16	0.218	BMB*
2	4.69	Chloride	73.038	13.192	30.69	47.590	BMb
3	5.35	Nitrite (as N)	0.011	0.003	0.01	0.007	bMB
4	6.68	Bromide	0.104	0.019	0.04	0.172	BMB
5	7.39	Nitrate (as N)	56.599	13.783	32.07	19.463	BMB
6	9.47	o-Phosphate (as P)	0.015	0.001	0.00	0.006	BMB
7	11.41	Sulfate	46.424	15.919	37.03	83.638	BMB
Total:			176.523	42.985	100.00	151.094	

Operator:Eleo Ng Timebase:ICS_1000 Sequence:060722

29 06-07-1072-2C 10X

Sample Name:	**06-07-1072-2C 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 23:09**	*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	3.89	Fluoride	0.030	0.008	0.29	0.027	BMB
2	4.58	Chloride	5.433	0.909	31.57	3.280	BMB
3	5.68	Nitrite (as N)	0.019	0.003	0.11	0.007	BMB
4	7.43	Nitrate (as N)	3.567	0.880	30.55	1.243	BMB
5	8.73	o-Phosphate (as P)	0.013	0.001	0.04	0.005	BMB
6	11.44	Sulfate	3.065	1.079	37.45	5.667	BMB
Total:			12.127	2.881	100.00	10.229	

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Hardness by EPA 130.2

Camp Dresser & McKee

CEL W.O. 06-07-1072

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/ G003-011-25	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	434 ~~482~~ DN 07/22/06	436 ~~482~~ 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	20	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	~~36.7~~ 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	

Reviewed by _____ Date ___/___/___

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)	1.03 in 1 L H_2O → (1ml of HNO_3 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

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CEL W.O. 06-07-1072

Hewitt Landfill Groundwater

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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	1B	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~~ ~~25000~~ jcw 07/25/06	25100	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	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/SM4500CO2D Date Analyzed: 02/17/06

Titrant: ~~Nitric Acid~~ SULFURIC ACID Analyst: Ha/jas

02/17/06

A. Standardization solution

Lot Number: 016170 ~~G002-057-21~~ Expiration Date: 02/17/07

Standard	Na_2CO_3
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

$$N_T = \frac{N_S \cdot V_S}{V_T} = \frac{(0.02)(50)}{47} \approx 0.02\,N$$

Comments:

Reviewed by: [signature] Date: 02/20/06

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Fluoride by EPA 340.2

Camp Dresser & McKee

CEL W.O. 06-07-1072

Hewitt Landfill Groundwater

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

Fluoride Method No.: EPA 340.2

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/

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	10 ppm	500 ml	0.40 ppm	H2O	N/A	SAS	09/03/06
	K		1000 PPM PO4-LCS	G040306B	1.0 ml	1000 ppm		10 ppm				
	L			G040306K	20 ml	10 ppm		0.40 ppm				
	M				40 ml			0.80 ppm				
04/04/06	G040406A	NH3	CCV 1000 ppm NHCL	G003-019-03	3.8230 g	solid	1L	1000 ppm	H2O	N/A	SER	04/04/07
	B		LCS NH4CL	G003-015-07	3.8911 g	solid						
04/04/06	G040406C	NH3-N	10 ppm	G040406A	1.0 ml	1000	100 ml	10 ppm	H2O	N/A	SER	04/04/06
	D		100	G040406B	10 ml	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	0.22223 g	SOLID	1L	100 PPM	H2O	N/A	jas	10/05/06
	B		NaF-	G002-086-22	0.2218 5 g	SOLID	1L	100 PPM				
	C			G040506A	10 ml	100 PPM	100 ml	10 PPM				
	D				5.0 ml			5 PPM				
	E				1.0 ml			1.0 PPM				
	F			G040506C	5.0 ml	10 PPM		0.50 PPM				
	G				1.0 ml	10 PPM		0.10 PPM				
	H			G040506B	100 ml	100 PPM	1L	10 PPM				
	i				10 ml	100 PPM	1L	1.0 PPM				
	J				5.0 ml		100 ml	5.0 PPM				
	K				5.0 ml			5.0 PPM				
	L			G040506H	5.0 ml	10 PPM		0.50 PPM				
	M				5.0 ml	10 PPM		0.50 PPM				
	N	TUR	Formazin	G003-009-14	2.5 mL	4000 NTU	100 mL	100 NTU	H2O	N/A	HL	04/05/06

Reviewed by: _____ on 04 / 14 / 06

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Total Organic Carbon by EPA 415.1

Camp Dresser & McKee

CEL W.O. 06-07-1072

Hewitt Landfill Groundwater

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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 20G 084	06 07-1017-4F	W	5 ml	NA	NA	NA	[illegible]	
	43		086	06 07-0904-1A500X							
	44		088	-2A 1000X							
	45		090	-2A 200X							
	46		092	-2A 500X							
	47		094	CCB							
	48		096	CCV					GOTBUSP		
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 BLANK 1	W	5 ml	NA	NA	NA	EAN	
	2		004	METHOD BLANK 2							
	3		006	CCB							
	4		008	CCV					G070306A		
	5		010	LCS					G070306Q		
	6		012	LCSD							
	7		014	06-07-0984-5D5X					NA		DOC
	8		016	06-07-0984-1I							
	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 [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
07/21/06	16	060721A	060721A1032	CCB	W	5 ml	NA	NA	NA	EAN	
	17		034	CCV					G070306P		
	18		036	METHOD BLANK					NA		
	19		038	CCB							
	20		040	CCV					G070306P		
	21		042	LCS					G070306Q		
	22		044	LCSD							
	23		046	06-07-0989-1S							
	24		048	-2S							
	25		050	06-07-1077-5F							
	26		052	-7F							
	27		054	06-07-1032-1H							
	28		056	-2R							
	29		058	-2RMS					G070306Q		
	30		060	-2RMSD							
	31		062	-3M					NA		
	32		064	06-07-1072-1E							
	33		066	-2E							
	34		068	06-07-1089-1G							
	35		070	-4G							
	36		072	-5G							

Reviewed by [signature] Date 07/28/06

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	37	06072IA	06072IA074	06-07-1089-7G	W	5 ml	NA	NA	NA	EAN	
	38		076	06-07-0959-1H25X							
	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					G07CB06P		
07/24/06	1	06072YF	06072YF001	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

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TOC 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	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				06-07-0984 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				06-07-0984 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				06-07-0984 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 DD
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			

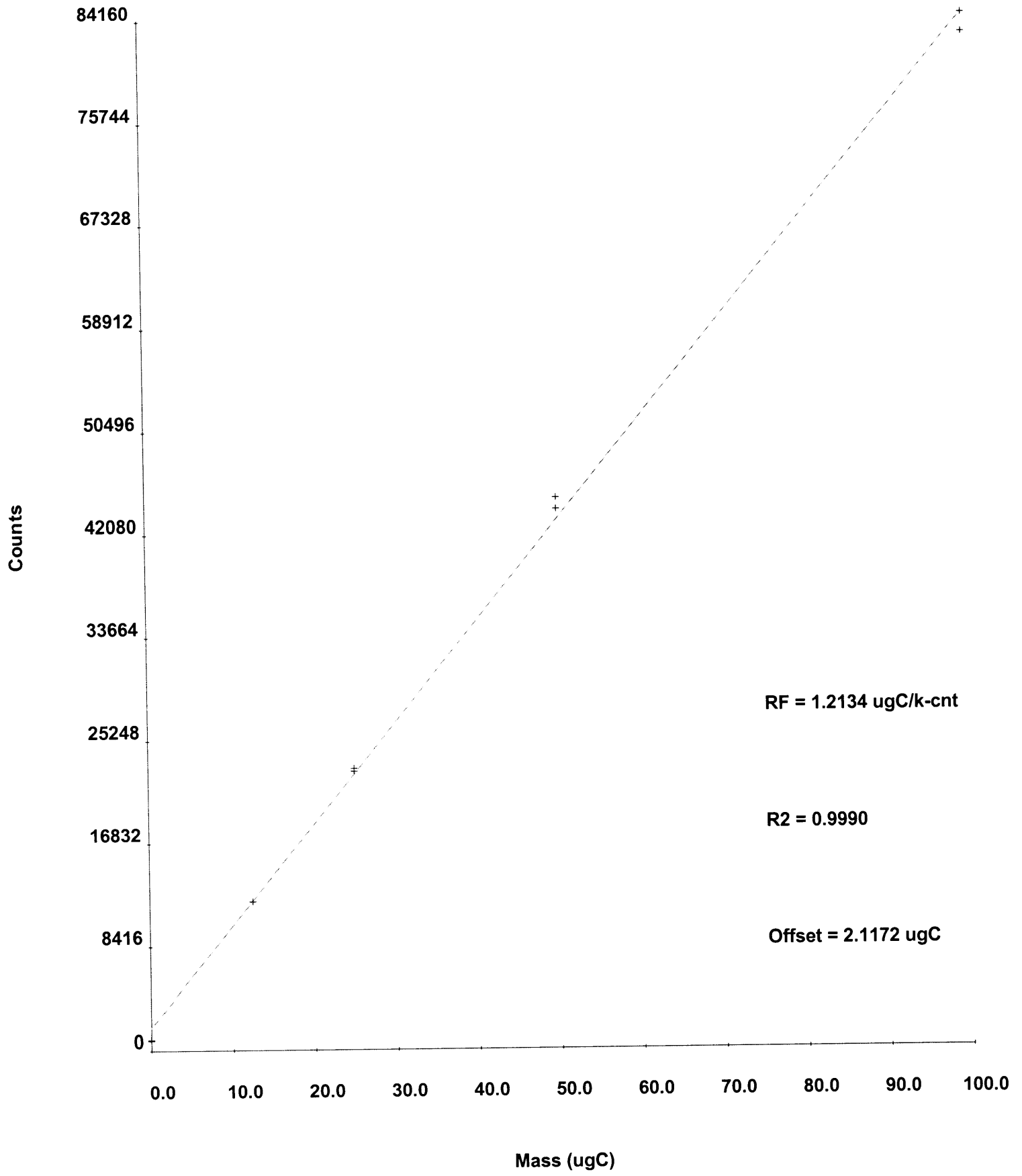
22	Spl	Avg	-	-	-	-	-	-	20003	24.091	4.8181	-	-	-
22	Spl	SDev	-	-	-	-	-	-	52.33	-	-	-	-	-
22	Spl	%RSD	-	-	-	-	-	-	0.26	-	-	-	-	-
23	Spl	1	22Jul2006	03:10	0721H044	-	-	-	5496	6.487	1.2974	-	-	-
23	Spl	2	22Jul2006	03:19	0721H045	-	-	-	7387	8.782	1.7563	06 02 0989 1J		
23	Spl	Avg	-	-	-	-	-	-	6441	7.634	1.5269	-	-	-
23	Spl	SDev	-	-	-	-	-	-	1337.14	-	-	-	-	-
23	Spl	%RSD	-	-	-	-	-	-	20.76	-	-	-	-	-
24	Spl	1	22Jul2006	03:29	0721H046	-	-	-	5966	7.057	1.4115	06 02 0989 2J		
24	Spl	2	22Jul2006	03:39	0721H047	-	-	-	8020	9.550	1.9100	-	-	-
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	06 02 1077 8F		
25	Spl	2	22Jul2006	03:58	0721H049	-	-	-	2323	2.637	0.5274	-	-	-
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	06 02 1132 1A		
27	Spl	Avg	-	-	-	-	-	-	6774	8.038	1.6076	-	-	-
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	06 02 1132 2R		
28	Spl	Avg	-	-	-	-	-	-	7073	8.401	1.6801	-	-	-
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	06 02 1132 2R 1S		
29	Spl	Avg	-	-	-	-	-	-	29254	35.317	7.0634	-	-	-
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	06 02 1132 2R MSD		
30	Spl	Avg	-	-	-	-	-	-	28756	34.712	6.9424	-	-	-
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	06 02 1132 3M		
31	Spl	Avg	-	-	-	-	-	-	1150	1.214	0.2428	-	-	-
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	06-07-1089-8G	
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	06-07-1089-7G	
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	-	-
41	Spl	2	22Jul2006	09:03	0721H081	-	-	-	8868	10.579	2.1158	06-07-0964-1A 20X	
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	06-07-0964-2A 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	-	-	-	-	-

CN

Calibration - 050420ETOC (TOC, 20Apr2005 18:32)



Calscience
Environmental
Laboratories, Inc.

Sulfide by EPA 376.2

Camp Dresser & McKee

CEL W.O. 06-07-1072

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 G5022806A	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 Sulf
↓	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 __/__/__

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Total Dissolved Solids by EPA 160.1

Camp Dresser & McKee

CEL W.O. 06-07-1072

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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