Analytical Data Report

for

E S P L Environmental
100 West 32nd St. 5th Floor
New York, NY 10001

Project: 26100

Accredited Analytical Resources Case No.: 2931
Date Received: 07/28/06

Field ID	Laboratory Sample #
05 DP 1S	200607209
05 DP 3S	200607210
05 DP 7S	200607211
05 DP 9S	200607212
05 DP 10S	200607213
MS S	200607214
MSD S	200607215
05 DP 1A	200607216
05 DP 3A	200607217
05 DP 7A	200607218
05 DP 9A	200607219
05 DP 10A	200607220
MS A	200607221
MSD A	200607222
TRIPBLANK	200607223
FIELDBLANK	200607224

Accredited Analytical Resources, LLC New York Certification Number 11109. This data has been reviewed and accepted by:

Daniel S. Miguel
Technical Director

Total Pages N/A

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SDG NARRATIVE

Accredited Analytical Resources, LLC received 7 soil samples, 7 aqueous samples, 1 field blank sample and 1 trip blank sample (Project: 26100; AAR Case #2931) from ESPL Environmental on 7/28/06 for the analyses of Volatile Organics and Polynuclear Aromatic Hydrocarbons.

All analyses were performed within the required holding time.

All soil analyses were reported on a dry weight basis.

In the PAH analyses, two surrogates (Nitrobenzene-d5 and 2-Fluorobiphenyl) for AAR Sample #0607218 were out of criteria. The sample was diluted and analyzed and one surrogate (Nitrobenzene-d5) was again recovered out of the required criteria. The internal standard area check for AAR Sample #0607217 was out of criteria. The sample was diluted and analyzed, and the internal standard was recovered within the required criteria.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Daniel S. Miguel
Technical Director

Date: 07/29/06 ACCREDITED ANALYTICAL RESOURCES, LLC Time: 8:11

ORGANIC ANALYSIS LABORATORY CHRONICLE

NY; OTHER = CAT B; 8260 STARS; 8270 STARS; MS, MSD SEE ATTACHED

Client: E S P L Environmental
Fax Data Due: **08/09/06**
Test Date Due: 08/10/06
Hard Copy Due: **08/09/06**

Client Project Name: 26100

Date Sampled:07/27/06 Date Received:07/28/06 Report Package: Other

Test: VO
Test Description:Volatile Organics (VO)

QC#:_____

By Method: _____

SAMPLE IDENTIFICATION			M	EXTRACTION			ANALYSIS			C	G
Field#	Case#	Sample#	t x	Date	Time	Init	Date	Time	Init		
05 DP 1S	2931	200607209	S				7/31/06	17:38	GF		Y
05 DP 3S	2931	200607210	S					18:12			Y
05 DP 7S	2931	200607211	S					18:47			Y
05 DP 9S	2931	200607212	S					19:21			Y
05 DP 10S	2931	200607213	S				8/1/06	11:44			Y
MS S	2931	200607214	S				7/31/06	13:06			Y
MSD S	2931	200607215	S				↓	13:41			Y
05 DP 1A	2931	200607216	A				8/3/06	16:53	GF		Y
05 DP 3A	2931	200607217	A				8/3/06	11:46			Y
05 DP 7A	2931	200607218	A				07/31/06	18:00			Y
05 DP 9A	2931	200607219	A					18:33			Y
05 DP 10A	2931	200607220	A					19:06			Y
MS A	2931	200607221	A					19:39			Y
MSD A	2931	200607222	A					20:12			Y
TRIPBLANK	2931	200607223	A					21:19			
FIELDBLANK	2931	200607224	A					15:15			Y

Reviewed by: _____ Date: 8/9/06

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other
RPT:Re[illegible]t0

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Date: 07/29/06 ACCREDITED ANALYTICAL RESOURCES, LLC Time: 8:39:11

ORGANIC ANALYSIS LABORATORY CHRONICLE

NY; OTHER = CAT B; 8260 STARS; 8270 STARS; MS, MSD SEE ATTACHED

Client: E S P L Environmental
Fax Data Due: **08/09/06**
Test Date Due: 08/03/06
Hard Copy Due: **08/09/06**

Client Project Name: 26100

Date Sampled:07/27/06 Date Received:07/28/06 Report Package: Other

Test: PAH
Test Description:Polynuclear Aromatic Hydrocarbon (PAH)

QC#: _____

By Method: _____

SAMPLE IDENTIFICATION			Mtx	EXTRACTION			ANALYSIS			FLAG
Field#	Case#	Sample#		Date	Time	Init	Date	Time	Init	
05 DP 1S	2931	200607209	S	8/1/06		B.	8/3/06	13:02	JH	Y
05 DP 3S	2931	200607210	S					13:48		Y
05 DP 7S	2931	200607211	S					14:34		Y
05 DP 9S	2931	200607212	S					15:20		Y
05 DP 10S	2931	200607213	S					16:06		Y
MS S	2931	200607214	S					16:52		Y
MSD S	2931	200607215	S					17:38		Y
05 DP 1A	2931	200607216	A	8/1/06		B.	8/3/06	18:19		Y
05 DP 3A	2931	200607217	A					13:42		Y
05 DP 7A	2931	200607218	A					14:28		Y
05 DP 9A	2931	200607219	A					15:14		Y
05 DP 10A	2931	200607220	A					16:00		Y
MS A	2931	200607221	A					16:47		Y
MSD A	2931	200607222	A					17:33		Y
FIELDBLANK	2931	200607224	A					20:37		Y

Reviewed by: _____ Date: 8/9/06

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other
RPT:Re

Date: 07/29/06 ACCREDITED ANALYTICAL RESOURCES, LLC Time: 8:39:12

INORGANIC ANALYSIS LABORATORY CHRONICLE

NY; OTHER = CAT B; 8260 STARS; 8270 STARS; MS, MSD SEE ATTACHED

Client: E S P L Environmental
Fax Data Due: **08/09/06**
Test Date Due: 08/10/06
Hard Copy Due: **08/09/06**
Client Project Name: 26100
Case #: 2931

Date Sampled: 07/27/06 Date Received: 07/28/06 Report Pkg: Other

Test: SOLIDS %
Test Description:
Sample Matrix: S

Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid
:F=Filters:P=Potable Water:G=Sludge:X=Other
By Method: _____

SAMPLE IDENTIFICATION		ANALYTICAL DATA			LABORATORY CHRONICLE PREPARATION		ANALYSIS		
Field#	Sample#	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	R
05 DP 1S	200607209	86.6	0.1	1.0	7/31	CL	7/31	CL	3.158
05 DP 3S	200607210	75.0							
05 DP 7S	200607211	88.8							
05 DP 9S	200607212	90.4							
05 DP 10S	200607213	93.7							
MS S	200607214	92.7							
MSD S	200607215	94.0							

QUALITY CONTROL: _____
Method Blank : _____
Percent Spike Recovery : _____
Relative Percent Difference of Duplicate Samples : _____
RPT:Re t0

Reviewed by: _____ Date: 8/1/06

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Accredited Analytical Resources, LLC
20 Pershing Ave
Carteret, NJ 07008
Phone (732) 969-6112
Fax (732) 541-1383

CHAIN OF CUSTODY FORM

STATE AGENCY NJ NY PA CT DE OTHER ____

CLIENT	ESPL
ADDRESS	106 W 32nd ST
CITY	New York
STATE	NY ZIP 10001

PROJECT	2600
CONTACT	Ray Kahn
PHONE	212-330-7501
FAX	212-330-7505

ALI SAMPLE #	FIELD ID	*C	**M	DATE / TIME SAMPLED	SAMPLE DESCRIPTION	ANALYSIS
0607209	OS OP 1S	2	S	7/27/06 11:45A		8260 ~~8021~~ STARS, 8270 STARS
0607210	OS OP 3S	2		7/27/06 4:03A		
0607211	OS OP 7S	2		7/27/06 10:10A		
0607212	OS OP 9S	2		7/27/06 3:15P		
0607213	OS OP 10S	2		7/27/06 2:10P		
0607214	Matrix Spike	2		7/27/06 3:19P		
0607215	Matrix Spike dup	2		7/27/06 3:45P		
0607216	OS OP 1 A	3	L	7/27/06 11:54		8260 , 8270
0607217	OS OP 3 A	3		7/27/06 4:08A		
0607218	OS OP 7 A	3		7/27/06 9:48		
0607219	OS OP 9 A	3		7/27/06 3:15		
0607220	OS OP 10 A	3		7/27/06 2:23		
0607221	Matrix SPike	3		7/27/06 2:20		
0607222	Matrix Spike dup	3		7/27/06 3:32		
0607223	Trip blank	2		7/27/06		
0607224	Field blank	2		7/27/06 2100E		8270

**M = MATRIX A=AQUEOUS S=SOIL G=SLUDGE P=POTABLE WATER O=OIL F=FILTER K=SOLID X=OTHER

*C = NO. CONTAINERS TURNAROUND: _____ (If Blank, Std. 3 weeks)

DELIVERABLES (circle one) STD REDUCED FULL OTHER CATB

RELINQUISHED BY: PRINT	SIGN	RECEIVED BY: PRINT	SIGN	ORGANIZATION	DATE	TIME	REASON
A Hawkenkhan	A	Charles Onwudinjo		AAR	7/27	9:47	
Charles O		Joe Logan		AAR	7/28	1600	AM NV

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: _____ SIGN: _____

COMMENTS	Tom ALI'C

ALI QUOTE#	5
ALI CASE#	2931
P.O.#	

Accredited Analytical Resources, LLC

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Analytical Resources Location: Carteret, NJ

Name: JCelogan Title: SRC

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 2931 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
05 DP 1S	200607209	VO	07/27/06	07/28/06
05 DP 3S	200607210	VO	07/27/06	07/28/06
05 DP 7S	200607211	VO	07/27/06	07/28/06
05 DP 9S	200607212	VO	07/27/06	07/28/06
05 DP 10S	200607213	VO	07/27/06	07/28/06
MS S	200607214	VO	07/27/06	07/28/06
MSD S	200607215	VO	07/27/06	07/28/06
05 DP 1A	200607216	VO	07/27/06	07/28/06
05 DP 3A	200607217	VO	07/27/06	07/28/06
05 DP 7A	200607218	VO	07/27/06	07/28/06
05 DP 9A	200607219	VO	07/27/06	07/28/06
05 DP 10A	200607220	VO	07/27/06	07/28/06
MS A	200607221	VO	07/27/06	07/28/06
MSD A	200607222	VO	07/27/06	07/28/06
TRIPBLANK	200607223	VO	07/27/06	07/28/06
FIELDBLANK	200607224	VO	07/27/06	07/28/06

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
		Printed Name JCelogan	Printed Name Gary Fish	
		Signature	Signature	Analysis
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	

FORM: 291COC

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Accredited Analytical Resources, LLC

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Analytical Resources Location: Carteret, NJ

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 2931 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Recei
05 DP 1S	200607209	PAH	07/27/06	07/28/0
05 DP 3S	200607210	PAH	07/27/06	07/28/0
05 DP 7S	200607211	PAH	07/27/06	07/28/0
05 DP 9S	200607212	PAH	07/27/06	07/28/0
05 DP 10S	200607213	PAH	07/27/06	07/28/0
MS S	200607214	PAH	07/27/06	07/28/0
MSD S	200607215	PAH	07/27/06	07/28/0
05 DP 1A	200607216	PAH	07/27/06	07/28/0
05 DP 3A	200607217	PAH	07/27/06	07/28/0
05 DP 7A	200607218	PAH	07/27/06	07/28/0
05 DP 9A	200607219	PAH	07/27/06	07/28/0
05 DP 10A	200607220	PAH	07/27/06	07/28/0
MS A	200607221	PAH	07/27/06	07/28/0
MSD A	200607222	PAH	07/27/06	07/28/0
FIELDBLANK	200607224	PAH	07/27/06	07/28/0

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF
8/1/06	600	Printed Name Joe Logan Signature Joe Logan	Printed Name E. Simko Signature E. Simko	Extraction 72.16-24 (bq - Depleted)
		Printed Name Signature	Printed Name Signature	Extract Storage
		Printed Name E. Simko Signature E. Simko	Printed Name J Munoz Signature	Analysis
8/2/06	600	Printed Name Signature	Printed Name E. Simko Signature E. Simko	Extraction (7209-15)
8/2/06	600	Printed Name E. Simko Signature E. Simko	Printed Name J Logan Signature	Cold Storage
		Printed Name Signature	Printed Name Signature	Extract Storage
		Printed Name E. Simko Signature E. Simko	Printed Name J Munoz Signature	Analysis

FORM: 291COC

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Accredited Analytical Resources, LLC

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Analytical Resources Location: Carteret, NJ

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 2931 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
05 DP 1S	200607209	SOLIDS %	07/27/06	07/28/06
05 DP 3S	200607210	SOLIDS %	07/27/06	07/28/06
05 DP 7S	200607211	SOLIDS %	07/27/06	07/28/06
05 DP 9S	200607212	SOLIDS %	07/27/06	07/28/06
05 DP 10S	200607213	SOLIDS %	07/27/06	07/28/06
MS S	200607214	SOLIDS %	07/27/06	07/28/06
MSD S	200607215	SOLIDS %	07/27/06	07/28/06

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
7/31/06		Printed Name Joe Logan	Printed Name Cyndi Dahl	Analysis
		Signature Joe Logan	Signature C Dahl	
7/31/06		Printed Name Cyndi Dahl	Printed Name Joe Logan	Cold Storage
		Signature C Dahl	Signature Joe Logan	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	

FORM: 291COC

Qualifiers
(Organics)

The EPA-defined qualifiers to be used in the organic analysis are as follows:

U - Indicates compound was analyzed for but not detected.

J - Indicates an estimated value. The flag is used under the following circumstances: 1) when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, 2) when the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the CRQL but greater than zero, 3) when the retention time data indicate the presence of a compound that meets the pesticide/aroclor identification criteria and the result is less than the CRQL but greater than zero.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.

P - This flag is used for a pesticide/aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with a "P".

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis. If one or more compounds have a response greater than full scale, except as noted in QA/QC requirements, the sample or extract must be diluted and re-analyzed according to the specifications in QA/QC requirements. All such compounds with a response greater than full scale should have the concentration flagged with an "E" on the Form I for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration range in the second analysis, then the results of both analyses shall be reported on separate copies of Form I. The Form I for the diluted sample shall have the "DL" suffix appended to the sample number.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and all concentration values reported on that Form I are flagged with the "D" flag.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

2B

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1 (DCE- #	SMC2 (TOL- #	SMC3 (BFB) #	TOT OUT
01	VBLKD57	98	97	94	0
02	MS S	92	97	91	0
03	MSD S	95	96	88	0
04	05 DP 1S	100	96	90	0
05	05 DP 3S	101	96	104	0
06	05 DP 7S	102	97	88	0
07	05 DP 9S	100	96	89	0
08	VBLKD57MS	97	98	93	0
09	VBLKD58	104	99	92	0
10	05 DP 10S	101	99	91	0

QC LIMITS

SMC1	(DCE-	=	1,2-Dichloroethane-d4	(70-121)
SMC2	(TOL-	=	Toluene-d8	(81-117)
SMC3	(BFB)	=	Bromofluorobenzene	(74-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM II VOA-2

3/90

V-1

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

	EPA SAMPLE NO.	SMC1 (DCE- #	SMC2 (TOL- #	SMC3 (BFB) #	TOT OUT
01	VBLKM71	97	97	91	0
02	FIELDBLANK	99	99	87	0
03	VBLKM71MS	99	99	89	0
04	05 DP 1A	85	94	91	0
05	05 DP 7A	99	97	92	0
06	05 DP 9A	101	98	93	0
07	05 DP 10A	99	98	95	0
08	MS A	100	99	95	0
09	MSD A	106	98	89	0
10	TRIPBLANK	100	98	92	0
11	VBLKM74	92	97	93	0
12	05 DP 3A	97	104	114	0

QC LIMITS

SMC1	(DCE-	=	1,2-Dichloroethane-d4	(76-114)
SMC2	(TOL-	=	Toluene-d8	(88-110)
SMC3	(BFB)	=	Bromofluorobenzene	(86-115)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix Spike - EPA Sample No. VBLKD57 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	59	118	59 - 172
Benzene	50	0.0	51	102	66 - 142
Trichloroethene	50	0.0	46	92	62 - 137
Toluene	50	0.0	47	94	59 - 139
Chlorobenzene	50	0.0	45	90	60 - 133

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - EPA Sample No VBLKM71

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	47	94	61 - 145
Benzene	50	0.0	44	88	76 - 127
Trichloroethene	50	0.0	40	80	71 - 120
Toluene	50	0.0	41	82	76 - 125
Chlorobenzene	50	0.0	40	80	75 - 130

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix Spike - EPA Sample No. MS S Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	53	106	59 - 172
Benzene	50	0.0	48	96	66 - 142
Trichloroethene	50	0.0	45	90	62 - 137
Toluene	50	0.0	46	92	59 - 139
Chlorobenzene	50	0.0	45	90	60 - 133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50	58	116	9	22	59 - 172
Benzene	50	49	98	2	21	66 - 142
Trichloroethene	50	45	90	0	22	62 - 137
Toluene	50	47	94	2	21	59 - 139
Chlorobenzene	50	46	92	2	21	60 - 133

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

V-5

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - EPA Sample No MS A

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	49	98	61 - 145
Benzene	50	0.0	45	90	76 - 127
Trichloroethene	50	0.0	44	88	71 - 120
Toluene	50	1.4	44	86	76 - 125
Chlorobenzene	50	0.0	42	84	75 - 130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50	48	96	2	14	61 - 145
Benzene	50	44	88	2	11	76 - 127
Trichloroethene	50	43	86	2	14	71 - 120
Toluene	50	45	88	2	13	76 - 125
Chlorobenzene	50	41	82	2	13	75 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

_____

Y-G

4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLKD57

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID: D4335.D Lab Sample ID: VBLKD57

Date Analyzed: 7/31/06 Time Analyzed: 10:52

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5971

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MS S	0607214	D4339.D	13:06
02	MSD S	0607215	D4340.D	13:41
03	05 DP 1S	0607209	D4347.D	17:38
04	05 DP 3S	0607210	D4348.D	18:12
05	05 DP 7S	0607211	D4349.D	18:47
06	05 DP 9S	0607212	D4350.D	19:21
07	VBLKD57MS	VBLKD57MS	D4352.D	20:30

COMMENTS

V-57

4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLKM71

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID: M7195.D Lab Sample ID: VBLKM71

Date Analyzed: 7/31/06 Time Analyzed: 14:07

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5971M

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FIELDBLANK	0607224	M7197.D	15:15
02	VBLKM71MS	VBLKM71MS	M7199.D	16:20
03	05 DP 1A	0607216	M7200.D	16:53
04	05 DP 7A	0607218	M7202.D	18:00
05	05 DP 9A	0607219	M7203.D	18:33
06	05 DP 10A	0607220	M7204.D	19:06
07	MS A	0607221	M7205.D	19:39
08	MSD A	0607222	M7206.D	20:12
09	TRIPBLANK	0607223	M7208.D	21:19

COMMENTS

V.8

4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLKD58

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID: D4360.D Lab Sample ID: VBLKD58

Date Analyzed: 8/1/06 Time Analyzed: 11:04

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5971

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	05 DP 10S	0607213	D4361.D	11:44

COMMENTS

V-9

4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLKM74

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID: M7285.D Lab Sample ID: VBLKM74

Date Analyzed: 8/3/06 Time Analyzed: 11:06

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5971M

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	05 DP 3A	0607217	M7286.D	11:46

COMMENTS

_____

_____

Y-10

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: M6700.D BFB Injection Date: 7/3/06

Instrument ID: HP5971M BFB Injection Time: 9:47

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	16.6
75	30.0 - 66.0% of mass 95	41.7
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	68.7
175	4.0 - 9.0% of mass 174	5.0 (7.2)1
176	93.0 - 101.0% of mass 174	66.5 (96.8)1
177	5.0 - 9.0% of mass 176	4.4 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	VSTD050	M6701.D	7/3/06	10:02
02	VSTD020	VSTD020	M6702.D	7/3/06	10:37
03	VSTD010	VSTD010	M6703.D	7/3/06	11:11
04	VSTD100	VSTD100	M6704.D	7/3/06	11:54
05	VSTD200	VSTD200	M6705.D	7/3/06	12:28

V-11

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: D4104.D BFB Injection Date: 7/18/06

Instrument ID: HP5971D BFB Injection Time: 9:36

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	22.3
75	30.0 - 66.0% of mass 95	47.4
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	61.6
175	4.0 - 9.0% of mass 174	4.1 (6.6)1
176	93.0 - 101.0% of mass 174	59.1 (95.9)1
177	5.0 - 9.0% of mass 176	3.9 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	VSTD010	D4105.D	7/18/06	9:51
02	VSTD020	VSTD020	D4106.D	7/18/06	10:31
03	VSTD050	VSTD050	D4107.D	7/18/06	11:04
04	VSTD100	VSTD100	D4108.D	7/18/06	11:42
05	VSTD200	VSTD200	D4110.D	7/18/06	12:58

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID: D4332.D BFB Injection Date: 7/31/06

Instrument ID: HP5971 BFB Injection Time: 9:12

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	23.5
75	30.0 - 66.0% of mass 95	47.8
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.4 (0.7)1
174	50.0 - 120.0% of mass 95	59.3
175	4.0 - 9.0% of mass 174	4.3 (7.2)1
176	93.0 - 101.0% of mass 174	58.1 (98.1)1
177	5.0 - 9.0% of mass 176	3.9 (6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	VSTD050	D4333.D	7/31/06	9:26
02	VBLKD57	VBLKD57	D4335.D	7/31/06	10:52
03	MS S	0607214	D4339.D	7/31/06	13:06
04	MSD S	0607215	D4340.D	7/31/06	13:41
05	05 DP 1S	0607209	D4347.D	7/31/06	17:38
06	05 DP 3S	0607210	D4348.D	7/31/06	18:12
07	05 DP 7S	0607211	D4349.D	7/31/06	18:47
08	05 DP 9S	0607212	D4350.D	7/31/06	19:21
09	VBLKD57MS	VBLKD57MS	D4352.D	7/31/06	20:30

V-13

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID: M7192.D BFB Injection Date: 7/31/06

Instrument ID: HP5971M BFB Injection Time: 12:47

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	16.4
75	30.0 - 66.0% of mass 95	39.3
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	70.3
175	4.0 - 9.0% of mass 174	5.1 (7.3)1
176	93.0 - 101.0% of mass 174	69.1 (98.3)1
177	5.0 - 9.0% of mass 176	4.3 (6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	VSTD050	M7193.D	7/31/06	13:01
02	VBLKM71	VBLKM71	M7195.D	7/31/06	14:07
03	FIELDBLANK	0607224	M7197.D	7/31/06	15:15
04	VBLKM71MS	VBLKM71MS	M7199.D	7/31/06	16:20
05	05 DP 1A	0607216	M7200.D	7/31/06	16:53
06	05 DP 7A	0607218	M7202.D	7/31/06	18:00
07	05 DP 9A	0607219	M7203.D	7/31/06	18:33
08	05 DP 10A	0607220	M7204.D	7/31/06	19:06
09	MS A	0607221	M7205.D	7/31/06	19:39
10	MSD A	0607222	M7206.D	7/31/06	20:12
11	TRIPBLANK	0607223	M7208.D	7/31/06	21:19

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID: D4357.D BFB Injection Date: 8/1/06

Instrument ID: HP5971 BFB Injection Time: 9:44

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	24.5
75	30.0 - 66.0% of mass 95	49.7
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	55.1
175	4.0 - 9.0% of mass 174	4.0 (7.2)1
176	93.0 - 101.0% of mass 174	52.9 (96.0)1
177	5.0 - 9.0% of mass 176	3.7 (7.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	VSTD050	D4358.D	8/1/06	9:59
02	VBLKD58	VBLKD58	D4360.D	8/1/06	11:04
03	05 DP 10S	0607213	D4361.D	8/1/06	11:44

V-15

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID: M7282.D BFB Injection Date: 8/3/06

Instrument ID: HP5971M BFB Injection Time: 9:29

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	16.7
75	30.0 - 66.0% of mass 95	41.4
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	63.2
175	4.0 - 9.0% of mass 174	4.9 (7.7)1
176	93.0 - 101.0% of mass 174	61.3 (97.0)1
177	5.0 - 9.0% of mass 176	3.8 (6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	VSTD050	M7283.D	8/3/06	9:48
02	VBLKM74	VBLKM74	M7285.D	8/3/06	11:06
03	05 DP 3A	0607217	M7286.D	8/3/06	11:46

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID (Standard): D4333.D Date Analyzed: 7/31/06

Instrument ID: HP5971 Time Analyzed: 9:26

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): Y

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	360392	6.43	768679	7.54	651545	11.76
	UPPER LIMIT	720784	6.93	1537358	8.04	1303090	12.26
	LOWER LIMIT	180196	5.93	384340	7.04	325773	11.26
	EPA SAMPLE NO.						
01	VBLKD57	444535	6.46	921682	7.53	761942	11.76
02	MS S	279620	6.42	561868	7.48	455855	11.76
03	MSD S	293258	6.43	593776	7.50	477772	11.76
04	05 DP 1S	295449	6.46	626667	7.52	512856	11.76
05	05 DP 3S	293610	6.45	643788	7.52	515544	11.76
06	05 DP 7S	296014	6.44	612108	7.51	499620	11.76
07	05 DP 9S	241526	6.43	519491	7.50	421191	11.76
08	VBLKD57MS	358799	6.41	758210	7.47	634964	11.76

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

V-17

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID (Standard): D4333.D Date Analyzed: 07/31/06

Instrument ID: HP5971 Time Analyzed: 09:26

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): N Y

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	289426	14.76				
	UPPER LIMIT	578852	14.26				
	LOWER LIMIT	144713	15.26				
	EPA SAMPLE NO.						
01	VBLKD57	339459	14.77				
02	MS S	193592	14.77				
03	MSD S	193908	14.77				
04	05 DP 1S	217254	14.77				
05	05 DP 3S	214657	14.77				
06	05 DP 7S	198673	14.77				
07	05 DP 9S	172229	14.77				
08	VBLKD57MS	272191	14.76				

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

V-18

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID (Standard): M7193.D Date Analyzed: 7/31/06

Instrument ID: HP5971M Time Analyzed: 13:01

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): N

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	182463	7.47	393501	8.61	339086	13.80
	UPPER LIMIT	364926	7.97	787002	9.11	678172	14.30
	LOWER LIMIT	91232	6.97	196751	8.11	169543	13.30
	EPA SAMPLE NO.						
01	VBLKM71	228687	7.48	508335	8.62	426923	13.82
02	FIELDBLANK	230903	7.49	514845	8.63	435359	13.83
03	VBLKM71MS	207566	7.49	461881	8.62	393950	13.82
04	05 DP 1A	189847	7.49	456660	8.63	376615	13.83
05	05 DP 7A	209735	7.48	472074	8.62	401191	13.81
06	05 DP 9A	203530	7.48	462187	8.61	400653	13.81
07	05 DP 10A	201318	7.48	469420	8.61	401137	13.81
08	MS A	199974	7.48	444574	8.61	387401	13.81
09	MSD A	146997	7.48	336436	8.61	293332	13.80
10	TRIPBLANK	216385	7.47	496120	8.61	424925	13.80

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

V-19

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID (Standard): M7193.D Date Analyzed: 07/31/06

Instrument ID: HP5971M Time Analyzed: 13:01

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): Y N (N/A)

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	127067	19.99				
	UPPER LIMIT	254134	19.49				
	LOWER LIMIT	63534	20.49				
	EPA SAMPLE NO.						
01	VBLKM71	159609	20.00				
02	FIELDBLANK	152371	20.00				
03	VBLKM71MS	138575	20.01				
04	05 DP 1A	143783	20.01				
05	05 DP 7A	149209	20.00				
06	05 DP 9A	144793	19.99				
07	05 DP 10A	149916	19.99				
08	MS A	146301	19.99				
09	MSD A	104755	19.99				
10	TRIPBLANK	156798	19.99				

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID (Standard): D4358.D Date Analyzed: 8/1/06

Instrument ID: HP5971 Time Analyzed: 9:59

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): Y

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	382574	6.42	829961	7.47	670173	11.76
	UPPER LIMIT	765148	6.92	1659922	7.97	1340346	12.26
	LOWER LIMIT	191287	5.92	414981	6.97	335087	11.26
	EPA SAMPLE NO.						
01	VBLKD58	385482	6.46	819052	7.50	667959	11.75
02	05 DP 10S	282836	6.43	615110	7.50	499164	11.76

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

Y-21

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID (Standard): D4358.D Date Analyzed: 08/01/06

Instrument ID: HP5971 Time Analyzed: 09:59

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): Y

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	279020	14.77				
	UPPER LIMIT	558040	14.27				
	LOWER LIMIT	139510	15.27				
	EPA SAMPLE NO.						
01	VBLKD58	284098	14.76				
02	05 DP 10S	205011	14.77				

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

Y-02

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID (Standard): M7283.D Date Analyzed: 8/3/06

Instrument ID: HP5971M Time Analyzed: 9:48

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): N

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	220839	7.48	472799	8.61	402060	13.82
	UPPER LIMIT	441678	7.98	945598	9.11	804120	14.32
	LOWER LIMIT	110420	6.98	236400	8.11	201030	13.32
	EPA SAMPLE NO.						
01	VBLKM74	200241	7.48	442701	8.61	385925	13.82
02	05 DP 3A	185423	7.48	425080	8.62	353147	13.83

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

V-83

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID (Standard): M7283.D Date Analyzed: 08/03/06

Instrument ID: HP5971M Time Analyzed: 09:48

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): Y N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	146480	20.00				
	UPPER LIMIT	292960	19.50				
	LOWER LIMIT	73240	20.50				
	EPA SAMPLE NO.						
01	VBLKM74	144660	20.00				
02	05 DP 3A	132180	20.00				

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

V-24

Accredited Analtyical Resources
GC/MS-Volatiles INSTRUMENT DETECTION LIMITS (IDL)

Instrument ID: HP5971D
Date Analyzed: 6/22/2006
Analyst: Gary

	REP1	REP2	REP3	AVERAGE	STD DEV	IDL
Acrolein	26.24	25.17	25.88	25.76	0.54	**3.79**
Acrylonitrile	24.68	28.9	26.8	26.79	2.11	**14.70**
Acetone	8.66	7.1	7.39	7.72	0.83	**5.78**
Dichlorodifluoromethane	4.7	4.45	4	4.38	0.35	**2.47**
Chloromethane	7.81	7.19	7.07	7.36	0.40	**2.77**
Vinyl Chloride	7.85	8	7.68	7.84	0.16	**1.12**
Bromomethane	7.79	6.6	5.92	6.77	0.95	**6.59**
Chloroethane	8.64	8.66	8.92	8.74	0.16	**1.09**
Trichlorofluoromethane	8.04	8.23	7.95	8.07	0.14	**1.00**
1,1-Dichloroethene	4.54	4.99	4.9	4.81	0.24	**1.66**
Carbon disulfide	4.04	4.31	3.97	4.11	0.18	**1.25**
Methylene Chloride	8.9	10.7	9.61	9.74	0.91	**6.31**
trans-1,2-Dichloroethene	4.44	4.95	4.67	4.69	0.26	**1.78**
1,1-Dichloroethane	4.3	5	4.57	4.62	0.35	**2.46**
Vinyl acetate	4.34	5.19	4.55	4.69	0.44	**3.08**
2,2-Dichloropropane	4.77	4.93	4.77	4.82	0.09	**0.64**
2-Butanone	5.28	6	5.2	5.49	0.44	**3.07**
cis-1,2-Dichloroethene	5.15	5.56	5.56	5.42	0.24	**1.65**
Chloroform	4.65	4.98	4.79	4.81	0.17	**1.15**
Bromochloromethane	4.74	4.91	4.85	4.83	0.09	**0.60**
1,1,1-Trichloroethane	4.57	4.65	4.44	4.55	0.11	**0.74**
T-butyl alcohol	51.08	52.53	46.91	50.17	2.92	**20.32**
1,1-Dichloropropene	5.12	5.19	5.31	5.21	0.10	**0.67**
Carbon Tetrachloride	5.43	4.7	4.73	4.95	0.41	**2.88**
1,2-Dichloroethane	4.75	4.91	4.79	4.82	0.08	**0.58**
Benzene	5.26	5.24	5.28	5.26	0.02	**0.14**
Trichloroethene	4.75	4.89	4.95	4.86	0.10	**0.71**
1,2-Dichloropropane	4.9	4.95	4.98	4.94	0.04	**0.28**
Bromodichloromethane	4.4	4.3	4.31	4.34	0.06	**0.38**
Dibromomethane	4.5	4.65	4.23	4.46	0.21	**1.48**
2-Chloroethylvinylether	4.45	4.58	4.7	4.58	0.13	**0.87**
cis-1,3-Dichloropropene	4.54	4.73	4.76	4.68	0.12	**0.83**
Toluene	5.29	5.23	5.32	5.28	0.05	**0.32**
trans-1,3-dichloropropene	4.37	4.41	4.3	4.36	0.06	**0.39**
1,1,2-Trichloroethane	4.85	4.63	4.86	4.78	0.13	**0.91**
4-methyl-2-pentanone	5.05	4.95	5.13	5.04	0.09	**0.63**
1,2-Dibromoethane	4.46	4.64	4.47	4.52	0.10	**0.70**
2-Hexanone	4.13	4.67	4.5	4.43	0.28	**1.92**
1,3-dichloropropane	5.02	5.04	4.88	4.98	0.09	**0.61**
Tetrachloroethene	4.78	4.93	4.95	4.89	0.09	**0.65**
Dibromochloromethane	4.07	4.19	3.96	4.07	0.12	**0.80**
Ethylbenzene	5.24	5.28	5.4	5.31	0.08	**0.58**
Chlorobenzene	4.9	5.08	5.02	5.00	0.09	**0.64**
1,1,1,2-Tetrachloroethane	4.64	4.63	4.59	4.62	0.03	**0.18**
m,p-Xylene	11.13	11.15	11.26	11.18	0.07	**0.49**
o-Xylene	11.02	11.01	11.3	11.11	0.16	**1.15**
Styrene	10.92	11	10.99	10.97	0.04	**0.30**
Bromoform	4.02	3.37	3.57	3.65	0.33	**2.32**
Isopropylbenzene	4.74	5.03	5.04	4.94	0.17	**1.19**
1,1,2,2-Tetrachloroethane	4.62	5	4.84	4.82	0.19	**1.33**
1,2,3-Trichloropropane	5.07	5.07	4.95	5.03	0.07	**0.48**
n-Propyl benzene	4.99	5.32	5.39	5.23	0.21	**1.49**
Bromobenzene	4.55	4.96	4.76	4.76	0.21	**1.43**
1,3,5-Trimethylbenzene	4.83	4.99	5.05	4.96	0.11	**0.79**
2-Chlorotoluene	5.4	5.57	5.7	5.56	0.15	**1.05**
4-Chlorotoluene	4.98	5.14	5.25	5.12	0.14	**0.95**
tert-Butylbenzene	4.64	5.12	4.91	4.89	0.24	**1.68**
1,2,4-Trimethylbenzene	4.73	5.03	5.14	4.97	0.21	**1.48**
sec-Butylbenzene	4.84	5.24	5.29	5.12	0.25	**1.72**
p-Isopropyltoluene	4.86	5.19	5.1	5.05	0.17	**1.19**
1,3-Dichlorobenzene	4.7	4.87	4.95	4.84	0.13	**0.89**
1,4-Dichlorobenzene	4.7	4.87	4.95	4.84	0.13	**0.89**
n-Butylbenzene	4.7	5.03	5.11	4.95	0.22	**1.51**
1,2-Dichlorobenzene	4.64	4.98	4.79	4.80	0.17	**1.19**
1,2-Dibromo-3-Chloropropane	3.67	4.14	3.99	3.93	0.24	**1.67**
1,2,4-Trichlorobenzene	4.43	4.69	4.57	4.56	0.13	**0.91**
Hexachlorobutadiene	4.06	4.76	4.75	4.52	0.40	**2.79**
Naphthalene	4.67	4.73	4.83	4.74	0.08	**0.56**
1,2,3-Trichlorobenzene	4.4	4.47	4.4	4.43	0.04	**0.25**
Methyl-t-butyl ether	9.29	10.44	9.75	9.83	0.58	**4.03**

V-25

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 1S

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0607209

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D4347.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 13.4 Date Analyzed: 7/31/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
71432	Benzene	2	U
108883	Toluene	2	U
100414	Ethylbenzene	2	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	1	U

V-26

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 3S

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0607210

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D4348.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 25 Date Analyzed: 7/31/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
71432	Benzene	3	U
108883	Toluene	3	U
100414	Ethylbenzene	3	U
1330207	m,p-Xylene	2	J
95476	o-Xylene	3	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	3	
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	8	
1634044	Methyl t-butyl ether	1	U

V-87

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 7S

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0607211

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D4349.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 11.2 Date Analyzed: 7/31/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
71432	Benzene	2	U
108883	Toluene	2	U
100414	Ethylbenzene	2	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	1	U

V-88

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 9S

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0607212

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D4350.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 9.6 Date Analyzed: 7/31/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
71432	Benzene	2	U
108883	Toluene	2	U
100414	Ethylbenzene	2	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	1	U

V-89

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 10S

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0607213

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D4361.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 6.3 Date Analyzed: 8/1/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
71432	Benzene	2	U
108883	Toluene	2	U
100414	Ethylbenzene	2	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	1	U

V-30

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

MS S

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0607214

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D4339.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 7/31/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
71432	Benzene	48	
108883	Toluene	46	
100414	Ethylbenzene	2	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	1	U

Y-31

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

MSD S

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0607215

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D4340.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 7/31/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
71432	Benzene	49	
108883	Toluene	47	
100414	Ethylbenzene	2	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	1	U

Y-39

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 1A

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0607216

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: M7200.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 7/31/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
71432	Benzene	1	U
108883	Toluene	1	U
100414	Ethylbenzene	1	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	1	U

V-33

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 3A

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0607217

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: M7286.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 8/3/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71432	Benzene	1	U
108883	Toluene	1	U
100414	Ethylbenzene	1	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	15	
99876	p-Isopropyltoluene	5	
104518	n-Butylbenzene	52	
1634044	Methyl t-butyl ether	1	U

Y-34

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 7A

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0607218

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: M7202.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 7/31/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
71432	Benzene	1	U
108883	Toluene	1	U
100414	Ethylbenzene	1	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	1	U

V-35

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 9A

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0607219

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: M7203.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 7/31/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
71432	Benzene	1	U
108883	Toluene	2	
100414	Ethylbenzene	1	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	12	

V-36

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 10A

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0607220

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: M7204.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 7/31/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
71432	Benzene	1	U
108883	Toluene	1	
100414	Ethylbenzene	1	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	1	U

V-37

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

MS A

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0607221

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: M7205.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 7/31/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71432	Benzene	45	
108883	Toluene	44	
100414	Ethylbenzene	1	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	13	

V-38

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

MSD A

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0607222

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: M7206.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 7/31/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
71432	Benzene	44	
108883	Toluene	45	
100414	Ethylbenzene	1	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	14	

V-39

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

TRIPBLANK

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0607223

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: M7208.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 7/31/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
71432	Benzene	1	U
108883	Toluene	1	U
100414	Ethylbenzene	1	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	1	U

Y-40

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELDBLANK

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0607224

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: M7197.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 7/31/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

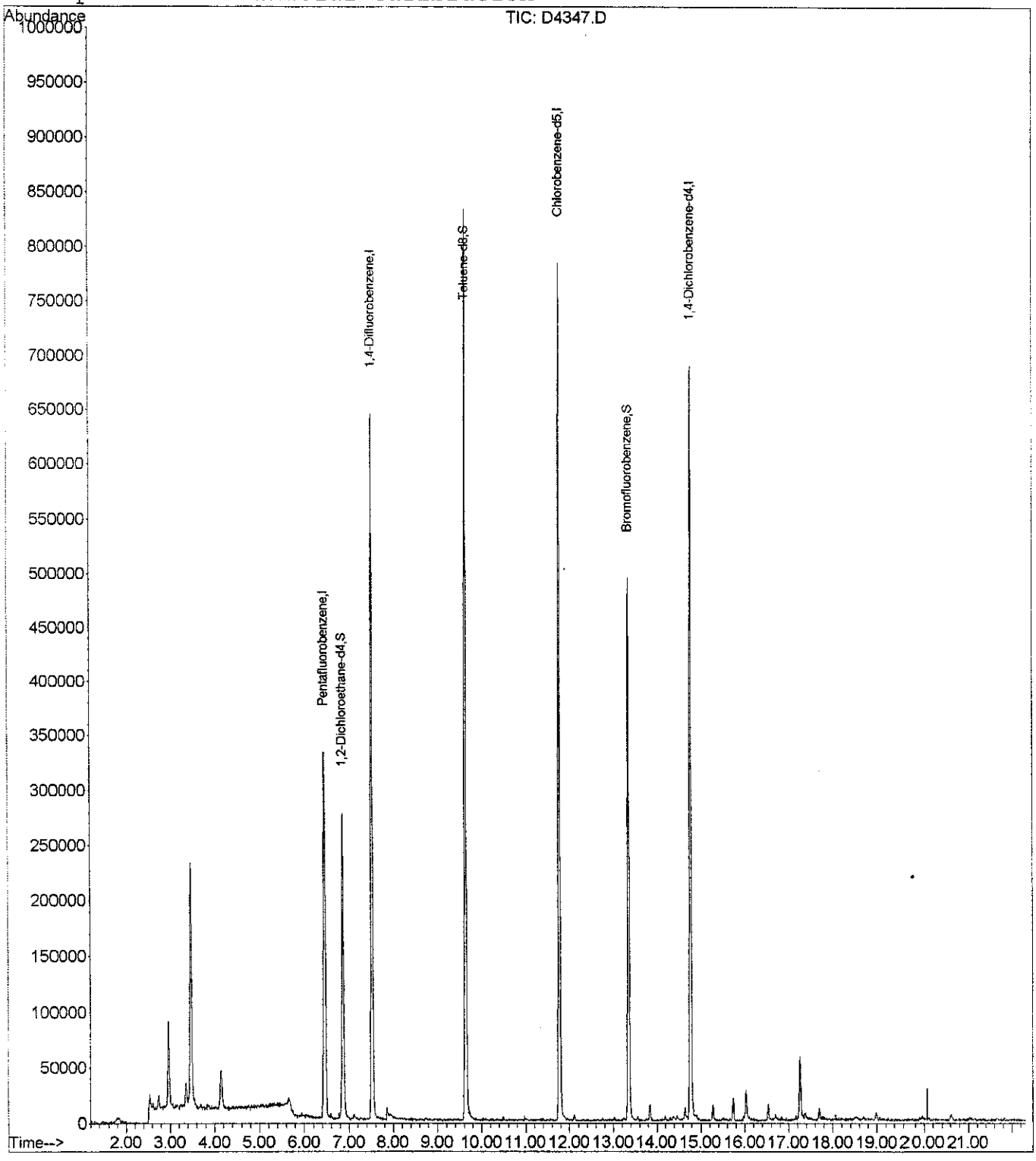
CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
71432	Benzene	1	U
108883	Toluene	1	U
100414	Ethylbenzene	1	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	1	U

V-41

Quantitation Report

Data File : D:\D\DATA\JUL06\D0731\D4347.D Vial: 2
Acq On : 31 Jul 2006 17:38 Operator:
Sample : 0607209 Inst : GC/MS Ins
Misc : SOIL 2931 05 DP 1S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 1 11:11 2006 Quant Results File: VD8S0718.R

Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration



V-42

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0731\D4347.D
Acq On : 31 Jul 2006 17:38
Sample : 0607209
Misc : SOIL 2931 05 DP 1S
MS Integration Params: rteint.p
Quant Time: Aug 1 11:11 2006

Vial: 2
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VD8S0718.RES

Quant Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0718

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.46	168	295449	50.00	ug/l	-0.14
24) 1,4-Difluorobenzene	7.52	114	626667	50.00	ug/l	0.02
43) Chlorobenzene-d5	11.76	117	512856	50.00	ug/l	0.01
55) 1,4-Dichlorobenzene-d4	14.77	152	217254	50.00	ug/l	0.01
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.86	65	235365	50.08	ug/l	0.02
Spiked Amount 50.000	Range 70 - 121		Recovery = 100.16%			
36) Toluene-d8	9.63	98	689243	48.12	ug/l	0.01
Spiked Amount 50.000	Range 81 - 117		Recovery = 96.24%			
42) Bromofluorobenzene	13.35	95	254223	44.80	ug/l	0.01
Spiked Amount 50.000	Range 74 - 121		Recovery = 89.60%			

Target Compounds Qvalue

V-43

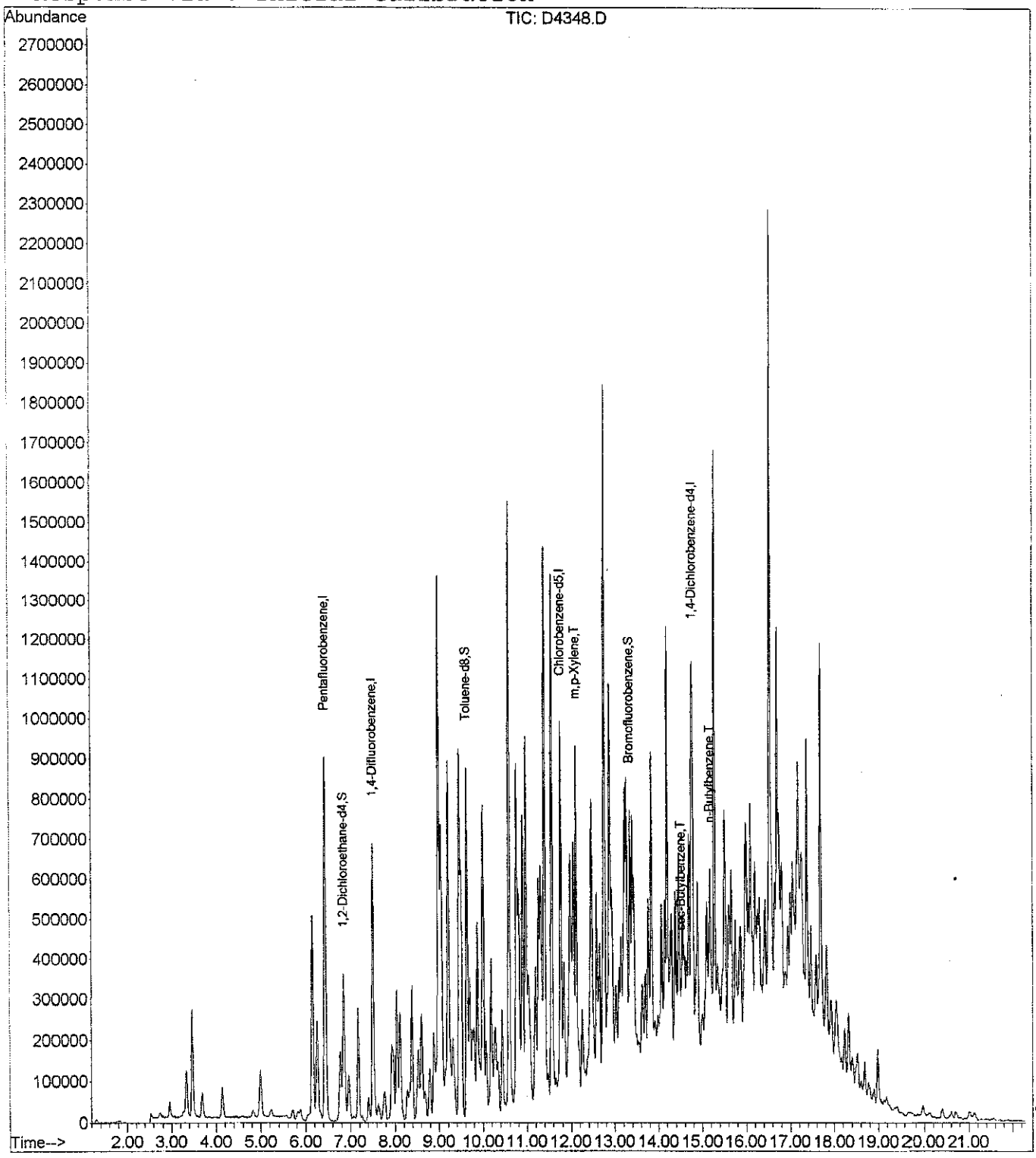
(#) = qualifier out of range (m) = manual integration

Quantitation Report

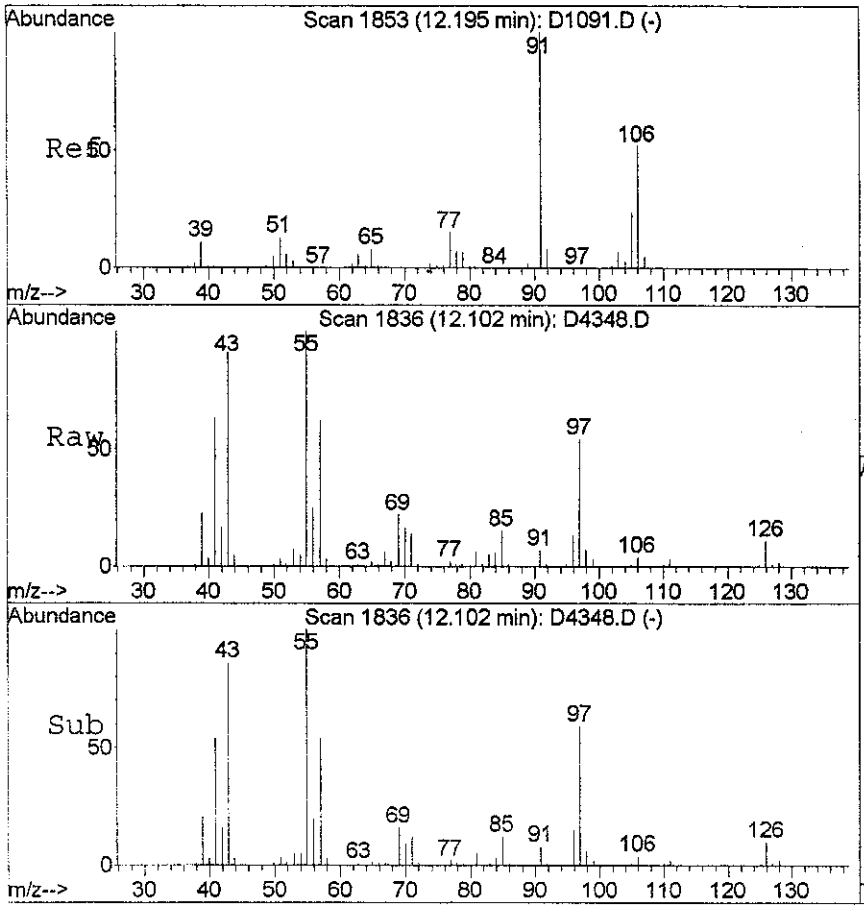
Data File : D:\D\DATA\JUL06\D0731\D4348.D
Acq On : 31 Jul 2006 18:12
Sample : 0607210
Misc : SOIL 2931 05 DP 3S
MS Integration Params: rteint.p
Quant Time: Aug 1 11:12 2006

Vial: 3
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S0718.R

Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration



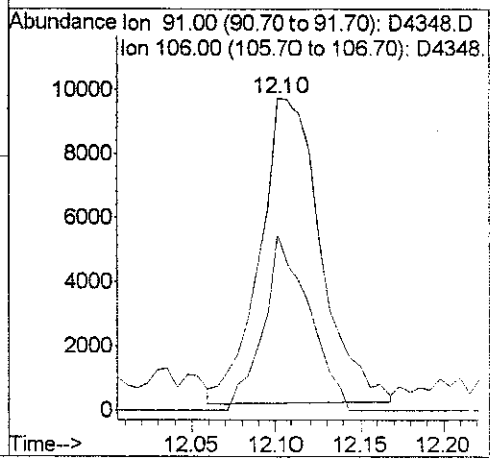
V-44

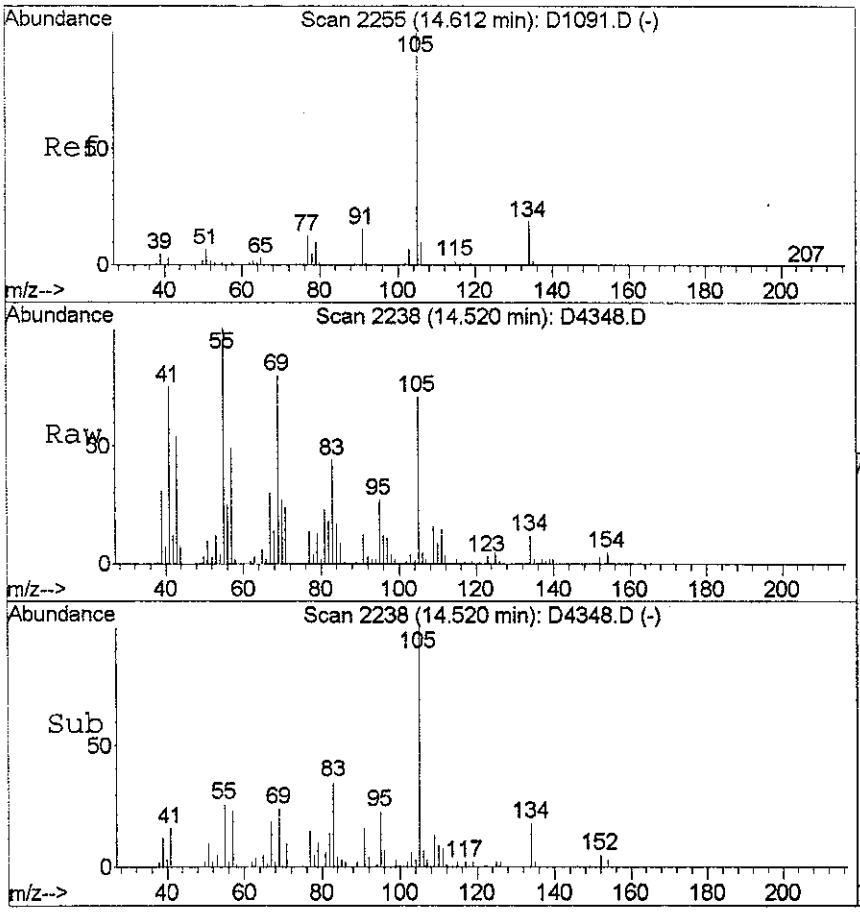


#51
m,p-Xylene
Concen: 1.53 ug/l
RT: 12.10 min Scan# 1836
Delta R.T. -0.00 min
Lab File: D4348.D
Acq: 31 Jul 2006 18:12

Tgt Ion: 91 Resp: 23661

Ion	Ratio	Lower	Upper
91	100		
106	56.0	33.5	73.5

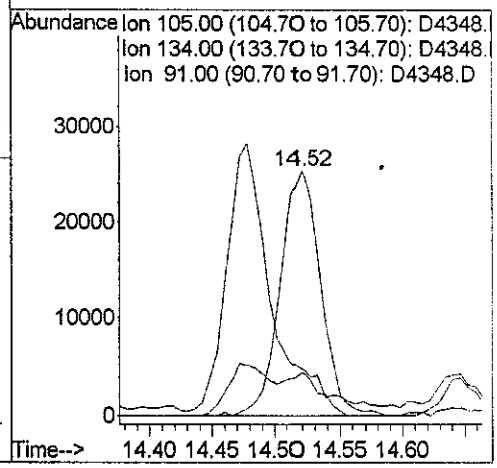




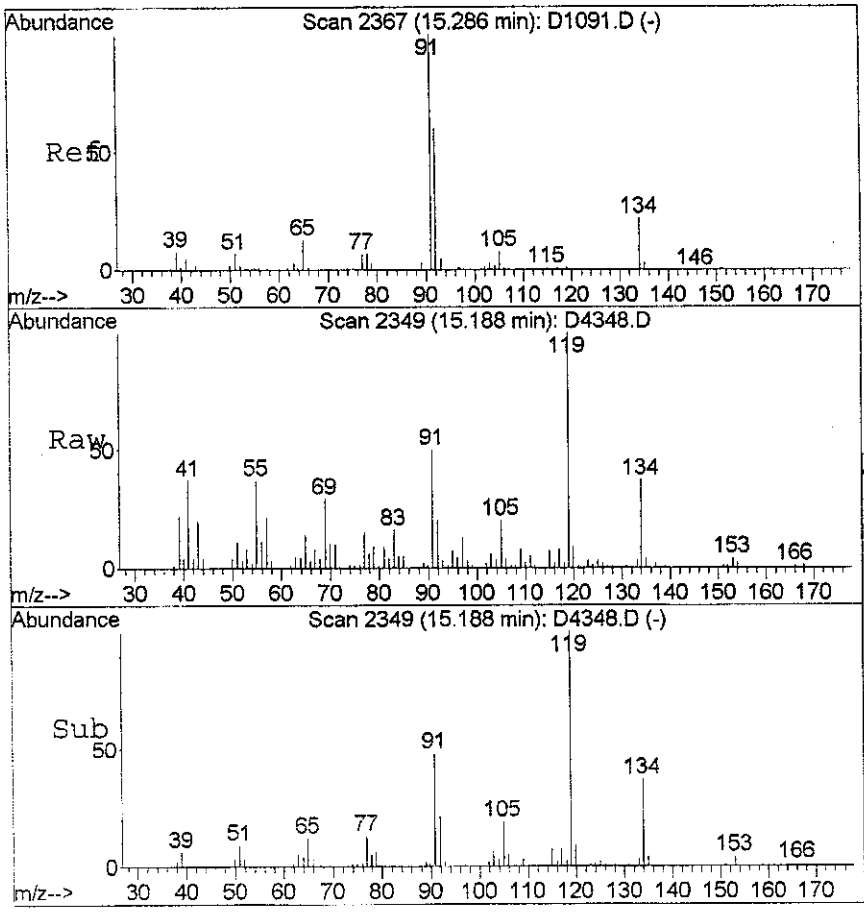
#66
sec-Butylbenzene
Concen: 2.49 ug/l
RT: 14.52 min Scan# 2238
Delta R.T. 0.01 min
Lab File: D4348.D
Acq: 31 Jul 2006 18:12

Tgt Ion:105 Resp: 53254

Ion	Ratio	Lower	Upper
105	100		
134	17.6	0.0	39.0
91	18.8	0.0	34.9



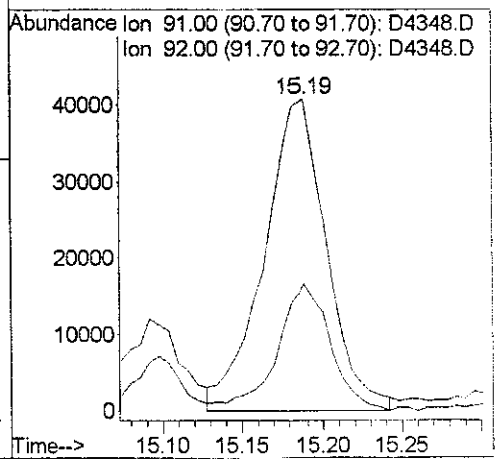
V-45



#70
n-Butylbenzene
Concen: 6.09 ug/l m
RT: 15.19 min Scan# 2349
Delta R.T. 0.01 min
Lab File: D4348.D
Acq: 31 Jul 2006 18:12

Tgt Ion: 91 Resp: 108604

Ion	Ratio	Lower	Upper
91	100		
92	40.7	41.6	81.6#



V-46

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0731\D4348.D Vial: 3
Acq On : 31 Jul 2006 18:12 Operator:
Sample : 0607210 Inst : GC/MS Ins
Misc : SOIL 2931 05 DP 3S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 1 11:12 2006 Quant Results File: VD8S0718.RES

Quant Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0718

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.45	168	293610	50.00	ug/l	-0.16
24) 1,4-Difluorobenzene	7.52	114	643788	50.00	ug/l	0.01
43) Chlorobenzene-d5	11.76	117	515544	50.00	ug/l	0.01
55) 1,4-Dichlorobenzene-d4	14.77	152	214657	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.85	65	243381	50.41	ug/l	0.01
Spiked Amount 50.000	Range 70 - 121		Recovery = 100.82%			
36) Toluene-d8	9.63	98	708401	48.15	ug/l	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 96.30%			
42) Bromofluorobenzene	13.35	95	302406	51.87	ug/l	0.01
Spiked Amount 50.000	Range 74 - 121		Recovery = 103.74%			
Target Compounds						Qvalue
51) m,p-Xylene	12.10	91	23661	1.53	ug/l	97
66) sec-Butylbenzene	14.52	105	53254	2.49	ug/l	94
70) n-Butylbenzene	15.19	91	108604m	6.09	ug/l	

V-49

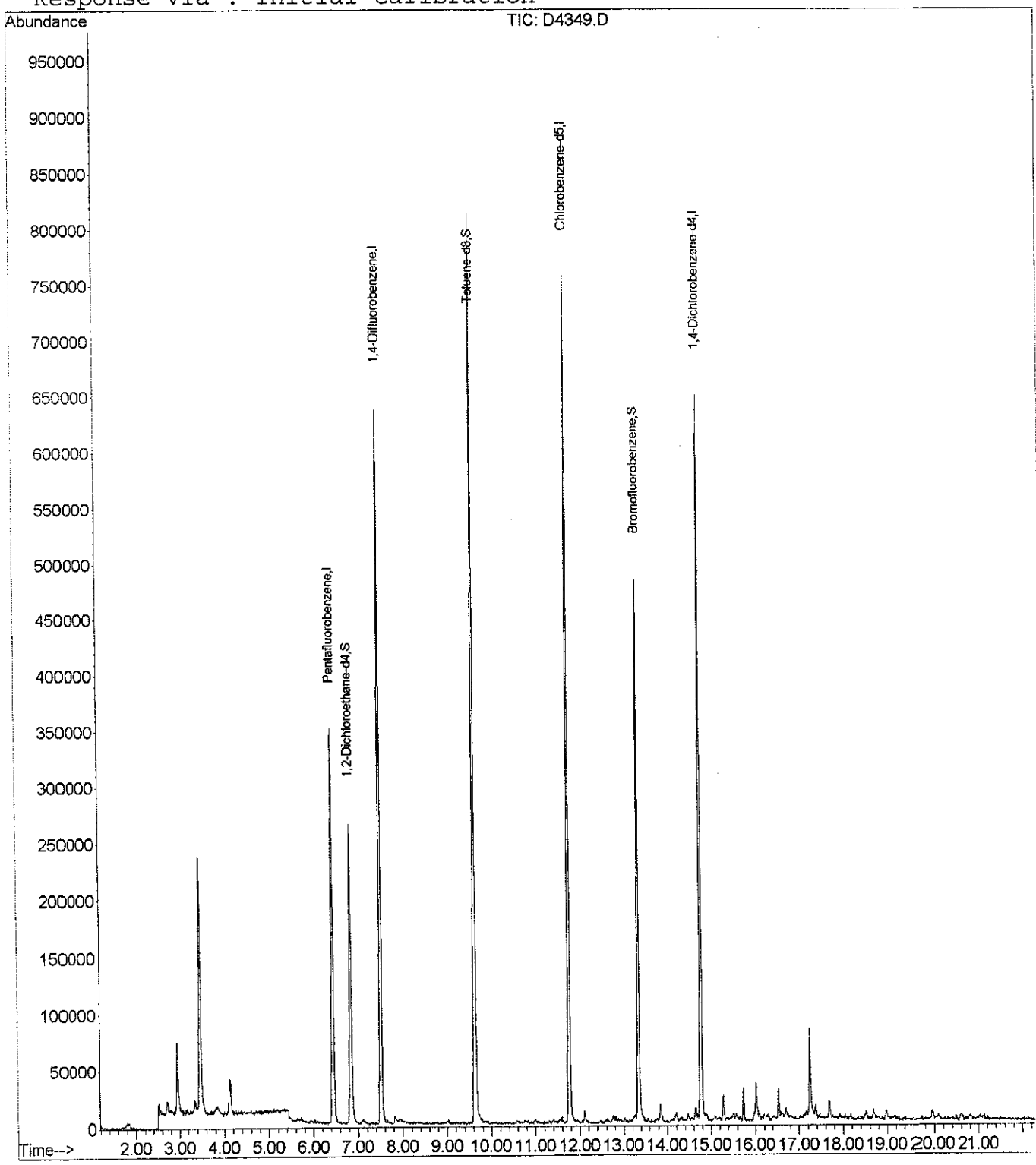
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\D\DATA\JUL06\D0731\D4349.D
Acq On : 31 Jul 2006 18:47
Sample : 0607211
Misc : SOIL 2931 05 DP 7S
MS Integration Params: rteint.p
Quant Time: Aug 1 11:12 2006

Vial: 4
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S0718.R

Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration



V-48

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0731\D4349.D Vial: 4
Acq On : 31 Jul 2006 18:47 Operator:
Sample : 0607211 Inst : GC/MS Ins
Misc : SOIL 2931 05 DP 7S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 1 11:12 2006 Quant Results File: VD8S0718.RES

Quant Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0718

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	296014	50.00	ug/l	-0.16
24) 1,4-Difluorobenzene	7.51	114	612108	50.00	ug/l	0.00
43) Chlorobenzene-d5	11.76	117	499620	50.00	ug/l	0.01
55) 1,4-Dichlorobenzene-d4	14.77	152	198673	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.84	65	233191	50.80	ug/l	0.00
Spiked Amount 50.000	Range 70 - 121		Recovery = 101.60%			
36) Toluene-d8	9.63	98	676806	48.38	ug/l	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 96.76%			
42) Bromofluorobenzene	13.35	95	243515	43.93	ug/l	0.01
Spiked Amount 50.000	Range 74 - 121		Recovery = 87.86%			

Target Compounds Qvalue

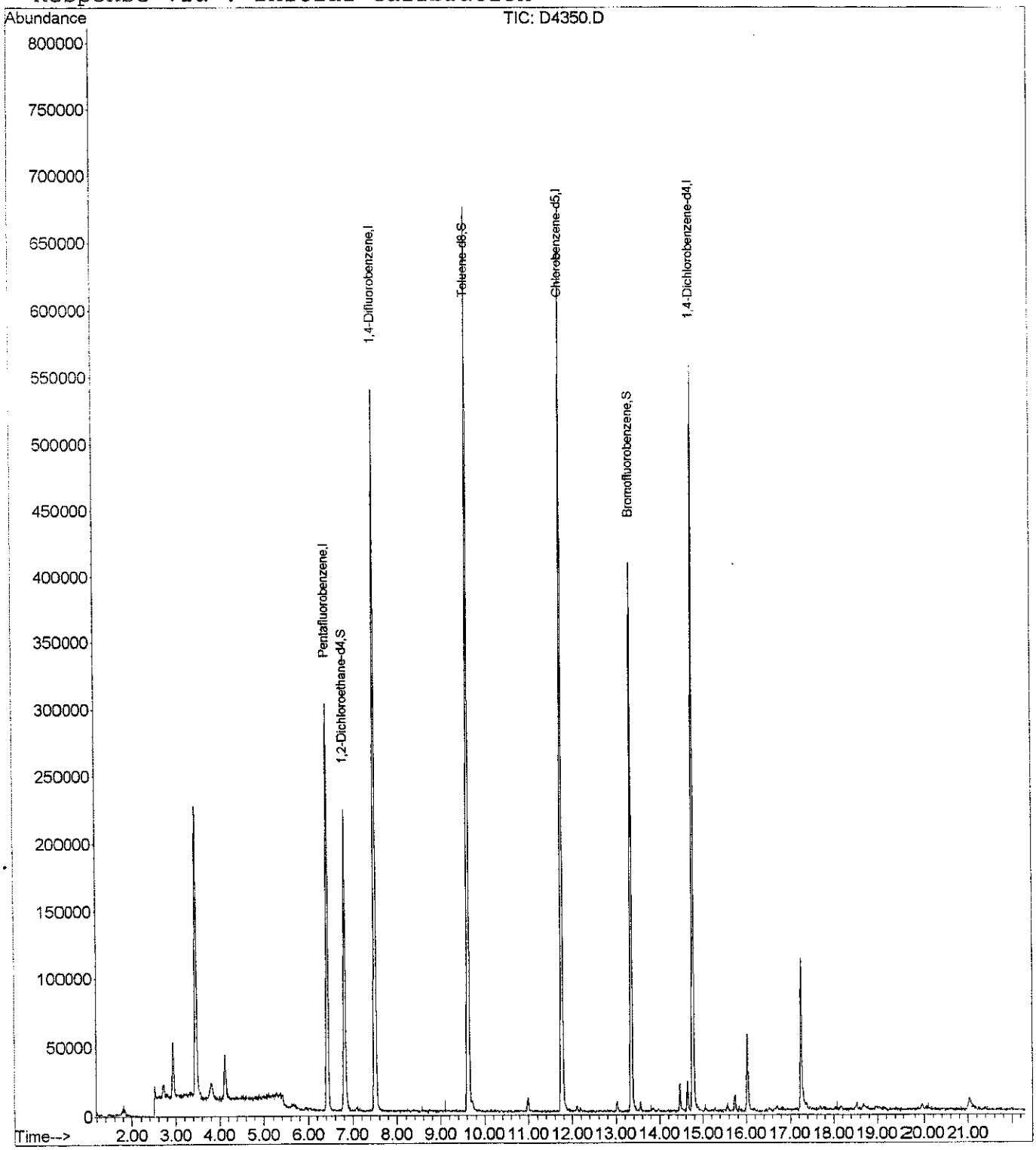
V-49

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

Quantitation Report

Data File : D:\D\DATA\JUL06\D0731\D4350.D Vial: 8
Acq On : 31 Jul 2006 19:21 Operator:
Sample : 0607212 Inst : GC/MS Ins
Misc : SOIL 2931 05 DP 9S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 1 11:13 2006 Quant Results File: VD8S0718.R

Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration



V-50

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0731\D4350.D Vial: 8
Acq On : 31 Jul 2006 19:21 Operator:
Sample : 0607212 Inst : GC/MS Ins
Misc : SOIL 2931 05 DP 9S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 1 11:13 2006 Quant Results File: VD8S0718.RES

Quant Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0718

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	241526	50.00	ug/l	-0.17
24) 1,4-Difluorobenzene	7.50	114	519491	50.00	ug/l	0.00
43) Chlorobenzene-d5	11.76	117	421191	50.00	ug/l	0.00
55) 1,4-Dichlorobenzene-d4	14.77	152	172229	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.82	65	194427	49.90	ug/l	-0.02
Spiked Amount 50.000	Range 70 - 121		Recovery = 99.80%			
36) Toluene-d8	9.62	98	569299	47.95	ug/l	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 95.90%			
42) Bromofluorobenzene	13.35	95	208235	44.26	ug/l	0.01
Spiked Amount 50.000	Range 74 - 121		Recovery = 88.52%			

Target Compounds Qvalue

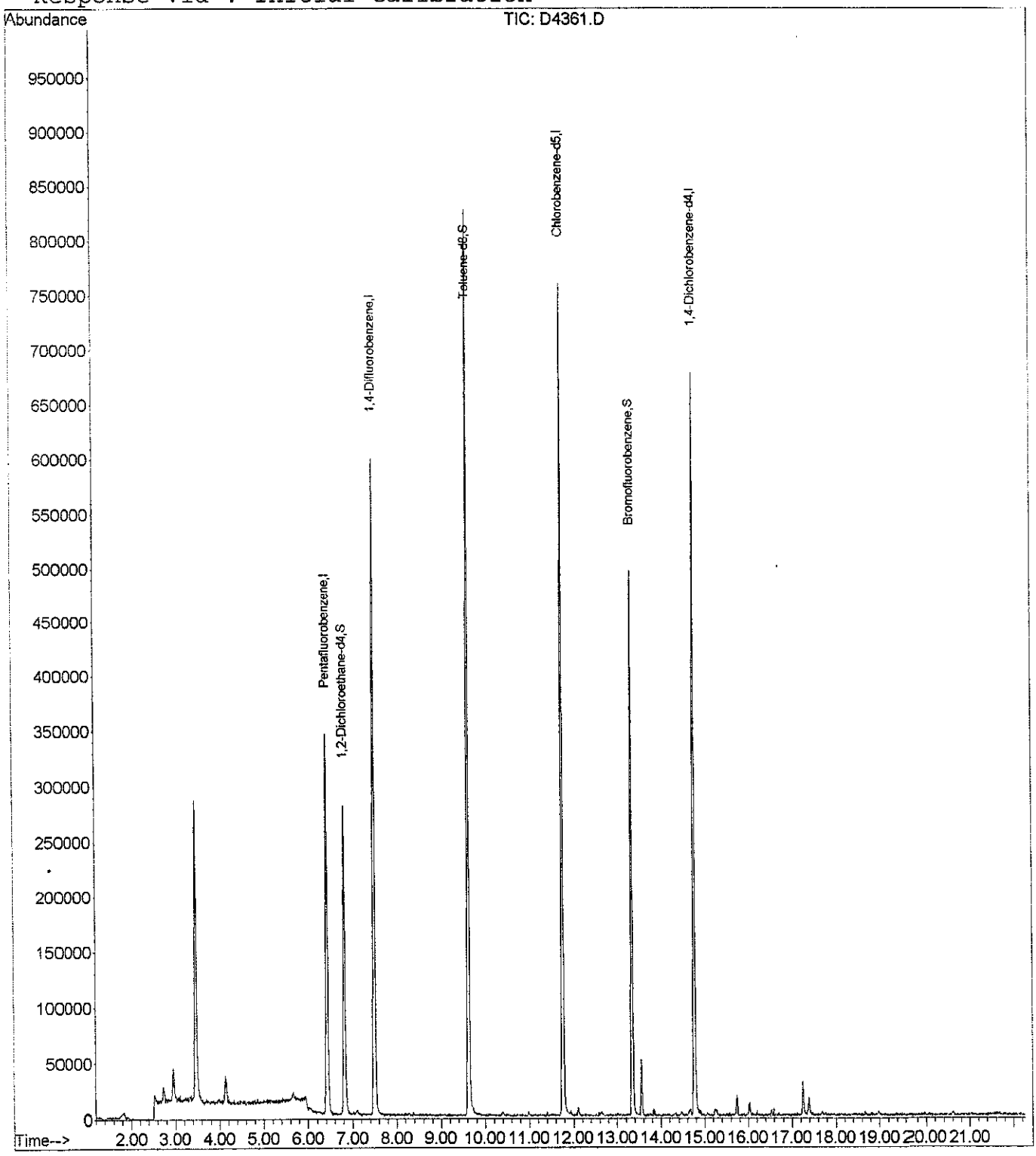
V-51

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

Quantitation Report

Data File : D:\D\DATA\AUG06\D0801\D4361.D Vial: 1
Acq On : 1 Aug 2006 11:44 Operator:
Sample : 0607213 Inst : GC/MS Ins
Misc : SOIL 2931 05 DP 10S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 1 16:28 2006 Quant Results File: VD8S0718.R

Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration



V-52

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\AUG06\D0801\D4361.D
Acq On : 1 Aug 2006 11:44
Sample : 0607213
Misc : SOIL 2931 05 DP 10S
MS Integration Params: rteint.p
Quant Time: Aug 1 16:28 2006

Vial: 1
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S0718.RES

Quant Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0718

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	282836	50.00	ug/l	-0.17
24) 1,4-Difluorobenzene	7.50	114	615110	50.00	ug/l	0.00
43) Chlorobenzene-d5	11.76	117	499164	50.00	ug/l	0.01
55) 1,4-Dichlorobenzene-d4	14.77	152	205011	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.81	65	233657	50.65	ug/l	-0.02
Spiked Amount 50.000	Range 70 - 121		Recovery = 101.30%			
36) Toluene-d8	9.63	98	696731	49.56	ug/l	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 99.12%			
42) Bromofluorobenzene	13.35	95	252281	45.29	ug/l	0.01
Spiked Amount 50.000	Range 74 - 121		Recovery = 90.58%			

Target Compounds Qvalue

V-53

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

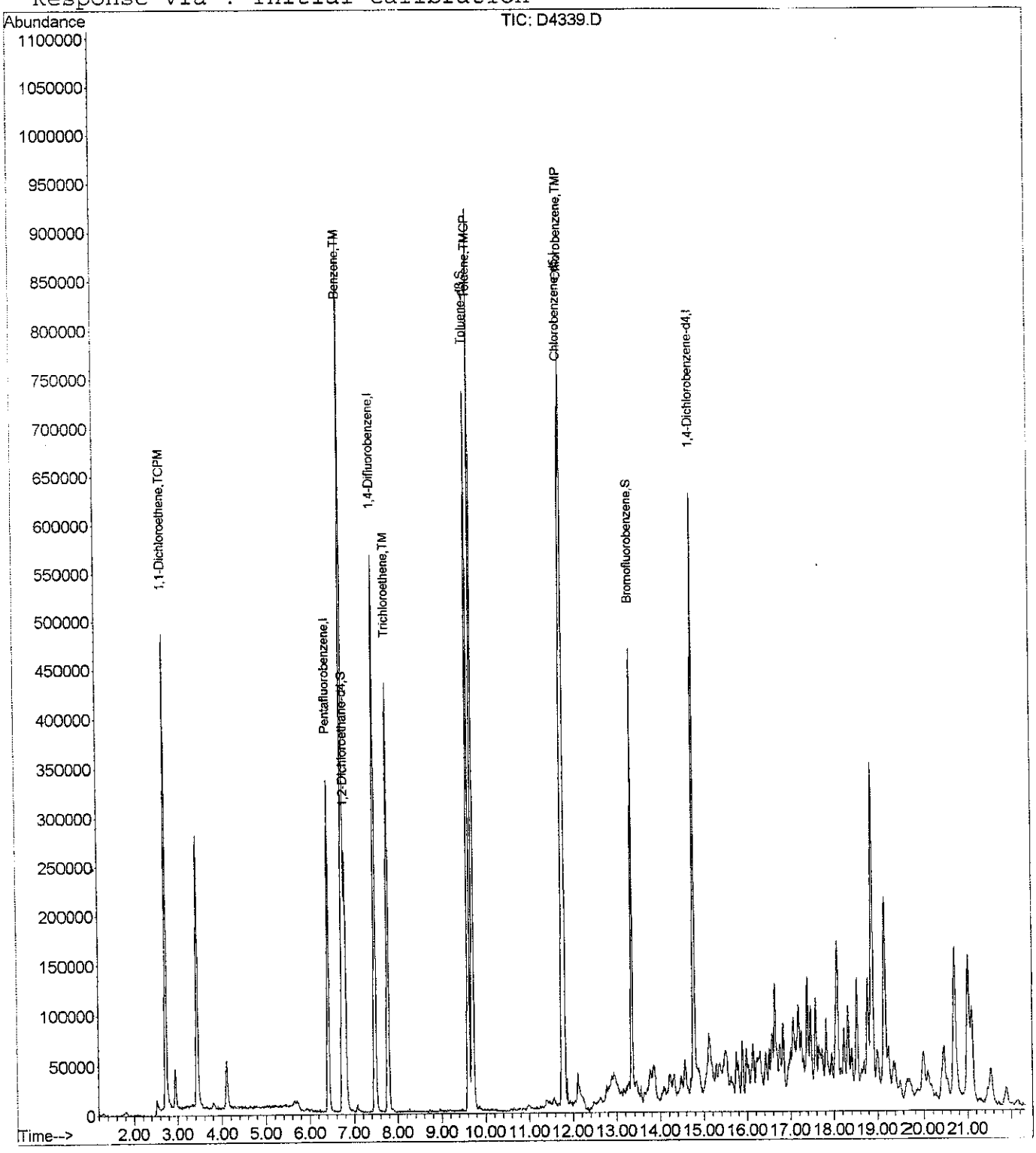
Quantitation Report

Data File : D:\D\DATA\JUL06\D0731\D4339.D
Acq On : 31 Jul 2006 13:06
Sample : 0607214
Misc : SOIL 2931 MS S
MS Integration Params: rteint.p
Quant Time: Aug 1 11:05 2006

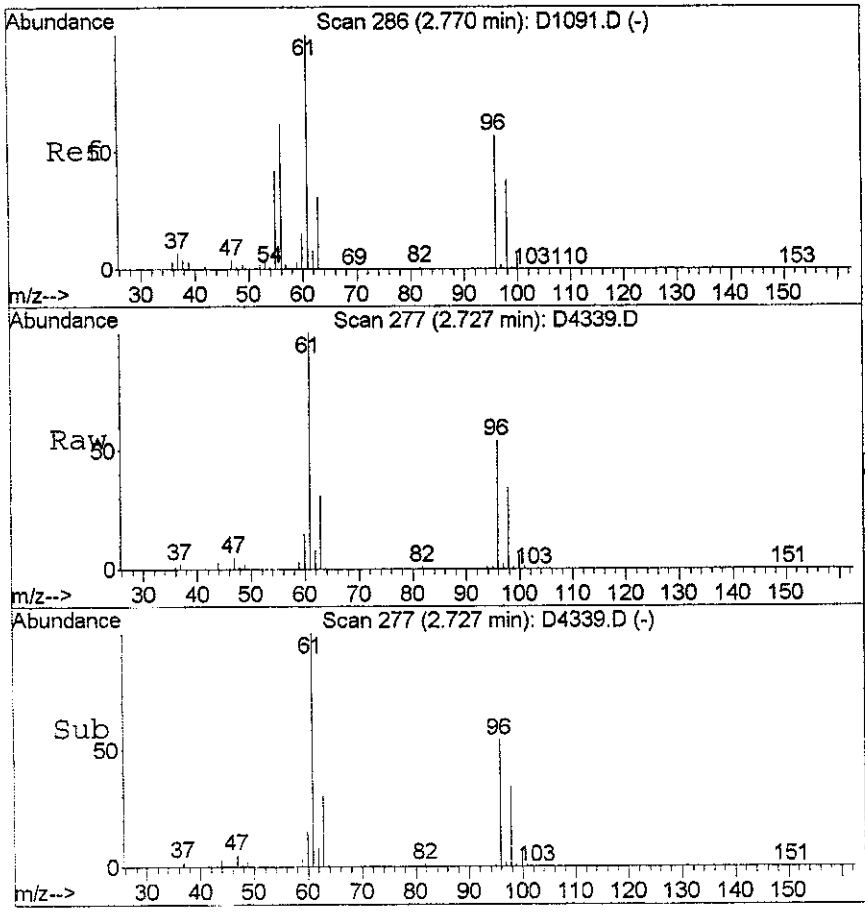
Vial: 8
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VD8S0718.R

Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration



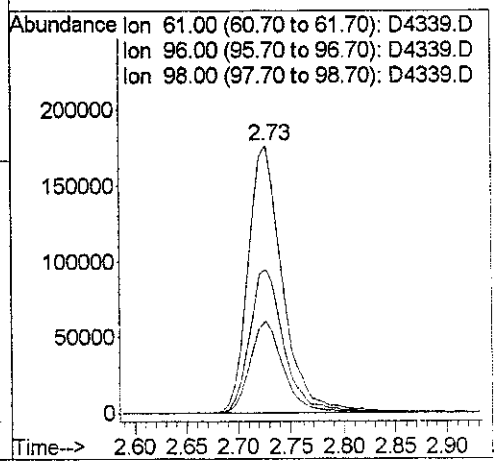
V-54

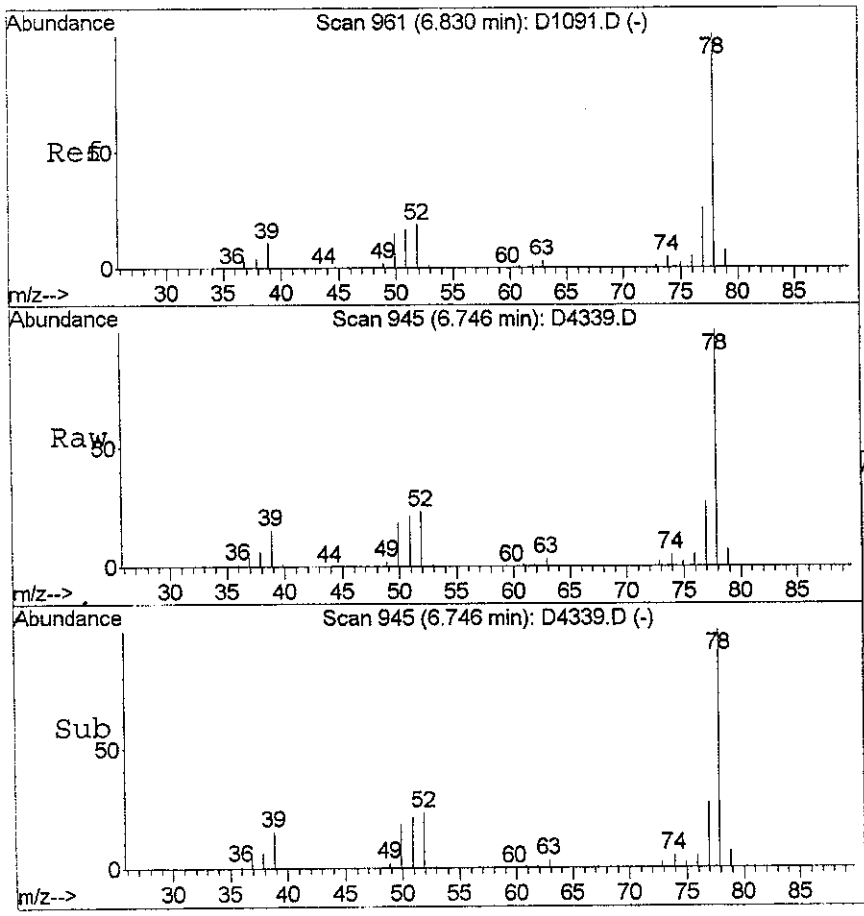


#11
1,1-Dichloroethene
Concen: 53.08 ug/l
RT: 2.73 min Scan# 277
Delta R.T. -0.11 min
Lab File: D4339.D
Acq: 31 Jul 2006 13:06

Tgt Ion: 61 Resp: 403044

Ion	Ratio	Lower	Upper
61	100		
96	53.8	40.9	80.9
98	34.4	19.6	59.6

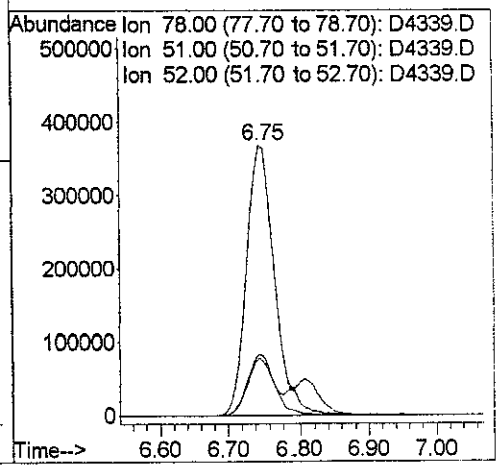




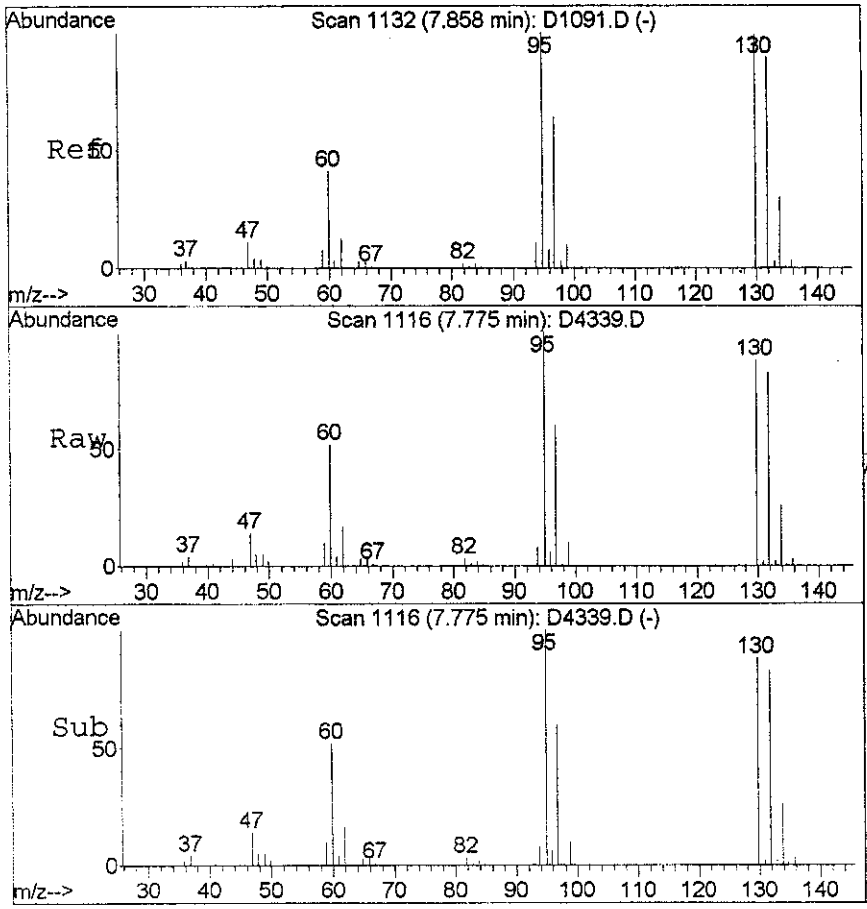
#29
Benzene
Concen: 48.42 ug/l
RT: 6.75 min Scan# 945
Delta R.T. -0.01 min
Lab File: D4339.D
Acq: 31 Jul 2006 13:06

Tgt Ion: 78 Resp: 1033897

Ion	Ratio	Lower	Upper
78	100		
51	21.0	0.0	36.6
52	22.5	0.0	39.4



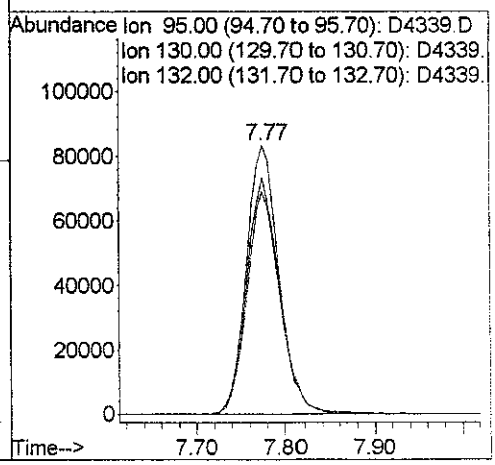
V-55

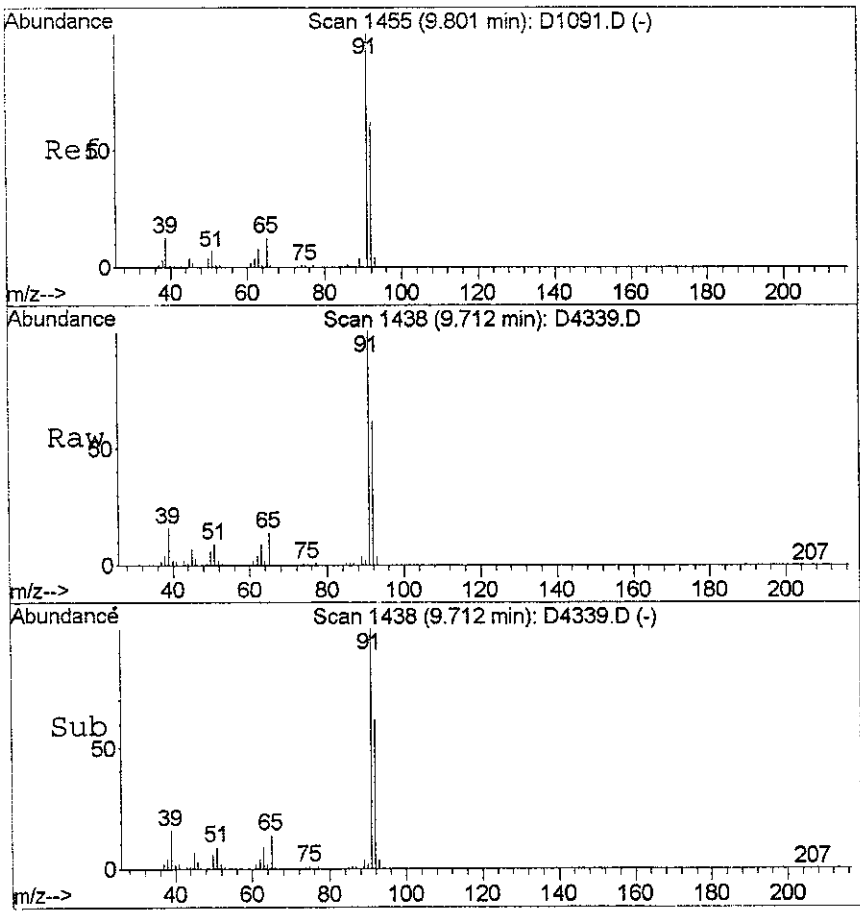


#30
Trichloroethene
Concen: 44.61 ug/l
RT: 7.77 min Scan# 1116
Delta R.T. -0.03 min
Lab File: D4339.D
Acq: 31 Jul 2006 13:06

Tgt Ion: 95 Resp: 214905

Ion	Ratio	Lower	Upper
95	100		
130	88.2	74.9	114.9
132	82.8	69.1	109.1

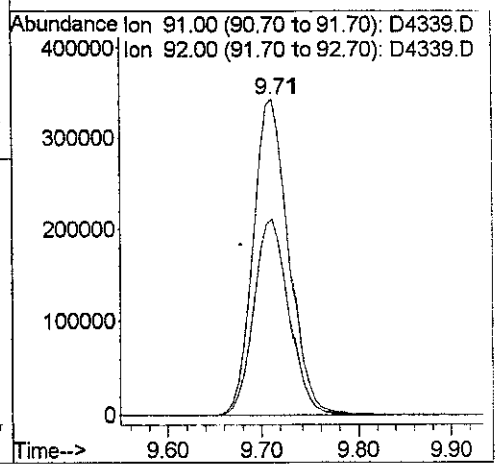




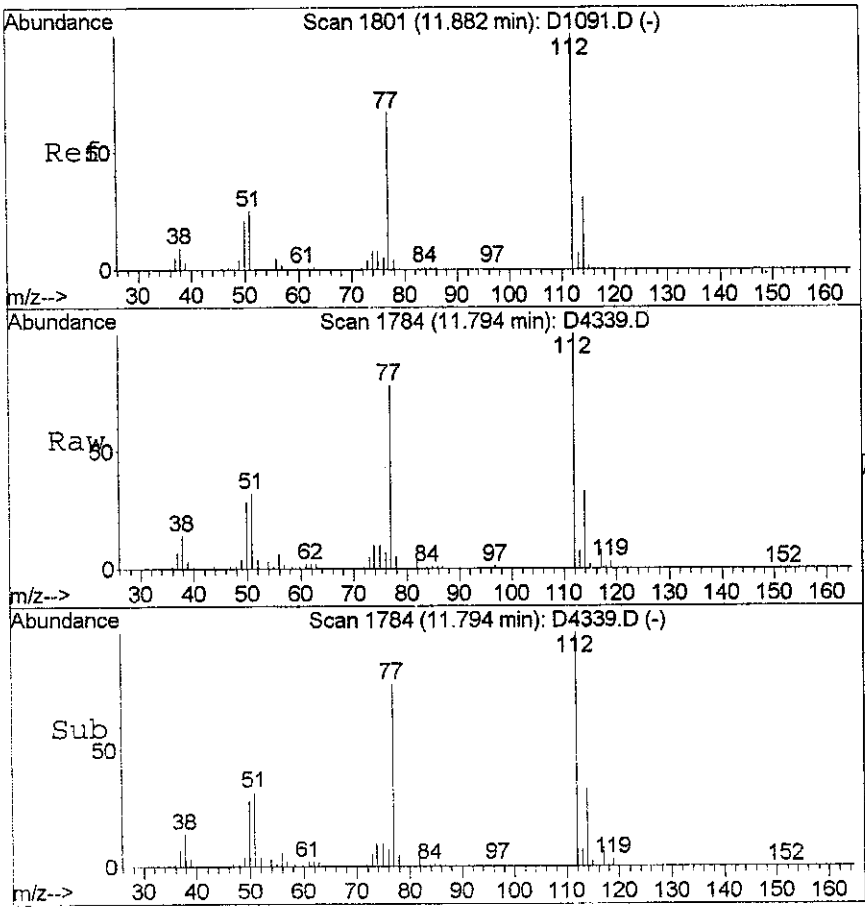
#37
Toluene
Concen: 46.18 ug/l
RT: 9.71 min Scan# 1438
Delta R.T. -0.01 min
Lab File: D4339.D
Acq: 31 Jul 2006 13:06

Tgt Ion: 91 Resp: 868866

Ion	Ratio	Lower	Upper
91	100		
92	61.7	41.3	81.3



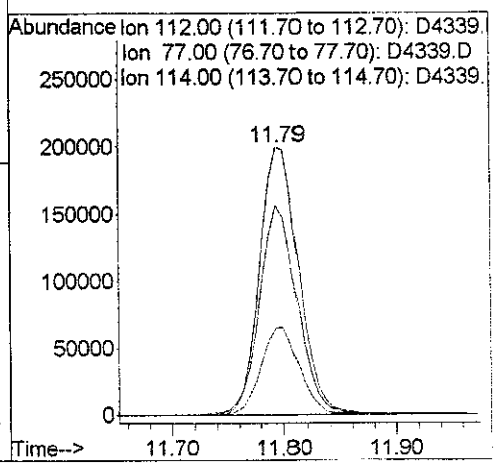
Y-56



#49
Chlorobenzene
Concen: 45.41 ug/l
RT: 11.79 min Scan# 1784
Delta R.T. -0.00 min
Lab File: D4339.D
Acq: 31 Jul 2006 13:06

Tgt Ion:112 Resp: 478342

Ion	Ratio	Lower	Upper
112	100		
77	78.4	50.2	90.2
114	32.6	12.1	52.1



V-57

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0731\D4339.D Vial: 8
Acq On : 31 Jul 2006 13:06 Operator:
Sample : 0607214 Inst : GC/MS Ins
Misc : SOIL 2931 MS S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 1 11:05 2006 Quant Results File: VD8S0718.RES

Quant Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0718

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	279620	50.00	ug/l	-0.18
24) 1,4-Difluorobenzene	7.48	114	561868	50.00	ug/l	-0.03
43) Chlorobenzene-d5	11.76	117	455855	50.00	ug/l	0.00
55) 1,4-Dichlorobenzene-d4	14.77	152	193592	50.00	ug/l	0.01
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.81	65	194813	46.23	ug/l	-0.03
Spiked Amount 50.000	Range 70 - 121		Recovery = 92.46%			
36) Toluene-d8	9.61	98	625669	48.72	ug/l	-0.01
Spiked Amount 50.000	Range 81 - 117		Recovery = 97.44%			
42) Bromofluorobenzene	13.35	95	232716	45.74	ug/l	0.01
Spiked Amount 50.000	Range 74 - 121		Recovery = 91.48%			
Target Compounds						Qvalue
11) 1,1-Dichloroethene	2.73	61	403044	53.08	ug/l	91
29) Benzene	6.75	78	1033897	48.42	ug/l	92
30) Trichloroethene	7.77	95	214905	44.61	ug/l	93
37) Toluene	9.71	91	868866	46.18	ug/l	99
49) Chlorobenzene	11.79	112	478342	45.41	ug/l	93

V-58

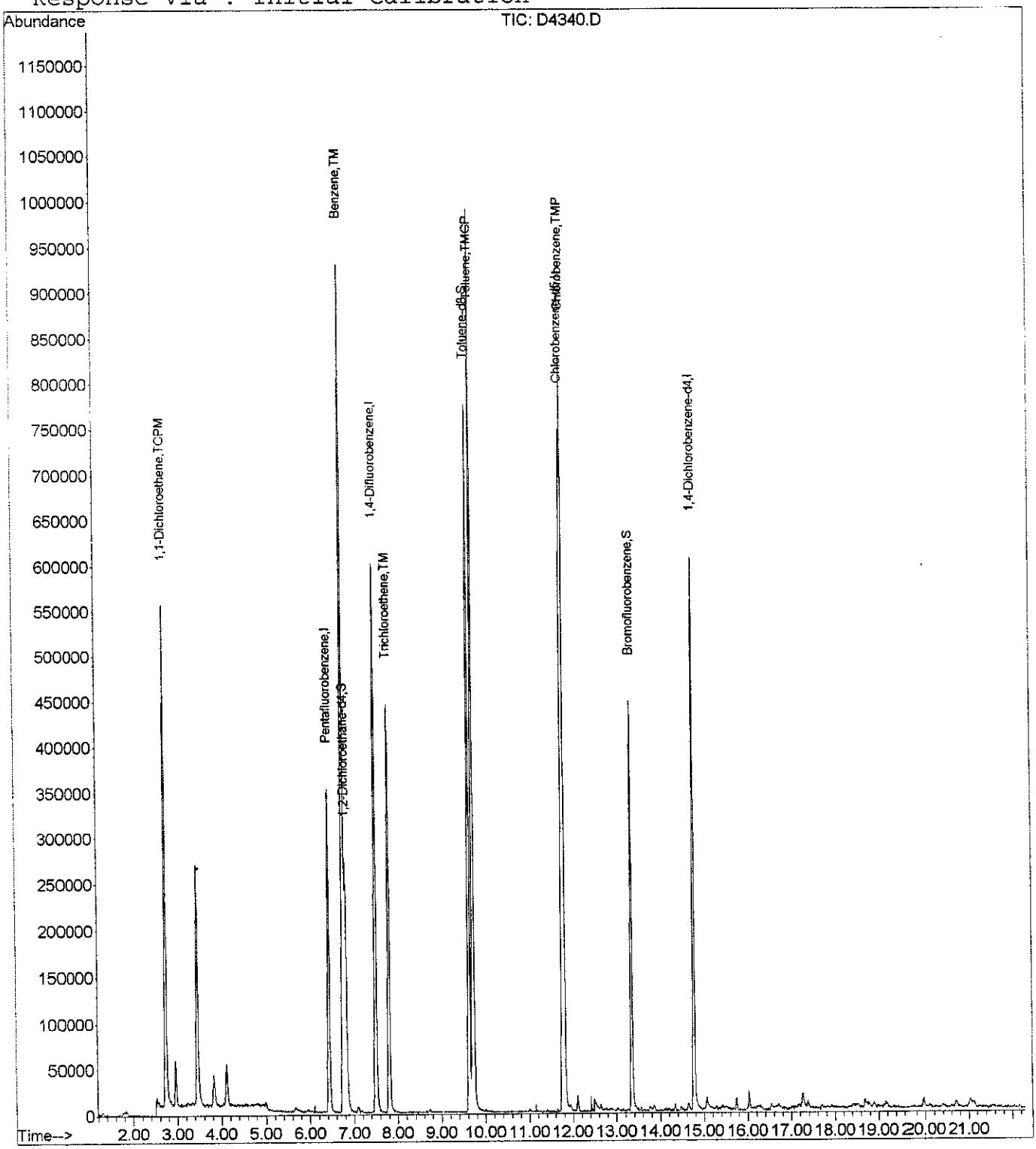
(#) = qualifier out of range (m) = manual integration

Quantitation Report

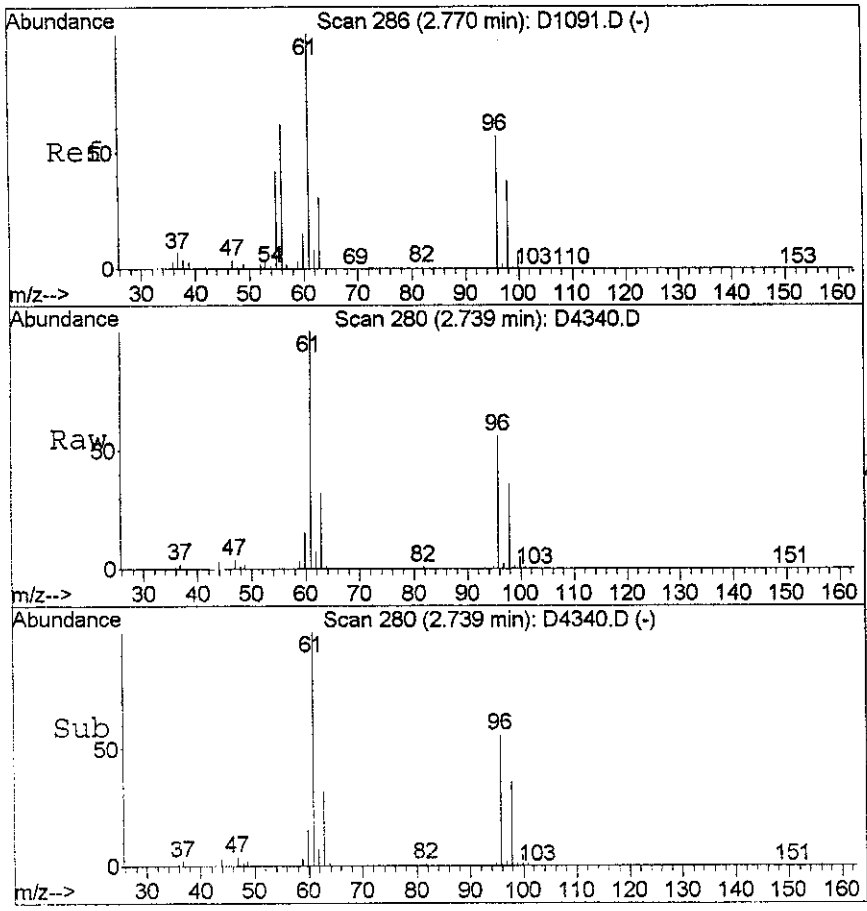
Data File : D:\D\DATA\JUL06\D0731\D4340.D
Acq On : 31 Jul 2006 13:41
Sample : 0607215
Misc : SOIL 2931 MSD S
MS Integration Params: rteint.p
Quant Time: Aug 2 12:04 2006

Vial: 9
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S0718.R

Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration



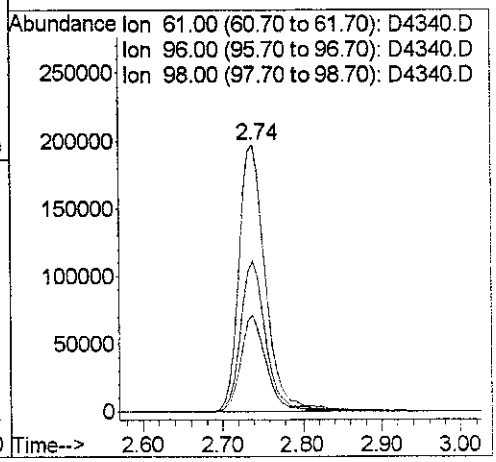
V-59

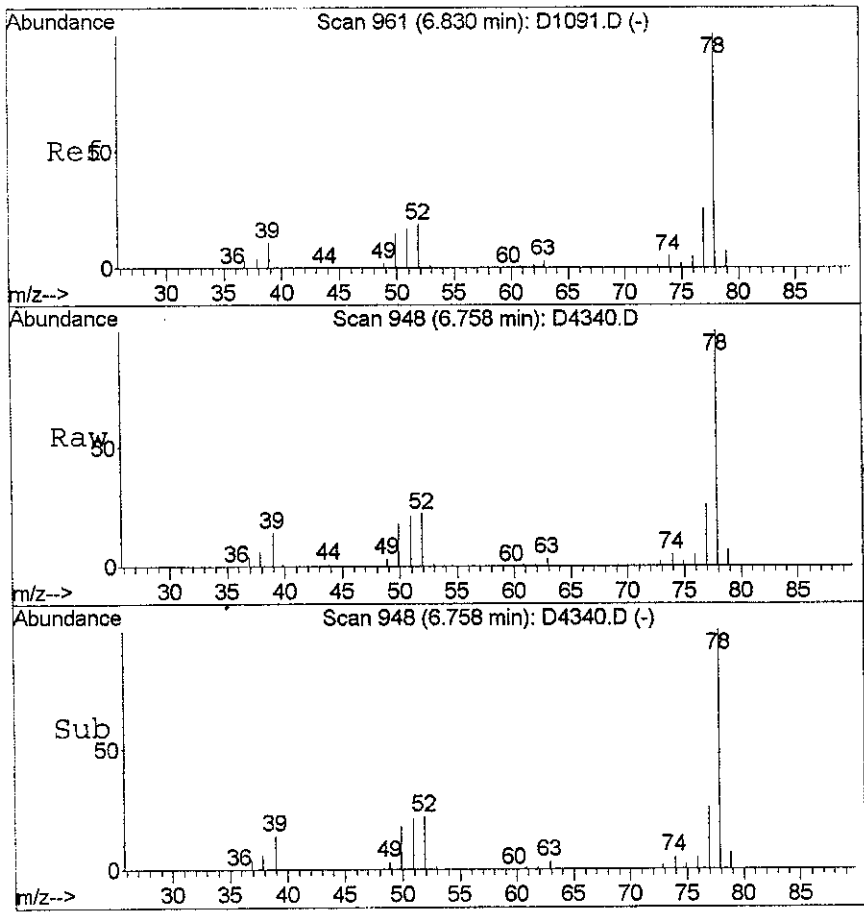


#11
1,1-Dichloroethene
Concen: 58.48 ug/l
RT: 2.74 min Scan# 280
Delta R.T. -0.10 min
Lab File: D4340.D
Acq: 31 Jul 2006 13:41

Tgt Ion: 61 Resp: 465634

Ion	Ratio	Lower	Upper
61	100		
96	56.4	40.9	80.9
98	36.3	19.6	59.6

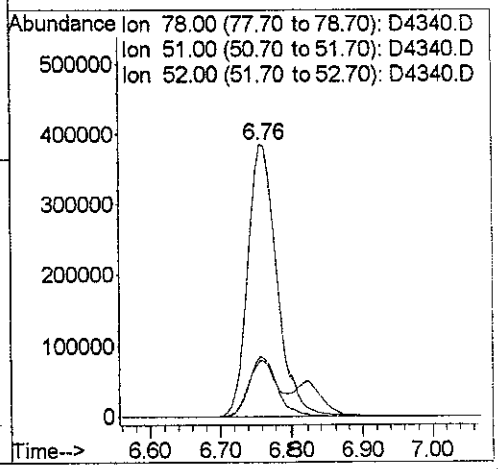




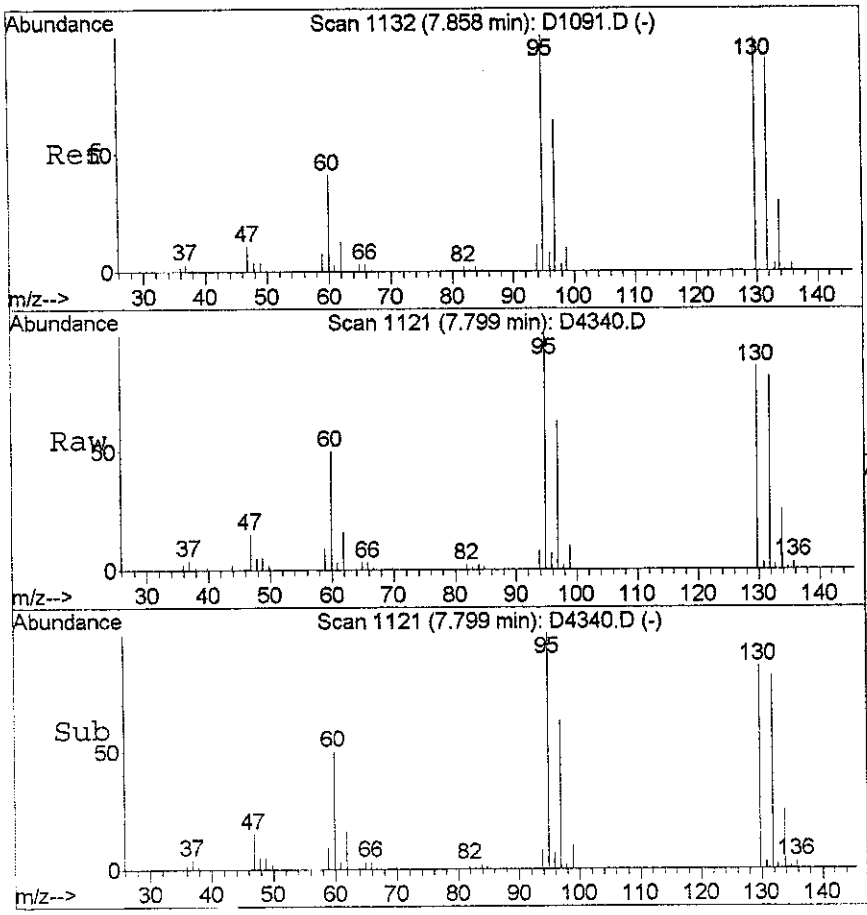
#29
Benzene
Concen: 49.35 ug/l
RT: 6.76 min Scan# 948
Delta R.T. -0.00 min
Lab File: D4340.D
Acq: 31 Jul 2006 13:41

Tgt Ion: 78 Resp: 1113566

Ion	Ratio	Lower	Upper
78	100		
51	20.6	0.0	36.6
52	22.1	0.0	39.4



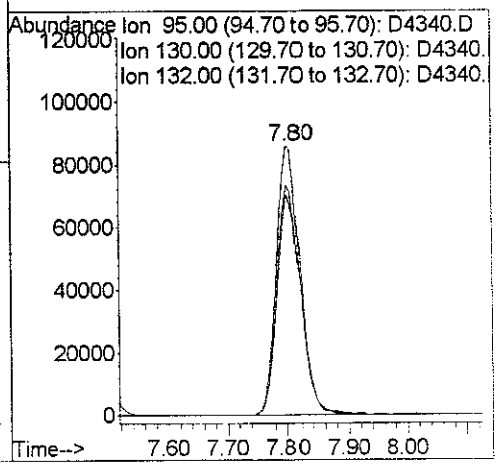
V-60

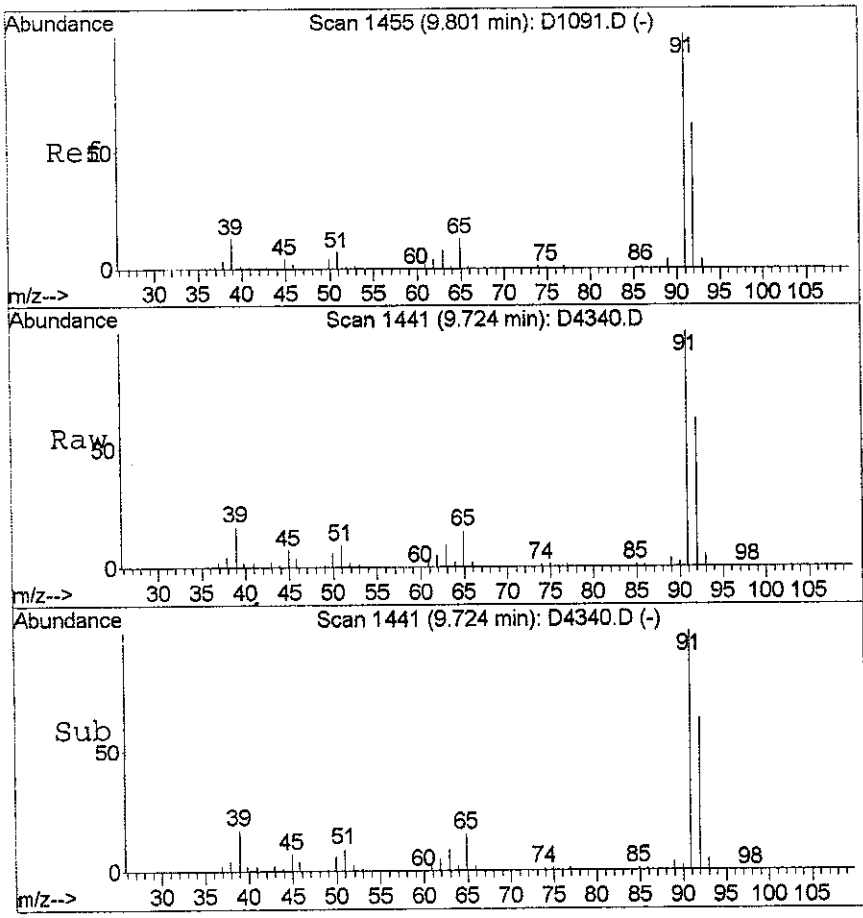


#30
Trichloroethene
Concen: 44.88 ug/l m
RT: 7.80 min Scan# 1121
Delta R.T. -0.00 min
Lab File: D4340.D
Acq: 31 Jul 2006 13:41

Tgt Ion: 95 Resp: 228480

Ion	Ratio	Lower	Upper
95	100		
130	85.5	74.9	114.9
132	82.0	69.1	109.1

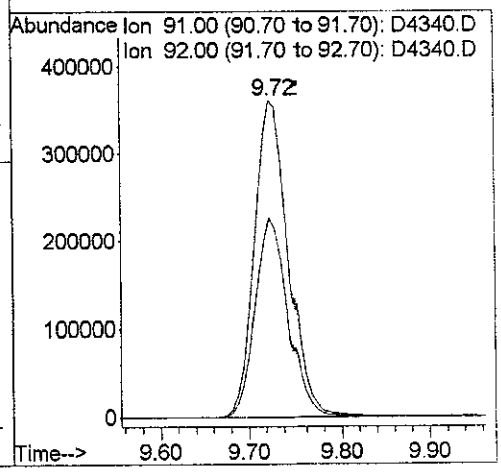




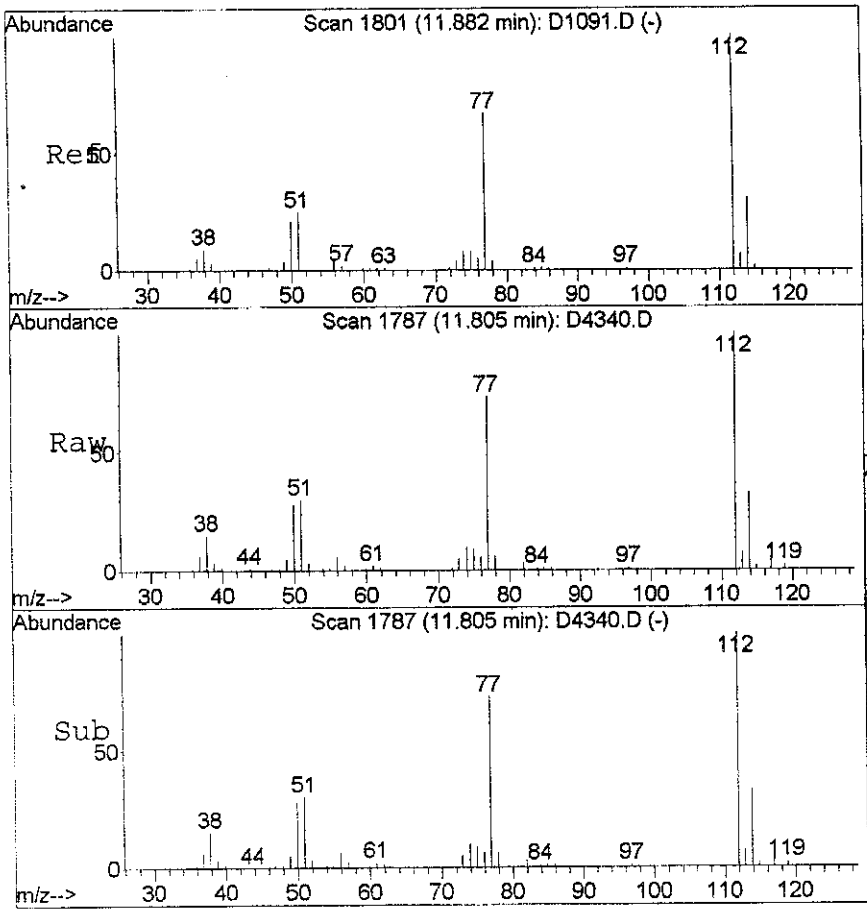
#37
Toluene
Concen: 46.66 ug/l
RT: 9.72 min Scan# 1441
Delta R.T. 0.00 min
Lab File: D4340.D
Acq: 31 Jul 2006 13:41

Tgt Ion: 91 Resp: 927879

Ion	Ratio	Lower	Upper
91	100		
92	62.6	41.3	81.3

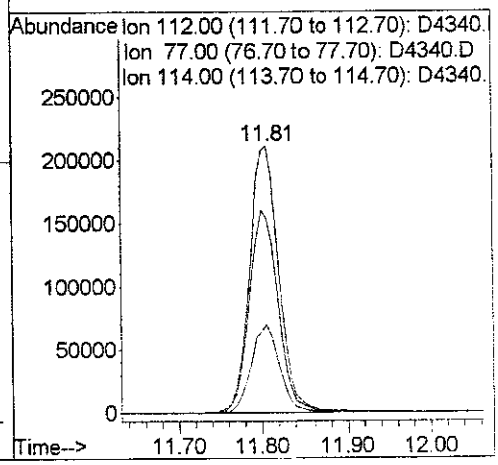


V-61



#49
Chlorobenzene
Concen: 46.33 ug/l
RT: 11.81 min Scan# 1787
Delta R.T. 0.01 min
Lab File: D4340.D
Acq: 31 Jul 2006 13:41

Tgt Ion:112	Resp:	511572	
Ion	Ratio	Lower	Upper
112	100		
77	72.7	50.2	90.2
114	33.0	12.1	52.1



V-68

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0731\D4340.D
Acq On : 31 Jul 2006 13:41
Sample : 0607215
Misc : SOIL 2931 MSD S
MS Integration Params: rteint.p
Quant Time: Aug 2 12:04 2006

Vial: 9
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S0718.RES

Quant Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0718

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	293258	50.00	ug/l	-0.17
24) 1,4-Difluorobenzene	7.50	114	593776	50.00	ug/l	0.00
43) Chlorobenzene-d5	11.76	117	477772	50.00	ug/l	0.01
55) 1,4-Dichlorobenzene-d4	14.77	152	193908	50.00	ug/l	0.01
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.82	65	212082	47.63	ug/l	-0.01
Spiked Amount 50.000	Range 70 - 121		Recovery = 95.26%			
36) Toluene-d8	9.63	98	651574	48.01	ug/l	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 96.02%			
42) Bromofluorobenzene	13.35	95	235372	43.77	ug/l	0.02
Spiked Amount 50.000	Range 74 - 121		Recovery = 87.54%			
Target Compounds						Qvalue
11) 1,1-Dichloroethene	2.74	61	465634	58.48	ug/l	94
29) Benzene	6.76	78	1113566	49.35	ug/l	93
30) Trichloroethene	7.80	95	228480m	44.88	ug/l	
37) Toluene	9.72	91	927879	46.66	ug/l	98
49) Chlorobenzene	11.81	112	511572	46.33	ug/l	97

V-63

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

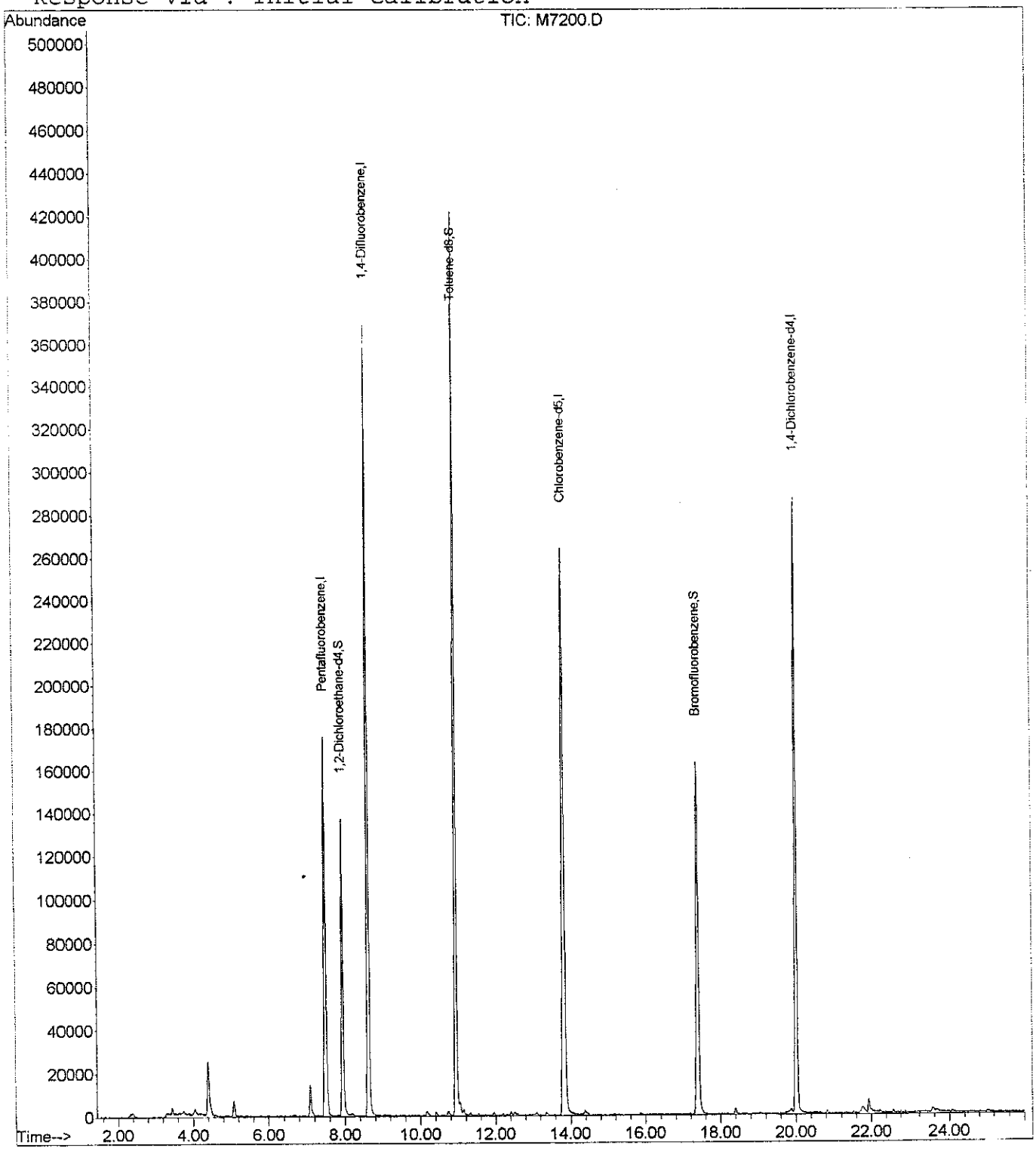
Quantitation Report

Data File : D:\M\DATA\JUL06\M0731\M7200.D
Acq On : 31 Jul 2006 16:53
Sample : 0607216
Misc : WATER 2931 05 DP 1A
MS Integration Params: rteint.p
Quant Time: Aug 1 14:15 2006

Vial: 5
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8A0703.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



V-64

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0731\M7200.D
Acq On : 31 Jul 2006 16:53
Sample : 0607216
Misc : WATER 2931 05 DP 1A
MS Integration Params: rteint.p
Quant Time: Aug 1 14:15 2006

Vial: 5
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0703

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.49	168	189847	50.00	ug/l	0.04
24) 1,4-Difluorobenzene	8.63	114	456660	50.00	ug/l	0.04
43) Chlorobenzene-d5	13.83	117	376615	50.00	ug/l	0.05
55) 1,4-Dichlorobenzene-d4	20.01	152	143783	50.00	ug/l	0.05
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	7.94	65	137313	42.28	ug/l	0.03
Spiked Amount 50.000	Range 76 - 114		Recovery = 84.56%			
36) Toluene-d8	10.94	98	462676	47.03	ug/l	0.04
Spiked Amount 50.000	Range 88 - 110		Recovery = 94.06%			
42) Bromofluorobenzene	17.39	95	166350	45.52	ug/l	0.06
Spiked Amount 50.000	Range 86 - 115		Recovery = 91.04%			

Target Compounds Qvalue

V-65

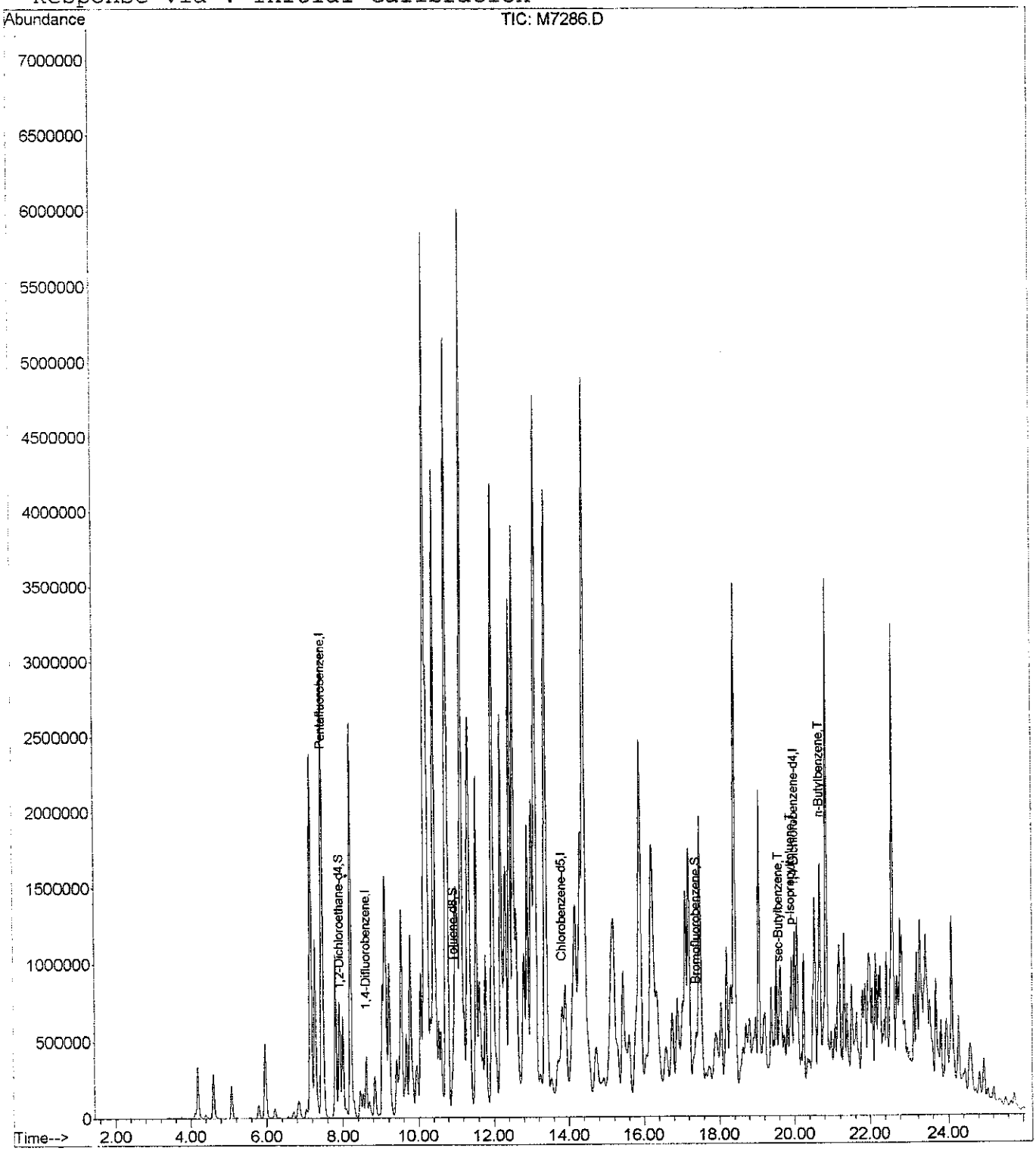
(#) = qualifier out of range (m) = manual integration

Quantitation Report

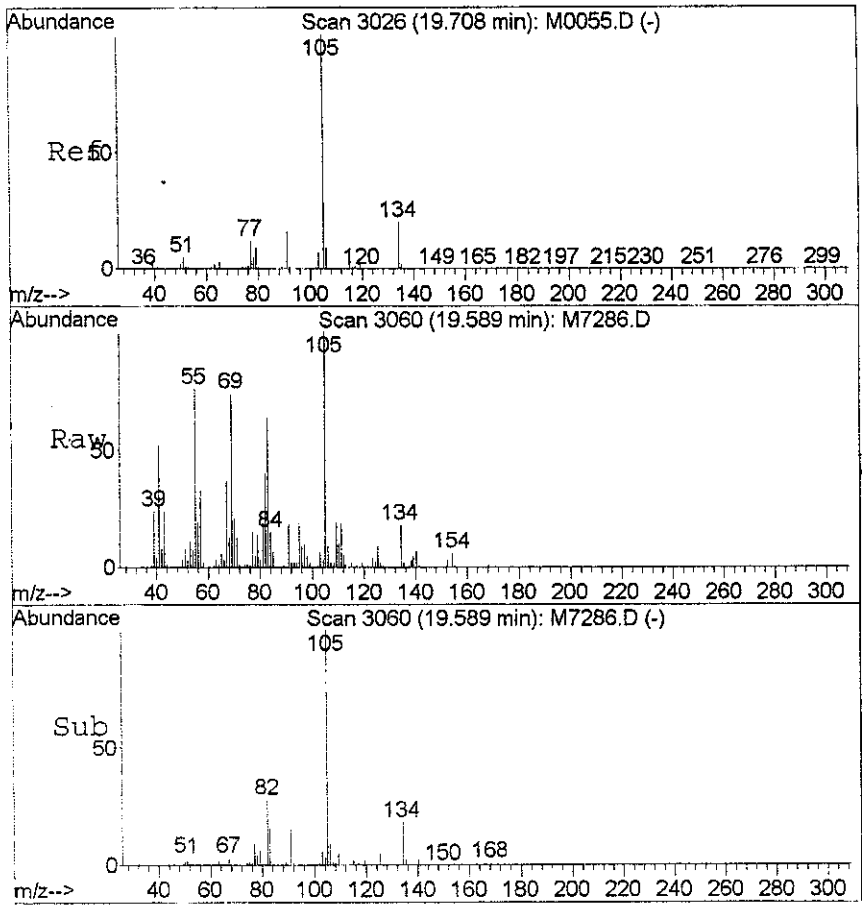
Data File : D:\M\DATA\AUG06\M0803\M7286.D
Acq On : 3 Aug 2006 11:46
Sample : 0607217
Misc : WATER 2931 05 DP 3A
MS Integration Params: rteint.p
Quant Time: Aug 25 4:07 2006

Vial: 10
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8A0703.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



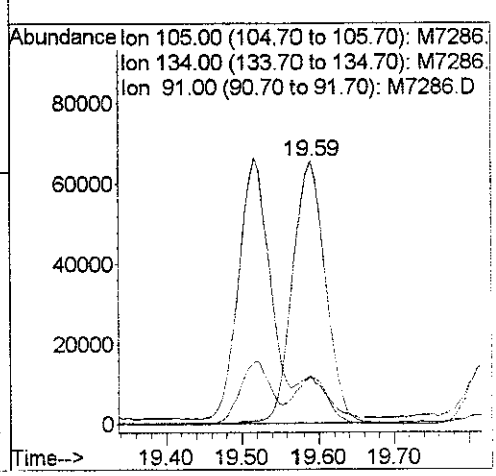
V-166

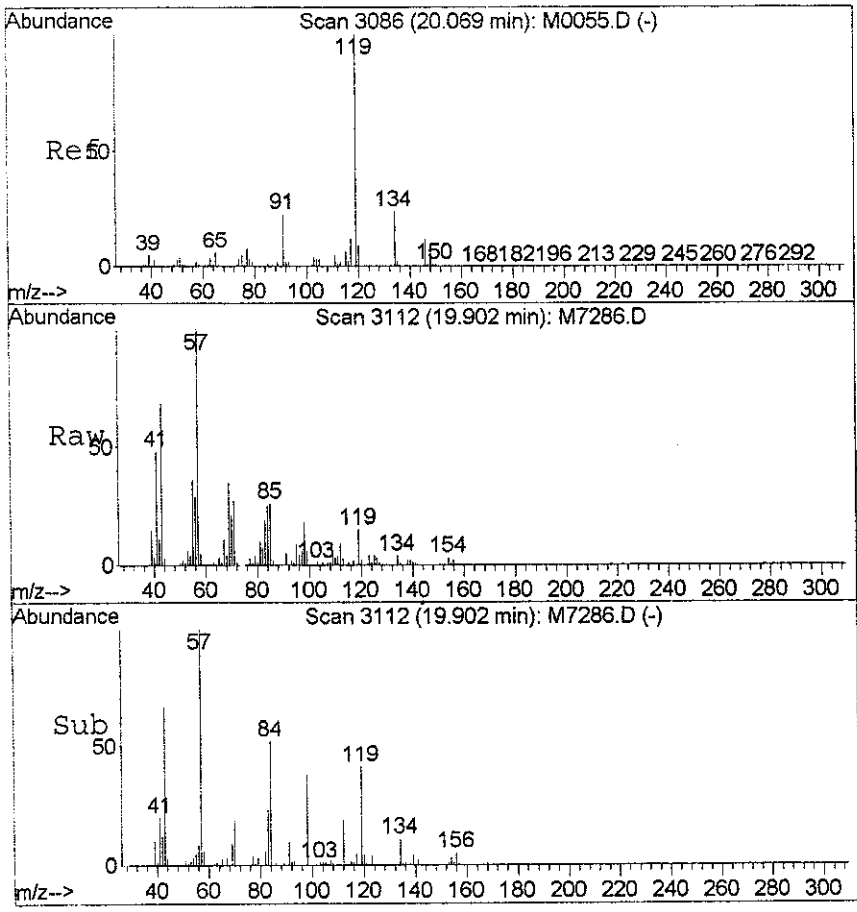


#66
sec-Butylbenzene
Concen: 15.48 ug/l
RT: 19.59 min Scan# 3060
Delta R.T. 0.04 min
Lab File: M7286.D
Acq: 3 Aug 2006 11:46

Tgt Ion:105 Resp: 192304

Ion	Ratio	Lower	Upper
105	100		
134	17.9	0.0	39.3
91	18.4	0.0	34.1

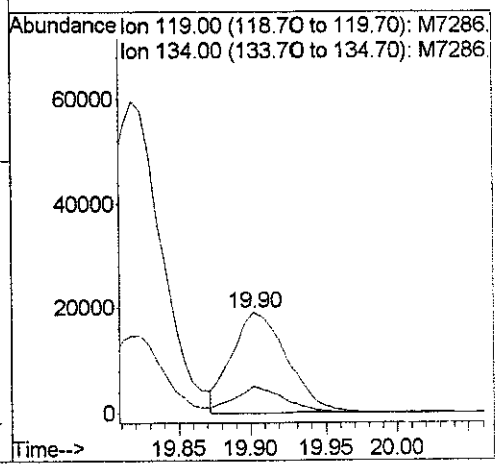




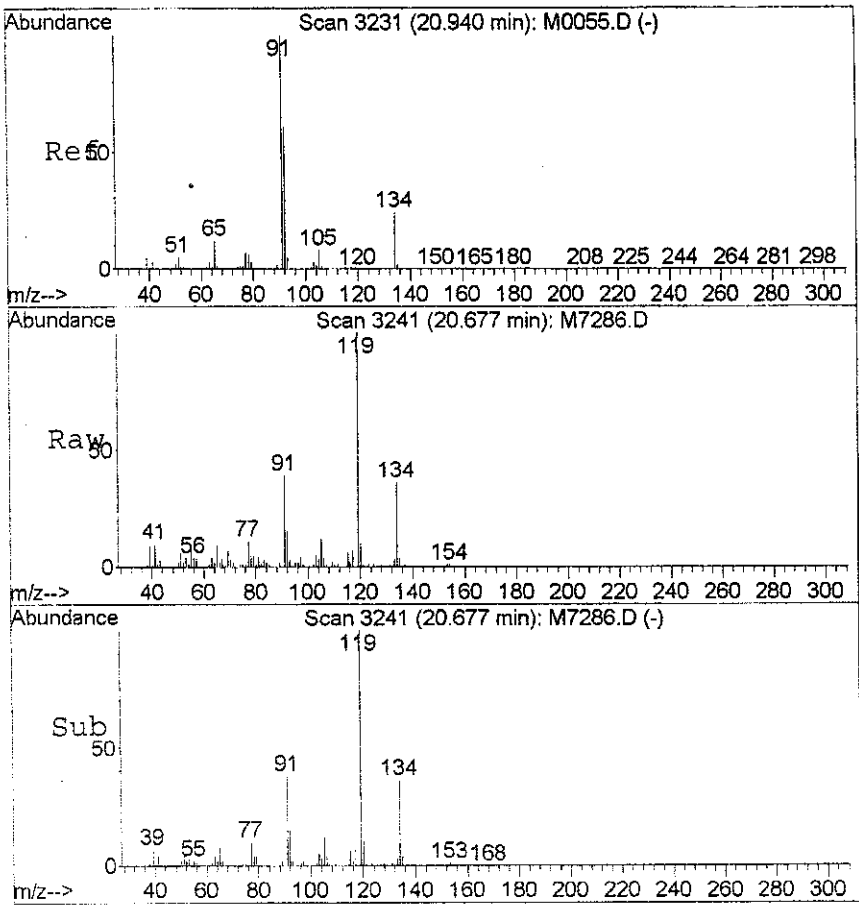
#67
p-Isopropyltoluene
Concen: 5.06 ug/l
RT: 19.90 min Scan# 3112
Delta R.T. 0.03 min
Lab File: M7286.D
Acq: 3 Aug 2006 11:46

Tgt Ion:119 Resp: 49535

Ion	Ratio	Lower	Upper
119	100		
134	26.8	7.0	47.0



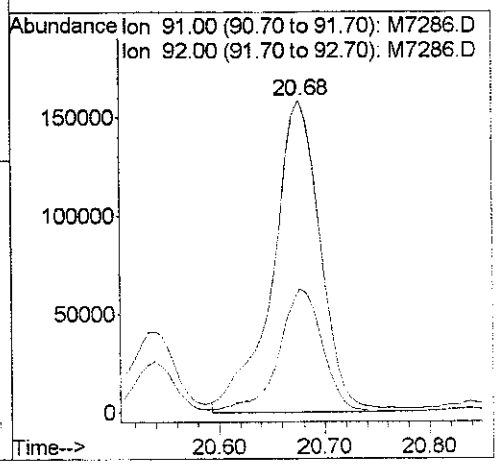
V-67



#70
n-Butylbenzene
Concen: 52.33 ug/l m
RT: 20.68 min Scan# 3241
Delta R.T. 0.03 min
Lab File: M7286.D
Acq: 3 Aug 2006 11:46

Tgt Ion: 91 Resp: 492895

Ion	Ratio	Lower	Upper
91	100		
92	39.5	40.3	80.3#



Y-68

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\AUG06\M0803\M7286.D
Acq On : 3 Aug 2006 11:46
Sample : 0607217
Misc : WATER 2931 05 DP 3A
MS Integration Params: rteint.p
Quant Time: Aug 25 4:07 2006

Vial: 10
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0703

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.48	168	185423	50.00	ug/l	0.04
24) 1,4-Difluorobenzene	8.62	114	425080	50.00	ug/l	0.03
43) Chlorobenzene-d5	13.83	117	353147	50.00	ug/l	0.05
55) 1,4-Dichlorobenzene-d4	20.00	152	132180	50.00	ug/l	0.04
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	7.94	65	146372	48.42	ug/l	0.03
Spiked Amount 50.000	Range 76 - 114		Recovery = 96.84%			
36) Toluene-d8	10.94	98	476377	52.02	ug/l	0.04
Spiked Amount 50.000	Range 88 - 110		Recovery = 104.04%			
42) Bromofluorobenzene	17.38	95	194132m	57.07	ug/l	0.06
Spiked Amount 50.000	Range 86 - 115		Recovery = 114.14%			
Target Compounds						Qvalue
66) sec-Butylbenzene	19.59	105	192304	15.48	ug/l	94
67) p-Isopropyltoluene	19.90	119	49535	5.06	ug/l	100
70) n-Butylbenzene	20.68	91	492895m	52.33	ug/l	

V-69

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

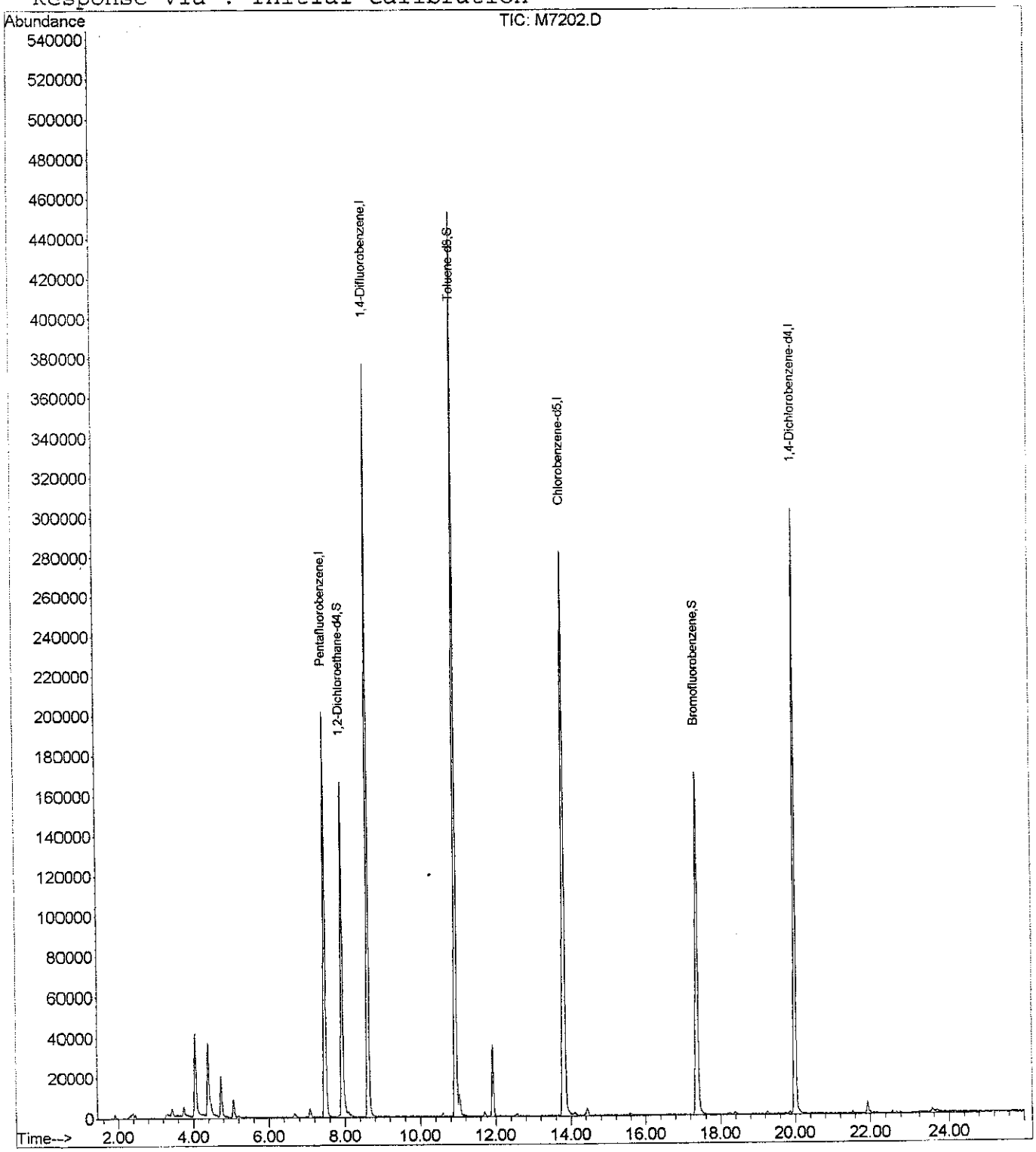
Quantitation Report

Data File : D:\M\DATA\JUL06\M0731\M7202.D
Acq On : 31 Jul 2006 18:00
Sample : 0607218
Misc : WATER 2931 05 DP 7A
MS Integration Params: rteint.p
Quant Time: Aug 1 14:17 2006

Vial: 7
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8A0703.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



V-70

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0731\M7202.D
Acq On : 31 Jul 2006 18:00
Sample : 0607218
Misc : WATER 2931 05 DP 7A
MS Integration Params: rteint.p
Quant Time: Aug 1 14:17 2006

Vial: 7
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0703

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.48	168	209735	50.00	ug/l	0.03
24) 1,4-Difluorobenzene	8.62	114	472074	50.00	ug/l	0.03
43) Chlorobenzene-d5	13.81	117	401191	50.00	ug/l	0.04
55) 1,4-Dichlorobenzene-d4	20.00	152	149209	50.00	ug/l	0.03
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	7.93	65	166445	49.58	ug/l	0.02
Spiked Amount 50.000	Range 76 - 114		Recovery = 99.16%			
36) Toluene-d8	10.93	98	492724	48.44	ug/l	0.03
Spiked Amount 50.000	Range 88 - 110		Recovery = 96.88%			
42) Bromofluorobenzene	17.37	95	174214	46.12	ug/l	0.04
Spiked Amount 50.000	Range 86 - 115		Recovery = 92.24%			

Target Compounds Qvalue

V-571

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

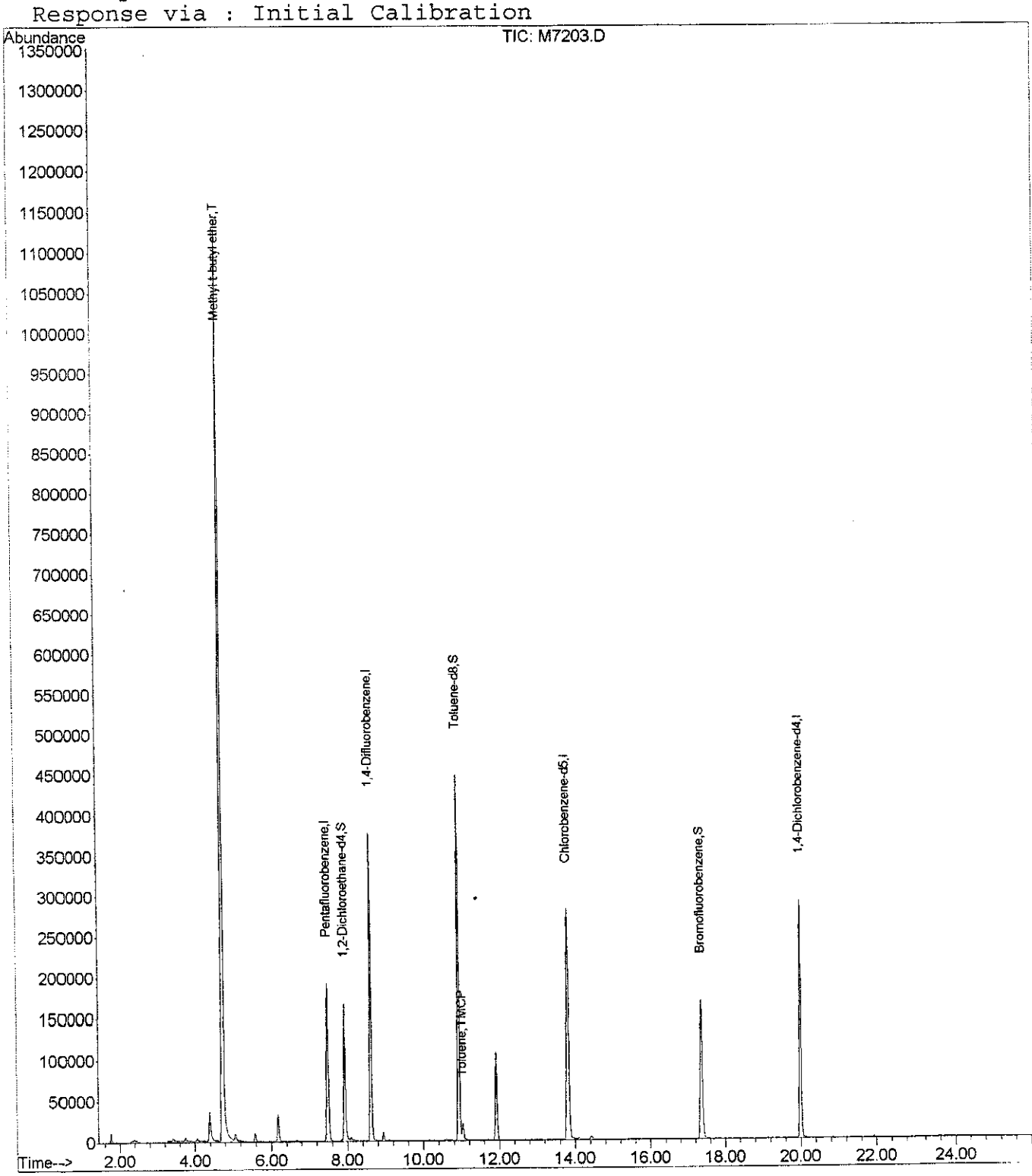
Quantitation Report

Data File : D:\M\DATA\JUL06\M0731\M7203.D
Acq On : 31 Jul 2006 18:33
Sample : 0607219
Misc : WATER 2931 05 DP 9A
MS Integration Params: rteint.p
Quant Time: Aug 1 14:17 2006

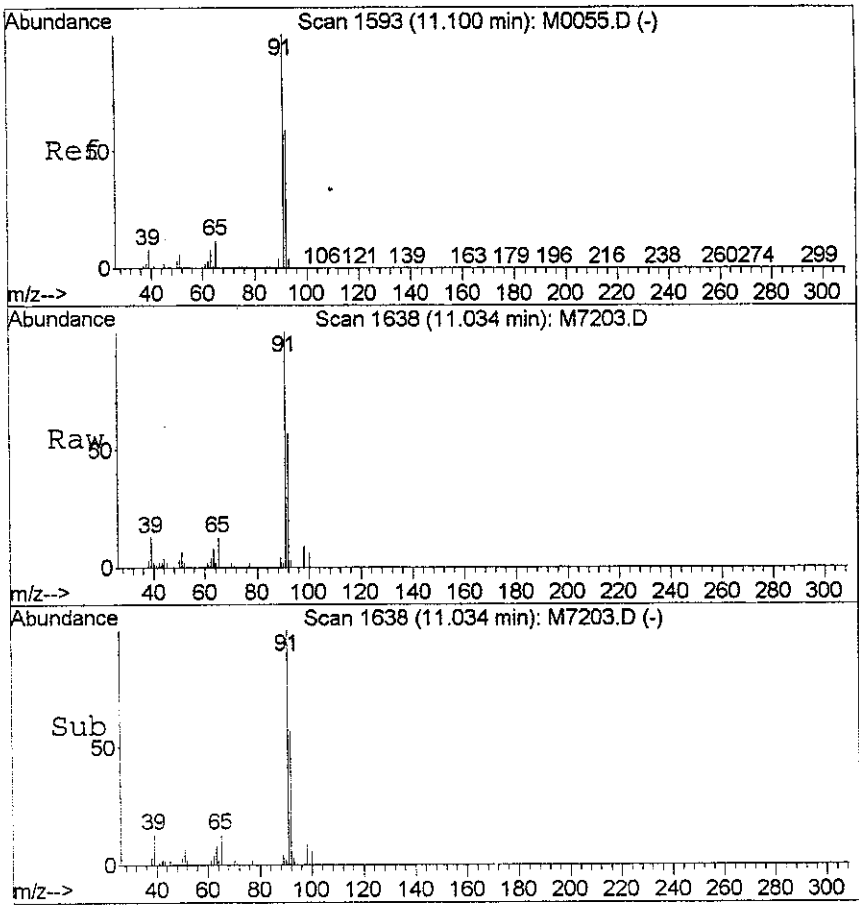
Vial: 8
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8A0703.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



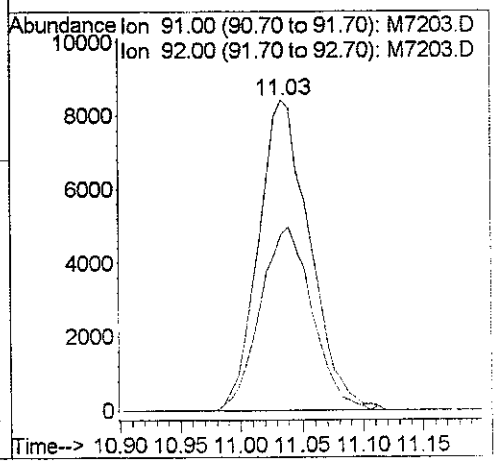
V-512

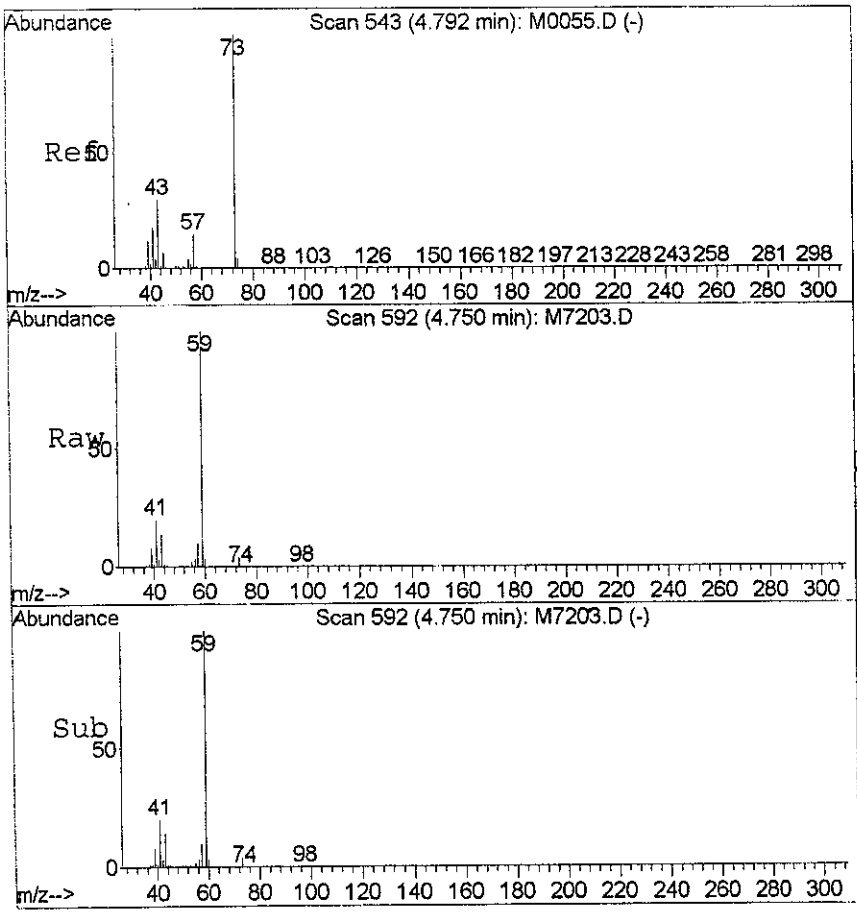


#37
Toluene
Concen: 1.77 ug/l
RT: 11.03 min Scan# 1638
Delta R.T. 0.03 min
Lab File: M7203.D
Acq: 31 Jul 2006 18:33

Tgt Ion: 91 Resp: 24251

Ion	Ratio	Lower	Upper
91	100		
92	56.7	42.2	82.2

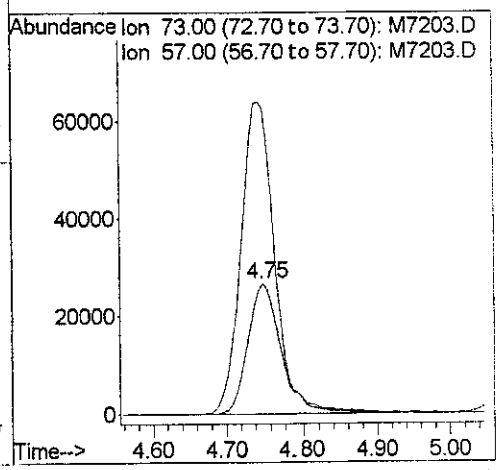




#77
Methyl t-butyl ether
Concen: 12.13 ug/l
RT: 4.75 min Scan# 592
Delta R.T. 0.01 min
Lab File: M7203.D
Acq: 31 Jul 2006 18:33

Tgt Ion: 73 Resp: 83258

Ion	Ratio	Lower	Upper
73	100		
57	234.2	6.1	46.1#



V-73

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0731\M7203.D
Acq On : 31 Jul 2006 18:33
Sample : 0607219
Misc : WATER 2931 05 DP 9A
MS Integration Params:. rteint.p
Quant Time: Aug 1 14:17 2006

Vial: 8
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0703

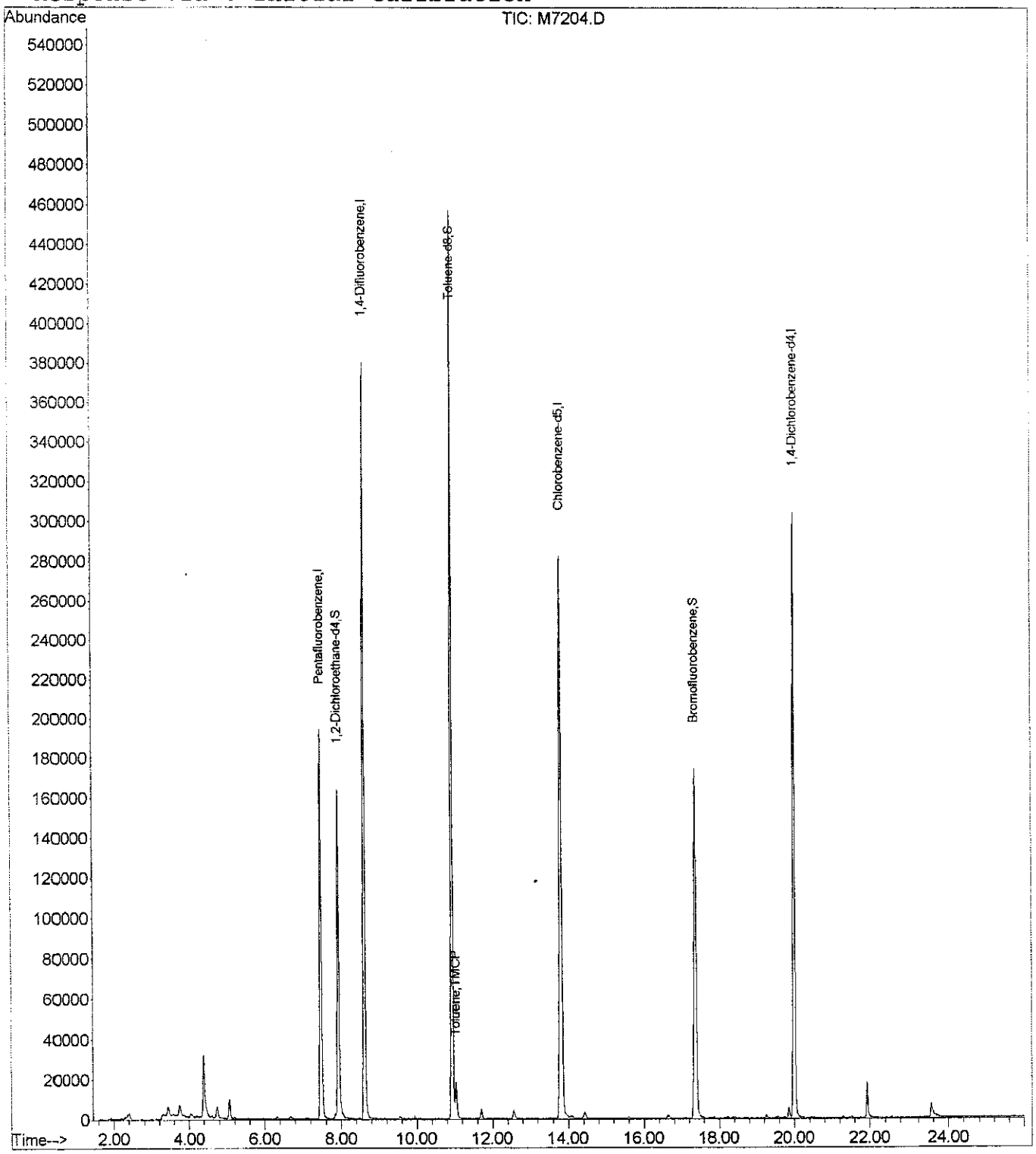
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.48	168	203530	50.00	ug/l	0.03
24) 1,4-Difluorobenzene	8.61	114	462187	50.00	ug/l	0.02
43) Chlorobenzene-d5	13.81	117	400653	50.00	ug/l	0.04
55) 1,4-Dichlorobenzene-d4	19.99	152	144793	50.00	ug/l	0.03
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	7.93	65	166513	50.66	ug/l	0.02
Spiked Amount 50.000	Range 76 - 114		Recovery = 101.32%			
36) Toluene-d8	10.93	98	489735	49.18	ug/l	0.03
Spiked Amount 50.000	Range 88 - 110		Recovery = 98.36%			
42) Bromofluorobenzene	17.36	95	171964	46.50	ug/l	0.03
Spiked Amount 50.000	Range 86 - 115		Recovery = 93.00%			
Target Compounds						Qvalue
37) Toluene	11.03	91	24251	1.77	ug/l	93
77) Methyl t-butyl ether	4.75	73	83258	12.13	ug/l #	1

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

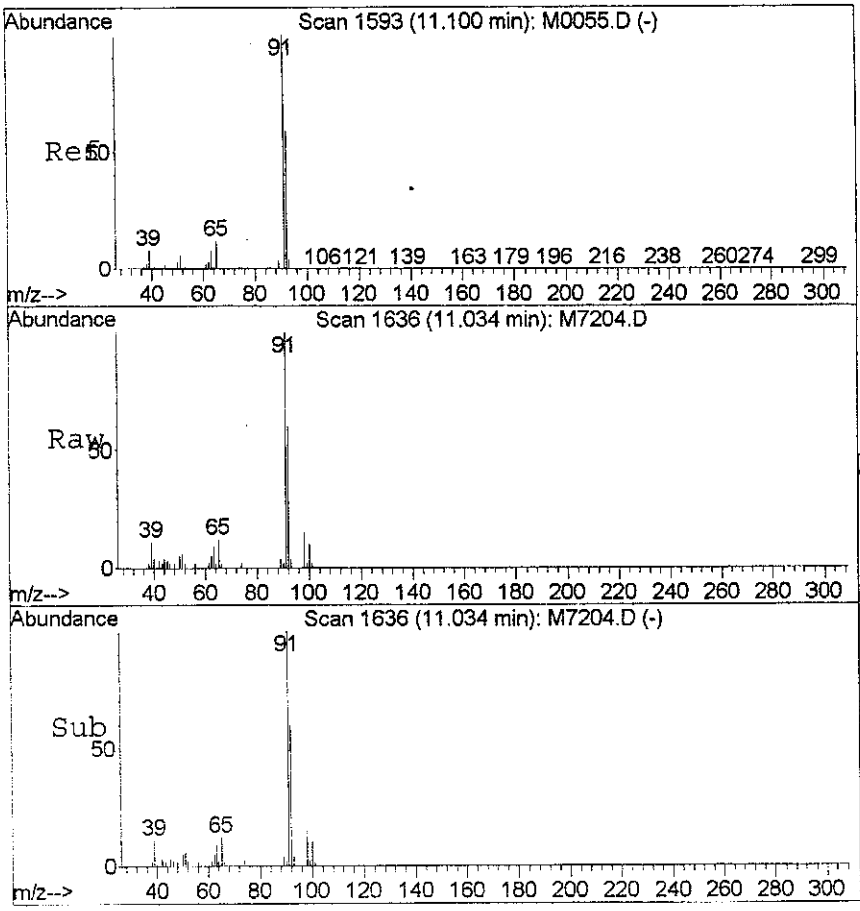
Quantitation Report

Data File : D:\M\DATA\JUL06\M0731\M7204.D Vial: 9
Acq On : 31 Jul 2006 19:06 Operator:
Sample : 0607220 Inst : GC/MS Ins
Misc : WATER 2931 05 DP 10A Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 1 14:17 2006 Quant Results File: VM8A0703.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



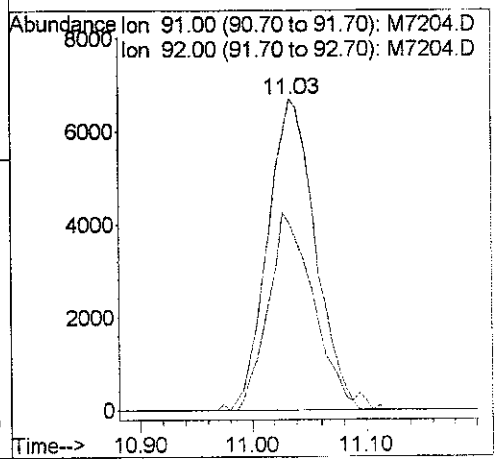
V-75



#37
Toluene
Concen: 1.38 ug/l
RT: 11.03 min Scan# 1636
Delta R.T. 0.03 min
Lab File: M7204.D
Acq: 31 Jul 2006 19:06

Tgt Ion: 91 Resp: 19308

Ion	Ratio	Lower	Upper
91	100		
92	60.2	42.2	82.2



V-76

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0731\M7204.D Vial: 9
Acq On : 31 Jul 2006 19:06 Operator:
Sample : 0607220 Inst : GC/MS Ins
Misc : WATER 2931 05 DP 10A Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 1 14:17 2006 Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0703

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.48	168	201318	50.00	ug/l	0.03
24) 1,4-Difluorobenzene	8.61	114	469420	50.00	ug/l	0.02
43) Chlorobenzene-d5	13.81	117	401137	50.00	ug/l	0.04
55) 1,4-Dichlorobenzene-d4	19.99	152	149916	50.00	ug/l	0.03
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	7.93	65	165524	49.58	ug/l	0.02
Spiked Amount 50.000	Range 76 - 114		Recovery = 99.16%			
36) Toluene-d8	10.93	98	495467	48.99	ug/l	0.03
Spiked Amount 50.000	Range 88 - 110		Recovery = 97.98%			
42) Bromofluorobenzene	17.36	95	177629	47.29	ug/l	0.03
Spiked Amount 50.000	Range 86 - 115		Recovery = 94.58%			
Target Compounds						Qvalue
37) Toluene	11.03	91	19308	1.38	ug/l	97

V-20

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

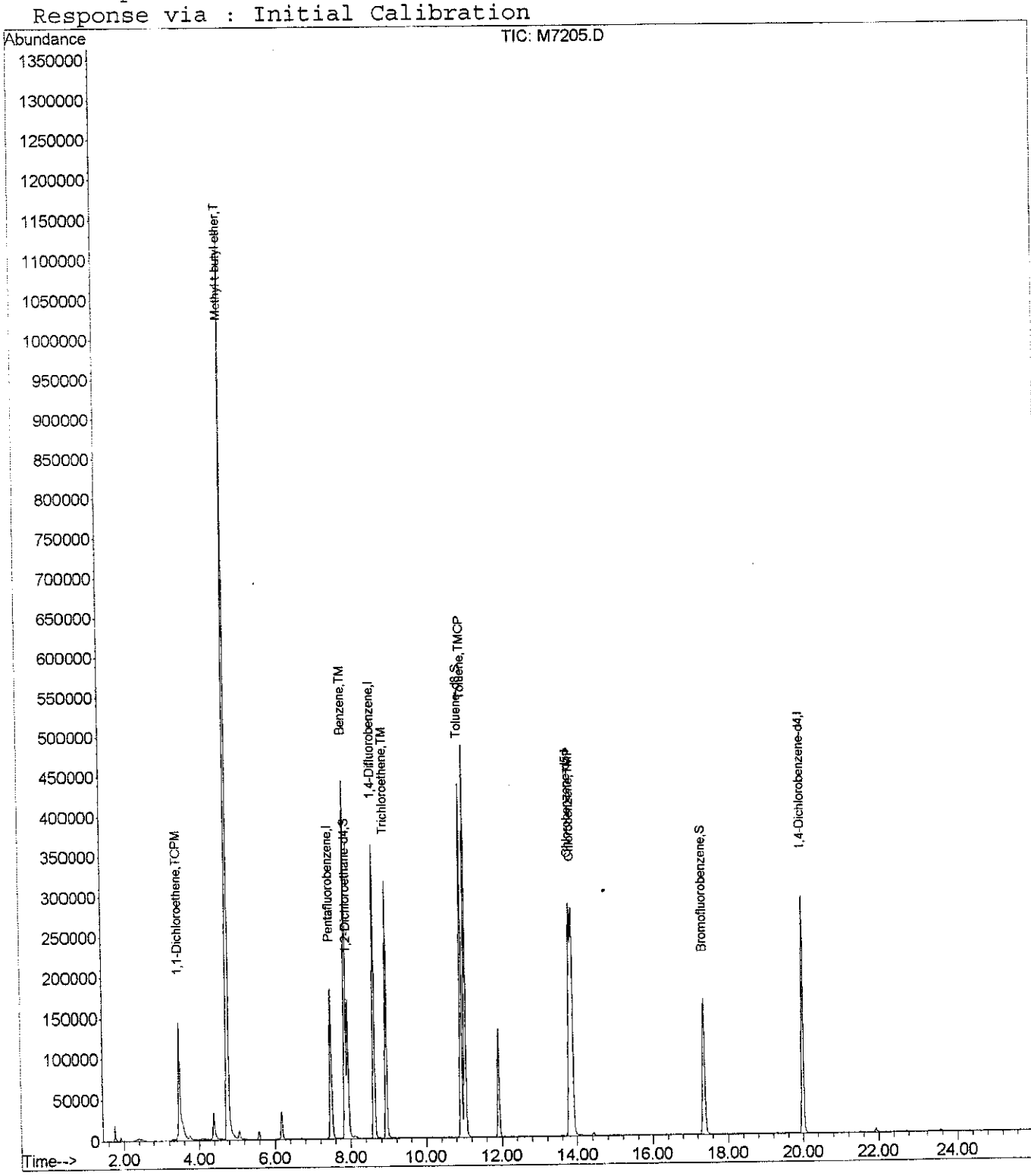
Quantitation Report

Data File : D:\M\DATA\JUL06\M0731\M7205.D
Acq On : 31 Jul 2006 19:39
Sample : 0607221
Misc : WATER 2931 MS A
MS Integration Params: rteint.p
Quant Time: Aug 1 14:18 2006

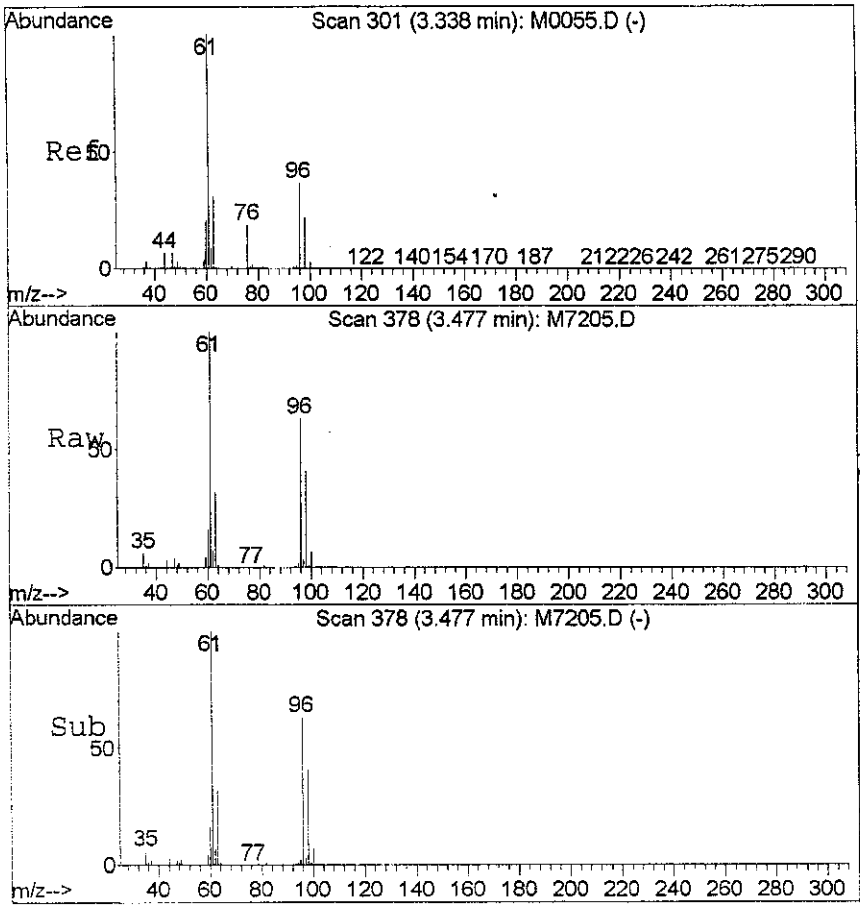
Vial: 10
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8A0703.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



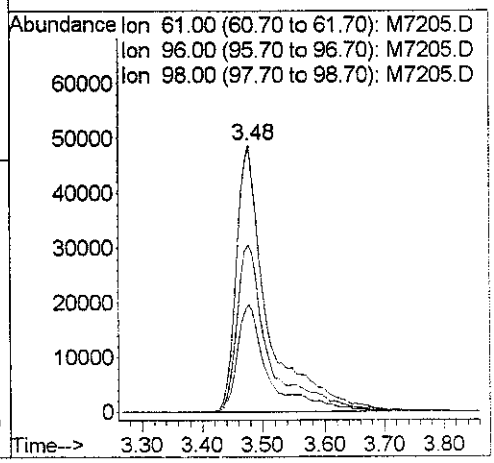
V-78

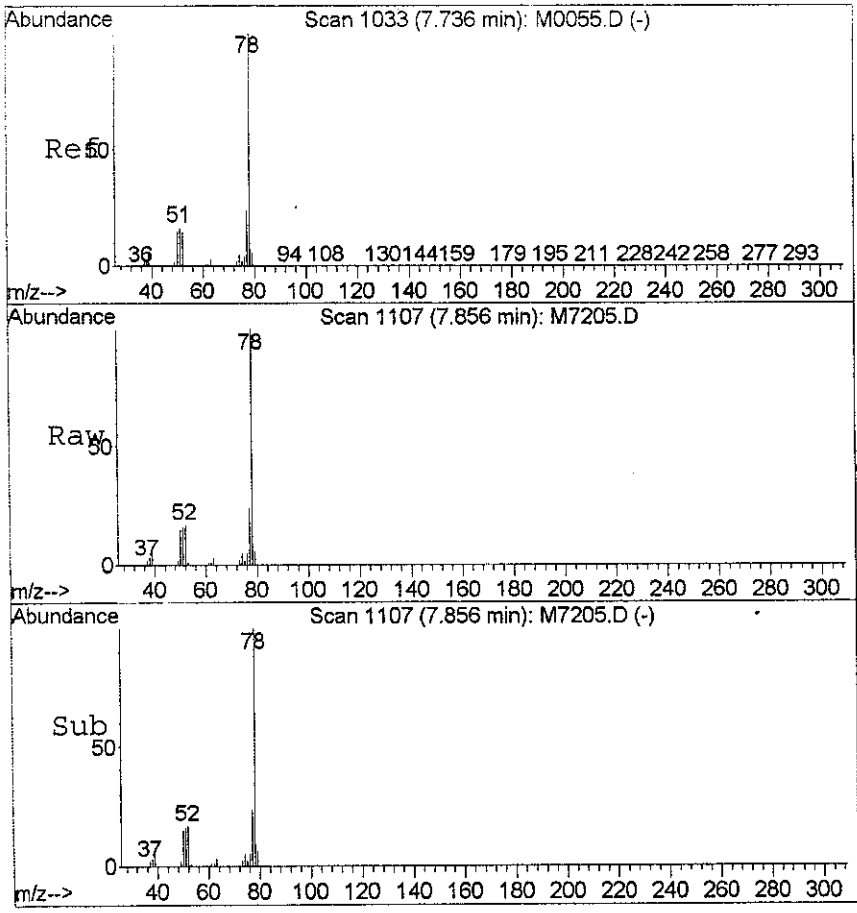


#11
1,1-Dichloroethene
Concen: 48.69 ug/l
RT: 3.48 min Scan# 378
Delta R.T. 0.03 min
Lab File: M7205.D
Acq: 31 Jul 2006 19:39

Tgt Ion: 61 Resp: 176114

Ion	Ratio	Lower	Upper
61	100		
96	62.7	32.3	72.3
98	40.5	12.1	52.1

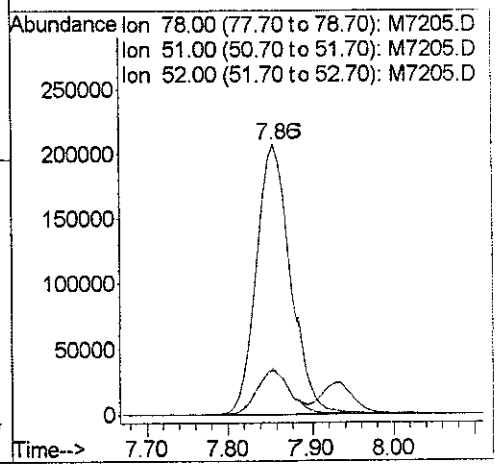




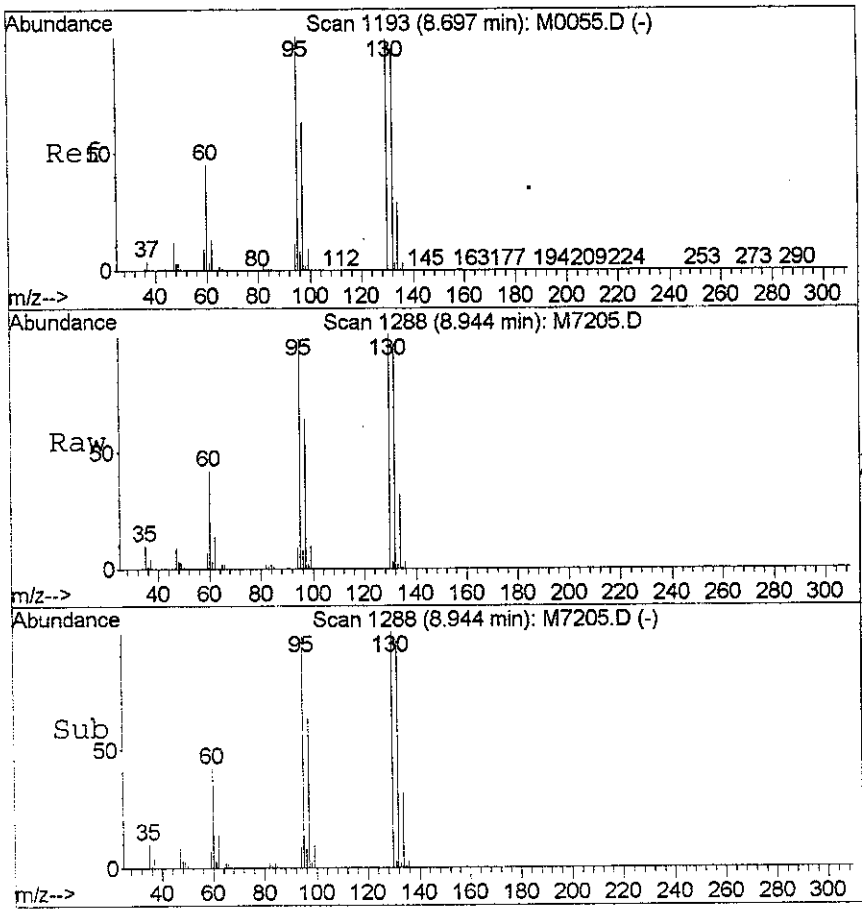
#29
Benzene
Concen: 45.46 ug/l
RT: 7.86 min Scan# 1107
Delta R.T. 0.02 min
Lab File: M7205.D
Acq: 31 Jul 2006 19:39

Tgt Ion: 78 Resp: 589164

Ion	Ratio	Lower	Upper
78	100		
51	16.4	0.0	35.1
52	17.0	0.0	36.3



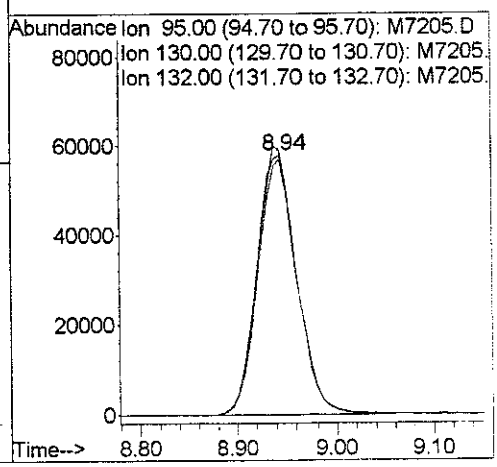
V-79

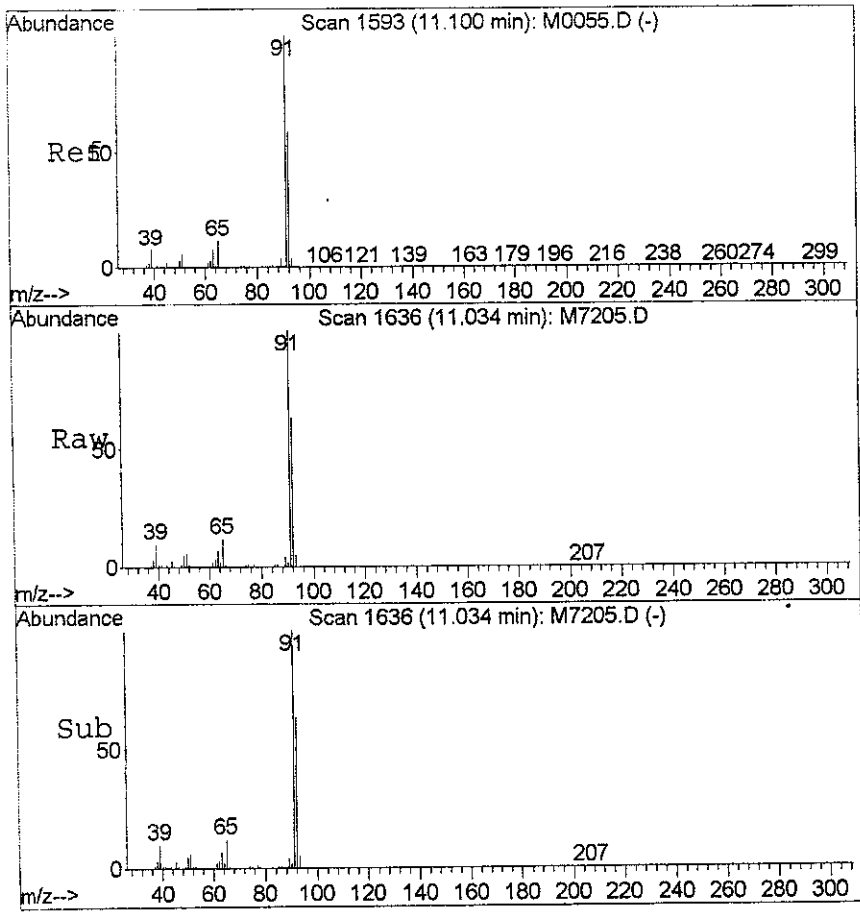


#30
Trichloroethene
Concen: 44.27 ug/l
RT: 8.94 min Scan# 1288
Delta R.T. 0.02 min
Lab File: M7205.D
Acq: 31 Jul 2006 19:39

Tgt Ion: 95 Resp: 160454

Ion	Ratio	Lower	Upper
95	100		
130	102.0	87.5	127.5
132	98.3	79.1	119.1

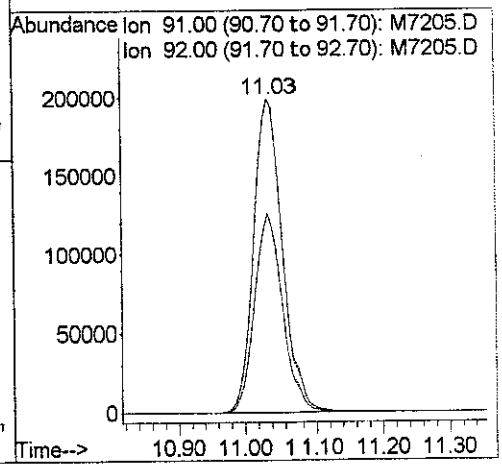




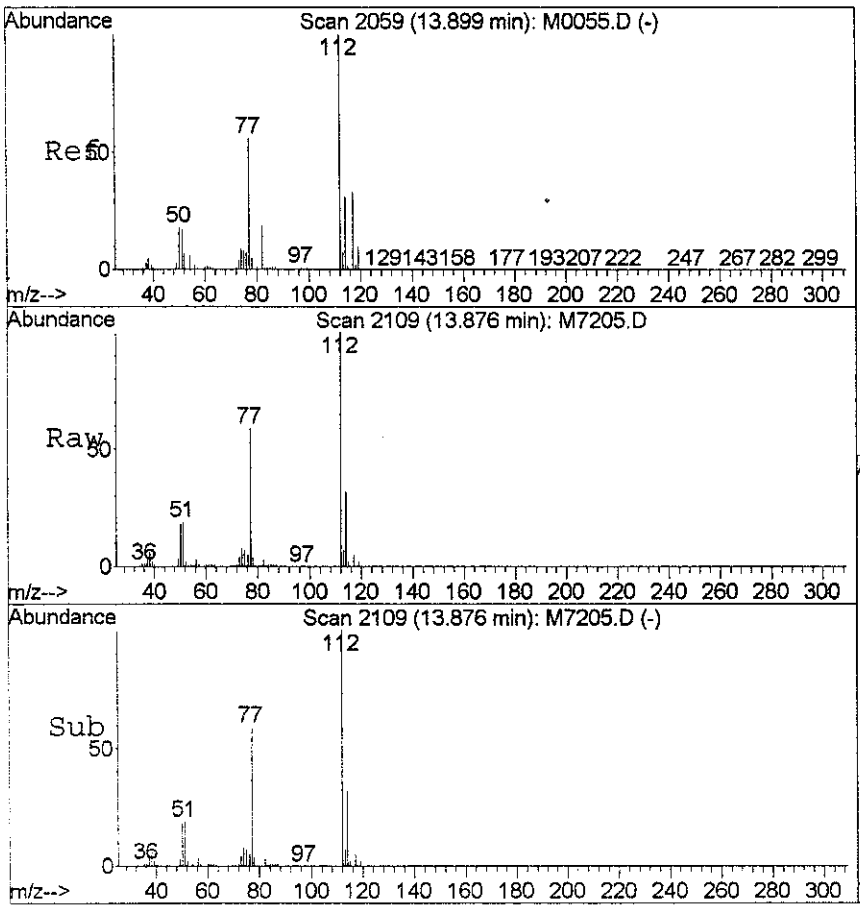
#37
Toluene
Concen: 43.90 ug/l
RT: 11.03 min Scan# 1636
Delta R.T. 0.03 min
Lab File: M7205.D
Acq: 31 Jul 2006 19:39

Tgt Ion: 91 Resp: 579965

Ion	Ratio	Lower	Upper
91	100		
92	63.2	42.2	82.2



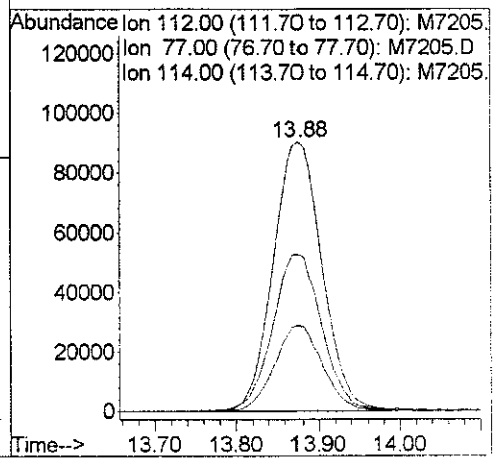
V-80

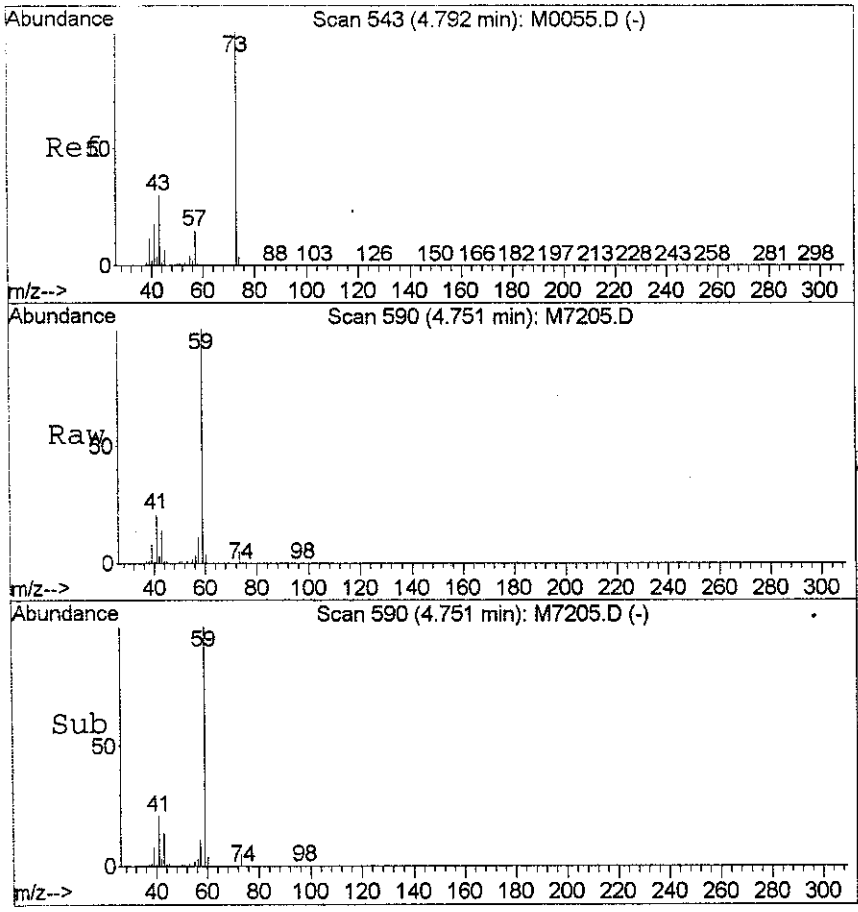


#49
Chlorobenzene
Concen: 41.66 ug/l
RT: 13.88 min Scan# 2109
Delta R.T. 0.04 min
Lab File: M7205.D
Acq: 31 Jul 2006 19:39

Tgt Ion:112 Resp: 367518

Ion	Ratio	Lower	Upper
112	100		
77	58.6	39.6	79.6
114	32.1	12.5	52.5

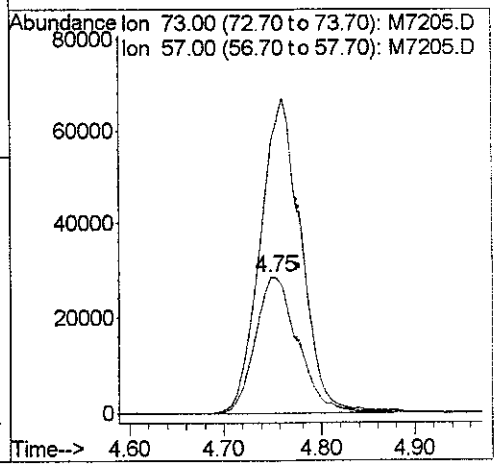




#77
Methyl t-butyl ether
Concen: 12.62 ug/l
RT: 4.75 min Scan# 590
Delta R.T. 0.01 min
Lab File: M7205.D
Acq: 31 Jul 2006 19:39

Tgt Ion: 73 Resp: 87553

Ion	Ratio	Lower	Upper
73	100		
57	202.3	6.1	46.1#



V-81

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0731\M7205.D
Acq On : 31 Jul 2006 19:39
Sample : 0607221
Misc : WATER 2931 MS A
MS Integration Params: rteint.p
Quant Time: Aug 1 14:18 2006

Vial: 10
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0703

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.48	168	199974	50.00	ug/l	0.03
24) 1,4-Difluorobenzene	8.61	114	444574	50.00	ug/l	0.02
43) Chlorobenzene-d5	13.81	117	387401	50.00	ug/l	0.04
55) 1,4-Dichlorobenzene-d4	19.99	152	146301	50.00	ug/l	0.03
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	7.93	65	158767	50.22	ug/l	0.02
Spiked Amount 50.000	Range 76 - 114		Recovery = 100.44%			
36) Toluene-d8	10.93	98	474748	49.56	ug/l	0.03
Spiked Amount 50.000	Range 88 - 110		Recovery = 99.12%			
42) Bromofluorobenzene	17.36	95	169237	47.57	ug/l	0.03
Spiked Amount 50.000	Range 86 - 115		Recovery = 95.14%			
Target Compounds						Qvalue
11) 1,1-Dichloroethene	3.48	61	176114	48.69	ug/l	85
29) Benzene	7.86	78	589164	45.46	ug/l	98
30) Trichloroethene	8.94	95	160454	44.27	ug/l	97
37) Toluene	11.03	91	579965	43.90	ug/l	99
49) Chlorobenzene	13.88	112	367518	41.66	ug/l	99
77) Methyl t-butyl ether	4.75	73	87553	12.62	ug/l #	1

V-82

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

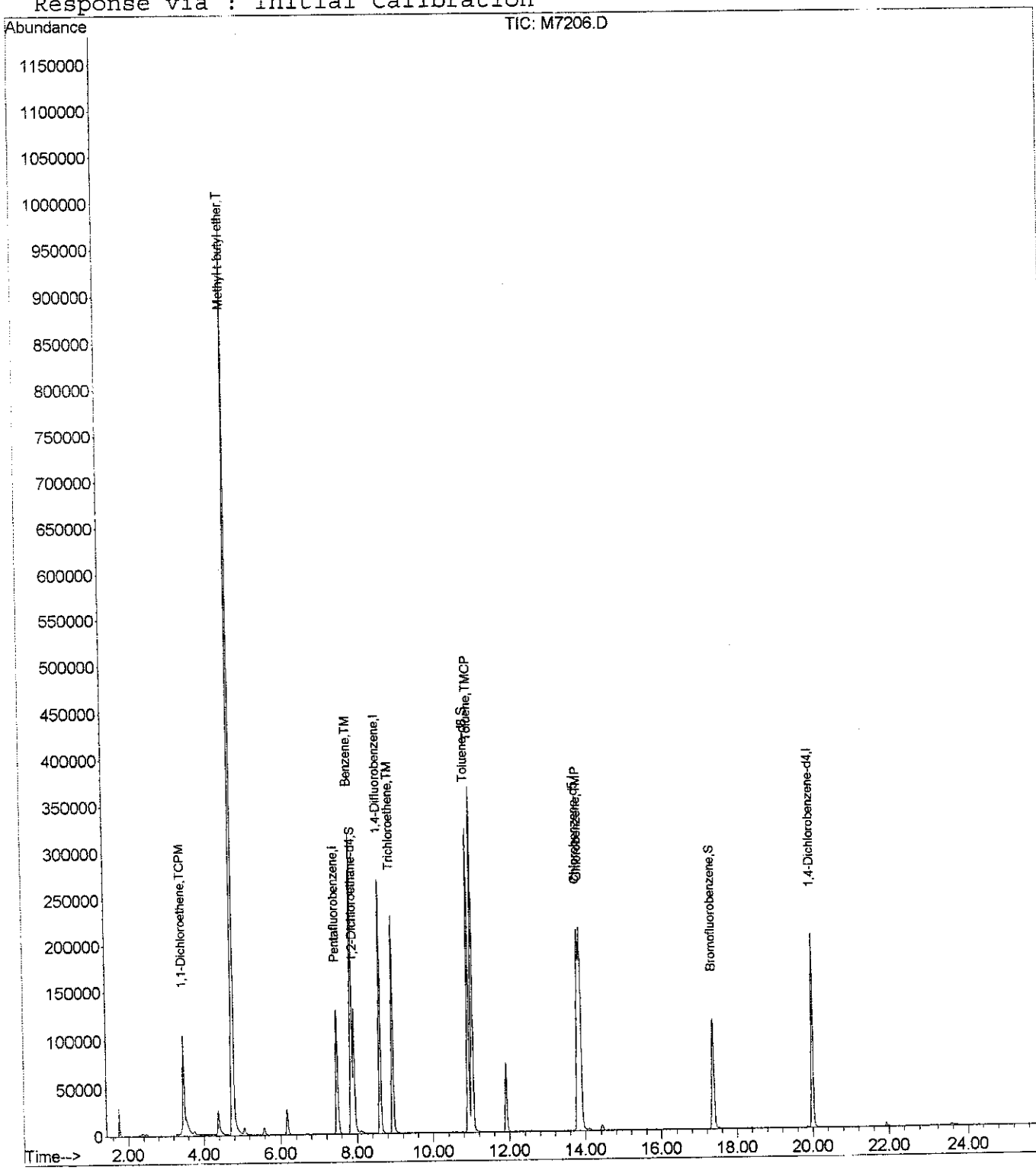
Quantitation Report

Data File : D:\M\DATA\JUL06\M0731\M7206.D
Acq On : 31 Jul 2006 20:12
Sample : 0607222
Misc : WATER 2931 MSD A
MS Integration Params: rteint.p
Quant Time: Aug 1 14:18 2006

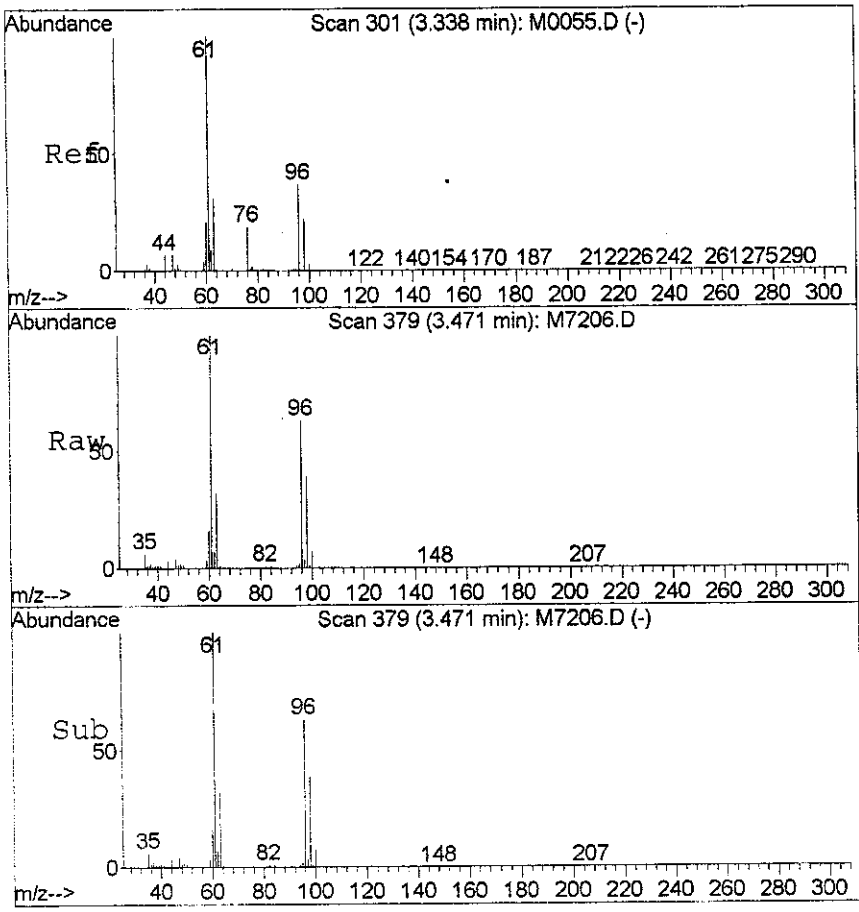
Vial: 11
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8A0703.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



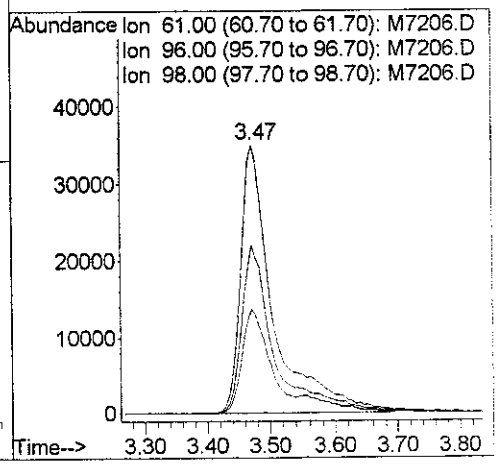
Y-83

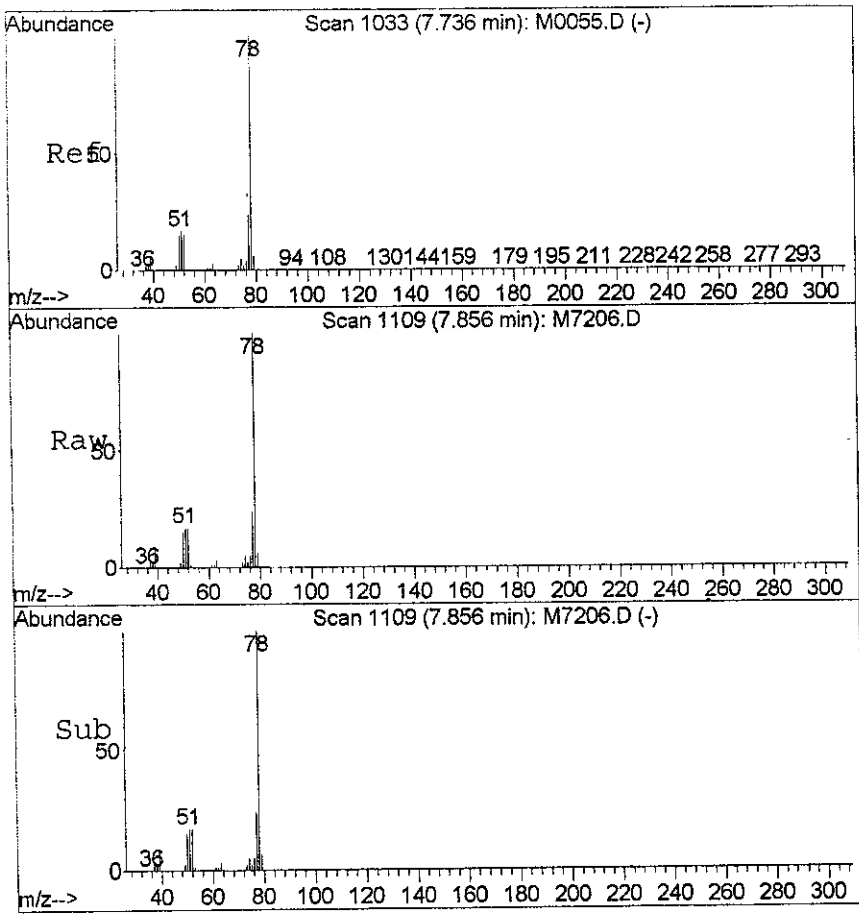


#11
1,1-Dichloroethene
Concen: 47.92 ug/l
RT: 3.47 min Scan# 379
Delta R.T. 0.02 min
Lab File: M7206.D
Acq: 31 Jul 2006 20:12

Tgt Ion: 61 Resp: 127409

Ion	Ratio	Lower	Upper
61	100		
96	62.8	32.3	72.3
98	39.1	12.1	52.1

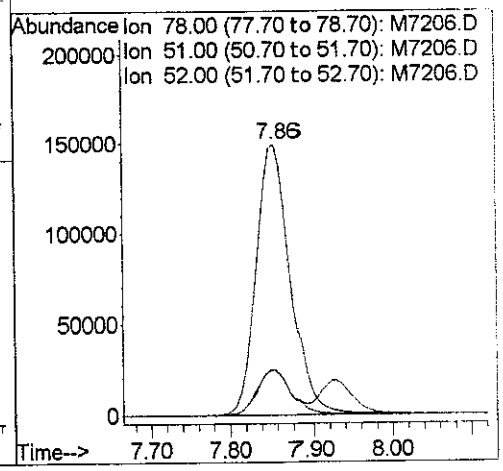




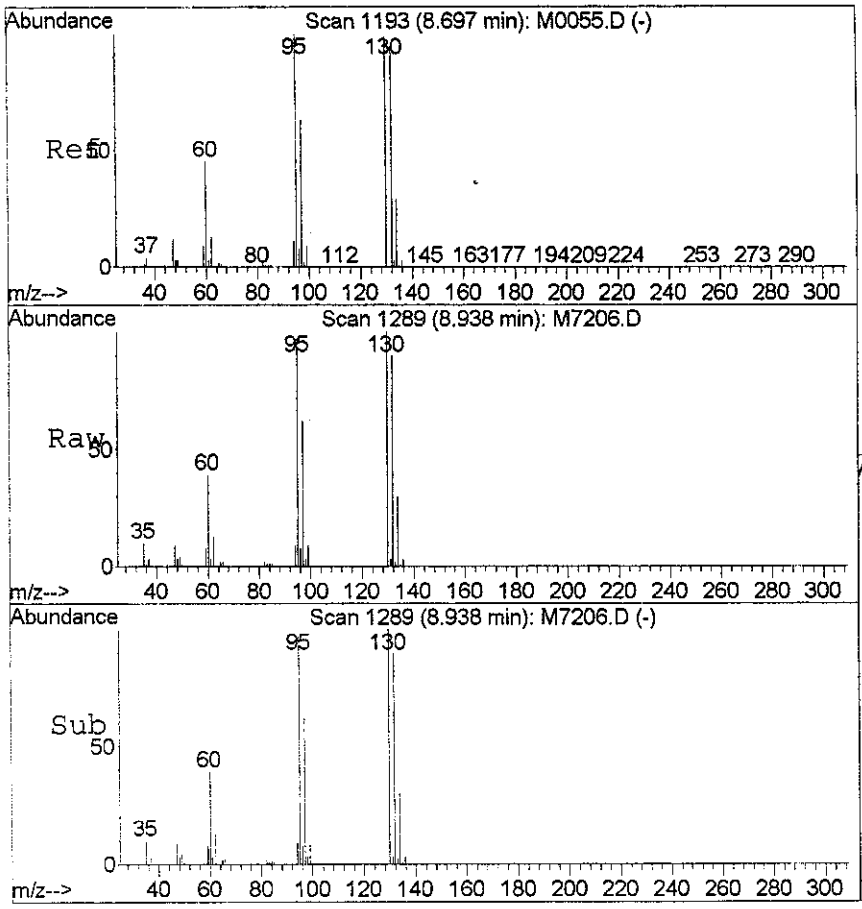
#29
Benzene
Concen: 44.45 ug/l
RT: 7.86 min Scan# 1109
Delta R.T. 0.02 min
Lab File: M7206.D
Acq: 31 Jul 2006 20:12

Tgt Ion: 78 Resp: 435927

Ion	Ratio	Lower	Upper
78	100		
51	16.7	0.0	35.1
52	16.7	0.0	36.3



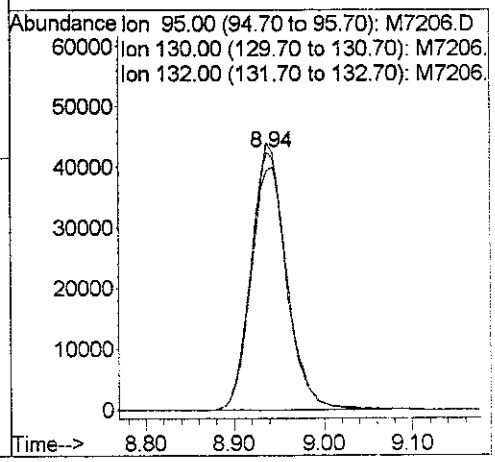
V-84

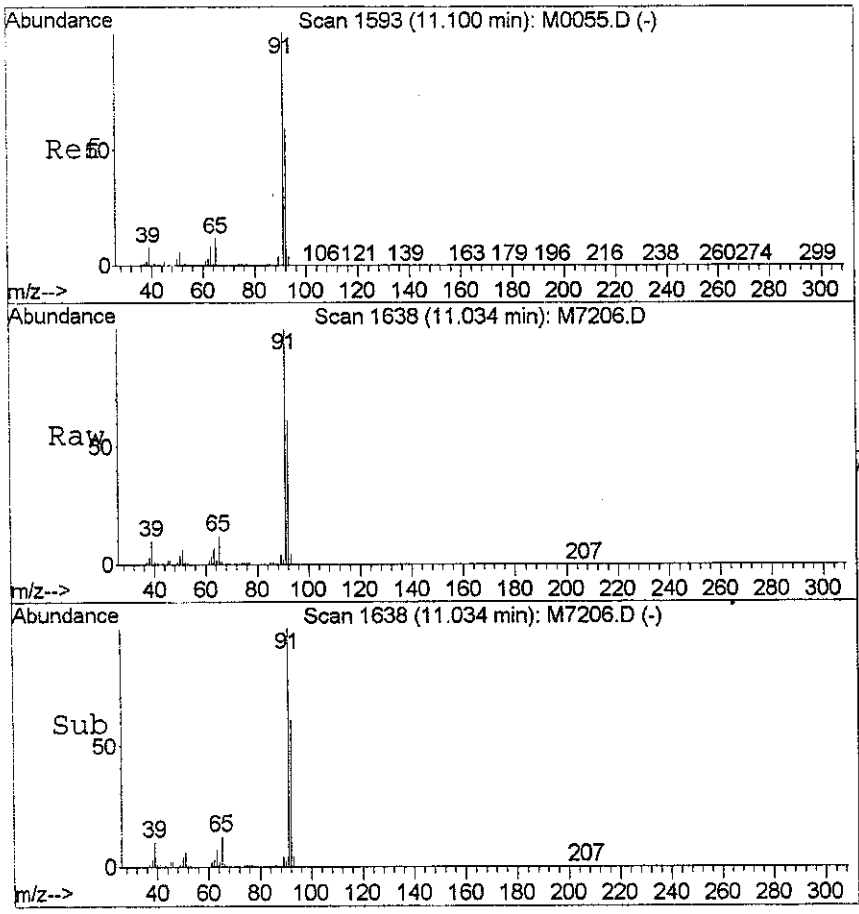


#30
Trichloroethene
Concen: 42.87 ug/l
RT: 8.94 min Scan# 1289
Delta R.T. 0.02 min
Lab File: M7206.D
Acq: 31 Jul 2006 20:12

Tgt Ion: 95 Resp: 117594

Ion	Ratio	Lower	Upper
95	100		
130	103.5	87.5	127.5
132	92.8	79.1	119.1

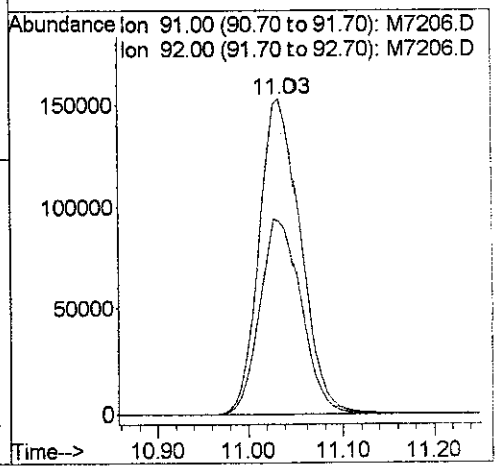




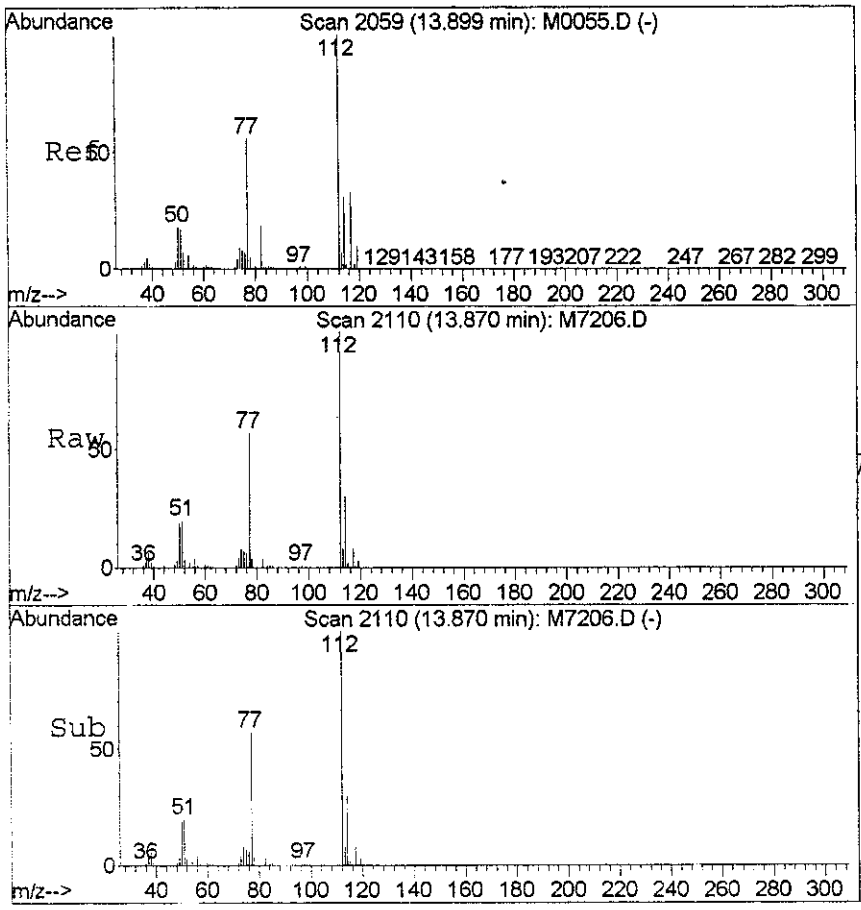
#37
Toluene
Concen: 45.36 ug/l
RT: 11.03 min Scan# 1638
Delta R.T. 0.03 min
Lab File: M7206.D
Acq: 31 Jul 2006 20:12

Tgt Ion: 91 Resp: 453519

Ion	Ratio	Lower	Upper
91	100		
92	60.7	42.2	82.2



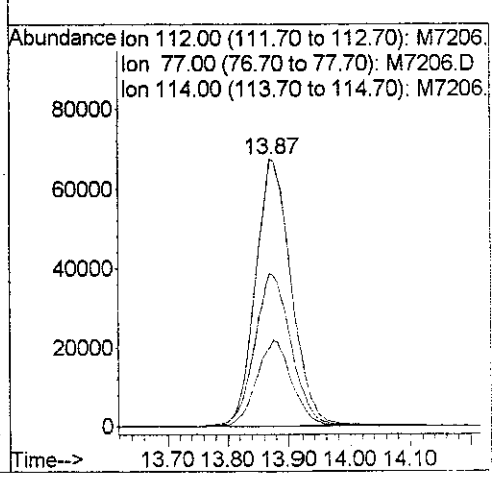
V-85

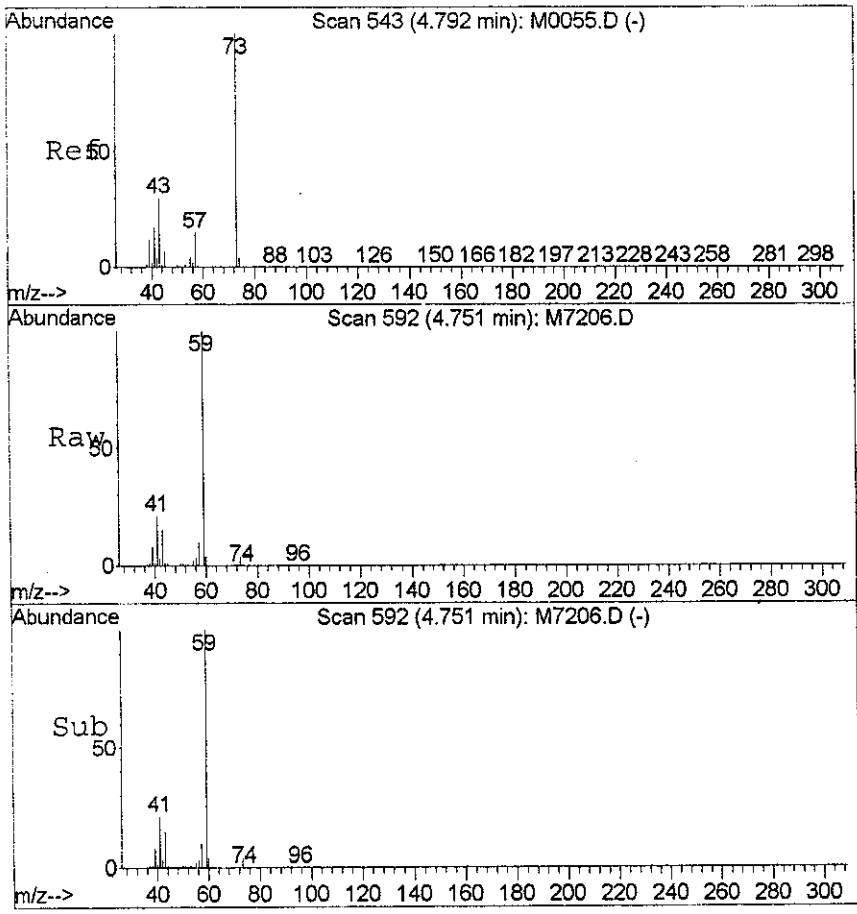


#49
Chlorobenzene
Concen: 41.09 ug/l
RT: 13.87 min Scan# 2110
Delta R.T. 0.03 min
Lab File: M7206.D
Acq: 31 Jul 2006 20:12

Tgt Ion:112 Resp: 274457

Ion	Ratio	Lower	Upper
112	100		
77	57.4	39.6	79.6
114	29.7	12.5	52.5

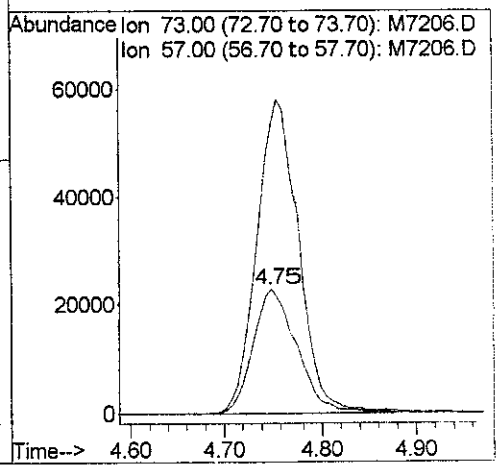




#77
Methyl t-butyl ether
Concen: 14.11 ug/l
RT: 4.75 min Scan# 592
Delta R.T. 0.01 min
Lab File: M7206.D
Acq: 31 Jul 2006 20:12

Tgt Ion: 73 Resp: 70075

Ion	Ratio	Lower	Upper
73	100		
57	234.4	6.1	46.1#



V-86

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0731\M7206.D Vial: 11
Acq On : 31 Jul 2006 20:12 Operator:
Sample : 0607222 Inst : GC/MS Ins
Misc : WATER 2931 MSD A Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 1 14:18 2006 Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0703

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.48	168	146997	50.00	ug/l	0.03
24) 1,4-Difluorobenzene	8.61	114	336436	50.00	ug/l	0.02
43) Chlorobenzene-d5	13.80	117	293332	50.00	ug/l	0.03
55) 1,4-Dichlorobenzene-d4	19.99	152	104755	50.00	ug/l	0.03
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	7.93	65	126216	52.75	ug/l	0.02
Spiked Amount 50.000	Range 76 - 114		Recovery = 105.50%			
36) Toluene-d8	10.93	98	353354	48.75	ug/l	0.03
Spiked Amount 50.000	Range 88 - 110		Recovery = 97.50%			
42) Bromofluorobenzene	17.37	95	120235	44.66	ug/l	0.04
Spiked Amount 50.000	Range 86 - 115		Recovery = 89.32%			
Target Compounds						Qvalue
11) 1,1-Dichloroethene	3.47	61	127409	47.92	ug/l	86
29) Benzene	7.86	78	435927	44.45	ug/l	98
30) Trichloroethene	8.94	95	117594	42.87	ug/l	95
37) Toluene	11.03	91	453519	45.36	ug/l	98
49) Chlorobenzene	13.87	112	274457	41.09	ug/l	96
77) Methyl t-butyl ether	4.75	73	70075	14.11	ug/l #	1

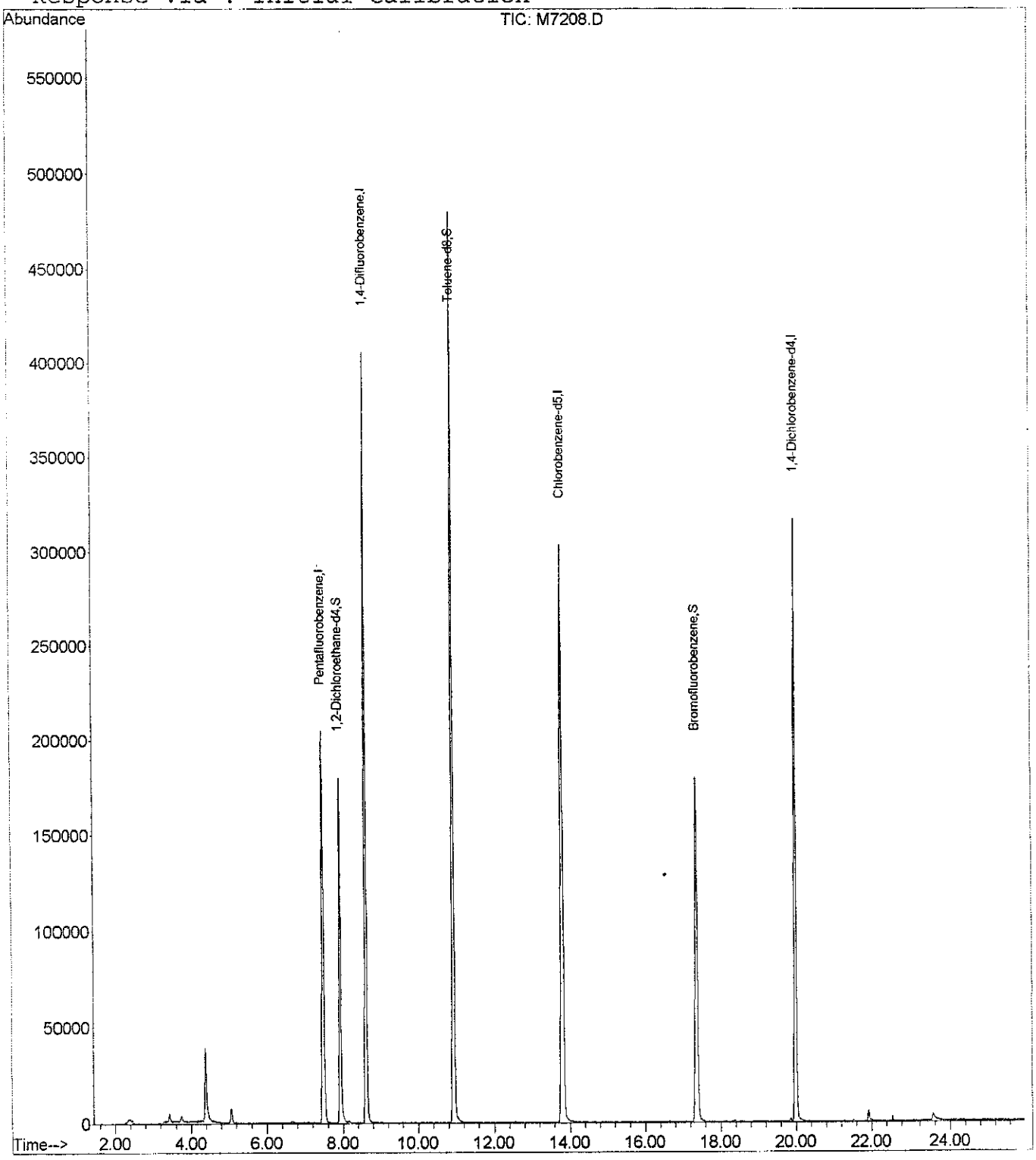
Y-80

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

Quantitation Report

Data File : D:\M\DATA\JUL06\M0731\M7208.D Vial: 13
Acq On : 31 Jul 2006 21:19 Operator:
Sample : 0607223 Inst : GC/MS Ins
Misc : WATER 2931 TRIPBLANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 1 14:20 2006 Quant Results File: VM8A0703.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0731\M7208.D Vial: 13
Acq On : 31 Jul 2006 21:19 Operator:
Sample : 0607223 Inst : GC/MS Ins
Misc : WATER 2931 TRIPBLANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 1 14:20 2006 Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0703

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.47	168	216385	50.00	ug/l	0.03
24) 1,4-Difluorobenzene	8.61	114	496120	50.00	ug/l	0.02
43) Chlorobenzene-d5	13.80	117	424925	50.00	ug/l	0.03
55) 1,4-Dichlorobenzene-d4	19.99	152	156798	50.00	ug/l	0.02
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	7.92	65	176581	50.05	ug/l	0.01
Spiked Amount 50.000	Range 76 - 114		Recovery = 100.10%			
36) Toluene-d8	10.92	98	522877	48.92	ug/l	0.02
Spiked Amount 50.000	Range 88 - 110		Recovery = 97.84%			
42) Bromofluorobenzene	17.36	95	183350	46.18	ug/l	0.03
Spiked Amount 50.000	Range 86 - 115		Recovery = 92.36%			

Target Compounds Qvalue

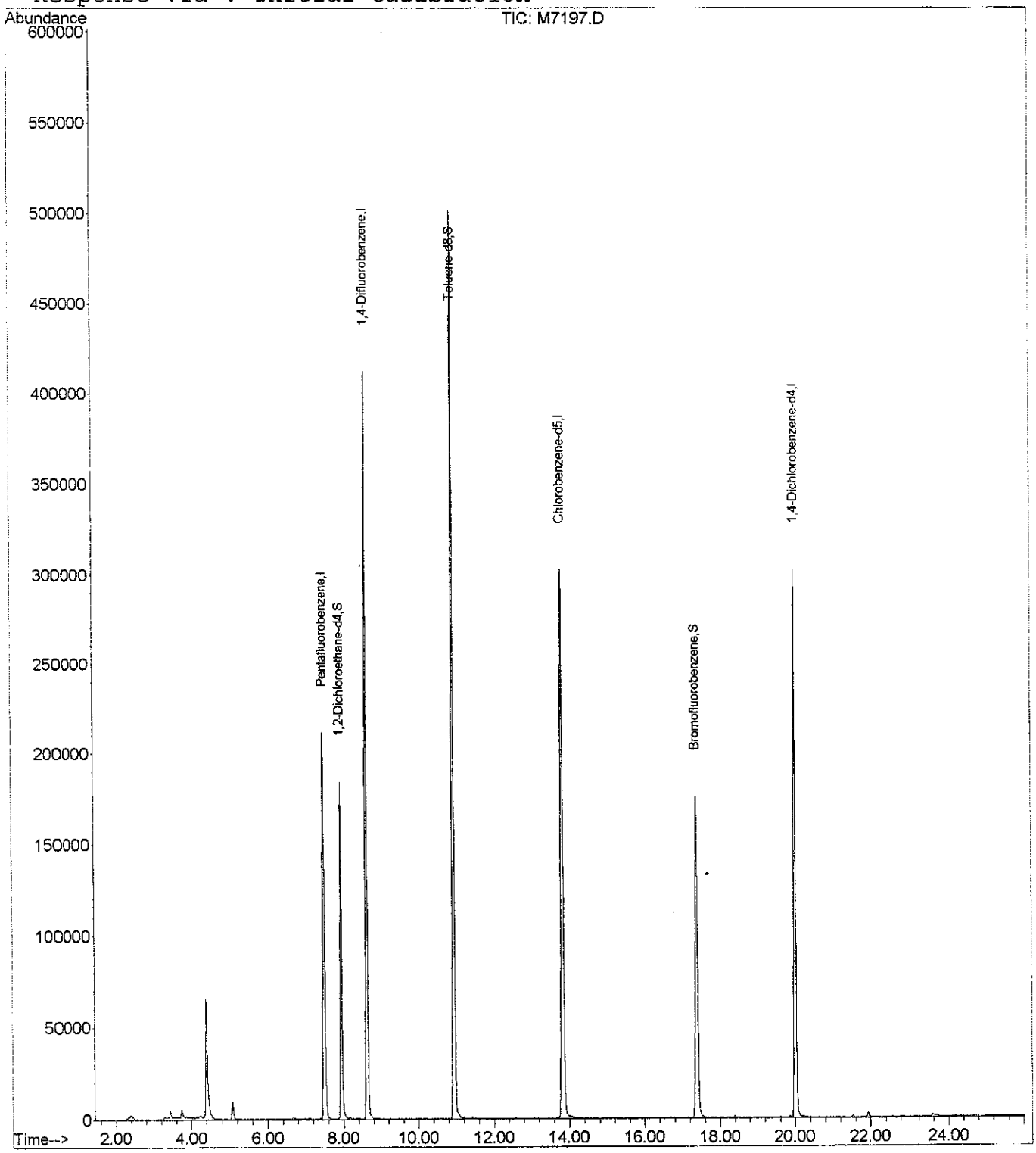
Y-89

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

Quantitation Report

Data File : D:\M\DATA\JUL06\M0731\M7197.D Vial: 2
Acq On : 31 Jul 2006 15:15 Operator:
Sample : 0607224 Inst : GC/MS Ins
Misc : WATER 2931 FIELDBLANK Multiplr: 1.00
MS Integration Params: rteint.p .
Quant Time: Aug 1 14:14 2006 Quant Results File: VM8A0703.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



Y-QC

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0731\M7197.D Vial: 2
Acq On : 31 Jul 2006 15:15 Operator:
Sample : 0607224 Inst : GC/MS Ins
Misc : WATER 2931 FIELDBLANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 1 14:14 2006 Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0703

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.49	168	230903	50.00	ug/l	0.04
24) 1,4-Difluorobenzene	8.63	114	514845	50.00	ug/l	0.04
43) Chlorobenzene-d5	13.83	117	435359	50.00	ug/l	0.05
55) 1,4-Dichlorobenzene-d4	20.00	152	152371	50.00	ug/l	0.04
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	7.94	65	181487	49.57	ug/l	0.03
Spiked Amount 50.000	Range 76 - 114		Recovery = 99.14%			
36) Toluene-d8	10.94	98	549378	49.53	ug/l	0.04
Spiked Amount 50.000	Range 88 - 110		Recovery = 99.06%			
42) Bromofluorobenzene	17.38	95	178999	43.45	ug/l	0.05
Spiked Amount 50.000	Range 86 - 115		Recovery = 86.90%			

Target Compounds Qvalue

V-91

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

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971M Calibration Date(s): 7/3/06 7/3/06

Heated Purge (Y/N): N Calibration Times: 10:02 12:28

GC Column: Rtx-624 ID: 0.18 (mm)

LAB FILE ID RRF10 = M6703.D RRF20 = M6702.D
RRF50 = M6701.D RRF100 = M6704.D RRF200 = M6705.D

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD	
Acrolein		0.155	0.144	0.127	0.133	0.144	0.141	7.9	
Acrylonitrile		0.693	0.647	0.591	0.576	0.581	0.618	8.2	
Acetone		0.389	0.359	0.256	0.232	0.220	0.291	26.5	
Dichlorodifluoromethane		0.786	0.748	0.741	0.663	0.632	0.714	8.9	
Chloromethane	*	0.814	0.781	0.752	0.785	0.738	0.774	3.9	*
Vinyl Chloride	*	0.927	0.877	0.877	0.895	0.891	0.893	2.3	*
Bromomethane		0.429	0.399	0.374	0.383	0.393	0.395	5.3	
Chloroethane		0.322	0.288	0.279	0.272	0.275	0.287	7.2	
Trichoroflouromethane		0.667	0.629	0.743	0.650	0.678	0.674	6.4	
1,1-Dichloroethene	*	1.026	0.884	0.887	0.857	0.868	0.904	7.6	*
Carbon disulfide		1.739	1.608	1.637	1.604	1.641	1.646	3.3	
Methylene Chloride		1.737	1.134	0.868	0.780	0.758	1.055	38.8	
trans-1,2-Dichloroethene		1.200	1.067	1.064	1.013	1.032	1.075	6.8	
1,1-Dichloroethane	*	1.479	1.310	1.295	1.265	1.274	1.325	6.7	*
Vinyl acetate		0.922	0.879	0.866	0.830	0.866	0.872	3.8	
2,2-Dichloropropane		1.257	1.144	1.178	1.101	1.140	1.164	5.0	
2-Butanone		0.438	0.415	0.369	0.366	0.365	0.391	8.7	
cis-1,2-Dichloroethene		1.249	1.117	1.103	1.073	1.099	1.128	6.1	
Chloroform	*	1.504	1.330	1.338	1.281	1.310	1.353	6.5	*
Bromochloromethane		0.623	0.564	0.565	0.536	0.558	0.569	5.7	
1,1,1-Trichloroethane		1.162	1.021	1.056	1.011	1.045	1.059	5.7	
T-butyl alcohol		0.092	0.097	0.079	0.078	0.074	0.084	12.0	
1,1-Dichloropropene		0.680	0.561	0.585	0.516	0.535	0.575	11.1	
Carbon Tetrachloride		0.424	0.374	0.387	0.372	0.376	0.386	5.6	
1,2-Dichloroethane		0.561	0.495	0.497	0.479	0.485	0.503	6.6	
Benzene		1.663	1.422	1.431	1.377	1.394	1.457	8.0	
Trichloroethene		0.460	0.395	0.399	0.390	0.394	0.408	7.2	
1,2-Dichloropropane	*	0.445	0.390	0.390	0.376	0.384	0.397	6.9	*
Bromodichloromethane		0.513	0.471	0.499	0.479	0.501	0.493	3.5	
Dibromomethane		0.247	0.226	0.234	0.219	0.222	0.230	4.8	
2-Chloroethylvinylether		0.234	0.227	0.229	0.234	0.236	0.232	1.5	
cis-1,3-dichloropropene		0.726	0.659	0.675	0.650	0.663	0.675	4.5	
Toluene	*	1.691	1.462	1.453	1.423	1.400	1.486	7.9	*
trans-1,3-Dichloropropene		0.640	0.588	0.601	0.589	0.595	0.603	3.6	
1,1,2-Trichloroethane		0.407	0.365	0.355	0.346	0.342	0.363	7.2	
4-Methyl-2-pentanone		0.391	0.376	0.335	0.340	0.324	0.353	8.1	
1,2-Dibromoethane		0.443	0.410	0.407	0.399	0.396	0.411	4.6	
2-Hexanone		0.295	0.303	0.264	0.267	0.263	0.278	6.8	
1,3-dichloropropane		0.869	0.760	0.766	0.733	0.759	0.777	6.8	

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

V-98

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971M Calibration Date(s): 7/3/06 7/3/06

Heated Purge (Y/N): N Calibration Times: 10:02 12:28

GC Column: Rtx-624 ID: 0.18 (mm)

LAB FILE ID RRF10 = M6703.D RRF20 = M6702.D
RRF50 = M6701.D RRF100 = M6704.D RRF200 = M6705.D

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD	
Tetrachloroethene		0.440	0.387	0.394	0.374	0.378	0.395	6.8	
Dibromochloromethane		0.430	0.419	0.438	0.432	0.449	0.434	2.6	
Ethylbenzene	*	2.064	1.832	1.851	1.797	1.803	1.870	5.9	*
Chlorobenzene	*	1.291	1.104	1.107	1.089	1.102	1.138	7.5	*
1,1,1,2-Tetrachloroethane		0.425	0.376	0.389	0.375	0.376	0.388	5.5	
m,p-Xylene		1.515	1.340	1.348	1.299	1.318	1.364	6.3	
o-Xylene		1.497	1.326	1.341	1.291	1.306	1.352	6.2	
Styrene		1.208	1.092	1.102	1.075	1.067	1.109	5.2	
Bromoform	*	0.205	0.211	0.223	0.230	0.232	0.220	5.4	*
Isopropylbenzene		4.396	3.811	3.935	3.810	3.897	3.970	6.2	
1,1,2,2-Tetrachloroethane	*	1.529	1.388	1.298	1.290	1.293	1.360	7.6	*
1,2,3-Trichloropropane		1.244	1.133	1.040	1.054	1.051	1.104	7.8	
n-Propyl benzene		5.741	5.038	5.173	4.966	5.091	5.202	6.0	
Bromobenzene		2.067	1.785	1.794	1.793	1.832	1.854	6.5	
1,3,5-Trimethylbenzene		3.624	3.212	3.319	3.156	3.163	3.295	5.9	
2-Chlorotoluene		3.504	3.035	3.055	2.991	3.056	3.128	6.8	
4-Chlorotoluene		3.775	3.376	3.405	3.334	3.357	3.449	5.3	
tert-Butylbenzene		3.220	2.866	2.935	2.806	2.876	2.941	5.5	
1,2,4-Trimethylbenzene		3.723	3.244	3.357	3.205	3.221	3.350	6.5	
sec-Butylbenzene		5.197	4.569	4.715	4.457	4.563	4.700	6.2	
p-Isopropyltoluene		4.077	3.593	3.739	3.525	3.591	3.705	6.0	
1,3-Dichlorobenzene		2.063	1.830	1.842	1.777	1.798	1.862	6.2	
1,4-Dichlorobenzene		2.092	1.850	1.867	1.780	1.807	1.879	6.6	
n-Butylbenzene		3.974	3.430	3.604	3.329	3.478	3.563	7.0	
1,2-Dichlorobenzene		1.883	1.625	1.658	1.609	1.634	1.682	6.8	
1,2-Dibromo-3-Chloropropane		0.208	0.221	0.206	0.203	0.219	0.211	3.8	
1,2,4-Trichlorobenzene		0.978	0.860	0.890	0.831	0.898	0.891	6.2	
Hexachlorobutadiene		0.457	0.380	0.409	0.358	0.399	0.401	9.2	
Naphthalene		2.946	2.812	2.621	2.518	2.761	2.731	6.1	
1,2,3-Trichlorobenzene		0.896	0.765	0.780	0.718	0.798	0.791	8.3	
Methyl t-butyl ether		2.648	2.294	2.338	2.221	2.351	2.370	6.9	
1,2-Dichloroethane-d4		0.397	0.353	0.352	0.335	0.340	0.356	6.9	
Toluene-d8		1.206	1.054	1.063	1.038	1.025	1.077	6.8	
Bromofluorobenzene		0.454	0.391	0.390	0.388	0.378	0.400	7.6	

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

V-93

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971D Calibration Date(s): 7/18/06 7/18/06

Heated Purge (Y/N): Y Calibration Times: 9:51 12:58

GC Column: Rtx-624 ID: 0.18 (mm)

LAB FILE ID RRF10 = D4105.D RRF20 = D4106.D
RRF50 = D4107.D RRF100 = D4108.D RRF200 = D4110.D

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD	
Acrolein		0.345	0.378	0.320	0.328	0.292	0.333	9.6	
Acrylonitrile		1.040	1.003	0.950	0.949	0.859	0.960	7.1	
Acetone		1.336	0.983	0.561	0.726	0.662	0.854	36.5	
Dichlorodifluoromethane		0.466	0.503	0.454	0.721	0.578	0.544	20.2	
Chloromethane	*	1.278	1.433	1.300	1.694	1.397	1.420	11.7	*
Vinyl Chloride	*	1.208	1.403	1.287	1.545	1.304	1.349	9.6	*
Bromomethane		0.353	0.399	0.352	0.429	0.372	0.381	8.6	
Chloroethane		0.195	0.211	0.189	0.234	0.205	0.207	8.3	
Trichoroflouromethane		0.840	0.976	0.869	0.998	0.741	0.885	11.9	
1,1-Dichloroethene	*	1.384	1.483	1.352	1.346	1.224	1.358	6.9	*
Carbon disulfide		2.593	2.688	2.645	2.561	2.366	2.570	4.8	
Methylene Chloride		9.887	4.065	2.715	2.017	1.616	4.060	83.4	
trans-1,2-Dichloroethene		1.351	1.376	1.380	1.369	1.302	1.355	2.4	
1,1-Dichloroethane	*	1.701	1.673	1.745	1.734	1.677	1.706	1.9	*
Vinyl acetate		1.407	1.403	1.500	1.597	1.577	1.497	6.1	
2,2-Dichloropropane		1.109	1.049	1.250	1.149	1.080	1.127	6.9	
2-Butanone		0.787	1.085	0.899	0.686	0.639	0.819	21.9	
cis-1,2-Dichloroethene		1.306	1.385	1.606	1.323	1.242	1.372	10.2	
Chloroform	*	1.262	1.608	1.466	1.519	1.491	1.469	8.7	*
Bromochloromethane		0.432	0.522	0.480	0.459	0.476	0.474	6.9	
1,1,1-Trichloroethane		0.800	1.061	0.988	1.023	1.014	0.977	10.5	
T-butyl alcohol		0.111	0.107	0.098	0.104	0.104	0.105	4.7	
1,1-Dichloropropene		0.205	0.213	0.183	0.184	0.190	0.195	6.9	
Carbon Tetrachloride		0.322	0.394	0.372	0.375	0.375	0.368	7.3	
1,2-Dichloroethane		0.561	0.596	0.525	0.539	0.558	0.556	4.8	
Benzene		2.047	2.126	1.830	1.811	1.687	1.900	9.5	
Trichloroethene		0.439	0.459	0.406	0.414	0.426	0.429	4.9	
1,2-Dichloropropane	*	0.641	0.681	0.596	0.603	0.598	0.624	6.0	*
Bromodichloromethane		0.542	0.584	0.527	0.539	0.550	0.548	3.9	
Dibromomethane		0.201	0.212	0.187	0.199	0.212	0.202	5.1	
2-Chloroethylvinylether		0.408	0.430	0.370	0.397	0.411	0.403	5.5	
cis-1,3-dichloropropene		0.851	0.912	0.793	0.811	0.793	0.832	6.1	
Toluene	*	1.843	1.877	1.607	1.567	1.478	1.674	10.5	*
trans-1,3-Dichloropropene		0.680	0.739	0.653	0.675	0.682	0.686	4.6	
1,1,2-Trichloroethane		0.387	0.417	0.364	0.376	0.380	0.385	5.2	
4-Methyl-2-pentanone		0.849	0.853	0.708	0.748	0.758	0.783	8.2	
1,2-Dibromoethane		0.377	0.404	0.358	0.369	0.389	0.379	4.7	
2-Hexanone		0.681	0.734	0.599	0.625	0.646	0.657	8.0	
1,3-dichloropropane		0.999	1.076	0.929	0.954	0.925	0.977	6.4	

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

Y-94

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: . SDG No.: _____

Instrument ID: HP5971D Calibration Date(s): 7/18/06 7/18/06

Heated Purge (Y/N): Y Calibration Times: 9:51 12:58

GC Column: Rtx-624 ID: 0.18 (mm)

LAB FILE ID RRF10 = D4105.D RRF20 = D4106.D
RRF50 = D4107.D RRF100 = D4108.D RRF200 = D4110.D

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD	
Tetrachloroethene		0.370	0.391	0.338	0.353	0.357	0.362	5.5	
Dibromochloromethane		0.371	0.408	0.361	0.389	0.396	0.385	5.0	
Ethylbenzene	*	2.299	2.389	2.008	1.994	1.738	2.086	12.5	*
Chlorobenzene	*	1.211	1.249	1.107	1.126	1.084	1.155	6.2	*
1,1,1,2-Tetrachloroethane		0.354	0.372	0.325	0.346	0.345	0.348	4.9	
m,p-Xylene		1.708	1.756	1.452	1.411	1.159	1.497	16.2	
o-Xylene		1.729	1.794	1.451	1.420	1.171	1.513	16.7	
Styrene		1.330	1.378	1.133	1.144	0.976	1.192	13.7	
Bromoform	*	0.208	0.209	0.194	0.221	0.239	0.214	7.8	*
Isopropylbenzene		4.272	4.609	4.063	3.985	3.747	4.135	7.8	
1,1,2,2-Tetrachloroethane	*	1.733	1.873	1.602	1.719	1.735	1.732	5.6	*
1,2,3-Trichloropropane		1.381	1.441	1.197	1.279	1.271	1.314	7.4	
n-Propyl benzene		6.209	6.599	5.685	5.445	4.769	5.741	12.3	
Bromobenzene		2.476	2.617	2.350	2.368	2.307	2.424	5.2	
1,3,5-Trimethylbenzene		3.735	3.935	3.382	3.315	3.201	3.514	8.8	
2-Chlorotoluene		3.732	3.911	3.391	3.430	3.251	3.543	7.6	
4-Chlorotoluene		4.197	4.296	3.705	3.713	3.494	3.881	8.9	
tert-Butylbenzene		3.002	3.178	2.839	2.797	2.722	2.908	6.3	
1,2,4-Trimethylbenzene		3.766	3.976	3.417	3.354	3.232	3.549	8.7	
sec-Butylbenzene		5.211	5.625	4.934	4.743	4.365	4.976	9.6	
p-Isopropyltoluene		3.829	4.058	3.446	3.351	3.201	3.577	9.9	
1,3-Dichlorobenzene		1.807	1.948	1.712	1.750	1.752	1.794	5.2	
1,4-Dichlorobenzene		1.828	1.960	1.697	1.725	1.745	1.791	5.9	
n-Butylbenzene		4.383	4.703	4.084	3.892	3.717	4.156	9.5	
1,2-Dichlorobenzene		1.716	1.801	1.572	1.603	1.616	1.662	5.7	
1,2-Dibromo-3-Chloropropane		0.210	0.219	0.188	0.242	0.257	0.223	12.2	
1,2,4-Trichlorobenzene		1.009	1.101	0.903	0.968	1.054	1.007	7.6	
Hexachlorobutadiene		0.382	0.452	0.407	0.413	0.467	0.424	8.2	
Naphthalene		3.323	3.427	2.424	3.012	2.972	3.032	12.9	
1,2,3-Trichlorobenzene		0.889	0.964	0.750	0.869	0.928	0.880	9.2	
Methyl t-butyl ether		3.633	2.677	2.534	2.446	2.248	2.708	19.9	
1,2-Dichloroethane-d4		0.390	0.403	0.349	0.359	0.374	0.375	5.8	
Toluene-d8		1.205	1.270	1.095	1.095	1.049	1.143	8.0	
Bromofluorobenzene		0.458	0.488	0.427	0.442	0.450	0.453	5.0	

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

Y-95

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971D Calibration Date: 7/31/06 Time: 9:26

Lab File ID: D4333.D Init. Calib. Date(s): 7/18/06 7/18/06

Heated Purge: (Y/N) Y Init. Calib. Times: 9:51 12:58

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	% D	MAX % D
Acrolein	0.333	0.253		23.8	
Acrylonitrile	0.960	1.073		-11.8	
Acetone	0.854	0.843		1.2	
Dichlorodifluoromethane	0.544	0.594		-9.2	
Chloromethane	1.420	1.638	0.100	-15.3	0.0
Vinyl Chloride	1.349	1.481	0.100	-9.8	20.0
Bromomethane	0.381	0.414		-8.7	
Chloroethane	0.207	0.218		-5.6	
Trichoroflouromethane	0.885	0.992		-12.1	
1,1-Dichloroethene	1.358	1.313	0.100	3.3	20.0
Carbon disulfide	2.570	2.366		8.0	
Methylene Chloride	4.060	1.973		51.4	
trans-1,2-Dichloroethene	1.355	1.419		-4.7	
1,1-Dichloroethane	1.706	1.819	0.100	-6.6	0.0
Vinyl acetate	1.497	1.629		-8.8	
2,2-Dichloropropane	1.127	1.083		4.0	
2-Butanone	0.819	0.713		13.0	
cis-1,2-Dichloroethene	1.372	1.252		8.8	
Chloroform	1.469	1.218	0.100	17.1	20.0
Bromochloromethane	0.474	0.467		1.4	
1,1,1-Trichloroethane	0.977	1.044		-6.8	
T-butyl alcohol	0.105	0.136		-30.1	
1,1-Dichloropropene	0.195	0.192		1.7	
Carbon Tetrachloride	0.368	0.378		-2.9	
1,2-Dichloroethane	0.556	0.592		-6.5	
Benzene	1.900	1.941		-2.1	
Trichloroethene	0.429	0.433		-1.0	
1,2-Dichloropropane	0.624	0.649	0.100	-4.0	20.0
Bromodichloromethane	0.548	0.565		-2.9	
Dibromomethane	0.202	0.202		-0.2	
2-Chloroethylvinylether	0.403	0.429		-6.3	
cis-1,3-dichloropropene	0.832	0.875		-5.2	
Toluene	1.674	1.726	0.100	-3.1	20.0
trans-1,3-Dichloropropene	0.686	0.737		-7.5	
1,1,2-Trichloroethane	0.385	0.416		-8.2	
4-Methyl-2-pentanone	0.783	0.825		-5.3	
1,2-Dibromoethane	0.379	0.391		-3.1	
2-Hexanone	0.657	0.729		-11.0	
1,3-dichloropropane	0.977	1.000		-2.4	

All other compounds must meet a minimum RRF of 0.010.

V-96

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971D Calibration Date: 7/31/06 Time: 9:26

Lab File ID: D4333.D Init. Calib. Date(s): 7/18/06 7/18/06

Heated Purge: (Y/N) Y Init. Calib. Times: 9:51 12:58

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	% D	MAX % D
Tetrachloroethene	0.362	0.377		-4.4	
Dibromochloromethane	0.385	0.410		-6.6	
Ethylbenzene	2.086	2.195	0.100	-5.2	20.0
Chlorobenzene	1.155	1.177	0.100	-1.9	0.0
1,1,1,2-Tetrachloroethane	0.348	0.362		-3.8	
m,p-Xylene	1.497	1.572		-5.0	
o-Xylene	1.513	1.578		-4.3	
Styrene	1.192	1.228		-3.0	
Bromoform	0.214	0.236	0.100	-10.2	0.0
Isopropylbenzene	4.135	4.019		2.8	
1,1,2,2-Tetrachloroethane	1.732	1.679	0.100	3.1	0.0
1,2,3-Trichloropropane	1.314	1.306		0.6	
n-Propyl benzene	5.741	5.690		0.9	
Bromobenzene	2.424	2.317		4.4	
1,3,5-Trimethylbenzene	3.514	3.466		1.3	
2-Chlorotoluene	3.543	3.486		1.6	
4-Chlorotoluene	3.881	3.841		1.0	
tert-Butylbenzene	2.908	2.937		-1.0	
1,2,4-Trimethylbenzene	3.549	3.498		1.4	
sec-Butylbenzene	4.976	5.016		-0.8	
p-Isopropyltoluene	3.577	3.655		-2.2	
1,3-Dichlorobenzene	1.794	1.829		-1.9	
1,4-Dichlorobenzene	1.791	1.815		-1.3	
n-Butylbenzene	4.156	4.336		-4.3	
1,2-Dichlorobenzene	1.662	1.698		-2.2	
1,2-Dibromo-3-Chloropropane	0.223	0.235		-5.5	
1,2,4-Trichlorobenzene	1.007	1.075		-6.7	
Hexachlorobutadiene	0.424	0.477		-12.5	
Naphthalene	3.032	3.156		-4.1	
1,2,3-Trichlorobenzene	0.880	0.934		-6.1	
Methyl t-butyl ether	2.708	2.429		10.3	
1,2-Dichloroethane-d4	0.375	0.382		-1.9	
Toluene-d8	1.143	1.190		-4.1	
Bromofluorobenzene	0.453	0.478		-5.5	

All other compounds must meet a minimum RRF of 0.010.

Y-90

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971M Calibration Date: 7/31/06 Time: 13:01

Lab File ID: M7193.D Init. Calib. Date(s): 7/3/06 7/3/06

Heated Purge: (Y/N) N Init. Calib. Times: 10:02 12:28

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	% D	MAX % D
Acrolein	0.141	0.055		61.2	
Acrylonitrile	0.618	0.343		44.5	
Acetone	0.291	0.173		40.6	
Dichlorodifluoromethane	0.714	0.528		26.1	
Chloromethane	0.774	0.833	0.100	-7.6	0.0
Vinyl Chloride	0.893	0.905	0.100	-1.3	20.0
Bromomethane	0.395	0.374		5.4	
Chloroethane	0.287	0.282		1.9	
Trichoroflouromethane	0.674	0.655		2.7	
1,1-Dichloroethene	0.904	0.895	0.100	1.0	20.0
Carbon disulfide	1.646	1.450		11.9	
Methylene Chloride	1.055	0.989		6.3	
trans-1,2-Dichloroethene	1.075	1.121		-4.2	
1,1-Dichloroethane	1.325	1.429	0.100	-7.8	0.0
Vinyl acetate	0.872	0.551		36.9	
2,2-Dichloropropane	1.164	1.146		1.5	
2-Butanone	0.391	0.191		51.1	
cis-1,2-Dichloroethene	1.128	1.132		-0.3	
Chloroform	1.353	1.419	0.100	-4.9	20.0
Bromochloromethane	0.569	0.509		10.6	
1,1,1-Trichloroethane	1.059	1.059		0.0	
T-butyl alcohol	0.084	0.039		53.2	
1,1-Dichloropropene	0.575	0.603		-4.9	
Carbon Tetrachloride	0.386	0.380		1.8	
1,2-Dichloroethane	0.503	0.411		18.5	
Benzene	1.457	1.518		-4.1	
Trichloroethene	0.408	0.421		-3.2	
1,2-Dichloropropane	0.397	0.410	0.100	-3.3	20.0
Bromodichloromethane	0.493	0.454		7.9	
Dibromomethane	0.230	0.186		19.2	
2-Chloroethylvinylether	0.232	0.156		32.8	
cis-1,3-dichloropropene	0.675	0.629		6.8	
Toluene	1.486	1.548	0.100	-4.2	20.0
trans-1,3-Dichloropropene	0.603	0.503		16.5	
1,1,2-Trichloroethane	0.363	0.292		19.6	
4-Methyl-2-pentanone	0.353	0.197		44.1	
1,2-Dibromoethane	0.411	0.302		26.6	
2-Hexanone	0.278	0.139		49.9	
1,3-dichloropropane	0.777	0.629		19.1	

All other compounds must meet a minimum RRF of 0.010.

V-98

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971M Calibration Date: 7/31/06 Time: 13:01

Lab File ID: M7193.D Init. Calib. Date(s): 7/3/06 7/3/06

Heated Purge: (Y/N) N Init. Calib. Times: 10:02 12:28

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	% D	MAX % D
Tetrachloroethene	0.395	0.400		-1.4	
Dibromochloromethane	0.434	0.354		18.3	
Ethylbenzene	1.870	1.937	0.100	-3.6	20.0
Chlorobenzene	1.138	1.140	0.100	-0.1	0.0
1,1,1,2-Tetrachloroethane	0.388	0.378		2.7	
m,p-Xylene	1.364	1.395		-2.3	
o-Xylene	1.352	1.360		-0.6	
Styrene	1.109	1.114		-0.4	
Bromoform	0.220	0.143	0.100	35.1	0.0
Isopropylbenzene	3.970	4.123		-3.9	
1,1,2,2-Tetrachloroethane	1.360	0.898	0.100	33.9	0.0
1,2,3-Trichloropropane	1.104	0.708		35.9	
n-Propyl benzene	5.202	5.434		-4.5	
Bromobenzene	1.854	1.841		0.7	
1,3,5-Trimethylbenzene	3.295	3.414		-3.6	
2-Chlorotoluene	3.128	3.252		-4.0	
4-Chlorotoluene	3.449	3.602		-4.4	
tert-Butylbenzene	2.941	2.968		-0.9	
1,2,4-Trimethylbenzene	3.350	3.430		-2.4	
sec-Butylbenzene	4.700	4.791		-1.9	
p-Isopropyltoluene	3.705	3.692		0.4	
1,3-Dichlorobenzene	1.862	1.854		0.5	
1,4-Dichlorobenzene	1.879	1.837		2.2	
n-Butylbenzene	3.563	3.550		0.4	
1,2-Dichlorobenzene	1.682	1.584		5.8	
1,2-Dibromo-3-Chloropropane	0.211	0.092		56.6	
1,2,4-Trichlorobenzene	0.891	0.761		14.7	
Hexachlorobutadiene	0.401	0.369		8.0	
Naphthalene	2.731	1.559		42.9	
1,2,3-Trichlorobenzene	0.791	0.596		24.7	
Methyl t-butyl ether	2.370	1.782		24.8	
1,2-Dichloroethane-d4	0.356	0.286		19.7	
Toluene-d8	1.077	1.096		-1.7	
Bromofluorobenzene	0.400	0.378		5.6	

All other compounds must meet a minimum RRF of 0.010.

Y-99

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971D Calibration Date: 8/1/06 Time: 9:59

Lab File ID: D4358.D Init. Calib. Date(s): 7/18/06 7/18/06

Heated Purge: (Y/N) Y Init. Calib. Times: 9:51 12:58

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	% D	MAX % D
Acrolein	0.333	0.390		-17.2	
Acrylonitrile	0.960	1.157		-20.5	
Acetone	0.854	0.771		9.7	
Dichlorodifluoromethane	0.544	0.616		-13.1	
Chloromethane	1.420	1.561	0.100	-9.9	0.0
Vinyl Chloride	1.349	1.379	0.100	-2.2	20.0
Bromomethane	0.381	0.455		-19.3	
Chloroethane	0.207	0.260		-25.8	
Trichoroflouromethane	0.885	0.799		9.7	
1,1-Dichloroethene	1.358	1.621	0.100	-19.4	20.0
Carbon disulfide	2.570	3.664		-42.5	
Methylene Chloride	4.060	2.693		33.7	
trans-1,2-Dichloroethene	1.355	1.613		-19.0	
1,1-Dichloroethane	1.706	2.007	0.100	-17.6	0.0
Vinyl acetate	1.497	3.643		-143.4	
2,2-Dichloropropane	1.127	1.220		-8.2	
2-Butanone	0.819	0.930		-13.6	
cis-1,2-Dichloroethene	1.372	1.531		-11.5	
Chloroform	1.469	1.484	0.100	-1.0	20.0
Bromochloromethane	0.474	0.501		-5.8	
1,1,1-Trichloroethane	0.977	0.994		-1.7	
T-butyl alcohol	0.105	0.115		-10.2	
1,1-Dichloropropene	0.195	0.180		7.8	
Carbon Tetrachloride	0.368	0.335		8.9	
1,2-Dichloroethane	0.556	0.548		1.4	
Benzene	1.900	1.850		2.7	
Trichloroethene	0.429	0.397		7.5	
1,2-Dichloropropane	0.624	0.609	0.100	2.3	20.0
Bromodichloromethane	0.548	0.503		8.3	
Dibromomethane	0.202	0.180		10.7	
2-Chloroethylvinylether	0.403	0.411		-1.9	
cis-1,3-dichloropropene	0.832	0.794		4.5	
Toluene	1.674	1.564	0.100	6.6	20.0
trans-1,3-Dichloropropene	0.686	0.651		5.1	
1,1,2-Trichloroethane	0.385	0.364		5.4	
4-Methyl-2-pentanone	0.783	0.778		0.7	
1,2-Dibromoethane	0.379	0.351		7.6	
2-Hexanone	0.657	0.679		-3.4	
1,3-dichloropropane	0.977	0.948		2.9	

All other compounds must meet a minimum RRF of 0.010.

Y-100

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971D Calibration Date: 8/1/06 Time: 9:59

Lab File ID: D4358.D Init. Calib. Date(s): 7/18/06 7/18/06

Heated Purge: (Y/N) Y Init. Calib. Times: 9:51 12:58

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	% D	MAX % D
Tetrachloroethene	0.362	0.323		10.7	
Dibromochloromethane	0.385	0.368		4.5	
Ethylbenzene	2.086	1.946	0.100	6.7	20.0
Chlorobenzene	1.155	1.068	0.100	7.6	0.0
1,1,1,2-Tetrachloroethane	0.348	0.321		7.8	
m,p-Xylene	1.497	1.377		8.0	
o-Xylene	1.513	1.443		4.6	
Styrene	1.192	1.135		4.8	
Bromoform	0.214	0.196	0.100	8.8	0.0
Isopropylbenzene	4.135	3.545		14.3	
1,1,2,2-Tetrachloroethane	1.732	1.648	0.100	4.9	0.0
1,2,3-Trichloropropane	1.314	1.257		4.3	
n-Propyl benzene	5.741	4.792		16.5	
Bromobenzene	2.424	2.236		7.8	
1,3,5-Trimethylbenzene	3.514	2.763		21.4	
2-Chlorotoluene	3.543	3.058		13.7	
4-Chlorotoluene	3.881	3.331		14.2	
tert-Butylbenzene	2.908	2.357		18.9	
1,2,4-Trimethylbenzene	3.549	2.802		21.0	
sec-Butylbenzene	4.976	3.976		20.1	
p-Isopropyltoluene	3.577	2.791		22.0	
1,3-Dichlorobenzene	1.794	1.535		14.4	
1,4-Dichlorobenzene	1.791	1.496		16.5	
n-Butylbenzene	4.156	3.216		22.6	
1,2-Dichlorobenzene	1.662	1.444		13.1	
1,2-Dibromo-3-Chloropropane	0.223	0.207		7.0	
1,2,4-Trichlorobenzene	1.007	0.766		23.9	
Hexachlorobutadiene	0.424	0.352		17.1	
Naphthalene	3.032	2.576		15.0	
1,2,3-Trichlorobenzene	0.880	0.694		21.1	
Methyl t-butyl ether	2.708	2.828		-4.4	
1,2-Dichloroethane-d4	0.375	0.427		-13.8	
Toluene-d8	1.143	1.252		-9.6	
Bromofluorobenzene	0.453	0.453		-0.1	

All other compounds must meet a minimum RRF of 0.010.

V-101

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971M Calibration Date: 8/3/06 Time: 9:48

Lab File ID: M7283.D Init. Calib. Date(s): 7/3/06 7/3/06

Heated Purge: (Y/N) N Init. Calib. Times: 10:02 12:28

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Acrolein	0.141	0.133		5.8	
Acrylonitrile	0.618	0.578		6.5	
Acetone	0.291	0.227		22.0	
Dichlorodifluoromethane	0.714	0.519		27.3	
Chloromethane	0.774	0.770	0.100	0.5	0.0
Vinyl Chloride	0.893	0.803	0.100	10.1	20.0
Bromomethane	0.395	0.352		11.1	
Chloroethane	0.287	0.266		7.2	
Trichoroflouromethane	0.674	0.551		18.3	
1,1-Dichloroethene	0.904	0.882	0.100	2.5	20.0
Carbon disulfide	1.646	1.891		-14.9	
Methylene Chloride	1.055	0.935		11.4	
trans-1,2-Dichloroethene	1.075	1.063		1.1	
1,1-Dichloroethane	1.325	1.290	0.100	2.6	0.0
Vinyl acetate	0.872	1.219		-39.7	
2,2-Dichloropropane	1.164	1.003		13.9	
2-Butanone	0.391	0.344		12.0	
cis-1,2-Dichloroethene	1.128	1.082		4.1	
Chloroform	1.353	1.227	0.100	9.3	20.0
Bromochloromethane	0.569	0.516		9.4	
1,1,1-Trichloroethane	1.059	0.908		14.2	
T-butyl alcohol	0.084	0.062		26.0	
1,1-Dichloropropene	0.575	0.546		5.1	
Carbon Tetrachloride	0.386	0.322		16.7	
1,2-Dichloroethane	0.503	0.433		14.0	
Benzene	1.457	1.357		6.9	
Trichloroethene	0.408	0.371		9.1	
1,2-Dichloropropane	0.397	0.372	0.100	6.3	20.0
Bromodichloromethane	0.493	0.413		16.2	
Dibromomethane	0.230	0.199		13.1	
2-Chloroethylvinylether	0.232	0.244		-5.1	
cis-1,3-dichloropropene	0.675	0.589		12.8	
Toluene	1.486	1.366	0.100	8.1	20.0
trans-1,3-Dichloropropene	0.603	0.507		15.9	
1,1,2-Trichloroethane	0.363	0.321		11.7	
4-Methyl-2-pentanone	0.353	0.321		9.2	
1,2-Dibromoethane	0.411	0.354		13.8	
2-Hexanone	0.278	0.245		11.9	
1,3-dichloropropane	0.777	0.700		10.0	

All other compounds must meet a minimum RRF of 0.010.

Y-103

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971M Calibration Date: 8/3/06 Time: 9:48

Lab File ID: M7283.D Init. Calib. Date(s): 7/3/06 7/3/06

Heated Purge: (Y/N) N Init. Calib. Times: 10:02 12:28

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	% D	MAX % D
Tetrachloroethene	0.395	0.357		9.5	
Dibromochloromethane	0.434	0.363		16.3	
Ethylbenzene	1.870	1.742	0.100	6.8	20.0
Chlorobenzene	1.138	1.030	0.100	9.5	0.0
1,1,1,2-Tetrachloroethane	0.388	0.340		12.4	
m,p-Xylene	1.364	1.225		10.2	
o-Xylene	1.352	1.239		8.3	
Styrene	1.109	1.034		6.8	
Bromoform	0.220	0.174	0.100	20.9	0.0
Isopropylbenzene	3.970	3.782		4.7	
1,1,2,2-Tetrachloroethane	1.360	1.184	0.100	12.9	0.0
1,2,3-Trichloropropane	1.104	0.991		10.2	
n-Propyl benzene	5.202	4.826		7.2	
Bromobenzene	1.854	1.803		2.7	
1,3,5-Trimethylbenzene	3.295	3.079		6.6	
2-Chlorotoluene	3.128	2.907		7.1	
4-Chlorotoluene	3.449	3.180		7.8	
tert-Butylbenzene	2.941	2.633		10.5	
1,2,4-Trimethylbenzene	3.350	3.116		7.0	
sec-Butylbenzene	4.700	4.262		9.3	
p-Isopropyltoluene	3.705	3.282		11.4	
1,3-Dichlorobenzene	1.862	1.671		10.3	
1,4-Dichlorobenzene	1.879	1.679		10.6	
n-Butylbenzene	3.563	3.248		8.8	
1,2-Dichlorobenzene	1.682	1.503		10.7	
1,2-Dibromo-3-Chloropropane	0.211	0.149		29.3	
1,2,4-Trichlorobenzene	0.891	0.790		11.4	
Hexachlorobutadiene	0.401	0.341		14.8	
Naphthalene	2.731	2.239		18.0	
1,2,3-Trichlorobenzene	0.791	0.687		13.2	
Methyl t-butyl ether	2.370	2.283		3.7	
1,2-Dichloroethane-d4	0.356	0.345		3.0	
Toluene-d8	1.077	1.145		-6.3	
Bromofluorobenzene	0.400	0.394		1.5	

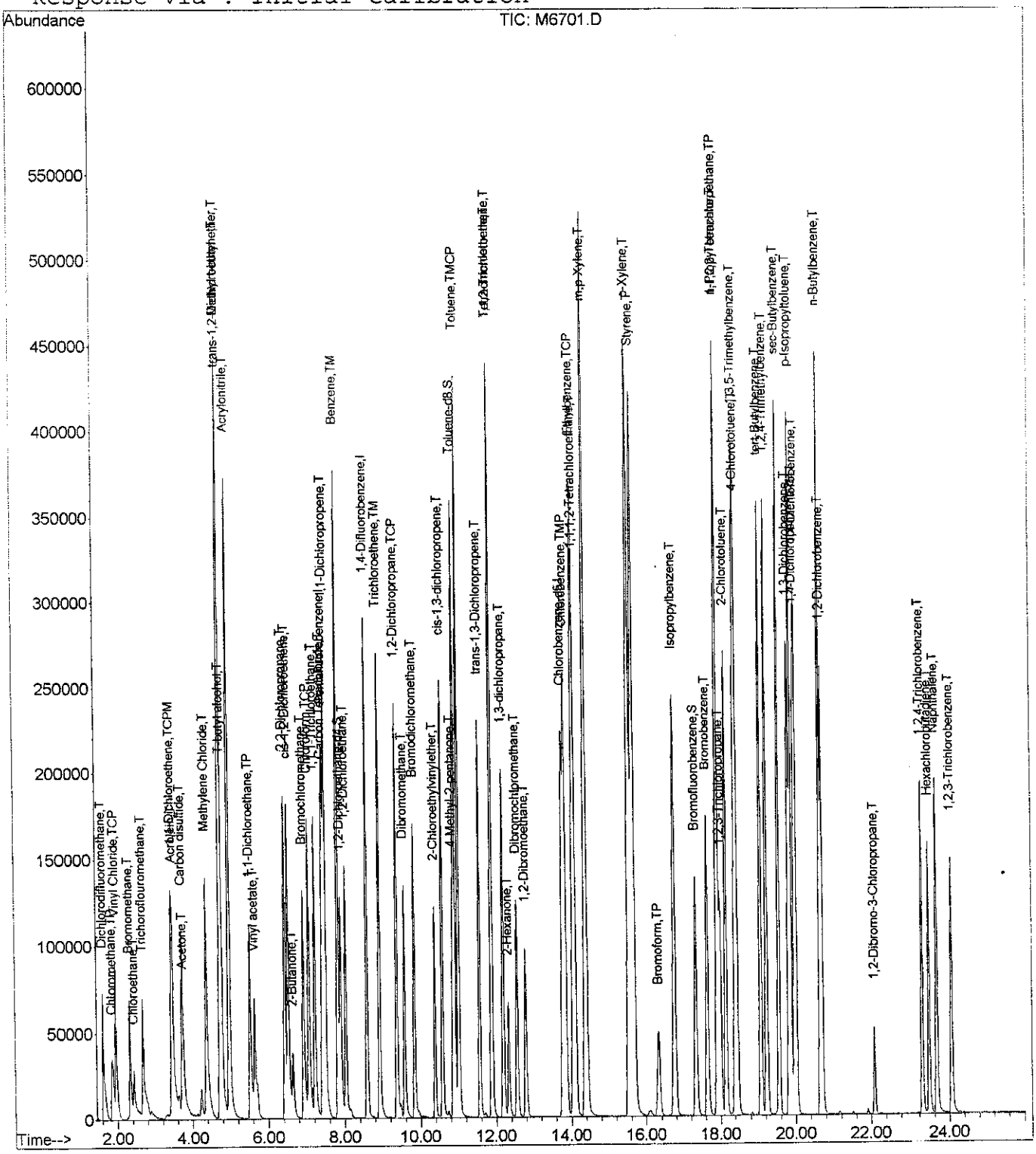
All other compounds must meet a minimum RRF of 0.010.

Y-103

Quantitation Report

Data File : D:\M\DATA\JUL06\M0703\M6701.D Vial: 2
Acq On : 3 Jul 2006 10:02 Operator:
Sample : VSTD050 Inst : GC/MS Ins
Misc : WATER Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 5 9:04 2006 Quant Results File: VM8A0703.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\M\DATA\JUL06\M0703\M6701.D Vial: 2
Acq On : 3 Jul 2006 10:02 Operator:
Sample : VSTD050 Inst : GC/MS Ins
Misc : WATER Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 5 9:04 2006 Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0619

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.45	168	166202	50.00	ug/l		0.00
24) 1,4-Difluorobenzene	8.59	114	353077	50.00	ug/l		0.00
43) Chlorobenzene-d5	13.78	117	302258	50.00	ug/l		0.00
55) 1,4-Dichlorobenzene-d4	19.97	152	116734	50.00	ug/l		0.01
System Monitoring Compounds							
25) 1,2-Dichloroethane-d4	7.91	65	124342	49.52	ug/l		0.00
Spiked Amount 50.000	Range 76 - 114		Recovery = 99.04%				
36) Toluene-d8	10.90	98	375275	49.33	ug/l		0.00
Spiked Amount 50.000	Range 88 - 110		Recovery = 98.66%				
42) Bromofluorobenzene	17.34	95	137569	48.69	ug/l		0.00
Spiked Amount 50.000	Range 86 - 115		Recovery = 97.38%				
Target Compounds							Qvalue
2) Acrolein	3.48	56	105369	225.24	ug/l		95
3) Acrylonitrile	4.97	53	490799	239.06	ug/l		93
4) Acetone	3.75	43	42620	44.02	ug/l		80
5) Dichlorodifluoromethane	1.61	85	123130	51.89	ug/l		96
6) Chloromethane	1.86	50	124976	48.57	ug/l		99
7) Vinyl Chloride	1.95	62	145753	49.09	ug/l		99
8) Bromomethane	2.32	94	62138	47.27	ug/l		99
9) Chloroethane	2.43	64	46327	48.54	ug/l		99
10) Trichoroflouromethane	2.67	101	123562	55.18	ug/l		98
11) 1,1-Dichloroethene	3.44	61	147356	49.02	ug/l		85
12) Carbon disulfide	3.72	76	272061	49.73	ug/l		99
13) Methylene Chloride	4.37	49	144261	41.12	ug/l		81
14) trans-1,2-Dichloroethene	4.72	61	176789	49.47	ug/l		99
15) 1,1-Dichloroethane	5.53	63	215240	48.89	ug/l		98
16) Vinyl acetate	5.65	43	143873	49.61	ug/l		95
17) 2,2-Dichloropropane	6.43	77	195774	50.59	ug/l		95
18) 2-Butanone	6.64	43	61244	47.17	ug/l		92
19) cis-1,2-Dichloroethene	6.52	61	183309	48.88	ug/l		99
20) Chloroform	7.06	83	222367	49.46	ug/l		99
21) Bromochloromethane	6.93	130	93855	49.62	ug/l	#	72
22) 1,1,1-Trichloroethane	7.23	97	175511	49.87	ug/l		98
23) T-butyl alcohol	4.78	59	131524	472.17	ug/l	#	45
26) 1,1-Dichloropropene	7.50	75	206372	51.22	ug/l		97
27) Carbon Tetrachloride	7.42	119	136695	50.10	ug/l		96
28) 1,2-Dichloroethane	8.04	62	175567	49.38	ug/l		88
29) Benzene	7.83	78	505325	49.10	ug/l		98
30) Trichloroethene	8.92	95	140927	48.96	ug/l		100
31) 1,2-Dichloropropane	9.37	63	137668	49.09	ug/l		95

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

V-105

Quantitation Report (Not Reviewed)

Data File : D:\M\DATA\JUL06\M0703\M6701.D
Acq On : 3 Jul 2006 10:02
Sample : VSTD050
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Jul 5 9:04 2006

Vial: 2
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0619

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
32)	Bromodichloromethane	9.84	83	176297	50.67	ug/l		98
33)	Dibromomethane	9.57	174	82638	50.98	ug/l		97
34)	2-Chloroethylvinylether	10.39	63	80950	49.41	ug/l		99
35)	cis-1,3-dichloropropene	10.58	75	238383	50.04	ug/l		99
37)	Toluene	11.01	91	513025	48.90	ug/l		99
38)	trans-1,3-Dichloropropene	11.57	75	212351	49.91	ug/l		98
39)	1,1,2-Trichloroethane	11.88	97	125405	48.92	ug/l		99
40)	4-Methyl-2-pentanone	10.85	43	118156	47.39	ug/l		96
41)	1,2-Dibromoethane	12.79	107	143595	49.48	ug/l		100
44)	2-Hexanone	12.33	43	79887	47.47	ug/l		99
45)	1,3-dichloropropane	12.19	76	231432	49.26	ug/l		99
46)	Tetrachloroethene	11.89	166	119201	49.96	ug/l		95
47)	Dibromochloromethane	12.56	129	132398	50.51	ug/l		96
48)	Ethylbenzene	14.07	91	559591	49.51	ug/l		100
49)	Chlorobenzene	13.85	112	334480	48.60	ug/l		99
50)	1,1,1,2-Tetrachloroethane	14.10	131	117576	50.09	ug/l		96
51)	m,p-Xylene	14.40	91	814647	98.81	ug/l		97
52)	o-Xylene	15.56	91	810468	99.17	ug/l		98
53)	Styrene	15.67	104	665877	99.35	ug/l		96
54)	Bromoform	16.33	173	67473	50.65	ug/l		100
56)	Isopropylbenzene	16.76	105	459327	49.56	ug/l		96
57)	1,1,2,2-Tetrachloroethane	17.92	83	151501	47.73	ug/l		97
58)	1,2,3-Trichloropropane	18.00	75	121419	47.10	ug/l		97
59)	n-Propyl benzene	17.92	91	603900	49.73	ug/l		99
60)	Bromobenzene	17.65	77	209461	48.39	ug/l		96
61)	1,3,5-Trimethylbenzene	18.41	105	387452	50.37	ug/l		95
62)	2-Chlorotoluene	18.15	91	356588	48.83	ug/l		99
63)	4-Chlorotoluene	18.45	91	397430	49.35	ug/l		97
64)	tert-Butylbenzene	19.08	119	342609	49.90	ug/l		96
65)	1,2,4-Trimethylbenzene	19.23	105	391851	50.10	ug/l		97
66)	sec-Butylbenzene	19.55	105	550415	50.16	ug/l		99
67)	p-Isopropyltoluene	19.87	119	436475	50.46	ug/l		95
68)	1,3-Dichlorobenzene	19.81	146	215073	49.47	ug/l		98
69)	1,4-Dichlorobenzene	20.02	146	217981	49.68	ug/l		97
70)	n-Butylbenzene	20.65	91	420694	50.58	ug/l		99
71)	1,2-Dichlorobenzene	20.70	146	193519	49.29	ug/l		98
72)	1,2-Dibromo-3-Chloropropan	22.09	157	23984	48.64	ug/l	#	87
73)	1,2,4-Trichlorobenzene	23.28	180	103835	49.91	ug/l		99
74)	Hexachlorobutadiene	23.46	225	47705	51.00	ug/l		99
75)	Naphthalene	23.67	128	305900	47.97	ug/l		97
76)	1,2,3-Trichlorobenzene	24.06	180	91043	49.29	ug/l		99

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

V-1060

Quantitation Report (Not Reviewed)

Data File : D:\M\DATA\JUL06\M0703\M6701.D
Acq On : 3 Jul 2006 10:02
Sample : VSTD050
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Jul 5 9:04 2006

Vial: 2
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0619

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77) Methyl t-butyl ether	4.74	73	545732	98.61	ug/l	91

(#) = qualifier out of range (m) = manual integration
M6701.D VM8A0703.M Wed Aug 09 16:43:01 2006

Y-167

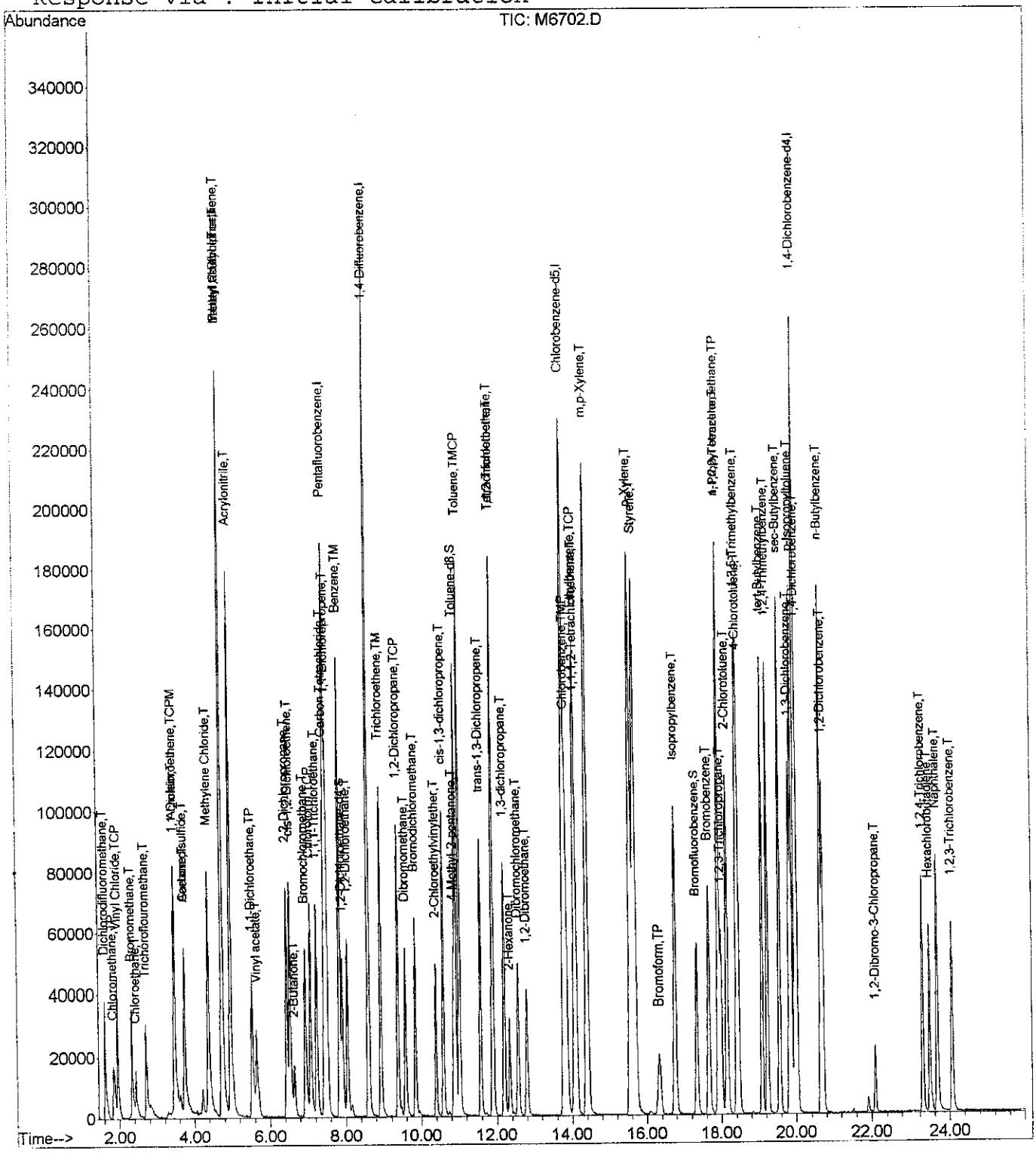
Quantitation Report

Data File : D:\M\DATA\JUL06\M0703\M6702.D
Acq On : 3 Jul 2006 10:37
Sample : VSTD020
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Jul 3 13:07 2006

Vial: 3
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8A0619.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



V-108

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0703\M6702.D Vial: 3
Acq On : 3 Jul 2006 10:37 Operator:
Sample : VSTD020 Inst : GC/MS Ins
Misc : WATER Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 3 13:07 2006 Quant Results File: VM8A0619.RES

Quant Method : D:\M\METHODS\VM8A0619.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jun 19 16:10:35 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0619

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.46	168	170600	50.00	ug/l		0.01
24) 1,4-Difluorobenzene	8.60	114	365140	50.00	ug/l		0.00
43) Chlorobenzene-d5	13.78	117	315105	50.00	ug/l		0.00
55) 1,4-Dichlorobenzene-d4	19.97	152	123536	50.00	ug/l		0.01
System Monitoring Compounds							
25) 1,2-Dichloroethane-d4	7.92	65	51606	16.77	ug/l		0.00
Spiked Amount 50.000	Range 76 - 114		Recovery = 33.54%#				
36) Toluene-d8	10.91	98	153992	19.24	ug/l		0.00
Spiked Amount 50.000	Range 88 - 110		Recovery = 38.48%#				
42) Bromofluorobenzene	17.34	95	57144	17.58	ug/l		0.00
Spiked Amount 50.000	Range 86 - 115		Recovery = 35.16%#				
Target Compounds							Qvalue
2) Acrolein	3.47	56	49274	173.01	ug/l		99
3) Acrylonitrile	4.96	53	220569	145.03	ug/l		92
4) Acetone	3.74	43	24463	21.67	ug/l		71
5) Dichlorodifluoromethane	1.61	85	51042	42.40	ug/l		93
6) Chloromethane	1.84	50	53277	37.81	ug/l		98
7) Vinyl Chloride	1.95	62	59824	30.67	ug/l		99
8) Bromomethane	2.32	94	27197	21.27	ug/l		89
9) Chloroethane	2.43	64	19626	19.21	ug/l		93
10) Trichoroflouromethane	2.70	101	42919	17.26	ug/l		95
11) 1,1-Dichloroethene	3.45	61	60317	24.59	ug/l		86
12) Carbon disulfide	3.74	76	109756	28.61	ug/l		93
13) Methylene Chloride	4.37	49	77352	28.56	ug/l		85
14) trans-1,2-Dichloroethene	4.73	61	72785	24.27	ug/l		98
15) 1,1-Dichloroethane	5.54	63	89386	23.84	ug/l		98
16) Vinyl acetate	5.65	43	59959	22.56	ug/l		94
17) 2,2-Dichloropropane	6.44	77	78067	20.07	ug/l		96
18) 2-Butanone	6.64	43	28347	23.97	ug/l		86
19) cis-1,2-Dichloroethene	6.52	61	76233	23.00	ug/l		98
20) Chloroform	7.07	83	90785	20.20	ug/l		100
21) Bromochloromethane	6.93	130	38469	20.87	ug/l	#	72
22) 1,1,1-Trichloroethane	7.23	97	69652	18.96	ug/l		98
23) T-butyl alcohol	4.74	59	66336	239.53	ug/l		99
26) 1,1-Dichloropropene	7.51	75	81932m	21.24	ug/l		
27) Carbon Tetrachloride	7.42	119	54615	17.48	ug/l		98
28) 1,2-Dichloroethane	8.04	62	72318	17.20	ug/l		88
29) Benzene	7.84	78	207734	22.49	ug/l		97
30) Trichloroethene	8.92	95	57732	19.83	ug/l		93
31) 1,2-Dichloropropane	9.37	63	57016	23.14	ug/l		95

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

V-109

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0703\M6702.D
Acq On : 3 Jul 2006 10:37
Sample : VSTD020
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Jul 3 13:07 2006

Vial: 3
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8A0619.RES

Quant Method : D:\M\METHODS\VM8A0619.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jun 19 16:10:35 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0619

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
32) Bromodichloromethane	9.84	83	68858	17.61	ug/l	97
33) Dibromomethane	9.58	174	32988	18.23	ug/l	97
34) 2-Chloroethylvinylether	10.39	63	33209	21.06	ug/l	99
35) cis-1,3-dichloropropene	10.58	75	96205	20.41	ug/l	98
37) Toluene	11.02	91	213493	20.66	ug/l	99
38) trans-1,3-Dichloropropene	11.58	75	85857	18.72	ug/l	99
39) 1,1,2-Trichloroethane	11.89	97	53251	20.35	ug/l	100
40) 4-Methyl-2-pentanone	10.85	43	54858	23.82	ug/l	95
41) 1,2-Dibromoethane	12.79	107	59895	19.58	ug/l	94
44) 2-Hexanone	12.34	43	38186	24.52	ug/l	96
45) 1,3-dichloropropane	12.19	76	95751	21.52	ug/l	99
46) Tetrachloroethene	11.89	166	48828	19.39	ug/l	97
47) Dibromochloromethane	12.57	129	52782	17.89	ug/l	98
48) Ethylbenzene	14.07	91	230941	20.45	ug/l	99
49) Chlorobenzene	13.85	112	139163	19.68	ug/l	98
50) 1,1,1,2-Tetrachloroethane	14.11	131	47438	18.32	ug/l	99
51) m,p-Xylene	14.40	91	337845	40.60	ug/l	94
52) o-Xylene	15.56	91	334125	40.27	ug/l	97
53) Styrene	15.68	104	275236	41.53	ug/l	93
54) Bromoform	16.33	173	26581	16.88	ug/l	95
56) Isopropylbenzene	16.77	105	188307	21.58	ug/l	98
57) 1,1,2,2-Tetrachloroethane	17.93	83	68583	24.12	ug/l	93
58) 1,2,3-Trichloropropane	18.00	75	55962	23.42	ug/l	97
59) n-Propyl benzene	17.92	91	248940	22.55	ug/l	99
60) Bromobenzene	17.65	77	88188	21.46	ug/l	98
61) 1,3,5-Trimethylbenzene	18.41	105	158728	21.58	ug/l	97
62) 2-Chlorotoluene	18.15	91	149970	21.83	ug/l	98
63) 4-Chlorotoluene	18.45	91	166840	21.47	ug/l	99
64) tert-Butylbenzene	19.09	119	141633	20.87	ug/l	99
65) 1,2,4-Trimethylbenzene	19.23	105	160284	21.52	ug/l	96
66) sec-Butylbenzene	19.56	105	225788	22.18	ug/l	99
67) p-Isopropyltoluene	19.87	119	177565	20.88	ug/l	95
68) 1,3-Dichlorobenzene	19.82	146	90446	20.74	ug/l	97
69) 1,4-Dichlorobenzene	20.02	146	91400	20.72	ug/l	99
70) n-Butylbenzene	20.65	91	169491	22.28	ug/l	99
71) 1,2-Dichlorobenzene	20.71	146	80298	20.11	ug/l	98
72) 1,2-Dibromo-3-Chloropropan	22.11	157	10908	20.76	ug/l	91
73) 1,2,4-Trichlorobenzene	23.28	180	42510	19.99	ug/l	98
74) Hexachlorobutadiene	23.46	225	18781	19.42	ug/l	96
75) Naphthalene	23.67	128	138953	21.84	ug/l	99
76) 1,2,3-Trichlorobenzene	24.07	180	37777	20.14	ug/l	97

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

V-110

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0703\M6702.D Vial: 3
Acq On : 3 Jul 2006 10:37 Operator:
Sample : VSTD020 Inst : GC/MS Ins
Misc : WATER Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 3 13:07 2006 Quant Results File: VM8A0619.RES

Quant Method : D:\M\METHODS\VM8A0619.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jun 19 16:10:35 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0619

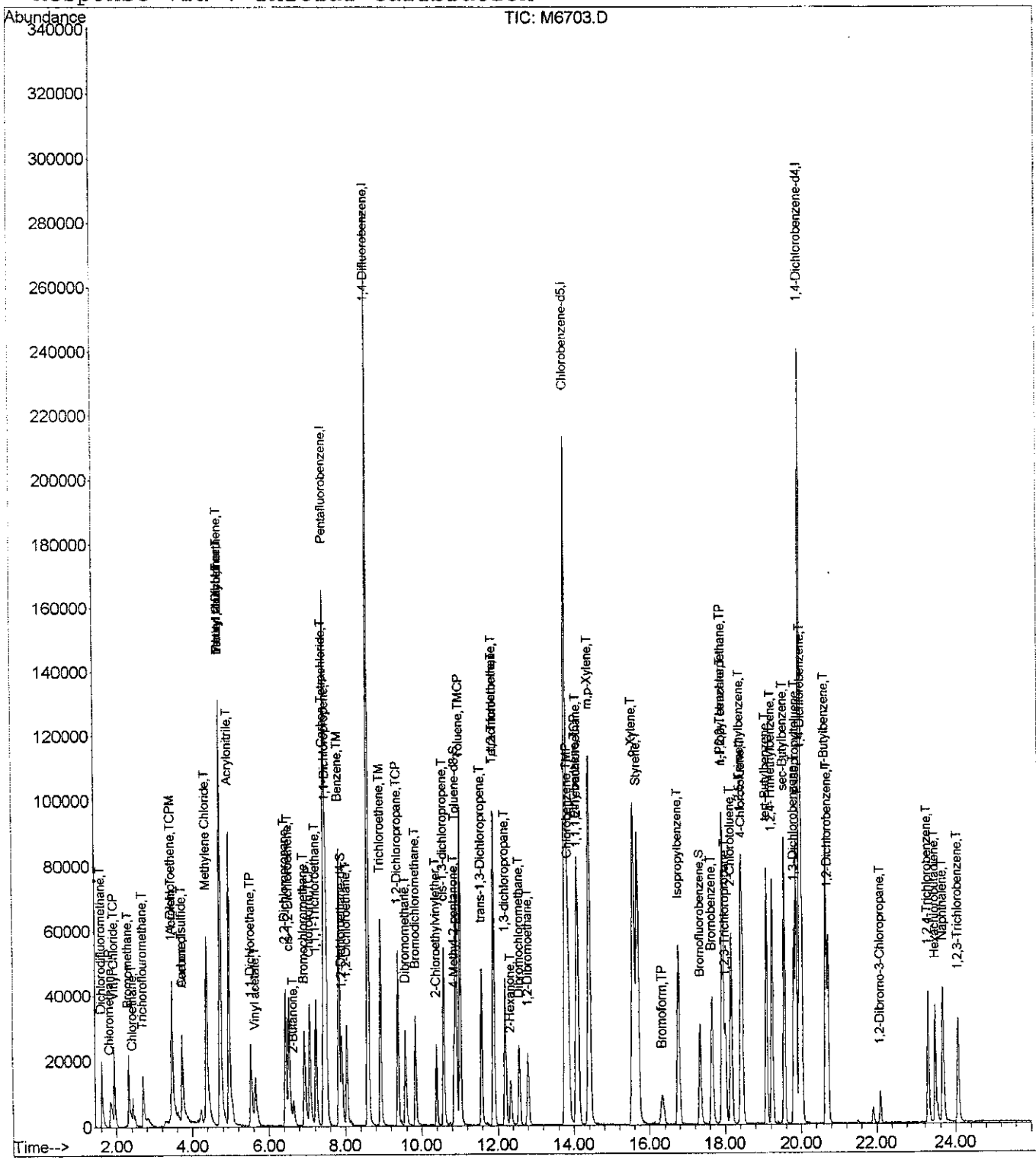
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
77) Methyl t-butyl ether	4.74	73	226704	47.08 ug/l	95

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

Quantitation Report

Data File : D:\M\DATA\JUL06\M0703\M6703.D Vial: 4
Acq On : 3 Jul 2006 11:11 Operator:
Sample : VSTD010 Inst : GC/MS Ins
Misc : WATER Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 3 13:06 2006 Quant Results File: VM8A0619.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



V-112

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0703\M6703.D
Acq On : 3 Jul 2006 11:11
Sample : VSTD010
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Jul 3 13:06 2006

Vial: 4
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8A0619.RES

Quant Method : D:\M\METHODS\VM8A0619.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jun 19 16:10:35 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0619

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.47	168	163548	50.00	ug/l	0.02
24) 1,4-Difluorobenzene	8.60	114	348418	50.00	ug/l	0.01
43) Chlorobenzene-d5	13.79	117	299428	50.00	ug/l	0.02
55) 1,4-Dichlorobenzene-d4	19.98	152	114839	50.00	ug/l	0.02
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	7.92	65	27666	9.42	ug/l	0.00
Spiked Amount 50.000	Range 76 - 114		Recovery = 18.84%#			
36) Toluene-d8	10.91	98	84047	11.00	ug/l	0.01
Spiked Amount 50.000	Range 88 - 110		Recovery = 22.00%#			
42) Bromofluorobenzene	17.35	95	31601	10.19	ug/l	0.02
Spiked Amount 50.000	Range 86 - 115		Recovery = 20.38%#			
Target Compounds						Qvalue
2) Acrolein	3.48	56	25389	92.99	ug/l	96
3) Acrylonitrile	4.97	53	113410	77.79	ug/l	92
4) Acetone	3.73	43	12726	11.76	ug/l	71
5) Dichlorodifluoromethane	1.61	85	25698	22.27	ug/l	97
6) Chloromethane	1.84	50	26640m	19.72	ug/l	
7) Vinyl Chloride	1.95	62	30311	16.21	ug/l	100
8) Bromomethane	2.33	94	14045	11.46	ug/l	100
9) Chloroethane	2.43	64	10544	10.77	ug/l	90
10) Trichoroflouromethane	2.71	101	21822	9.15	ug/l	91
11) 1,1-Dichloroethene	3.46	61	33553	14.27	ug/l	92
12) Carbon disulfide	3.74	76	56878	15.47	ug/l	89
13) Methylene Chloride	4.38	49	56817	21.88	ug/l	80
14) trans-1,2-Dichloroethene	4.73	61	39242	13.65	ug/l	94
15) 1,1-Dichloroethane	5.54	63	48379	13.46	ug/l	93
16) Vinyl acetate	5.66	43	30150	11.84	ug/l	95
17) 2,2-Dichloropropane	6.44	77	41107	11.03	ug/l	96
18) 2-Butanone	6.64	43	14338	12.65	ug/l	94
19) cis-1,2-Dichloroethene	6.53	61	40856	12.86	ug/l	98
20) Chloroform	7.08	83	49182	11.41	ug/l	99
21) Bromochloromethane	6.93	130	20374	11.53	ug/l #	74
22) 1,1,1-Trichloroethane	7.24	97	38000	10.79	ug/l	97
23) T-butyl alcohol	4.74	59	29947	112.80	ug/l	86
26) 1,1-Dichloropropene	7.51	75	47349m	12.86	ug/l	
27) Carbon Tetrachloride	7.44	119	29514	9.90	ug/l	89
28) 1,2-Dichloroethane	8.05	62	39115	9.75	ug/l	86
29) Benzene	7.84	78	115875	13.15	ug/l	96
30) Trichloroethene	8.93	95	32033	11.53	ug/l	97
31) 1,2-Dichloropropane	9.38	63	31000	13.18	ug/l	90

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

V-113

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0703\M6703.D
Acq On : 3 Jul 2006 11:11
Sample : VSTD010
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Jul 3 13:06 2006

Vial: 4
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8A0619.RES

Quant Method : D:\M\METHODS\VM8A0619.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jun 19 16:10:35 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0619

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
32) Bromodichloromethane	9.84	83	35779	9.59 ug/l	97
33) Dibromomethane	9.59	174	17192	9.96 ug/l	97
34) 2-Chloroethylvinylether	10.40	63	16274	10.82 ug/l	92
35) cis-1,3-dichloropropene	10.58	75	50620	11.26 ug/l	98
37) Toluene	11.02	91	117857	11.95 ug/l	98
38) trans-1,3-Dichloropropene	11.58	75	44578	10.19 ug/l	97
39) 1,1,2-Trichloroethane	11.89	97	28349	11.35 ug/l	91
40) 4-Methyl-2-pentanone	10.87	43	27244	12.40 ug/l	96
41) 1,2-Dibromoethane	12.80	107	30890	10.58 ug/l	95
44) 2-Hexanone	12.35	43	17661	11.93 ug/l	93
45) 1,3-dichloropropane	12.21	76	52014	12.30 ug/l	98
46) Tetrachloroethene	11.90	166	26359	11.02 ug/l	95
47) Dibromochloromethane	12.57	129	25766	9.19 ug/l	98
48) Ethylbenzene	14.07	91	123589	11.52 ug/l	97
49) Chlorobenzene	13.86	112	77319	11.50 ug/l	98
50) 1,1,1,2-Tetrachloroethane	14.11	131	25463	10.35 ug/l	96
51) m,p-Xylene	14.41	91	181396	22.94 ug/l	99
52) o-Xylene	15.57	91	179338	22.75 ug/l	97
53) Styrene	15.68	104	144718	22.98 ug/l	99
54) Bromoform	16.34	173	12297	8.22 ug/l	96
56) Isopropylbenzene	16.77	105	100973	12.45 ug/l	98
57) 1,1,2,2-Tetrachloroethane	17.92	83	35118	13.29 ug/l	94
58) 1,2,3-Trichloropropane	18.00	75	28569	12.86 ug/l	97
59) n-Propyl benzene	17.93	91	131855	12.85 ug/l	99
60) Bromobenzene	17.67	77	47476	12.43 ug/l	96
61) 1,3,5-Trimethylbenzene	18.41	105	83225	12.17 ug/l	95
62) 2-Chlorotoluene	18.15	91	80482	12.60 ug/l	99
63) 4-Chlorotoluene	18.45	91	86712	12.01 ug/l	99
64) tert-Butylbenzene	19.09	119	73965	11.72 ug/l	96
65) 1,2,4-Trimethylbenzene	19.24	105	85506	12.35 ug/l	93
66) sec-Butylbenzene	19.56	105	119365	12.62 ug/l	99
67) p-Isopropyltoluene	19.88	119	93628	11.84 ug/l	96
68) 1,3-Dichlorobenzene	19.82	146	47376	11.69 ug/l	96
69) 1,4-Dichlorobenzene	20.02	146	48044	11.72 ug/l	91
70) n-Butylbenzene	20.65	91	91272	12.91 ug/l	98
71) 1,2-Dichlorobenzene	20.71	146	43257	11.65 ug/l	100
72) 1,2-Dibromo-3-Chloropropan	22.11	157	4768	9.76 ug/l	90
73) 1,2,4-Trichlorobenzene	23.29	180	22456	11.36 ug/l	99
74) Hexachlorobutadiene	23.47	225	10499	11.68 ug/l	93
75) Naphthalene	23.67	128	67660	11.44 ug/l	98
76) 1,2,3-Trichlorobenzene	24.06	180	20581	11.81 ug/l	95

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

V-114

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0703\M6703.D Vial: 4
Acq On : 3 Jul 2006 11:11 Operator:
Sample : VSTD010 Inst : GC/MS Ins
Misc : WATER Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 3 13:06 2006 Quant Results File: VM8A0619.RES

Quant Method : D:\M\METHODS\VM8A0619.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jun 19 16:10:35 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0619

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
77) Methyl t-butyl ether	4.74	73	121646	27.18 ug/l	91

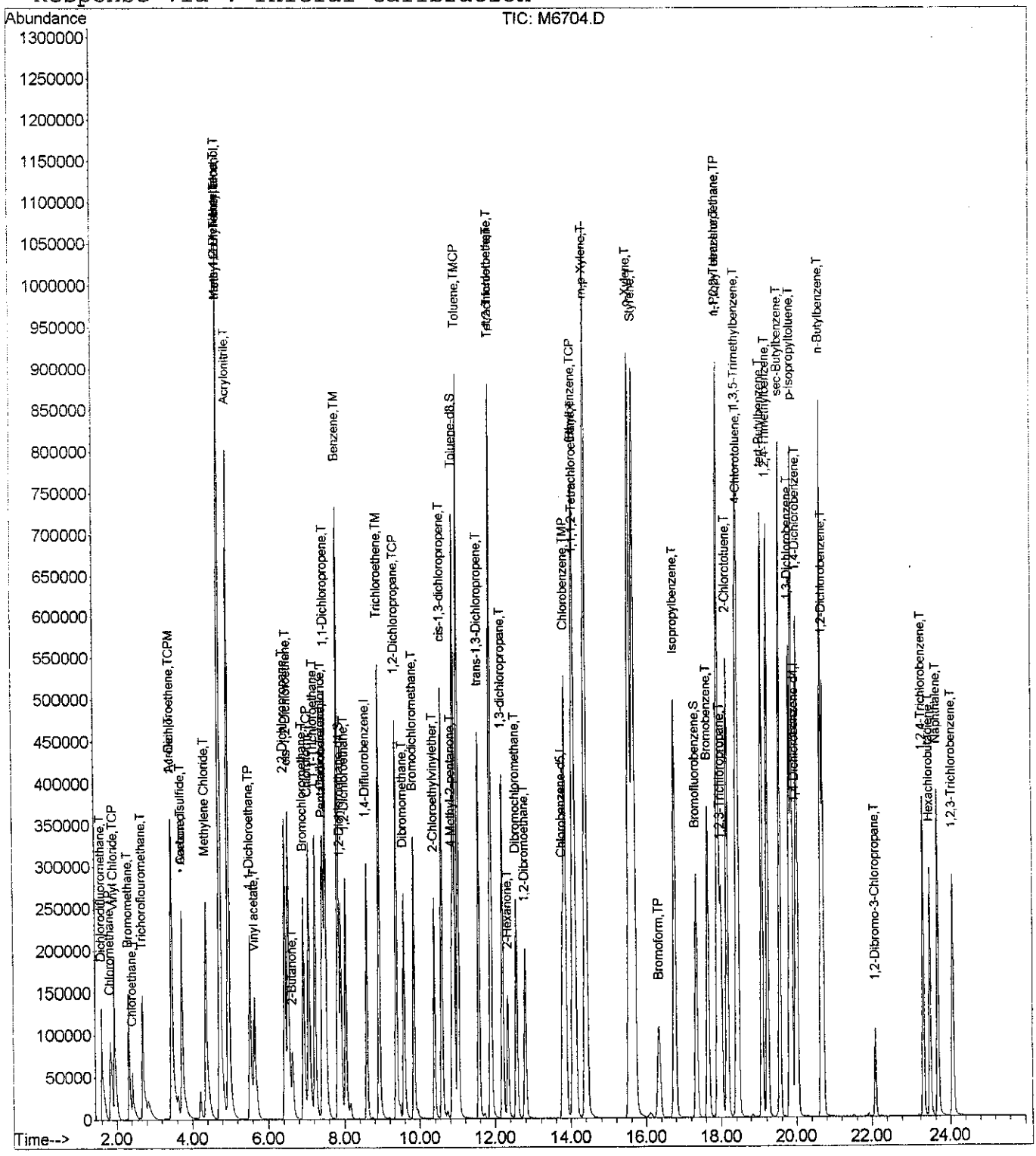
(#) = qualifier out of range (m) = manual integration
M6703.D VM8A0703.M Wed Aug 09 16:43:09 2006 Page 3

V-16

Quantitation Report

Data File : D:\M\DATA\JUL06\M0703\M6704.D Vial: 5
Acq On : 3 Jul 2006 11:54 Operator:
Sample : VSTD100 Inst : GC/MS Ins
Misc : WATER Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 3 13:07 2006 Quant Results File: VM8A0619.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



V-116

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0703\M6704.D Vial: 5
Acq On : 3 Jul 2006 11:54 Operator:
Sample : VSTD100 Inst : GC/MS Ins
Misc : WATER Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 3 13:07 2006 Quant Results File: VM8A0619.RES

Quant Method : D:\M\METHODS\VM8A0619.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jun 19 16:10:35 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0619

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.46	168	175499	50.00	ug/l		0.01
24) 1,4-Difluorobenzene	8.60	114	371875	50.00	ug/l		0.00
43) Chlorobenzene-d5	13.79	117	322062	50.00	ug/l		0.02
55) 1,4-Dichlorobenzene-d4	19.98	152	122759	50.00	ug/l		0.02
System Monitoring Compounds							
25) 1,2-Dichloroethane-d4	7.92	65	249214	79.52	ug/l		0.00
Spiked Amount 50.000	Range 76 - 114		Recovery = 159.04%#				
36) Toluene-d8	10.91	98	771965	94.68	ug/l		0.00
Spiked Amount 50.000	Range 88 - 110		Recovery = 189.36%#				
42) Bromofluorobenzene	17.34	95	288833	87.23	ug/l		0.01
Spiked Amount 50.000	Range 86 - 115		Recovery = 174.46%#				
Target Compounds							Qvalue
2) Acrolein	3.47	56	233427	796.73	ug/l		98
3) Acrylonitrile	4.97	53	1011388	646.45	ug/l		91
4) Acetone	3.74	43	81494	70.18	ug/l		72
5) Dichlorodifluoromethane	1.61	85	232620	187.84	ug/l		94
6) Chloromethane	1.84	50	275580	190.13	ug/l		98
7) Vinyl Chloride	1.95	62	314104	156.53	ug/l		100
8) Bromomethane	2.33	94	134448	102.19	ug/l		100
9) Chloroethane	2.43	64	95440	90.81	ug/l		98
10) Trichoroflouromethane	2.69	101	228225	89.22	ug/l		98
11) 1,1-Dichloroethene	3.45	61	300929	119.25	ug/l		86
12) Carbon disulfide	3.74	76	562950	142.65	ug/l		98
13) Methylene Chloride	4.37	49	273715	98.25	ug/l		82
14) trans-1,2-Dichloroethene	4.73	61	355518	115.25	ug/l		98
15) 1,1-Dichloroethane	5.53	63	443859	115.09	ug/l		99
16) Vinyl acetate	5.65	43	291325	106.57	ug/l		94
17) 2,2-Dichloropropane	6.44	77	386562	96.63	ug/l		97
18) 2-Butanone	6.64	43	128435	105.56	ug/l		93
19) cis-1,2-Dichloroethene	6.53	61	376655	110.46	ug/l		99
20) Chloroform	7.07	83	449629	97.24	ug/l		100
21) Bromochloromethane	6.93	130	188008	99.14	ug/l	#	73
22) 1,1,1-Trichloroethane	7.24	97	354767	93.89	ug/l		97
23) T-butyl alcohol	4.75	59	272531	956.60	ug/l		91
26) 1,1-Dichloropropene	7.51	75	383514m	97.61	ug/l		
27) Carbon Tetrachloride	7.43	119	276559	86.92	ug/l		97
28) 1,2-Dichloroethane	8.04	62	356014	83.13	ug/l		88
29) Benzene	7.84	78	1024235	108.90	ug/l		98
30) Trichloroethene	8.93	95	289982	97.78	ug/l		97
31) 1,2-Dichloropropane	9.38	63	279968	111.56	ug/l		94

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

V-117

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0703\M6704.D Vial: 5
Acq On : 3 Jul 2006 11:54 Operator:
Sample : VSTD100 Inst : GC/MS Ins
Misc : WATER Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 3 13:07 2006 Quant Results File: VM8A0619.RES

Quant Method : D:\M\METHODS\VM8A0619.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jun 19 16:10:35 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0619

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
32)	Bromodichloromethane	9.84	83	356083	89.44	ug/l	97
33)	Dibromomethane	9.58	174	162936	88.43	ug/l	97
34)	2-Chloroethylvinylether	10.39	63	173702	108.18	ug/l	97
35)	cis-1,3-dichloropropene	10.59	75	483068	100.65	ug/l	98
37)	Toluene	11.02	91	1058562	100.58	ug/l	99
38)	trans-1,3-Dichloropropene	11.57	75	437727	93.73	ug/l	98
39)	1,1,2-Trichloroethane	11.89	97	257431	96.60	ug/l	99
40)	4-Methyl-2-pentanone	10.86	43	252755	107.78	ug/l	96
41)	1,2-Dibromoethane	12.80	107	296396	95.12	ug/l	98
44)	2-Hexanone	12.34	43	172007	108.07	ug/l	100
45)	1,3-dichloropropane	12.20	76	471851	103.74	ug/l	99
46)	Tetrachloroethene	11.90	166	240941	93.61	ug/l	97
47)	Dibromochloromethane	12.57	129	278168	92.24	ug/l	100
48)	Ethylbenzene	14.07	91	1157681	100.30	ug/l	99
49)	Chlorobenzene	13.86	112	701207	97.01	ug/l	98
50)	1,1,1,2-Tetrachloroethane	14.12	131	241466	91.26	ug/l	99
51)	m,p-Xylene	14.40	91	1673820	196.79	ug/l	95
52)	o-Xylene	15.57	91	1662905	196.10	ug/l	97
53)	Styrene	15.68	104	1384937	204.43	ug/l	96
54)	Bromoform	16.34	173	148085	92.03	ug/l	95
56)	Isopropylbenzene	16.77	105	935446	107.86	ug/l	98
57)	1,1,2,2-Tetrachloroethane	17.93	83	316726	112.11	ug/l	99
58)	1,2,3-Trichloropropane	18.01	75	258652	108.94	ug/l	96
59)	n-Propyl benzene	17.93	91	1219232m	111.13	ug/l	
60)	Bromobenzene	17.66	77	440091	107.75	ug/l	97
61)	1,3,5-Trimethylbenzene	18.41	105	774737	106.00	ug/l	97
62)	2-Chlorotoluene	18.16	91	734334	107.58	ug/l	98
63)	4-Chlorotoluene	18.46	91	818667	106.04	ug/l	98
64)	tert-Butylbenzene	19.09	119	689025	102.15	ug/l	96
65)	1,2,4-Trimethylbenzene	19.24	105	786949	106.34	ug/l	95
66)	sec-Butylbenzene	19.56	105	1094356	108.20	ug/l	99
67)	p-Isopropyltoluene	19.88	119	865421	102.39	ug/l	96
68)	1,3-Dichlorobenzene	19.82	146	436395	100.71	ug/l	98
69)	1,4-Dichlorobenzene	20.03	146	437081	99.71	ug/l	100
70)	n-Butylbenzene	20.65	91	817337	108.13	ug/l	99
71)	1,2-Dichlorobenzene	20.71	146	394939	99.51	ug/l	99
72)	1,2-Dibromo-3-Chloropropan	22.10	157	49950	95.68	ug/l	90
73)	1,2,4-Trichlorobenzene	23.28	180	203998	96.52	ug/l	97
74)	Hexachlorobutadiene	23.47	225	87998	91.57	ug/l	97
75)	Naphthalene	23.67	128	618225	97.78	ug/l	99
76)	1,2,3-Trichlorobenzene	24.07	180	176181	94.54	ug/l	100

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

V-118

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0703\M6704.D
Acq On : 3 Jul 2006 11:54
Sample : VSTD100
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Jul 3 13:07 2006

Vial: 5
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8A0619.RES

Quant Method : D:\M\METHODS\VM8A0619.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jun 19 16:10:35 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0619

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77) Methyl t-butyl ether	4.74	73	1090655	227.93	ug/l	93

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

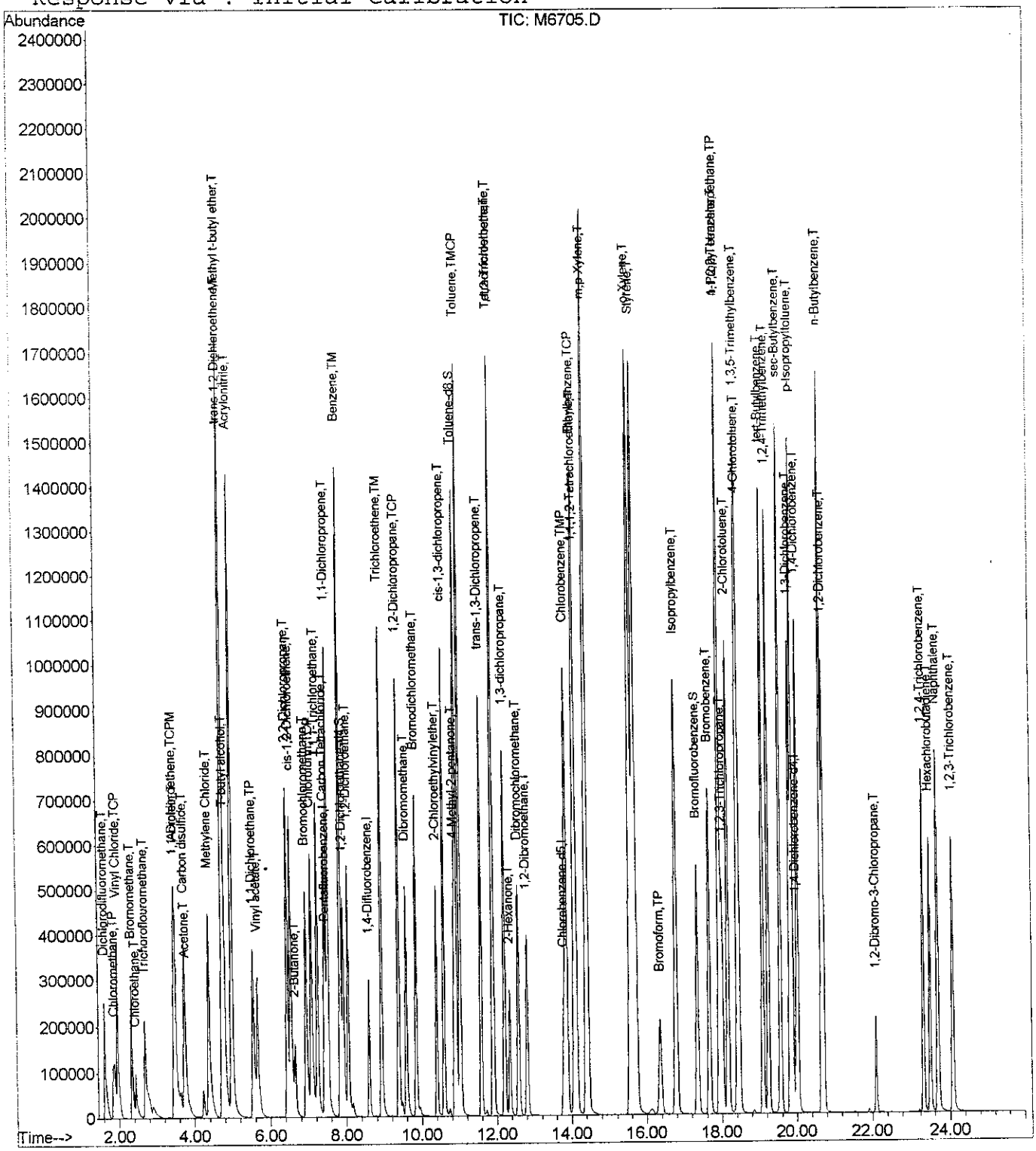
V-119

Quantitation Report

Data File : D:\M\DATA\JUL06\M0703\M6705.D
Acq On : 3 Jul 2006 12:28
Sample : VSTD200
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Jul 3 12:54 2006

Vial: 6
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8A0619.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



V-12C

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0703\M6705.D Vial: 6
Acq On : 3 Jul 2006 12:28 Operator:
Sample : VSTD200 Inst : GC/MS Ins
Misc : WATER Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 3 12:54 2006 Quant Results File: VM8A0619.RES

Quant Method : D:\M\METHODS\VM8A0619.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jun 19 16:10:35 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0619

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.47	168	166889	50.00	ug/l		0.03
24) 1,4-Difluorobenzene	8.60	114	361074	50.00	ug/l		0.01
43) Chlorobenzene-d5	13.80	117	302573	50.00	ug/l		0.02
55) 1,4-Dichlorobenzene-d4	19.99	152	114641	50.00	ug/l		0.02
System Monitoring Compounds							
25) 1,2-Dichloroethane-d4	7.92	65	491454	161.51	ug/l		0.01
Spiked Amount 50.000	Range 76 - 114		Recovery = 323.02%#				
36) Toluene-d8	10.92	98	1480376	187.00	ug/l		0.02
Spiked Amount 50.000	Range 88 - 110		Recovery = 374.00%#				
42) Bromofluorobenzene	17.35	95	545626	169.72	ug/l		0.03
Spiked Amount 50.000	Range 86 - 115		Recovery = 339.44%#				
Target Compounds							Qvalue
2) Acrolein	3.48	56	481396	1727.87	ug/l		95
3) Acrylonitrile	4.99	53	1940719	1304.45	ug/l		92
4) Acetone	3.76	43	146954	133.08	ug/l		72
5) Dichlorodifluoromethane	1.61	85	422166	358.49	ug/l		95
6) Chloromethane	1.87	50	492770	357.52	ug/l		99
7) Vinyl Chloride	1.95	62	594503	311.55	ug/l		100
8) Bromomethane	2.33	94	262019	209.43	ug/l		98
9) Chloroethane	2.44	64	183504	183.60	ug/l		99
10) Trichoroflouromethane	2.68	101	452781	186.14	ug/l		98
11) 1,1-Dichloroethene	3.45	61	579338	241.43	ug/l		84
12) Carbon disulfide	3.73	76	1095252	291.84	ug/l		98
13) Methylene Chloride	4.37	49	506265	191.09	ug/l		81
14) trans-1,2-Dichloroethene	4.73	61	689114	234.91	ug/l		99
15) 1,1-Dichloroethane	5.54	63	850659	231.95	ug/l		99
16) Vinyl acetate	5.66	43	578238	222.44	ug/l		96
17) 2,2-Dichloropropane	6.45	77	761307	200.12	ug/l		97
18) 2-Butanone	6.66	43	243566	210.52	ug/l		91
19) cis-1,2-Dichloroethene	6.54	61	733784	226.29	ug/l		99
20) Chloroform	7.08	83	874402	198.87	ug/l		99
21) Bromochloromethane	6.94	130	372684	206.65	ug/l	#	72
22) 1,1,1-Trichloroethane	7.24	97	697297	194.06	ug/l		98
23) T-butyl alcohol	4.80	59	490358	1809.99	ug/l	#	38
26) 1,1-Dichloropropene	7.51	75	771986	202.35	ug/l		98
27) Carbon Tetrachloride	7.43	119	542345	175.56	ug/l		93
28) 1,2-Dichloroethane	8.05	62	700621	168.49	ug/l		87
29) Benzene	7.84	78	2013001	220.43	ug/l		98
30) Trichloroethene	8.93	95	569454	197.75	ug/l		96
31) 1,2-Dichloropropane	9.39	63	555003	227.77	ug/l		95

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

V-121

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0703\M6705.D
Acq On : 3 Jul 2006 12:28
Sample : VSTD200
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Jul 3 12:54 2006

Vial: 6
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8A0619.RES

Quant Method : D:\M\METHODS\VM8A0619.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jun 19 16:10:35 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0619

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
32) Bromodichloromethane	9.85	83	723179	187.08	ug/l	98
33) Dibromomethane	9.59	174	320755	179.30	ug/l	97
34) 2-Chloroethylvinylether	10.40	63	341335	218.94	ug/l	97
35) cis-1,3-dichloropropene	10.60	75	958137	205.60	ug/l	99
37) Toluene	11.03	91	2021770	197.84	ug/l	100
38) trans-1,3-Dichloropropene	11.58	75	859834	189.63	ug/l	98
39) 1,1,2-Trichloroethane	11.89	97	494367	191.06	ug/l	99
40) 4-Methyl-2-pentanone	10.87	43	468210	205.63	ug/l	96
41) 1,2-Dibromoethane	12.81	107	572469	189.21	ug/l	97
44) 2-Hexanone	12.35	43	318052	212.69	ug/l	99
45) 1,3-dichloropropane	12.21	76	919132	215.09	ug/l	100
46) Tetrachloroethene	11.91	166	456919	188.96	ug/l	98
47) Dibromochloromethane	12.58	129	543588	191.87	ug/l	99
48) Ethylbenzene	14.09	91	2182393	201.25	ug/l	99
49) Chlorobenzene	13.86	112	1333760	196.40	ug/l	99
50) 1,1,1,2-Tetrachloroethane	14.13	131	455007	183.05	ug/l	99
51) m,p-Xylene	14.42	91	3189654	399.15	ug/l	96
52) o-Xylene	15.59	91	3160196	396.68	ug/l	97
53) Styrene	15.70	104	2582898	405.82	ug/l	94
54) Bromoform	16.35	173	281256	186.06	ug/l	95
56) Isopropylbenzene	16.78	105	1786902	220.64	ug/l	98
57) 1,1,2,2-Tetrachloroethane	17.94	83	592858	224.71	ug/l	100
58) 1,2,3-Trichloropropane	18.02	75	481742	217.27	ug/l	97
59) n-Propyl benzene	17.94	91	2334570	227.85	ug/l	99
60) Bromobenzene	17.67	77	839932	220.21	ug/l	97
61) 1,3,5-Trimethylbenzene	18.42	105	1450286	212.48	ug/l	98
62) 2-Chlorotoluene	18.17	91	1401334	219.84	ug/l	99
63) 4-Chlorotoluene	18.47	91	1539171	213.49	ug/l	99
64) tert-Butylbenzene	19.10	119	1318630	209.33	ug/l	96
65) 1,2,4-Trimethylbenzene	19.25	105	1476872	213.69	ug/l	97
66) sec-Butylbenzene	19.57	105	2092316	221.52	ug/l	98
67) p-Isopropyltoluene	19.89	119	1646761	208.63	ug/l	95
68) 1,3-Dichlorobenzene	19.83	146	824563	203.76	ug/l	99
69) 1,4-Dichlorobenzene	20.03	146	828643	202.42	ug/l	99
70) n-Butylbenzene	20.66	91	1594663	225.90	ug/l	99
71) 1,2-Dichlorobenzene	20.72	146	749402	202.20	ug/l	98
72) 1,2-Dibromo-3-Chloropropan	22.10	157	100272	205.68	ug/l	90
73) 1,2,4-Trichlorobenzene	23.29	180	411568	208.52	ug/l	98
74) Hexachlorobutadiene	23.47	225	183039	203.96	ug/l	99
75) Naphthalene	23.67	128	1265946	214.41	ug/l	99
76) 1,2,3-Trichlorobenzene	24.08	180	365883	210.23	ug/l	99

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

V-188

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0703\M6705.D
Acq On : 3 Jul 2006 12:28
Sample : VSTD200
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Jul 3 12:54 2006

Vial: 6
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8A0619.RES

Quant Method : D:\M\METHODS\VM8A0619.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jun 19 16:10:35 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0619

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77) Methyl t-butyl ether	4.75	73	2156358	482.56	ug/l	89

(#) = qualifier out of range (m) = manual integration
M6705.D VM8A0703.M Wed Aug 09 16:43:18 2006

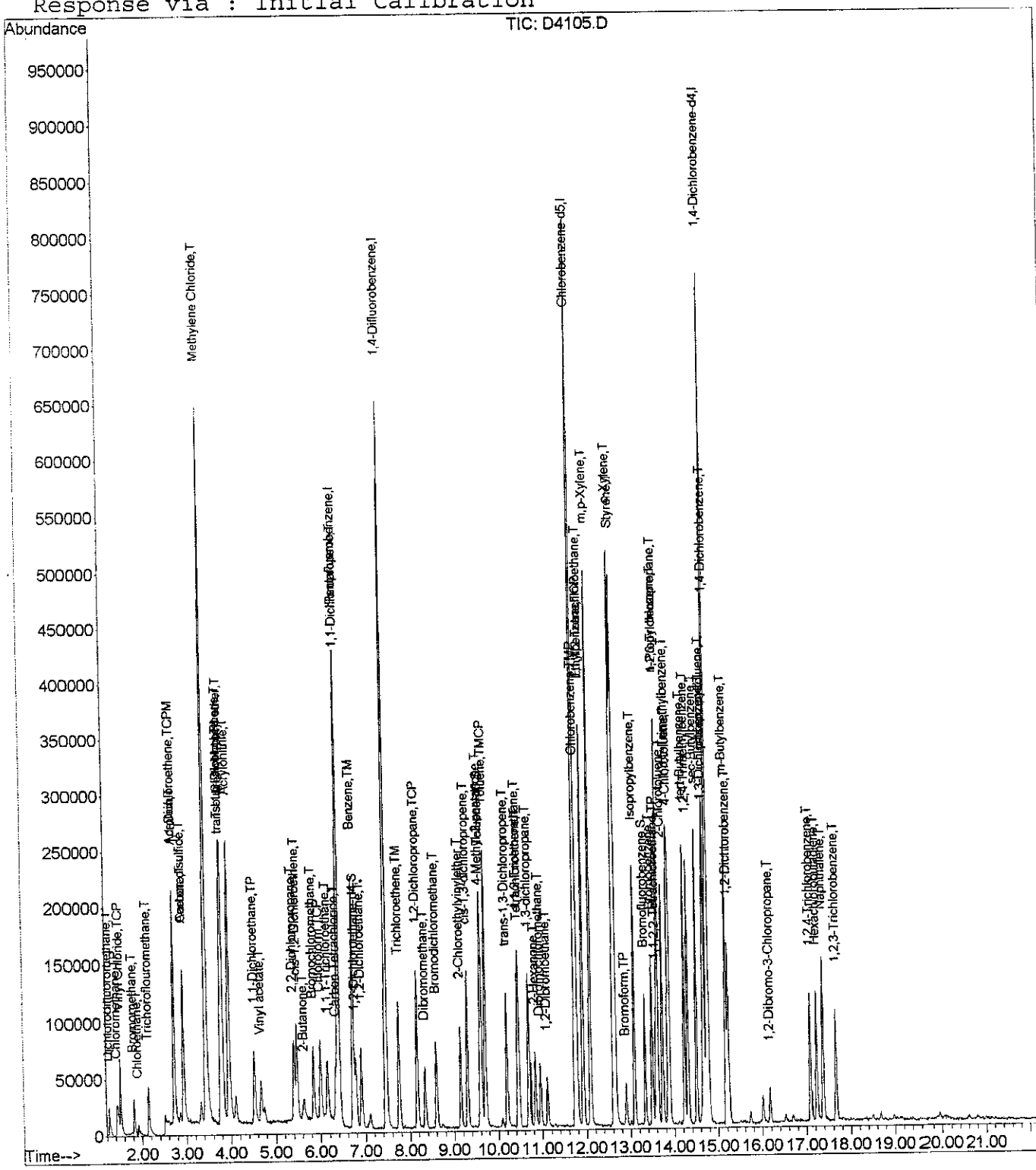
V-183

Data File : D:\D\DATA\JUL06\D0718\D4105.D
Acq On : 18 Jul 2006 9:51
Sample : VSTD010
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 18 13:28 2006

Vial: 2
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VD8S0714.R

Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration



V-124

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0718\D4105.D
Acq On : 18 Jul 2006 9:51
Sample : VSTD010
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 18 13:28 2006

Vial: 2
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VD8S0714.RES

Quant Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0714

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	307661	50.00	ug/l	-0.20
24) 1,4-Difluorobenzene	7.46	114	637805	50.00	ug/l	-0.04
43) Chlorobenzene-d5	11.75	117	532595	50.00	ug/l	0.00
55) 1,4-Dichlorobenzene-d4	14.76	152	223602	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.79	65	49692	10.14	ug/l	-0.05
Spiked Amount 50.000	Range 76 - 114		Recovery = 20.28%#			
36) Toluene-d8	9.62	98	153741	11.27	ug/l	0.00
Spiked Amount 50.000	Range 88 - 110		Recovery = 22.54%#			
42) Bromofluorobenzene	13.33	95	58379	9.69	ug/l	0.00
Spiked Amount 50.000	Range 86 - 115		Recovery = 19.38%#			
Target Compounds						Qvalue
2) Acrolein	2.73	56	106230	137.77	ug/l	98
3) Acrylonitrile	3.97	53	320008	107.92	ug/l	97
4) Acetone	2.94	43	82187	26.90	ug/l	98
5) Dichlorodifluoromethane	1.26	85	28673	11.42	ug/l	96
6) Chloromethane	1.43	50	78664	17.15	ug/l	95
7) Vinyl Chloride	1.52	62	74306	15.80	ug/l	98
8) Bromomethane	1.82	94	21725	13.56	ug/l	98
9) Chloroethane	1.91	64	12022	13.10	ug/l	81
10) Trichoroflouromethane	2.14	101	51703	11.07	ug/l	96
11) 1,1-Dichloroethene	2.73	61	85144	17.52	ug/l	86
12) Carbon disulfide	2.94	76	159533	20.16	ug/l	84
13) Methylene Chloride	3.45	49	608363	68.95	ug/l	83
14) trans-1,2-Dichloroethene	3.78	61	83097	16.58	ug/l #	87
15) 1,1-Dichloroethane	4.53	63	104692	16.60	ug/l	95
16) Vinyl acetate	4.68	43	86569	17.05	ug/l	86
17) 2,2-Dichloropropane	5.41	77	68251	12.20	ug/l	91
18) 2-Butanone	5.63	43	48446	19.08	ug/l	90
19) cis-1,2-Dichloroethene	5.48	61	80330	14.18	ug/l	92
20) Chloroform	6.01	83	77646	11.04	ug/l	91
21) Bromochloromethane	5.85	130	26606	11.23	ug/l	87
22) 1,1,1-Trichloroethane	6.16	97	49253	9.28	ug/l	95
23) T-butyl alcohol	3.79	59	68056	159.10	ug/l #	1
26) 1,1-Dichloropropene	6.42	110	26177	11.96	ug/l #	66
27) Carbon Tetrachloride	6.35	117	41077	8.80	ug/l	95
28) 1,2-Dichloroethane	6.91	62	71510	10.31	ug/l	89
29) Benzene	6.73	78	261130	13.71	ug/l	93
30) Trichloroethene	7.76	95	55971	11.55	ug/l	89
31) 1,2-Dichloropropane	8.17	63	81775	13.70	ug/l	99

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

V-125

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0718\D4105.D
Acq On : 18 Jul 2006 9:51
Sample : VSTD010
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 18 13:28 2006

Vial: 2
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VD8S0714.RES

Quant Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0714

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
32) Bromodichloromethane	8.60	83	69111	10.26	ug/l		98
33) Dibromomethane	8.35	174	25578	8.54	ug/l		97
34) 2-Chloroethylvinylether	9.15	63	51975	12.93	ug/l		95
35) cis-1,3-dichloropropene	9.31	75	108526	12.05	ug/l		93
37) Toluene	9.72	91	235027	12.58	ug/l		98
38) trans-1,3-Dichloropropene	10.21	75	86792	10.71	ug/l		96
39) 1,1,2-Trichloroethane	10.45	97	49319	11.05	ug/l		99
40) 4-Methyl-2-pentanone	9.59	43	108307	14.73	ug/l		95
41) 1,2-Dibromoethane	11.11	107	48109	10.46	ug/l		91
44) 2-Hexanone	10.84	43	72513	15.12	ug/l		88
45) 1,3-dichloropropane	10.70	76	106387	12.75	ug/l		100
46) Tetrachloroethene	10.48	166	39396	9.40	ug/l	#	65
47) Dibromochloromethane	10.96	129	39491	9.50	ug/l		99
48) Ethylbenzene	11.93	91	244898	12.80	ug/l		95
49) Chlorobenzene	11.79	112	129041	11.49	ug/l		94
50) 1,1,1,2-Tetrachloroethane	11.93	131	37724	10.21	ug/l		95
51) m,p-Xylene	12.09	91	363869	25.89	ug/l		93
52) o-Xylene	12.62	91	368387	25.86	ug/l		92
53) Styrene	12.66	104	283260	24.91	ug/l		96
54) Bromoform	12.90	173	22165	8.21	ug/l		92
56) Isopropylbenzene	13.09	105	191032	13.20	ug/l		93
57) 1,1,2,2-Tetrachloroethane	13.58	83	77497	14.62	ug/l		97
58) 1,2,3-Trichloropropane	13.63	75	61769	15.17	ug/l		93
59) n-Propyl benzene	13.62	91	277650	14.61	ug/l		95
60) Bromobenzene	13.50	77	110718	14.03	ug/l		96
61) 1,3,5-Trimethylbenzene	13.86	105	167007	13.26	ug/l		93
62) 2-Chlorotoluene	13.74	91	166916	13.84	ug/l		91
63) 4-Chlorotoluene	13.89	91	187697	14.24	ug/l		94
64) tert-Butylbenzene	14.24	119	134266	12.20	ug/l		91
65) 1,2,4-Trimethylbenzene	14.32	105	168403	13.23	ug/l		95
66) sec-Butylbenzene	14.51	105	233055	13.07	ug/l		97
67) p-Isopropyltoluene	14.69	119	171215	12.66	ug/l		99
68) 1,3-Dichlorobenzene	14.67	146	80829	11.23	ug/l		99
69) 1,4-Dichlorobenzene	14.78	146	81747	11.41	ug/l		97
70) n-Butylbenzene	15.18	91	195988	13.48	ug/l		99
71) 1,2-Dichlorobenzene	15.23	146	76757	11.41	ug/l		97
72) 1,2-Dibromo-3-Chloropropan	16.18	157	9392	9.31	ug/l	#	82
73) 1,2,4-Trichlorobenzene	17.09	180	45122	9.62	ug/l		93
74) Hexachlorobutadiene	17.23	225	17092	7.56	ug/l	#	60
75) Naphthalene	17.38	128	148595	12.32	ug/l		98
76) 1,2,3-Trichlorobenzene	17.67	180	39773	9.47	ug/l		92

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

V-120

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0718\D4105.D Vial: 2
Acq On : 18 Jul 2006 9:51 Operator: GARY
Sample : VSTD010 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 18 13:28 2006 Quant Results File: VD8S0714.RES

Quant Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0714

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77) Methyl t-butyl ether	3.81	73	324933	46.42	ug/l	94

(#) = qualifier out of range (m) = manual integration
V-107

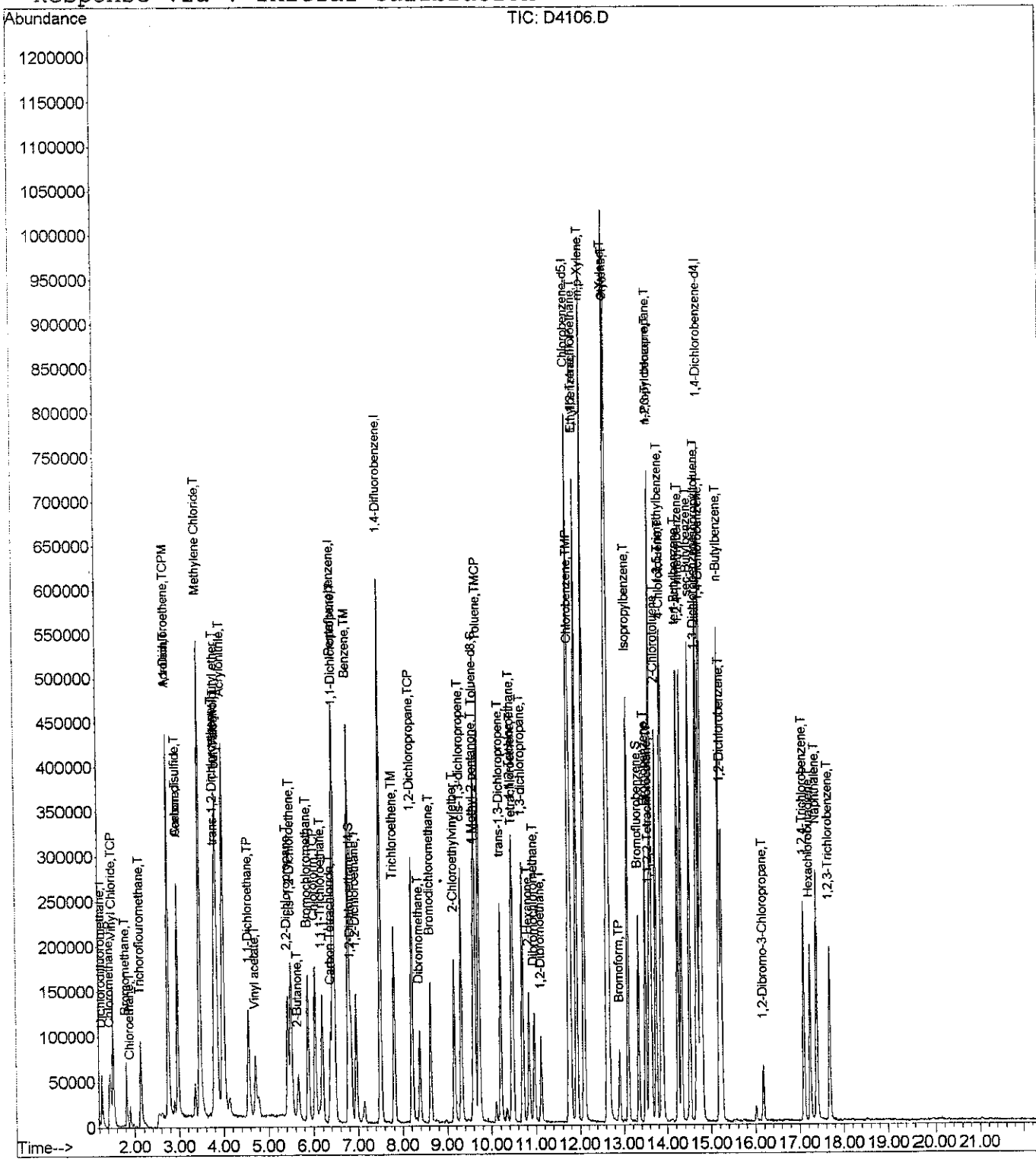
Quantitation Report

Data File : D:\D\DATA\JUL06\D0718\D4106.D
Acq On : 18 Jul 2006 10:31
Sample : VSTD020
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 18 10:53 2006

Vial: 3
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VD8S0714.R

Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration



V-128

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0718\D4106.D
Acq On : 18 Jul 2006 10:31
Sample : VSTD020
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 18 10:53 2006

Vial: 3
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S0714.RES

Quant Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0714

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.45	168	301126	50.00	ug/l	-0.15
24) 1,4-Difluorobenzene	7.51	114	611223	50.00	ug/l	0.00
43) Chlorobenzene-d5	11.75	117	516916	50.00	ug/l	0.00
55) 1,4-Dichlorobenzene-d4	14.76	152	213747	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.84	65	98538	20.99	ug/l	0.00
Spiked Amount 50.000	Range 76 - 114		Recovery = 41.98%#			
36) Toluene-d8	9.62	98	310450	23.75	ug/l	0.00
Spiked Amount 50.000	Range 88 - 110		Recovery = 47.50%#			
42) Bromofluorobenzene	13.33	95	119287	20.66	ug/l	0.00
Spiked Amount 50.000	Range 86 - 115		Recovery = 41.32%#			
Target Compounds						Qvalue
2) Acrolein	2.75	56	227631	301.63	ug/l	99
3) Acrylonitrile	4.00	53	603750	208.03	ug/l	98
4) Acetone	2.96	43	118431	39.60	ug/l	96
5) Dichlorodifluoromethane	1.25	85	60629	24.68	ug/l	98
6) Chloromethane	1.44	50	172543	38.42	ug/l	96
7) Vinyl Chloride	1.51	62	169045	36.73	ug/l	97
8) Bromomethane	1.82	94	48063	30.64	ug/l	97
9) Chloroethane	1.90	64	25408	28.29	ug/l	91
10) Trichoroflouromethane	2.14	101	117607	25.74	ug/l	99
11) 1,1-Dichloroethene	2.76	61	178647	37.56	ug/l	91
12) Carbon disulfide	2.97	76	323718	41.79	ug/l	91
13) Methylene Chloride	3.47	49	489593	56.70	ug/l	83
14) trans-1,2-Dichloroethene	3.80	61	165690	33.77	ug/l	91
15) 1,1-Dichloroethane	4.56	63	201561	32.65	ug/l	98
16) Vinyl acetate	4.71	43	169005	34.01	ug/l	92
17) 2,2-Dichloropropane	5.43	77	126322	23.07	ug/l	95
18) 2-Butanone	5.66	43	130685	52.57	ug/l	88
19) cis-1,2-Dichloroethene	5.51	61	166801	30.08	ug/l	96
20) Chloroform	6.03	83	193626	28.12	ug/l	99
21) Bromochloromethane	5.88	130	62879	27.12	ug/l #	57
22) 1,1,1-Trichloroethane	6.20	97	127757	24.60	ug/l	94
23) T-butyl alcohol	3.85	59	129235	308.68	ug/l #	1
26) 1,1-Dichloropropene	6.48	110	52129	24.85	ug/l #	90
27) Carbon Tetrachloride	6.39	117	96342	21.53	ug/l	95
28) 1,2-Dichloroethane	6.96	62	145727	21.92	ug/l	89
29) Benzene	6.78	78	519882	28.48	ug/l	95
30) Trichloroethene	7.81	95	112128	24.14	ug/l #	79
31) 1,2-Dichloropropane	8.21	63	166569	29.12	ug/l	97

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

Y-129

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0718\D4106.D
Acq On : 18 Jul 2006 10:31
Sample : VSTD020
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 18 10:53 2006

Vial: 3
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S0714.RES

Quant Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0714

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
32)	Bromodichloromethane	8.64	83	142783	22.13	ug/l		99
33)	Dibromomethane	8.39	174	51706	18.02	ug/l		92
34)	2-Chloroethylvinylether	9.17	63	105182	27.30	ug/l		98
35)	cis-1,3-dichloropropene	9.32	75	222855	25.81	ug/l		97
37)	Toluene	9.73	91	458943	25.63	ug/l		99
38)	trans-1,3-Dichloropropene	10.21	75	180593	23.26	ug/l		96
39)	1,1,2-Trichloroethane	10.46	97	101940	23.84	ug/l		98
40)	4-Methyl-2-pentanone	9.59	43	208597	29.60	ug/l		89
41)	1,2-Dibromoethane	11.12	107	98798	22.41	ug/l		94
44)	2-Hexanone	10.84	43	151655	32.58	ug/l		81
45)	1,3-dichloropropane	10.71	76	222496	27.48	ug/l		100
46)	Tetrachloroethene	10.49	166	80762	19.85	ug/l	#	70
47)	Dibromochloromethane	10.97	129	84323	20.90	ug/l		91
48)	Ethylbenzene	11.93	91	493954	26.61	ug/l		93
49)	Chlorobenzene	11.79	112	258312	23.69	ug/l		93
50)	1,1,1,2-Tetrachloroethane	11.93	131	76890	21.45	ug/l		93
51)	m,p-Xylene	12.10	91	726037	53.22	ug/l		95
52)	o-Xylene	12.63	91	741927	53.66	ug/l		93
53)	Styrene	12.67	104	569761	51.63	ug/l		93
54)	Bromoform	12.91	173	43296	16.53	ug/l		75
56)	Isopropylbenzene	13.10	105	394084	28.49	ug/l		95
57)	1,1,2,2-Tetrachloroethane	13.59	83	160169	31.60	ug/l		99
58)	1,2,3-Trichloropropane	13.64	75	123190	31.65	ug/l		97
59)	n-Propyl benzene	13.62	91	564186	31.06	ug/l		95
60)	Bromobenzene	13.50	77	223755	29.65	ug/l		98
61)	1,3,5-Trimethylbenzene	13.86	105	336403	27.94	ug/l		92
62)	2-Chlorotoluene	13.74	91	334401	29.00	ug/l		94
63)	4-Chlorotoluene	13.89	91	367300	29.15	ug/l		93
64)	tert-Butylbenzene	14.24	119	271687	25.83	ug/l		92
65)	1,2,4-Trimethylbenzene	14.32	105	339911	27.93	ug/l		94
66)	sec-Butylbenzene	14.51	105	480969	28.21	ug/l		97
67)	p-Isopropyltoluene	14.69	119	346939	26.83	ug/l		97
68)	1,3-Dichlorobenzene	14.67	146	166525	24.21	ug/l		100
69)	1,4-Dichlorobenzene	14.79	146	167535	24.46	ug/l		96
70)	n-Butylbenzene	15.19	91	402123	28.93	ug/l		98
71)	1,2-Dichlorobenzene	15.24	146	153950	23.93	ug/l		99
72)	1,2-Dibromo-3-Chloropropan	16.18	157	18682	19.38	ug/l	#	72
73)	1,2,4-Trichlorobenzene	17.10	180	94148	20.99	ug/l		94
74)	Hexachlorobutadiene	17.24	225	38673	17.90	ug/l	#	60
75)	Naphthalene	17.38	128	292975	25.41	ug/l		99
76)	1,2,3-Trichlorobenzene	17.68	180	82404	20.53	ug/l		96

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

V-130

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0718\D4106.D
Acq On : 18 Jul 2006 10:31
Sample : VSTD020
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 18 10:53 2006

Vial: 3
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S0714.RES

Quant Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0714

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77) Methyl t-butyl ether	3.84	73	457828	68.42	ug/l	96

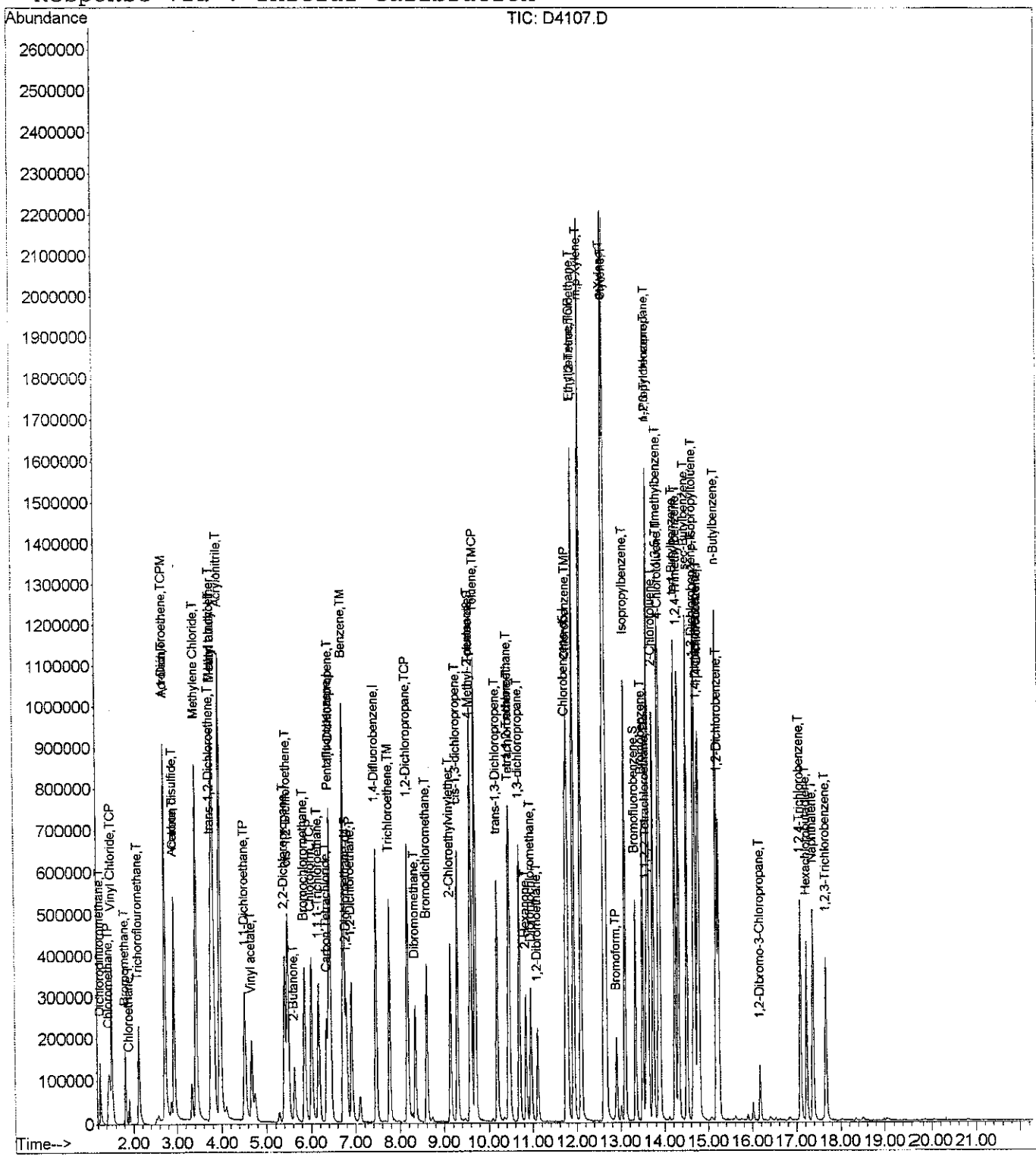
(#) = qualifier out of range (m) = manual integration

Y-131

Quantitation Report

Data File : D:\D\DATA\JUL06\D0718\D4107.D Vial: 4
Acq On : 18 Jul 2006 11:04 Operator: GARY
Sample : VSTD050 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 18 11:26 2006 Quant Results File: VD8S0714.R

Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration



V-136

Quantitation Report (Not Reviewed)

Data File : D:\D\DATA\JUL06\D0718\D4107.D
Acq On : 18 Jul 2006 11:04
Sample : VSTD050
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 18 11:26 2006

Vial: 4
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S0714.RES

Quant Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0714

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	301258	50.00	ug/l	-0.19
24) 1,4-Difluorobenzene	7.47	114	638151	50.00	ug/l	-0.04
43) Chlorobenzene-d5	11.75	117	540360	50.00	ug/l	0.00
55) 1,4-Dichlorobenzene-d4	14.77	152	215982	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.80	65	222803	45.46	ug/l	-0.04
Spiked Amount 50.000	Range 76 - 114		Recovery = 90.92%			
36) Toluene-d8	9.61	98	698610	51.20	ug/l	-0.01
Spiked Amount 50.000	Range 88 - 110		Recovery = 102.40%			
42) Bromofluorobenzene	13.34	95	272154	45.14	ug/l	0.00
Spiked Amount 50.000	Range 86 - 115		Recovery = 90.28%			
Target Compounds						Qvalue
2) Acrolein	2.72	56	481824	638.17	ug/l	98
3) Acrylonitrile	3.97	53	1430225	492.59	ug/l	99
4) Acetone	2.95	43	169034	56.50	ug/l	98
5) Dichlorodifluoromethane	1.26	85	136862	55.69	ug/l	98
6) Chloromethane	1.46	50	391657	87.18	ug/l	99
7) Vinyl Chloride	1.52	62	387554	84.17	ug/l	98
8) Bromomethane	1.82	94	105950	67.52	ug/l	89
9) Chloroethane	1.91	64	56993	63.42	ug/l	92
10) Trichoroflouromethane	2.12	101	261632	57.23	ug/l	98
11) 1,1-Dichloroethene	2.72	61	407210	85.57	ug/l	91
12) Carbon disulfide	2.93	76	796871	102.82	ug/l	96
13) Methylene Chloride	3.44	49	817817	94.67	ug/l	81
14) trans-1,2-Dichloroethene	3.77	61	415829	84.72	ug/l	91
15) 1,1-Dichloroethane	4.53	63	525765	85.14	ug/l	98
16) Vinyl acetate	4.68	43	451886	90.90	ug/l	93
17) 2,2-Dichloropropane	5.42	77	376426	68.73	ug/l	96
18) 2-Butanone	5.63	43	270815	108.90	ug/l	86
19) cis-1,2-Dichloroethene	5.48	61	483915	87.24	ug/l	89
20) Chloroform	6.01	83	441680	64.11	ug/l	98
21) Bromochloromethane	5.86	130	144531	62.31	ug/l #	55
22) 1,1,1-Trichloroethane	6.18	97	297602	57.28	ug/l	94
23) T-butyl alcohol	3.81	59	293696	701.20	ug/l #	1
26) 1,1-Dichloropropene	6.44	110	116628	53.24	ug/l #	85
27) Carbon Tetrachloride	6.36	117	237150	50.76	ug/l	95
28) 1,2-Dichloroethane	6.92	62	335300	48.30	ug/l	89
29) Benzene	6.74	78	1167937	61.29	ug/l	91
30) Trichloroethene	7.77	95	258947	53.39	ug/l	91
31) 1,2-Dichloropropane	8.18	63	379996	63.63	ug/l	98

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

V-133

Quantitation Report (Not Reviewed)

Data File : D:\D\DATA\JUL06\D0718\D4107.D
Acq On : 18 Jul 2006 11:04
Sample : VSTD050
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 18 11:26 2006

Vial: 4
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VD8S0714.RES

Quant Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0714

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
32)	Bromodichloromethane	8.61	83	336127	49.89	ug/l		99
33)	Dibromomethane	8.35	174	119385	39.86	ug/l		92
34)	2-Chloroethylvinylether	9.15	63	236265	58.74	ug/l		99
35)	cis-1,3-dichloropropene	9.30	75	506030	56.14	ug/l		98
37)	Toluene	9.71	91	1025756	54.87	ug/l		98
38)	trans-1,3-Dichloropropene	10.19	75	416751	51.42	ug/l		96
39)	1,1,2-Trichloroethane	10.45	97	232277	52.02	ug/l		97
40)	4-Methyl-2-pentanone	9.59	43	452044	61.43	ug/l		93
41)	1,2-Dibromoethane	11.12	107	228260	49.58	ug/l		100
44)	2-Hexanone	10.85	43	323641	66.51	ug/l		84
45)	1,3-dichloropropane	10.70	76	501838	59.30	ug/l		99
46)	Tetrachloroethene	10.48	166	182450	42.89	ug/l	#	73
47)	Dibromochloromethane	10.97	129	194868	46.21	ug/l		99
48)	Ethylbenzene	11.93	91	1084854	55.90	ug/l		96
49)	Chlorobenzene	11.79	112	598159	52.49	ug/l		95
50)	1,1,1,2-Tetrachloroethane	11.94	131	175603	46.86	ug/l		97
51)	m,p-Xylene	12.10	91	1568964	110.02	ug/l		96
52)	o-Xylene	12.63	91	1568539	108.53	ug/l		98
53)	Styrene	12.67	104	1224747	106.16	ug/l		92
54)	Bromoform	12.91	173	104914	38.32	ug/l		85
56)	Isopropylbenzene	13.10	105	877441	62.77	ug/l		97
57)	1,1,2,2-Tetrachloroethane	13.59	83	345901	67.54	ug/l		99
58)	1,2,3-Trichloropropane	13.64	75	258542	65.74	ug/l		94
59)	n-Propyl benzene	13.63	91	1227778	66.90	ug/l		98
60)	Bromobenzene	13.50	77	507653	66.58	ug/l		98
61)	1,3,5-Trimethylbenzene	13.87	105	730503	60.05	ug/l		93
62)	2-Chlorotoluene	13.74	91	732449	62.86	ug/l		96
63)	4-Chlorotoluene	13.90	91	800309	62.85	ug/l		94
64)	tert-Butylbenzene	14.24	119	613193	57.69	ug/l		91
65)	1,2,4-Trimethylbenzene	14.32	105	738036	60.01	ug/l		94
66)	sec-Butylbenzene	14.51	105	1065660	61.87	ug/l		96
67)	p-Isopropyltoluene	14.70	119	744217	56.95	ug/l		100
68)	1,3-Dichlorobenzene	14.67	146	369673	53.19	ug/l		96
69)	1,4-Dichlorobenzene	14.79	146	366453	52.95	ug/l		96
70)	n-Butylbenzene	15.19	91	881997	62.79	ug/l		100
71)	1,2-Dichlorobenzene	15.24	146	339602	52.25	ug/l		100
72)	1,2-Dibromo-3-Chloropropan	16.18	157	40571	41.65	ug/l		87
73)	1,2,4-Trichlorobenzene	17.09	180	195043	43.03	ug/l		97
74)	Hexachlorobutadiene	17.23	225	87839	40.24	ug/l	#	59
75)	Naphthalene	17.38	128	523492	44.94	ug/l		99
76)	1,2,3-Trichlorobenzene	17.67	180	162028	39.95	ug/l		99

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

Quantitation Report (Not Reviewed)

Data File : D:\D\DATA\JUL06\D0718\D4107.D
Acq On : 18 Jul 2006 11:04
Sample : VSTD050
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 18 11:26 2006

Vial: 4
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VD8S0714.RES

Quant Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0714

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77) Methyl t-butyl ether	3.82	73	1094619	161.90	ug/l	91

(#) = qualifier out of range (m) = manual integration
D4107.D VD8S0714.M Wed Aug 09 15:08:44 2006

V-135

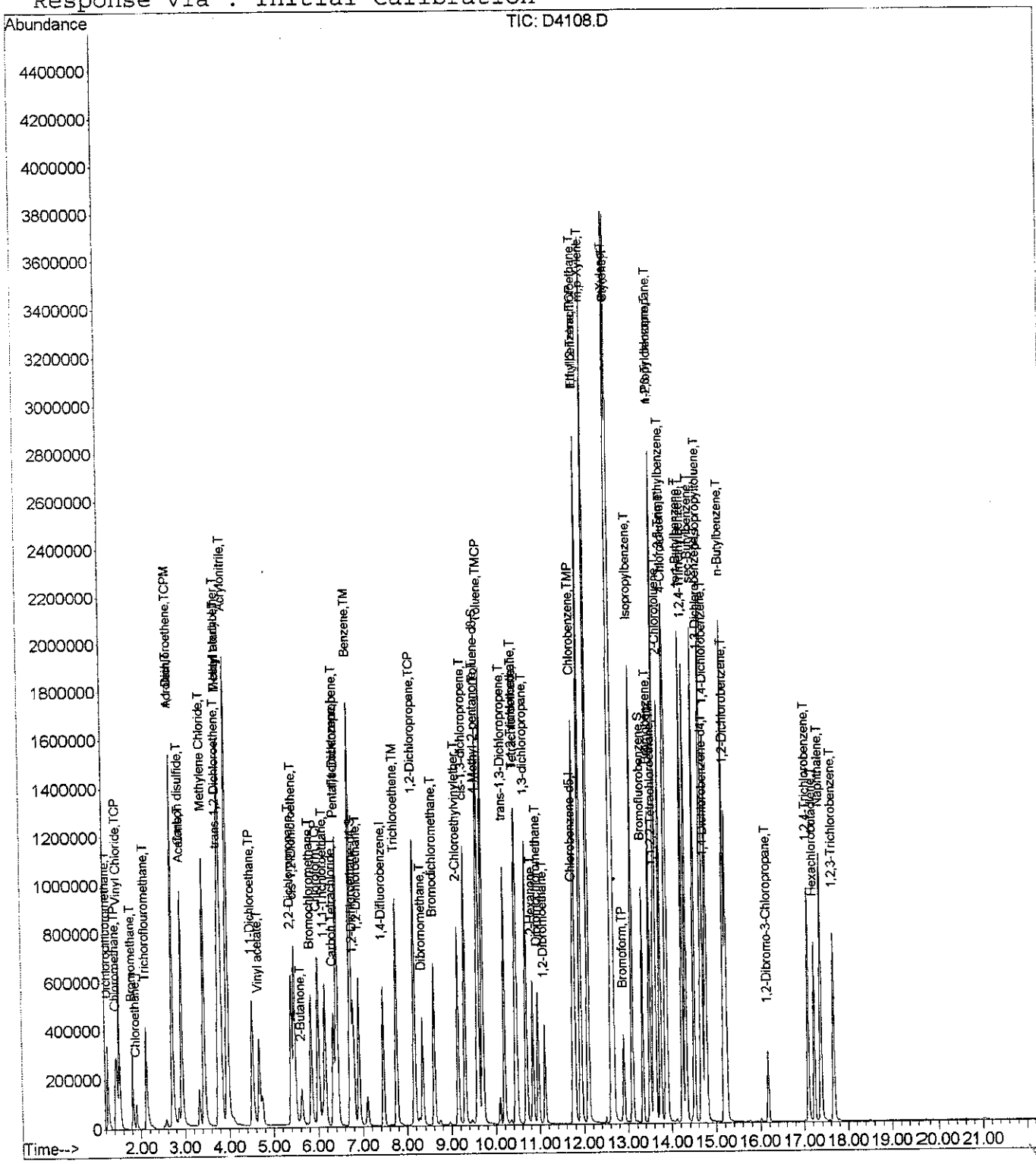
Quantitation Report

Data File : D:\D\DATA\JUL06\D0718\D4108.D
Acq On : 18 Jul 2006 11:42
Sample : VSTD100
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 18 12:04 2006

Vial: 5
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VD8S0714.R

Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration



Y-136

Quantitation Report (Not Reviewed)

Data File : D:\D\DATA\JUL06\D0718\D4108.D
Acq On : 18 Jul 2006 11:42
Sample : VSTD100
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 18 12:04 2006

Vial: 5
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S0714.RES

Quant Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0714

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	263587	50.00	ug/l	-0.19
24) 1,4-Difluorobenzene	7.46	114	563179	50.00	ug/l	-0.04
43) Chlorobenzene-d5	11.75	117	463882	50.00	ug/l	0.00
55) 1,4-Dichlorobenzene-d4	14.76	152	190684	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.80	65	404315	93.47	ug/l	-0.04
Spiked Amount 50.000	Range 76 - 114		Recovery = 186.94%#			
36) Toluene-d8	9.62	98	1233000	102.39	ug/l	0.00
Spiked Amount 50.000	Range 88 - 110		Recovery = 204.78%#			
42) Bromofluorobenzene	13.34	95	497918	93.58	ug/l	0.00
Spiked Amount 50.000	Range 86 - 115		Recovery = 187.16%#			
Target Compounds						Qvalue
2) Acrolein	2.72	56	865103	1309.57	ug/l	99
3) Acrylonitrile	3.97	53	2500312	984.21	ug/l	99
4) Acetone	2.94	43	382906	146.27	ug/l	97
5) Dichlorodifluoromethane	1.25	85	380017	176.72	ug/l	100
6) Chloromethane	1.45	50	893099	227.21	ug/l	97
7) Vinyl Chloride	1.51	62	814329	202.13	ug/l	97
8) Bromomethane	1.81	94	225902	164.54	ug/l	92
9) Chloroethane	1.90	64	123183	156.66	ug/l	92
10) Trichoroflouromethane	2.12	101	526084	131.52	ug/l	99
11) 1,1-Dichloroethene	2.72	61	709711	170.45	ug/l	92
12) Carbon disulfide	2.93	76	1350290	199.12	ug/l	95
13) Methylene Chloride	3.44	49	1063277	140.67	ug/l	84
14) trans-1,2-Dichloroethene	3.76	61	721518	168.00	ug/l	91
15) 1,1-Dichloroethane	4.52	63	914200	169.20	ug/l	97
16) Vinyl acetate	4.68	43	841753	193.53	ug/l	94
17) 2,2-Dichloropropane	5.41	77	605558	126.36	ug/l	95
18) 2-Butanone	5.63	43	361762	166.26	ug/l	88
19) cis-1,2-Dichloroethene	5.47	61	697251	143.66	ug/l	94
20) Chloroform	6.01	83	800913	132.87	ug/l	93
21) Bromochloromethane	5.85	130	241888	119.19	ug/l	90
22) 1,1,1-Trichloroethane	6.16	97	539034	118.58	ug/l	94
23) T-butyl alcohol	3.81	59	546932	1492.42	ug/l #	1
26) 1,1-Dichloropropene	6.43	110	207331	107.25	ug/l #	76
27) Carbon Tetrachloride	6.35	117	422416	102.46	ug/l	99
28) 1,2-Dichloroethane	6.92	62	607254	99.12	ug/l	90
29) Benzene	6.73	78	2039879	121.30	ug/l	91
30) Trichloroethene	7.76	95	466321	108.94	ug/l	93
31) 1,2-Dichloropropane	8.17	63	679018	128.84	ug/l	97

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

V-137

Quantitation Report (Not Reviewed)

Data File : D:\D\DATA\JUL06\D0718\D4108.D Vial: 5
Acq On : 18 Jul 2006 11:42 Operator: GARY
Sample : VSTD100 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 18 12:04 2006 Quant Results File: VD8S0714.RES

Quant Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0714

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
32)	Bromodichloromethane	8.62	83	607536	102.18	ug/l		95
33)	Dibromomethane	8.35	174	223747	84.64	ug/l		97
34)	2-Chloroethylvinylether	9.15	63	447508	126.07	ug/l		98
35)	cis-1,3-dichloropropene	9.31	75	913598	114.85	ug/l		98
37)	Toluene	9.71	91	1764617	106.97	ug/l		95
38)	trans-1,3-Dichloropropene	10.20	75	759838	106.23	ug/l		97
39)	1,1,2-Trichloroethane	10.45	97	422901	107.32	ug/l		100
40)	4-Methyl-2-pentanone	9.59	43	842349	129.71	ug/l		92
41)	1,2-Dibromoethane	11.11	107	415208	102.20	ug/l		100
44)	2-Hexanone	10.84	43	580025	138.86	ug/l		88
45)	1,3-dichloropropane	10.70	76	885058	121.82	ug/l		95
46)	Tetrachloroethene	10.48	166	327585	89.70	ug/l	#	73
47)	Dibromochloromethane	10.96	129	360430	99.55	ug/l		93
48)	Ethylbenzene	11.93	91	1850315	111.07	ug/l		99
49)	Chlorobenzene	11.79	112	1044704	106.78	ug/l		95
50)	1,1,1,2-Tetrachloroethane	11.93	131	320716	99.70	ug/l		97
51)	m,p-Xylene	12.10	91	2618252	213.88	ug/l		98
52)	o-Xylene	12.63	91	2634806	212.37	ug/l		98
53)	Styrene	12.67	104	2122872	214.35	ug/l		89
54)	Bromoform	12.91	173	205372	87.38	ug/l		89
56)	Isopropylbenzene	13.10	105	1519861	123.15	ug/l		100
57)	1,1,2,2-Tetrachloroethane	13.59	83	655585	145.00	ug/l		99
58)	1,2,3-Trichloropropane	13.64	75	487867	140.51	ug/l		96
59)	n-Propyl benzene	13.63	91	2076587	128.17	ug/l		100
60)	Bromobenzene	13.50	77	903036	134.14	ug/l		98
61)	1,3,5-Trimethylbenzene	13.87	105	1264372	117.72	ug/l		95
62)	2-Chlorotoluene	13.74	91	1307918	127.13	ug/l		95
63)	4-Chlorotoluene	13.89	91	1415980	125.96	ug/l		95
64)	tert-Butylbenzene	14.24	119	1066839	113.69	ug/l		91
65)	1,2,4-Trimethylbenzene	14.32	105	1279082	117.81	ug/l		96
66)	sec-Butylbenzene	14.51	105.	1808876	118.94	ug/l		98
67)	p-Isopropyltoluene	14.70	119	1277806	110.76	ug/l		96
68)	1,3-Dichlorobenzene	14.67	146	667563	108.80	ug/l		95
69)	1,4-Dichlorobenzene	14.79	146	657728	107.64	ug/l		97
70)	n-Butylbenzene	15.19	91	1484116	119.68	ug/l		97
71)	1,2-Dichlorobenzene	15.24	146	611332	106.54	ug/l		97
72)	1,2-Dibromo-3-Chloropropan	16.18	157	92114	107.11	ug/l		91
73)	1,2,4-Trichlorobenzene	17.10	180	369228	92.27	ug/l		98
74)	Hexachlorobutadiene	17.23	225	157549	81.74	ug/l	#	60
75)	Naphthalene	17.38	128	1148624	111.69	ug/l		100
76)	1,2,3-Trichlorobenzene	17.67	180	331311	92.53	ug/l		97

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

Y-138

Quantitation Report (Not Reviewed)

Data File : D:\D\DATA\JUL06\D0718\D4108.D Vial: 5
Acq On : 18 Jul 2006 11:42 Operator: GARY
Sample : VSTD100 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 18 12:04 2006 Quant Results File: VD8S0714.RES

Quant Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0714

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77) Methyl t-butyl ether	3.81	73	1865555	312.52	ug/l	88

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

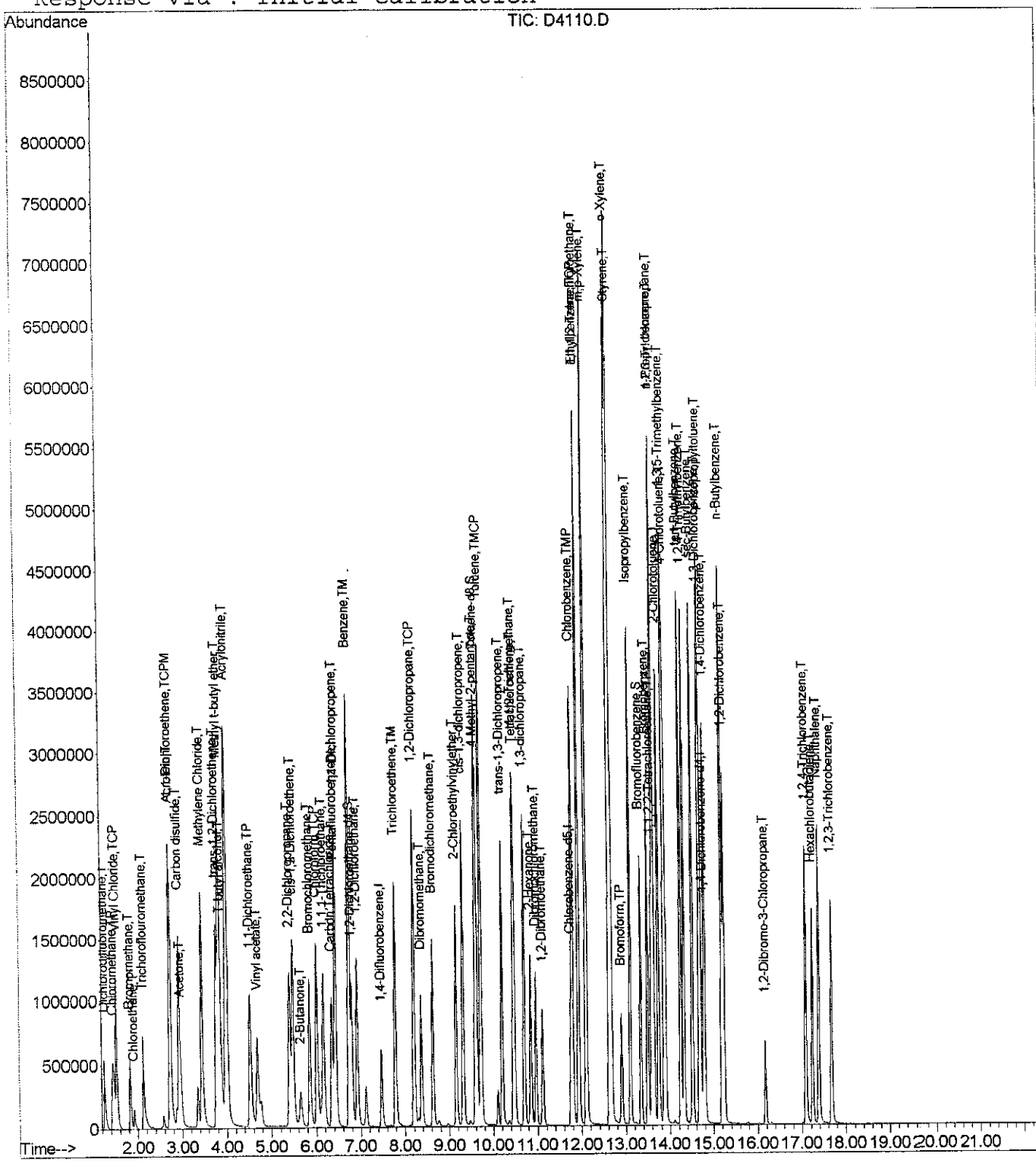
Quantitation Report

Data File : D:\D\DATA\JUL06\D0718\D4110.D
Acq On : 18 Jul 2006 12:58
Sample : VSTD200
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 18 13:20 2006

Vial: 7
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VD8S0714.R

Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration



V-140

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0718\D4110.D
Acq On : 18 Jul 2006 12:58
Sample : VSTD200
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 18 13:20 2006

Vial: 7
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S0714.RES

Quant Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0714

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	286695	50.00	ug/l	-0.19
24) 1,4-Difluorobenzene	7.48	114	604479	50.00	ug/l	-0.03
43) Chlorobenzene-d5	11.76	117	516526	50.00	ug/l	0.00
55) 1,4-Dichlorobenzene-d4	14.77	152	207734	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.80	65	904809	194.88	ug/l	-0.04
Spiked Amount 50.000	Range 76 - 114		Recovery = 389.76%#			
36) Toluene-d8	9.62	98	2536754	196.27	ug/l	0.00
Spiked Amount 50.000	Range 88 - 110		Recovery = 392.54%#			
42) Bromofluorobenzene	13.34	95	1087663	190.45	ug/l	0.00
Spiked Amount 50.000	Range 86 - 115		Recovery = 380.90%#			
Target Compounds						Qvalue
2) Acrolein	2.74	56	1674187	2330.08	ug/l	96
3) Acrylonitrile	4.00	53	4925949	1782.74	ug/l	96
4) Acetone	2.97	43	759416	266.71	ug/l	98
5) Dichlorodifluoromethane	1.25	85	662555	283.27	ug/l	98
6) Chloromethane	1.45	50	1601957	374.71	ug/l	97
7) Vinyl Chloride	1.51	62	1495541	341.30	ug/l	95
8) Bromomethane	1.82	94	427030	285.97	ug/l	88
9) Chloroethane	1.91	64	235394	275.24	ug/l	95
10) Trichoroflouromethane	2.12	101	849461	195.25	ug/l	100
11) 1,1-Dichloroethene	2.72	61	1403086	309.82	ug/l	98
12) Carbon disulfide	2.93	76	2712781	367.79	ug/l	92
13) Methylene Chloride	3.44	49	1853445	225.44	ug/l	86
14) trans-1,2-Dichloroethene	3.77	61	1493071	319.63	ug/l	94
15) 1,1-Dichloroethane	4.53	63	1922676	327.17	ug/l	96
16) Vinyl acetate	4.69	43	1808096	382.19	ug/l	96
17) 2,2-Dichloropropane	5.41	77	1239032	237.71	ug/l	98
18) 2-Butanone	5.66	43	732713	309.61	ug/l	89
19) cis-1,2-Dichloroethene	5.48	61	1424302	269.80	ug/l	98
20) Chloroform	6.01	83	1709369	260.72	ug/l	93
21) Bromochloromethane	5.86	130	545919	247.31	ug/l	92
22) 1,1,1-Trichloroethane	6.17	97	1162407	235.11	ug/l	93
23) T-butyl alcohol	3.87	59	1194317	2996.27	ug/l #	34
26) 1,1-Dichloropropene	6.43	110	459054	221.24	ug/l	93
27) Carbon Tetrachloride	6.35	117	907593	205.09	ug/l	98
28) 1,2-Dichloroethane	6.92	62	1347953	205.00	ug/l	91
29) Benzene	6.74	78	4078171	225.94	ug/l	84
30) Trichloroethene	7.79	95	1030884	224.38	ug/l	94
31) 1,2-Dichloropropane	8.20	63	1445885	255.61	ug/l	97

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

V-104

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0718\D4110.D
Acq On : 18 Jul 2006 12:58
Sample : VSTD200
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 18 13:20 2006

Vial: 7
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S0714.RES

Quant Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0714

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
32)	Bromodichloromethane	8.63	83	1330285	208.45	ug/l		96
33)	Dibromomethane	8.38	174	513179	180.87	ug/l		98
34)	2-Chloroethylvinylether	9.16	63	993771	260.82	ug/l		97
35)	cis-1,3-dichloropropene	9.32	75	1916538	224.46	ug/l		97
37)	Toluene	9.72	91	3574672	201.88	ug/l		90
38)	trans-1,3-Dichloropropene	10.21	75	1649893	214.90	ug/l		97
39)	1,1,2-Trichloroethane	10.46	97	917863	217.01	ug/l		99
40)	4-Methyl-2-pentanone	9.59	43	1833792	263.08	ug/l		95
41)	1,2-Dibromoethane	11.12	107	940226	215.62	ug/l		98
44)	2-Hexanone	10.85	43	1334690	286.96	ug/l		89
45)	1,3-dichloropropane	10.71	76	1911353	236.28	ug/l		95
46)	Tetrachloroethene	10.48	166	736984	181.23	ug/l	#	71
47)	Dibromochloromethane	10.97	129	818540	203.04	ug/l		94
48)	Ethylbenzene	11.93	91	3591414	193.61	ug/l		90
49)	Chlorobenzene	11.80	112	2239083	205.54	ug/l		93
50)	1,1,1,2-Tetrachloroethane	11.94	131	711802	198.73	ug/l		97
51)	m,p-Xylene	12.11	91	4789029	351.33	ug/l		85
52)	o-Xylene	12.64	91	4837974	350.20	ug/l		84
53)	Styrene	12.68	104	4032358	365.66	ug/l		81
54)	Bromoform	12.91	173	493109	188.42	ug/l		85
56)	Isopropylbenzene	13.11	105	3113857	231.60	ug/l		92
57)	1,1,2,2-Tetrachloroethane	13.59	83	1441753	292.71	ug/l		97
58)	1,2,3-Trichloropropane	13.64	75	1055956	279.17	ug/l		99
59)	n-Propyl benzene	13.64	91	3962343	224.48	ug/l		89
60)	Bromobenzene	13.50	77	1916548	261.33	ug/l		98
61)	1,3,5-Trimethylbenzene	13.87	105	2659700	227.30	ug/l		96
62)	2-Chlorotoluene	13.75	91	2701017	241.00	ug/l		97
63)	4-Chlorotoluene	13.90	91	2903173	237.05	ug/l		96
64)	tert-Butylbenzene	14.25	119	2261462	221.21	ug/l		89
65)	1,2,4-Trimethylbenzene	14.33	105	2685233	227.01	ug/l		94
66)	sec-Butylbenzene	14.52	105	3626802	218.91	ug/l		89
67)	p-Isopropyltoluene	14.71	119	2660102	211.65	ug/l		89
68)	1,3-Dichlorobenzene	14.68	146	1455715	217.78	ug/l		92
69)	1,4-Dichlorobenzene	14.80	146	1450104	217.84	ug/l		95
70)	n-Butylbenzene	15.19	91	3088610	228.62	ug/l		91
71)	1,2-Dichlorobenzene	15.24	146	1343080	214.85	ug/l		94
72)	1,2-Dibromo-3-Chloropropan	16.18	157	213826	228.23	ug/l		89
73)	1,2,4-Trichlorobenzene	17.10	180	875814	200.91	ug/l		98
74)	Hexachlorobutadiene	17.24	225	387863	184.72	ug/l	#	62
75)	Naphthalene	17.38	128	2469887	220.45	ug/l		97
76)	1,2,3-Trichlorobenzene	17.68	180	771382	197.76	ug/l		98

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

V-148

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0718\D4110.D Vial: 7
Acq On : 18 Jul 2006 12:58 Operator: GARY
Sample : VSTD200 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 18 13:20 2006 Quant Results File: VD8S0714.RES

Quant Method : D:\D\METHODS\VD8S0714.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 14 16:06:10 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0714

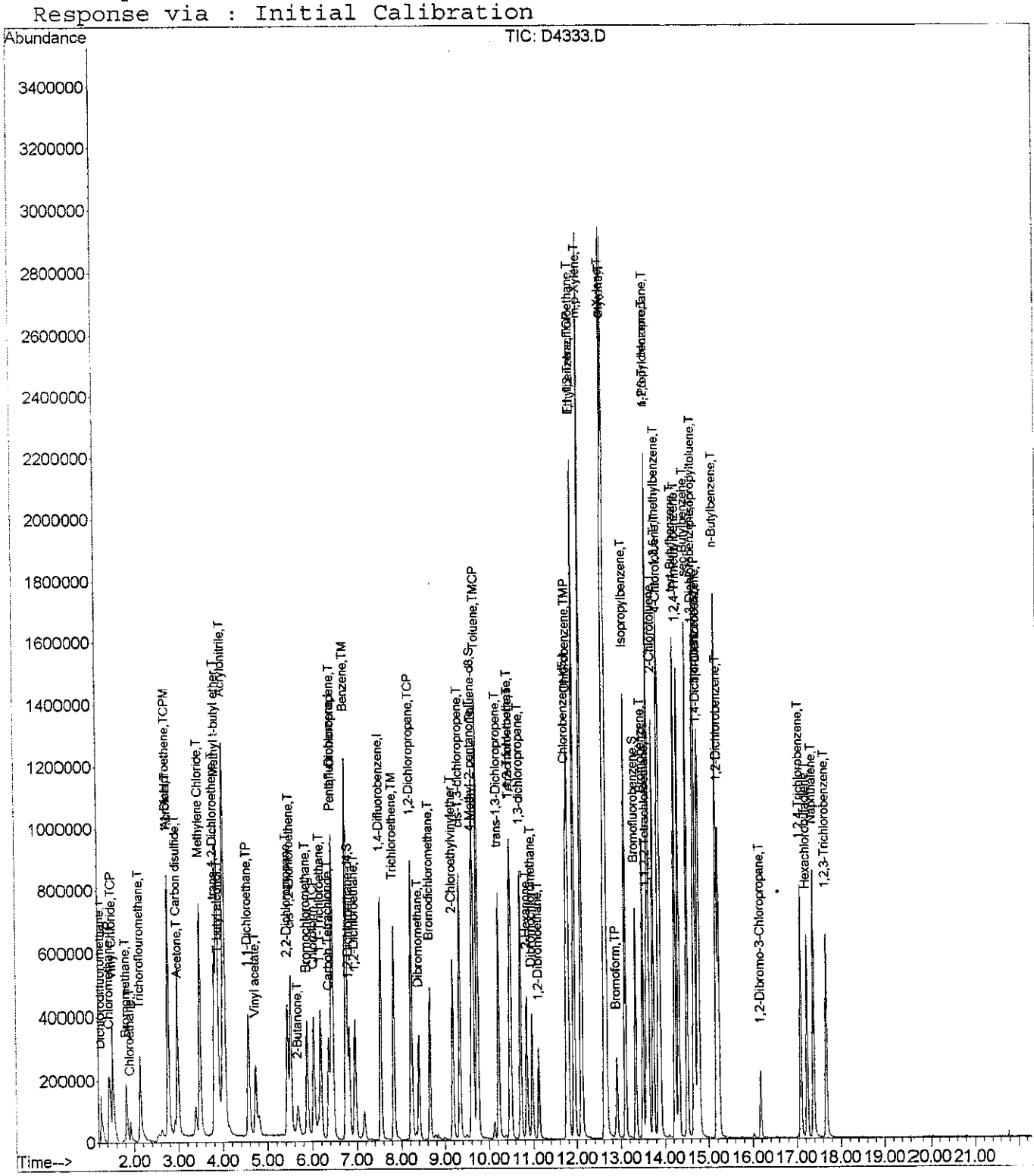
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77) Methyl t-butyl ether	3.83	73	3736035	574.50	ug/l	88

(#) = qualifier out of range (m) = manual integration V-143

Data File : D:\D\DATA\JUL06\D0731\D4333.D
Acq On : 31 Jul 2006 9:26
Sample : VSTD050
Misc : SOIL
MS Integration Params: rteint.p
Quant Time: Aug 1 8:35 2006

Vial: 14
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S0718.R

Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0731\D4333.D
Acq On : 31 Jul 2006 9:26
Sample : VSTD050
Misc : SOIL
MS Integration Params: rteint.p
Quant Time: Aug 1 8:35 2006

Vial: 14
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S0718.RES

Quant Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0718

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	360392	50.00	ug/l	-0.17
24) 1,4-Difluorobenzene	7.54	114	768679	50.00	ug/l	0.04
43) Chlorobenzene-d5	11.76	117	651545	50.00	ug/l	0.01
55) 1,4-Dichlorobenzene-d4	14.76	152	289426	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.83	65	293731	50.95	ug/l	0.00
Spiked Amount 50.000	Range 70 - 121		Recovery = 101.90%			
36) Toluene-d8	9.64	98	914724	52.07	ug/l	0.02
Spiked Amount 50.000	Range 81 - 117		Recovery = 104.14%			
42) Bromofluorobenzene	13.34	95	367330	52.77	ug/l	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 105.54%			
Target Compounds						Qvalue
2) Acrolein	2.78	56	456531	190.40	ug/l	98
3) Acrylonitrile	4.03	53	1934087	279.52	ug/l	99
4) Acetone	3.00	43	303861	49.38	ug/l	99
5) Dichlorodifluoromethane	1.25	85	214193	54.58	ug/l	99
6) Chloromethane	1.44	50	590275	57.66	ug/l	99
7) Vinyl Chloride	1.51	62	533795	54.89	ug/l	99
8) Bromomethane	1.82	94	149156	54.32	ug/l	94
9) Chloroethane	1.91	64	78718m	52.79	ug/l	
10) Trichoroflouromethane	2.14	101	357340	56.03	ug/l	98
11) 1,1-Dichloroethene	2.76	61	473308	48.37	ug/l	92
12) Carbon disulfide	2.97	76	852573	46.02	ug/l	95
13) Methylene Chloride	3.49	49	711154	24.30	ug/l	82
14) trans-1,2-Dichloroethene	3.82	61	511215	52.33	ug/l	93
15) 1,1-Dichloroethane	4.57	63	655419	53.30	ug/l	99
16) Vinyl acetate	4.73	43	587029	54.42	ug/l	93
17) 2,2-Dichloropropane	5.45	77	390192	48.02	ug/l	96
18) 2-Butanone	5.68	43	256789	43.48	ug/l	92
19) cis-1,2-Dichloroethene	5.51	61	451247	45.62	ug/l	97
20) Chloroform	6.04	83	438815	41.44	ug/l	96
21) Bromochloromethane	5.88	130	168359	49.30	ug/l	95
22) 1,1,1-Trichloroethane	6.19	97	376108	53.41	ug/l	93
23) T-butyl alcohol	3.91	59	490603	650.37	ug/l #	1
26) 1,1-Dichloropropene	6.46	110	147373	49.15	ug/l #	83
27) Carbon Tetrachloride	6.38	117	290675m	51.43	ug/l	
28) 1,2-Dichloroethane	6.96	62	454830	53.24	ug/l	88
29) Benzene	6.76	78	1492005	51.07	ug/l	93
30) Trichloroethene	7.84	95	332838	50.50	ug/l	92
31) 1,2-Dichloropropane	8.23	63	498522	51.99	ug/l	99

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

V-145

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0731\D4333.D Vial: 14
Acq On : 31 Jul 2006 9:26 Operator:
Sample : VSTD050 Inst : GC/MS Ins
Misc : SOIL Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 1 8:35 2006 Quant Results File: VD8S0718.RES

Quant Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0718

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
32) Bromodichloromethane	8.66	83	433935	51.47 ug/l		100
33) Dibromomethane	8.41	174	155554	50.09 ug/l		88
34) 2-Chloroethylvinylether	9.18	63	329561	53.16 ug/l		99
35) cis-1,3-dichloropropene	9.34	75	672422	52.58 ug/l		99
37) Toluene	9.74	91	1326818	51.54 ug/l		100
38) trans-1,3-Dichloropropene	10.22	75	566763	53.76 ug/l		97
39) 1,1,2-Trichloroethane	10.47	97	319881	54.11 ug/l		98
40) 4-Methyl-2-pentanone	9.61	43	634174	52.66 ug/l		93
41) 1,2-Dibromoethane	11.13	107	300657	51.56 ug/l		99
44) 2-Hexanone	10.86	43	475090	55.50 ug/l		89
45) 1,3-dichloropropane	10.72	76	651801	51.22 ug/l		96
46) Tetrachloroethene	10.49	166	245883	52.19 ug/l	#	73
47) Dibromochloromethane	10.98	129	267176	53.29 ug/l		94
48) Ethylbenzene	11.93	91	1430015	52.62 ug/l		96
49) Chlorobenzene	11.80	112	767091	50.95 ug/l		95
50) 1,1,1,2-Tetrachloroethane	11.94	131	235556	51.91 ug/l		99
51) m,p-Xylene	12.11	91	2048992	105.03 ug/l		98
52) o-Xylene	12.63	91	2056656	104.31 ug/l		98
53) Styrene	12.67	104	1599605	102.97 ug/l		86
54) Bromoform	12.91	173	153941	55.12 ug/l		88
56) Isopropylbenzene	13.11	105	1163204	48.59 ug/l		100
57) 1,1,2,2-Tetrachloroethane	13.59	83	485849	48.45 ug/l		99
58) 1,2,3-Trichloropropane	13.64	75	378104	49.72 ug/l		97
59) n-Propyl benzene	13.63	91	1646727	49.55 ug/l		100
60) Bromobenzene	13.50	77	670537	47.80 ug/l		100
61) 1,3,5-Trimethylbenzene	13.86	105	1003187	49.33 ug/l		97
62) 2-Chlorotoluene	13.74	91	1008887	49.19 ug/l		96
63) 4-Chlorotoluene	13.89	91	1111689	49.48 ug/l		97
64) tert-Butylbenzene	14.24	119	850128	50.51 ug/l		94
65) 1,2,4-Trimethylbenzene	14.32	105	1012512	49.29 ug/l		98
66) sec-Butylbenzene	14.51	105	1451823	50.41 ug/l		97
67) p-Isopropyltoluene	14.69	119	1057838	51.09 ug/l		99
68) 1,3-Dichlorobenzene	14.67	146	529225	50.97 ug/l		95
69) 1,4-Dichlorobenzene	14.79	146	525197	50.67 ug/l		99
70) n-Butylbenzene	15.18	91	1255046	52.17 ug/l		100
71) 1,2-Dichlorobenzene	15.24	146	491533	51.10 ug/l		100
72) 1,2-Dibromo-3-Chloropropan	16.17	157	68070	52.72 ug/l		90
73) 1,2,4-Trichlorobenzene	17.09	180	310991	53.35 ug/l		97
74) Hexachlorobutadiene	17.23	225	138099	56.24 ug/l	#	62
75) Naphthalene	17.38	128	913288	52.05 ug/l		100
76) 1,2,3-Trichlorobenzene	17.67	180	270265	53.05 ug/l		98

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

V-1460

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0731\D4333.D
Acq On : 31 Jul 2006 9:26
Sample : VSTD050
Misc : SOIL
MS Integration Params: rteint.p
Quant Time: Aug 1 8:35 2006

Vial: 14
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S0718.RES

Quant Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0718

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77) Methyl t-butyl ether	3.87	73	1405990	89.71	ug/l	93

(#) = qualifier out of range (m) = manual integration
V-149
D4333.D VD8S0718.M Wed Aug 09 15:02:24 2006 Page 3

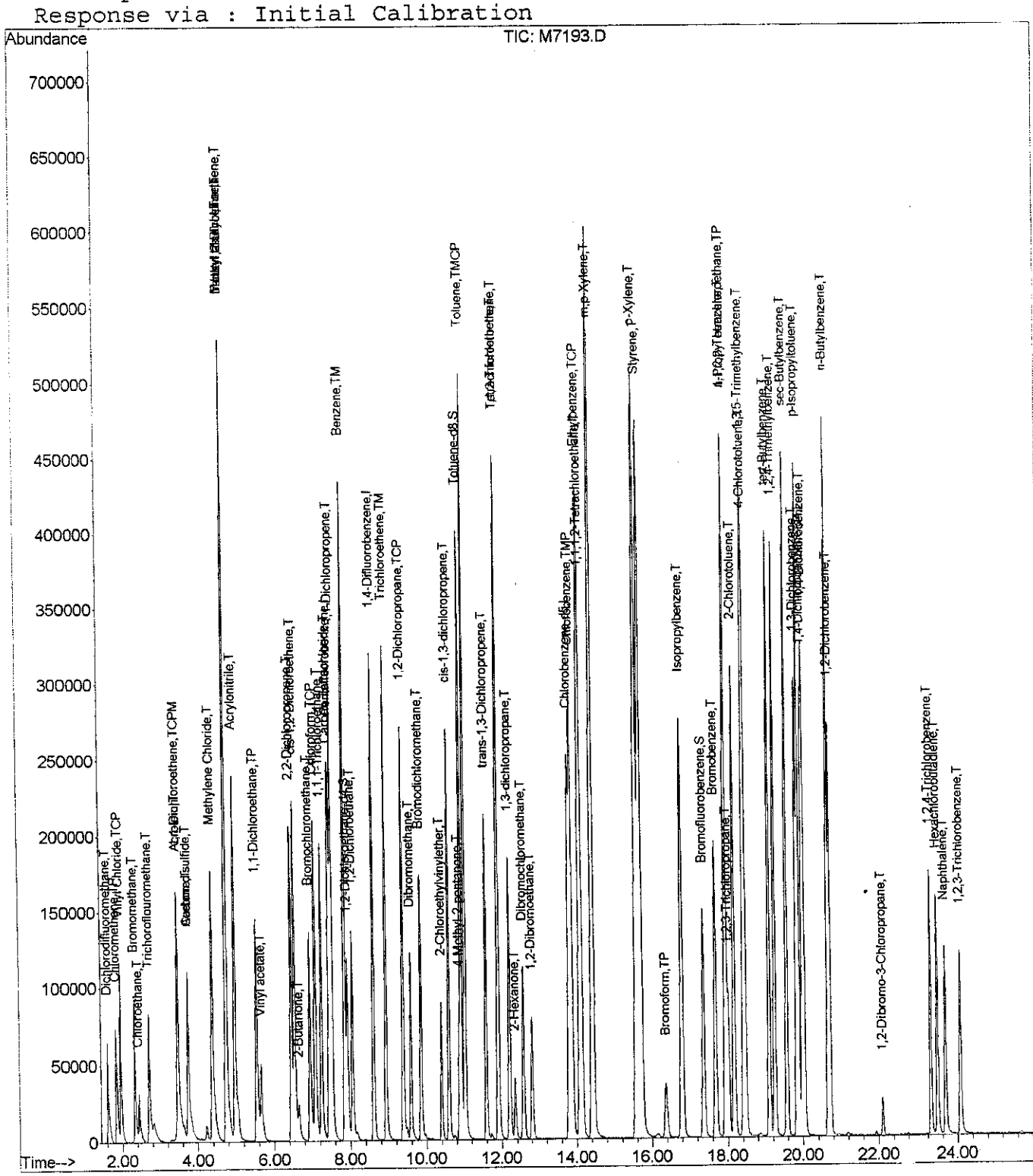
Quantitation Report

Data File : D:\M\DATA\JUL06\M0731\M7193.D
Acq On : 31 Jul 2006 13:01
Sample : VSTD050
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Jul 31 13:27 2006

Vial: 2
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8A0703.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



V-148

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0731\M7193.D
Acq On : 31 Jul 2006 13:01
Sample : VSTD050
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Jul 31 13:27 2006

Vial: 2
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0703

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.47	168	182463	50.00	ug/l		0.03
24) 1,4-Difluorobenzene	8.61	114	393501	50.00	ug/l		0.02
43) Chlorobenzene-d5	13.80	117	339086	50.00	ug/l		0.03
55) 1,4-Dichlorobenzene-d4	19.99	152	127067	50.00	ug/l		0.03
System Monitoring Compounds							
25) 1,2-Dichloroethane-d4	7.93	65	112416	40.17	ug/l		0.02
Spiked Amount 50.000	Range 76 - 114		Recovery = 80.34%				
36) Toluene-d8	10.93	98	431272	50.87	ug/l		0.03
Spiked Amount 50.000	Range 88 - 110		Recovery = 101.74%				
42) Bromofluorobenzene	17.37	95	148590	47.19	ug/l		0.04
Spiked Amount 50.000	Range 86 - 115		Recovery = 94.38%				
Target Compounds							Qvalue
2) Acrolein	3.48	56	49835	97.03	ug/l		93
3) Acrylonitrile	4.98	53	312463	138.63	ug/l		93
4) Acetone	3.75	43	31578	29.71	ug/l		68
5) Dichlorodifluoromethane	1.62	85	96293	36.96	ug/l		93
6) Chloromethane	1.84	50	151971	53.80	ug/l		97
7) Vinyl Chloride	1.95	62	165139	50.67	ug/l		98
8) Bromomethane	2.33	94	68252	47.29	ug/l		99
9) Chloroethane	2.44	64	51389	49.05	ug/l		97
10) Trichoroflouromethane	2.71	101	119587	48.65	ug/l		100
11) 1,1-Dichloroethene	3.47	61	163317	49.49	ug/l		84
12) Carbon disulfide	3.75	76	264582	44.05	ug/l		98
13) Methylene Chloride	4.39	49	180470	46.86	ug/l		83
14) trans-1,2-Dichloroethene	4.74	61	204461	52.12	ug/l		99
15) 1,1-Dichloroethane	5.54	63	260640	53.92	ug/l		99
16) Vinyl acetate	5.66	43	100451	31.55	ug/l		98
17) 2,2-Dichloropropane	6.45	77	209161	49.24	ug/l		97
18) 2-Butanone	6.66	43	34828	24.43	ug/l		97
19) cis-1,2-Dichloroethene	6.54	61	206477	50.15	ug/l		98
20) Chloroform	7.08	83	258989	52.47	ug/l		98
21) Bromochloromethane	6.94	130	92859	44.72	ug/l	#	77
22) 1,1,1-Trichloroethane	7.25	97	193245	50.02	ug/l		99
23) T-butyl alcohol	4.75	59	71506	233.83	ug/l	#	44
26) 1,1-Dichloropropene	7.53	75	237289	52.85	ug/l		99
27) Carbon Tetrachloride	7.44	119	149369	49.12	ug/l		100
28) 1,2-Dichloroethane	8.06	62	161547	40.77	ug/l		89
29) Benzene	7.85	78	597209	52.07	ug/l		98
30) Trichloroethene	8.94	95	165638	51.63	ug/l		98
31) 1,2-Dichloropropane	9.40	63	161468	51.66	ug/l		98

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

V-149

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0731\M7193.D
Acq On : 31 Jul 2006 13:01
Sample : VSTD050
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Jul 31 13:27 2006

Vial: 2
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0703

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
32) Bromodichloromethane	9.86	83	178618	46.06 ug/l	98
33) Dibromomethane	9.60	174	72999	40.41 ug/l	96
34) 2-Chloroethylvinylether	10.40	63	61388	33.62 ug/l	97
35) cis-1,3-dichloropropene	10.60	75	247379	46.59 ug/l	99
37) Toluene	11.04	91	609061	52.09 ug/l	98
38) trans-1,3-Dichloropropene	11.59	75	198087	41.77 ug/l	99
39) 1,1,2-Trichloroethane	11.90	97	114866	40.21 ug/l	100
40) 4-Methyl-2-pentanone	10.87	43	77663	27.95 ug/l	97
41) 1,2-Dibromoethane	12.81	107	118641	36.68 ug/l	98
44) 2-Hexanone	12.36	43	47272	25.04 ug/l	94
45) 1,3-dichloropropane	12.22	76	213146	40.44 ug/l	100
46) Tetrachloroethene	11.91	166	135765	50.72 ug/l	94
47) Dibromochloromethane	12.59	129	120091	40.84 ug/l	98
48) Ethylbenzene	14.09	91	656882	51.81 ug/l	99
49) Chlorobenzene	13.88	112	386602	50.07 ug/l	96
50) 1,1,1,2-Tetrachloroethane	14.14	131	128094	48.65 ug/l	98
51) m,p-Xylene	14.42	91	946039	102.28 ug/l	98
52) o-Xylene	15.59	91	922427	100.61 ug/l	97
53) Styrene	15.71	104	755159	100.43 ug/l	98
54) Bromoform	16.37	173	48462	32.43 ug/l	98
56) Isopropylbenzene	16.79	105	523876	51.93 ug/l	96
57) 1,1,2,2-Tetrachloroethane	17.95	83	114144	33.04 ug/l	99
58) 1,2,3-Trichloropropane	18.02	75	89992	32.07 ug/l	97
59) n-Propyl benzene	17.94	91	690496	52.23 ug/l	99
60) Bromobenzene	17.68	77	233942	49.65 ug/l	97
61) 1,3,5-Trimethylbenzene	18.43	105	433855	51.82 ug/l	96
62) 2-Chlorotoluene	18.18	91	413236	51.98 ug/l	97
63) 4-Chlorotoluene	18.47	91	457639	52.20 ug/l	99
64) tert-Butylbenzene	19.10	119	377146	50.47 ug/l	95
65) 1,2,4-Trimethylbenzene	19.25	105	435825	51.19 ug/l	96
66) sec-Butylbenzene	19.58	105	608814	50.97 ug/l	99
67) p-Isopropyltoluene	19.90	119	469112	49.82 ug/l	96
68) 1,3-Dichlorobenzene	19.84	146	235521	49.77 ug/l	99
69) 1,4-Dichlorobenzene	20.04	146	233419	48.88 ug/l	100
70) n-Butylbenzene	20.67	91	451051	49.82 ug/l	98
71) 1,2-Dichlorobenzene	20.73	146	201219	47.08 ug/l	100
72) 1,2-Dibromo-3-Chloropropan	22.11	157	11641	21.69 ug/l	93
73) 1,2,4-Trichlorobenzene	23.30	180	96636	42.67 ug/l	96
74) Hexachlorobutadiene	23.48	225	46858	46.02 ug/l	97
75) Naphthalene	23.69	128	198053	28.53 ug/l	100
76) 1,2,3-Trichlorobenzene	24.08	180	75701	37.65 ug/l	98

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

V-150

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0731\M7193.D
Acq On : 31 Jul 2006 13:01
Sample : VSTD050
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Jul 31 13:27 2006

Vial: 2
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0703

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77) Methyl t-butyl ether	4.75	73	452883	75.18	ug/l	94

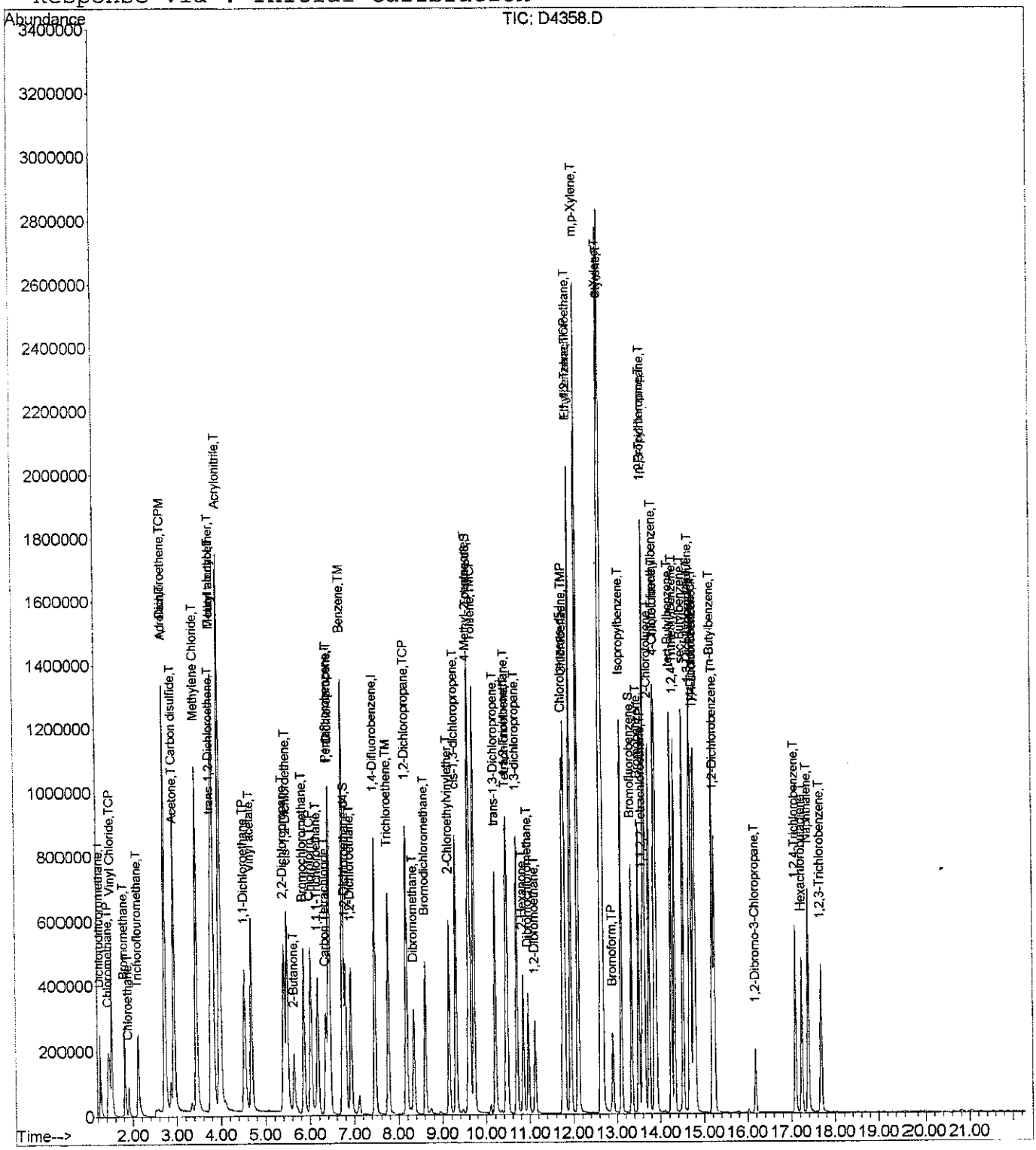
(#) = qualifier out of range (m) = manual integration
M7193.D VM8A0703.M Wed Aug 09 16:06:27 2006

V-151

Quantitation Report

Data File : D:\D\DATA\AUG06\D0801\D4358.D Vial: 14
Acq On : 1 Aug 2006 9:59 Operator:
Sample : VSTD050 Inst : GC/MS Ins
Misc : SOIL Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 1 16:27 2006 Quant Results File: VD8S0718.R

Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration



V-158

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\AUG06\D0801\D4358.D Vial: 14
Acq On : 1 Aug 2006 9:59 Operator:
Sample : VSTD050 Inst : GC/MS Ins
Misc : SOIL Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 1 16:27 2006 Quant Results File: VD8S0718.RES

Quant Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0718

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	382574	50.00	ug/l	-0.19
24) 1,4-Difluorobenzene	7.47	114	829961	50.00	ug/l	-0.03
43) Chlorobenzene-d5	11.76	117	670173	50.00	ug/l	0.00
55) 1,4-Dichlorobenzene-d4	14.77	152	279020	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.80	65	354083	56.89	ug/l	-0.04
Spiked Amount 50.000	Range 70 - 121		Recovery = 113.78%			
36) Toluene-d8	9.62	98	1039368	54.80	ug/l	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 109.60%			
42) Bromofluorobenzene	13.34	95	376110	50.04	ug/l	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 100.08%			
Target Compounds						Qvalue
2) Acrolein	2.73	56	745870	293.03	ug/l	99
3) Acrylonitrile	3.98	53	2212294	301.19	ug/l	99
4) Acetone	2.96	43	294979	45.16	ug/l	99
5) Dichlorodifluoromethane	1.25	85	235666	56.57	ug/l	100
6) Chloromethane	1.44	50	597078	54.94	ug/l	97
7) Vinyl Chloride	1.52	62	527653	51.11	ug/l	99
8) Bromomethane	1.82	94	173877	59.65	ug/l	87
9) Chloroethane	1.91	64	99594	62.92	ug/l	91
10) Trichoroflouromethane	2.12	101	305675	45.15	ug/l	99
11) 1,1-Dichloroethene	2.72	61	619971	59.68	ug/l	91
12) Carbon disulfide	2.94	76	1401726	71.27	ug/l	92
13) Methylene Chloride	3.44	49	1030307	33.17	ug/l	80
14) trans-1,2-Dichloroethene	3.77	61	616938	59.49	ug/l	87
15) 1,1-Dichloroethane	4.53	63	767638	58.80	ug/l	97
16) Vinyl acetate	4.68	43	1393821	121.71	ug/l	93
17) 2,2-Dichloropropane	5.42	77	466747	54.11	ug/l	97
18) 2-Butanone	5.65	43	355936	56.78	ug/l	86
19) cis-1,2-Dichloroethene	5.49	61	585553	55.77	ug/l	91
20) Chloroform	6.02	83	567754	50.51	ug/l	94
21) Bromochloromethane	5.86	130	191733	52.89	ug/l #	46
22) 1,1,1-Trichloroethane	6.17	97	380082	50.84	ug/l	94
23) T-butyl alcohol	3.82	59	441102	550.85	ug/l #	1
26) 1,1-Dichloropropene	6.45	110	149318	46.13	ug/l #	86
27) Carbon Tetrachloride	6.36	117	277930m	45.55	ug/l	
28) 1,2-Dichloroethane	6.92	62	454588	49.28	ug/l	92
29) Benzene	6.74	78	1535034	48.66	ug/l	92
30) Trichloroethene	7.77	95	329111	46.25	ug/l	96
31) 1,2-Dichloropropane	8.18	63	505617	48.84	ug/l	99

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

V-153

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\AUG06\D0801\D4358.D
Acq On : 1 Aug 2006 9:59
Sample : VSTD050
Misc : SOIL
MS Integration Params: rteint.p
Quant Time: Aug 1 16:27 2006

Vial: 14
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VD8S0718.RES

Quant Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0718

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
32)	Bromodichloromethane	8.61	83	417374	45.85	ug/l		98
33)	Dibromomethane	8.35	174	149708	44.65	ug/l		87
34)	2-Chloroethylvinylether	9.15	63	340993	50.94	ug/l		98
35)	cis-1,3-dichloropropene	9.30	75	659043	47.73	ug/l		98
37)	Toluene	9.72	91	1297631	46.69	ug/l		100
38)	trans-1,3-Dichloropropene	10.21	75	540132	47.45	ug/l		97
39)	1,1,2-Trichloroethane	10.46	97	302024	47.32	ug/l		99
40)	4-Methyl-2-pentanone	9.59	43	645714	49.66	ug/l		91
41)	1,2-Dibromoethane	11.12	107	290881	46.20	ug/l		97
44)	2-Hexanone	10.85	43	455258	51.71	ug/l		86
45)	1,3-dichloropropane	10.71	76	635322	48.54	ug/l		99
46)	Tetrachloroethene	10.48	166	216313	44.63	ug/l	#	73
47)	Dibromochloromethane	10.97	129	246281	47.75	ug/l		100
48)	Ethylbenzene	11.93	91	1304059	46.65	ug/l		97
49)	Chlorobenzene	11.79	112	715845	46.22	ug/l		93
50)	1,1,1,2-Tetrachloroethane	11.94	131	215223	46.11	ug/l		99
51)	m,p-Xylene	12.11	91	1845404	91.97	ug/l		98
52)	o-Xylene	12.63	91	1934538	95.39	ug/l		99
53)	Styrene	12.67	104	1521682	95.23	ug/l		88
54)	Bromoform	12.91	173	131068	45.62	ug/l		77
56)	Isopropylbenzene	13.11	105	988980	42.86	ug/l		98
57)	1,1,2,2-Tetrachloroethane	13.59	83	459734	47.56	ug/l		98
58)	1,2,3-Trichloropropane	13.64	75	350753	47.84	ug/l		95
59)	n-Propyl benzene	13.63	91	1337001	41.73	ug/l		98
60)	Bromobenzene	13.50	77	623793	46.12	ug/l		95
61)	1,3,5-Trimethylbenzene	13.87	105	770958	39.32	ug/l		97
62)	2-Chlorotoluene	13.75	91	853116	43.15	ug/l		96
63)	4-Chlorotoluene	13.90	91	929327	42.91	ug/l		94
64)	tert-Butylbenzene	14.24	119	657670	40.53	ug/l		93
65)	1,2,4-Trimethylbenzene	14.33	105	781760	39.48	ug/l		97
66)	sec-Butylbenzene	14.51	105	1109356	39.95	ug/l		97
67)	p-Isopropyltoluene	14.70	119	778731	39.01	ug/l		100
68)	1,3-Dichlorobenzene	14.68	146	428407	42.80	ug/l		97
69)	1,4-Dichlorobenzene	14.79	146	417290	41.76	ug/l		97
70)	n-Butylbenzene	15.19	91	897414	38.70	ug/l		97
71)	1,2-Dichlorobenzene	15.24	146	402943	43.45	ug/l		98
72)	1,2-Dibromo-3-Chloropropan	16.18	157	57858	46.48	ug/l	#	81
73)	1,2,4-Trichlorobenzene	17.09	180	213833	38.05	ug/l		98
74)	Hexachlorobutadiene	17.24	225	98095	41.44	ug/l	#	62
75)	Naphthalene	17.38	128	718833	42.49	ug/l		99
76)	1,2,3-Trichlorobenzene	17.68	180	193628	39.43	ug/l		98

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

V-154

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\AUG06\D0801\D4358.D Vial: 14
Acq On : 1 Aug 2006 9:59 Operator:
Sample : VSTD050 Inst : GC/MS Ins
Misc : SOIL Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 1 16:27 2006 Quant Results File: VD8S0718.RES

Quant Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0718

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77) Methyl t-butyl ether	3.82	73	1578108	104.44	ug/l	87

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

V-165

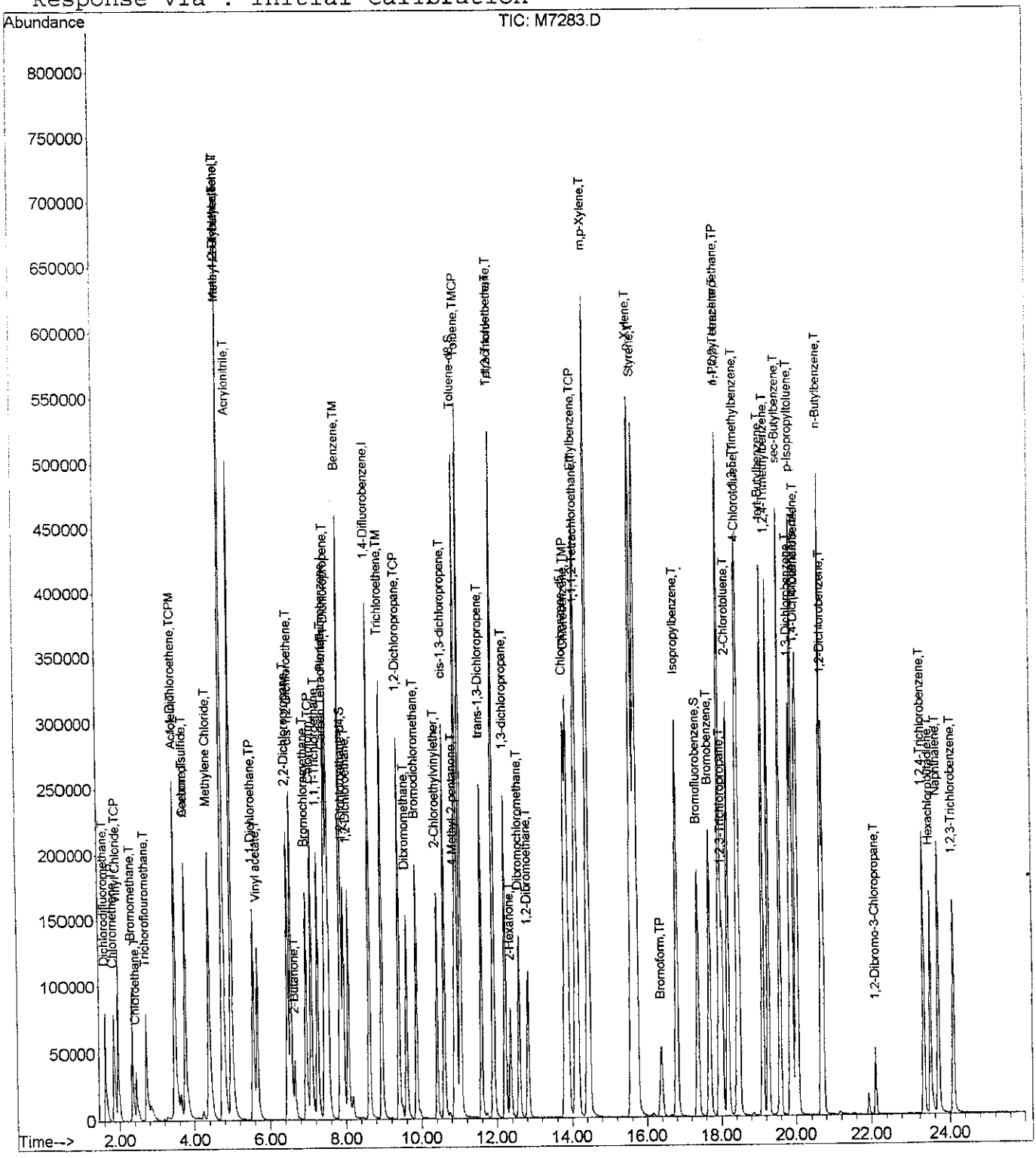
Quantitation Report

Data File : D:\M\DATA\AUG06\M0803\M7283.D
Acq On : 3 Aug 2006 9:48
Sample : VSTD050
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Aug 3 10:14 2006

Vial: 2
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8A0703.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



V-15Lc

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\AUG06\M0803\M7283.D
Acq On : 3 Aug 2006 9:48
Sample : VSTD050
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Aug 3 10:14 2006

Vial: 2
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0703

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.48	168	220839	50.00	ug/l		0.03
24) 1,4-Difluorobenzene	8.61	114	472799	50.00	ug/l		0.02
43) Chlorobenzene-d5	13.82	117	402060	50.00	ug/l		0.04
55) 1,4-Dichlorobenzene-d4	20.00	152	146480	50.00	ug/l		0.04
System Monitoring Compounds							
25) 1,2-Dichloroethane-d4	7.93	65	163011	48.48	ug/l		0.02
Spiked Amount 50.000	Range 76 - 114		Recovery = 96.96%				
36) Toluene-d8	10.93	98	541426	53.15	ug/l		0.03
Spiked Amount 50.000	Range 88 - 110		Recovery = 106.30%				
42) Bromofluorobenzene	17.37	95	186246	49.23	ug/l		0.04
Spiked Amount 50.000	Range 86 - 115		Recovery = 98.46%				
Target Compounds							Qvalue
2) Acrolein	3.49	56	146420	235.55	ug/l		96
3) Acrylonitrile	4.99	53	637806	233.80	ug/l		93
4) Acetone	3.76	43	50143	38.98	ug/l		58
5) Dichlorodifluoromethane	1.62	85	114581	36.34	ug/l		94
6) Chloromethane	1.84	50	170072	49.74	ug/l		99
7) Vinyl Chloride	1.96	62	177399	44.97	ug/l		100
8) Bromomethane	2.34	94	77658	44.46	ug/l		99
9) Chloroethane	2.44	64	58814	46.38	ug/l		97
10) Trichoroflouromethane	2.71	101	121598	40.87	ug/l		100
11) 1,1-Dichloroethene	3.47	61	194768	48.76	ug/l		86
12) Carbon disulfide	3.75	76	417600	57.45	ug/l		99
13) Methylene Chloride	4.39	49	206483	44.30	ug/l		85
14) trans-1,2-Dichloroethene	4.74	61	234735	49.44	ug/l		98
15) 1,1-Dichloroethane	5.55	63	284850	48.69	ug/l		99
16) Vinyl acetate	5.67	43	269236	69.87	ug/l		93
17) 2,2-Dichloropropane	6.46	77	221447	43.07	ug/l		96
18) 2-Butanone	6.66	43	75926	44.01	ug/l		96
19) cis-1,2-Dichloroethene	6.54	61	238972	47.95	ug/l		97
20) Chloroform	7.09	83	271066	45.37	ug/l		98
21) Bromochloromethane	6.95	130	113895	45.32	ug/l	#	76
22) 1,1,1-Trichloroethane	7.26	97	200575	42.89	ug/l		96
23) T-butyl alcohol	4.77	59	136844	369.72	ug/l		79
26) 1,1-Dichloropropene	7.53	75	258076	47.84	ug/l		99
27) Carbon Tetrachloride	7.45	119	152149	41.64	ug/l		93
28) 1,2-Dichloroethane	8.06	62	204647	42.98	ug/l		89
29) Benzene	7.86	78	641564	46.55	ug/l		97
30) Trichloroethene	8.94	95	175221	45.46	ug/l		99
31) 1,2-Dichloropropane	9.40	63	176039	46.87	ug/l		97

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

V-157

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\AUG06\M0803\M7283.D
Acq On : 3 Aug 2006 9:48
Sample : VSTD050
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Aug 3 10:14 2006

Vial: 2
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0703

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
32)	Bromodichloromethane	9.86	83	195279	41.91	ug/l	99
33)	Dibromomethane	9.60	174	94270	43.43	ug/l	96
34)	2-Chloroethylvinylether	10.41	63	115294	52.55	ug/l	96
35)	cis-1,3-dichloropropene	10.61	75	278301	43.63	ug/l	99
37)	Toluene	11.04	91	645833	45.97	ug/l	100
38)	trans-1,3-Dichloropropene	11.59	75	239618	42.05	ug/l	98
39)	1,1,2-Trichloroethane	11.91	97	151548	44.15	ug/l	100
40)	4-Methyl-2-pentanone	10.88	43	151570	45.40	ug/l	98
41)	1,2-Dibromoethane	12.82	107	167467	43.09	ug/l	99
44)	2-Hexanone	12.37	43	98680	44.08	ug/l	97
45)	1,3-dichloropropane	12.22	76	281365	45.02	ug/l	97
46)	Tetrachloroethene	11.92	166	143563	45.23	ug/l	95
47)	Dibromochloromethane	12.60	129	145992	41.87	ug/l	100
48)	Ethylbenzene	14.10	91	700212	46.58	ug/l	97
49)	Chlorobenzene	13.89	112	414029	45.23	ug/l	99
50)	1,1,1,2-Tetrachloroethane	14.15	131	136696	43.78	ug/l	97
51)	m,p-Xylene	14.43	91	984614	89.78	ug/l	98
52)	o-Xylene	15.61	91	996416	91.65	ug/l	98
53)	Styrene	15.71	104	831218	93.23	ug/l	97
54)	Bromoform	16.39	173	70022	39.52	ug/l	95
56)	Isopropylbenzene	16.80	105	554008	47.64	ug/l	96
57)	1,1,2,2-Tetrachloroethane	17.96	83	173428	43.54	ug/l	98
58)	1,2,3-Trichloropropane	18.03	75	145199	44.89	ug/l	98
59)	n-Propyl benzene	17.96	91	706886	46.39	ug/l	99
60)	Bromobenzene	17.69	77	264148	48.63	ug/l	100
61)	1,3,5-Trimethylbenzene	18.44	105	450955	46.72	ug/l	95
62)	2-Chlorotoluene	18.18	91	425751	46.46	ug/l	99
63)	4-Chlorotoluene	18.48	91	465840	46.10	ug/l	98
64)	tert-Butylbenzene	19.11	119	385656	44.77	ug/l	95
65)	1,2,4-Trimethylbenzene	19.26	105	456479	46.51	ug/l	94
66)	sec-Butylbenzene	19.58	105	624338	45.34	ug/l	99
67)	p-Isopropyltoluene	19.90	119	480812	44.30	ug/l	96
68)	1,3-Dichlorobenzene	19.85	146	244713	44.86	ug/l	100
69)	1,4-Dichlorobenzene	20.05	146	245956	44.68	ug/l	99
70)	n-Butylbenzene	20.67	91	475744	45.58	ug/l	99
71)	1,2-Dichlorobenzene	20.73	146	220096	44.67	ug/l	99
72)	1,2-Dibromo-3-Chloropropan	22.12	157	21858	35.33	ug/l	88
73)	1,2,4-Trichlorobenzene	23.30	180	115684	44.31	ug/l	99
74)	Hexachlorobutadiene	23.49	225	49985	42.58	ug/l	98
75)	Naphthalene	23.69	128	327960	40.99	ug/l	100
76)	1,2,3-Trichlorobenzene	24.09	180	100598	43.40	ug/l	97

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

V-158

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\AUG06\M0803\M7283.D
Acq On : 3 Aug 2006 9:48
Sample : VSTD050
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Aug 3 10:14 2006

Vial: 2
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0703

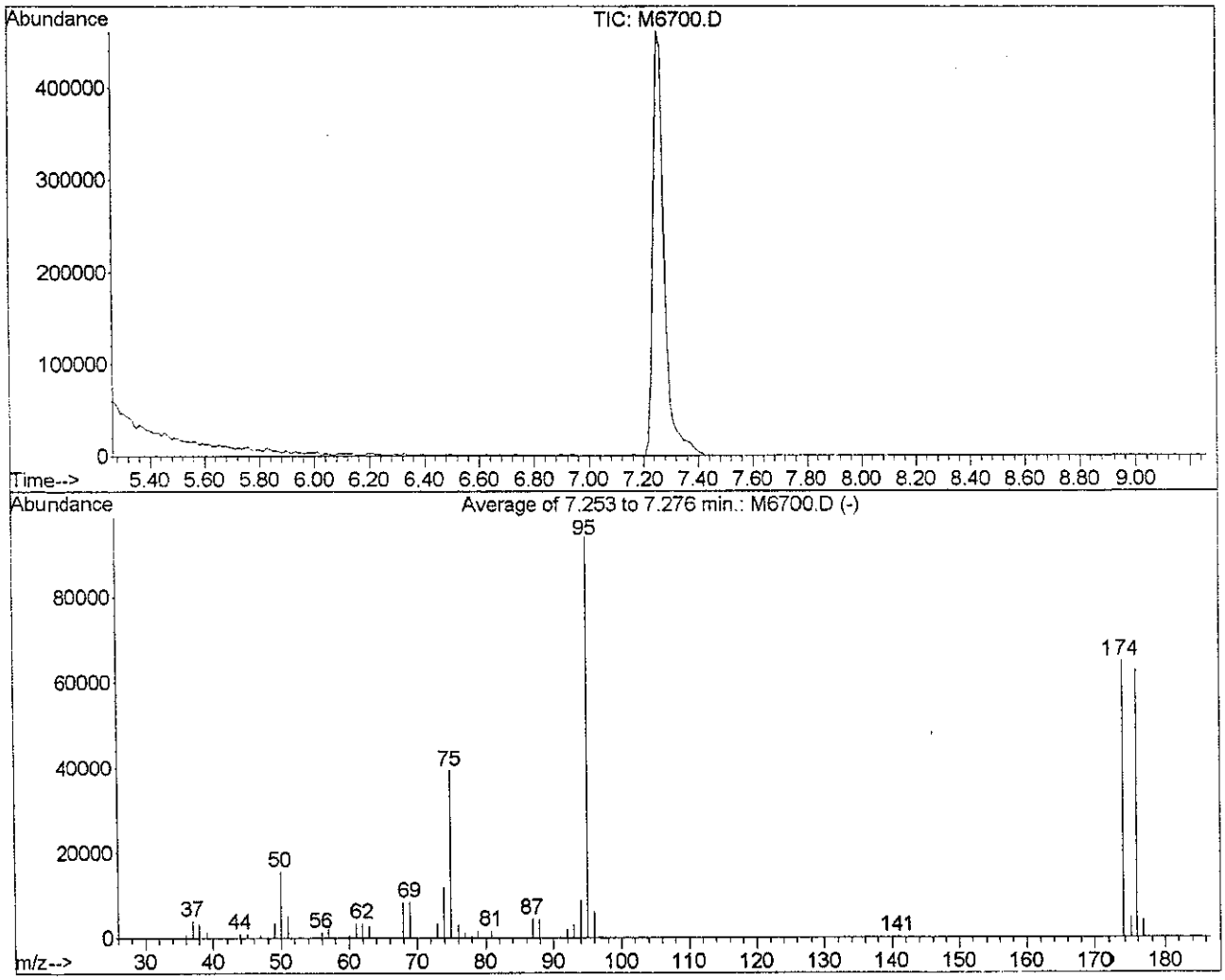
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77) Methyl t-butyl ether	4.76	73	668784	96.31	ug/l	94

(#) = qualifier out of range (m) = manual integration
M7283.D VM8A0703.M Wed Aug 09 16:12:41 2006

CLPBFB

Data File : D:\M\DATA\JUL06\M0703\M6700.D
Acq On : 3 Jul 2006 9:47
Sample : VTUNE
Misc : WATER
MS Integration Params: rteint.p
Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD

Vial: 1
Operator:
Inst : GC/MS In
Multiplr: 1.00



Spectrum Information: Average of 7.253 to 7.276 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.6	15659	PASS
75	95	30	60	41.7	39395	PASS
95	95	100	100	100.0	94451	PASS
96	95	5	9	6.5	6168	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	68.7	64915	PASS
175	174	5	9	7.2	4694	PASS
176	174	95	101	96.8	62845	PASS
177	176	5	9	6.6	4119	PASS

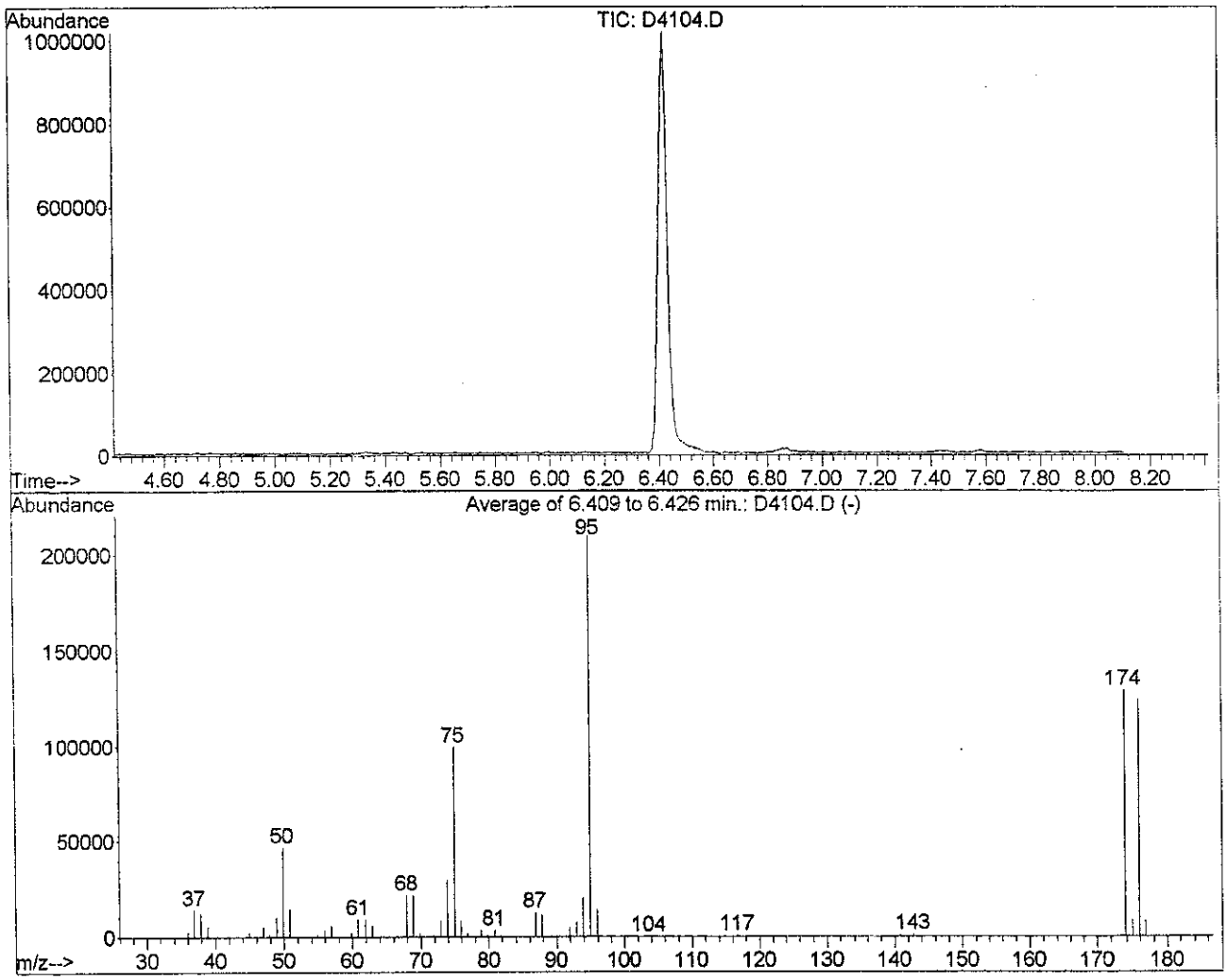
V-160

M6700.D VM8A0703.M Fri Jul 28 13:28:47 2006

CLPBFB

Data File : D:\D\DATA\JUL06\D0718\D4104.D
Acq On : 18 Jul 2006 9:36
Sample : VTUNE
Misc :
MS Integration Params: rteint.p
Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD

Vial: 1
Operator: GARY
Inst : GC/MS In
Multiplr: 1.00



Spectrum Information: Average of 6.409 to 6.426 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.3	46736	PASS
75	95	30	60	47.4	99371	PASS
95	95	100	100	100.0	209536	PASS
96	95	5	9	6.7	13986	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	61.6	129133	PASS
175	174	5	9	6.6	8498	PASS
176	174	95	101	95.9	123789	PASS
177	176	5	9	6.6	8204	PASS

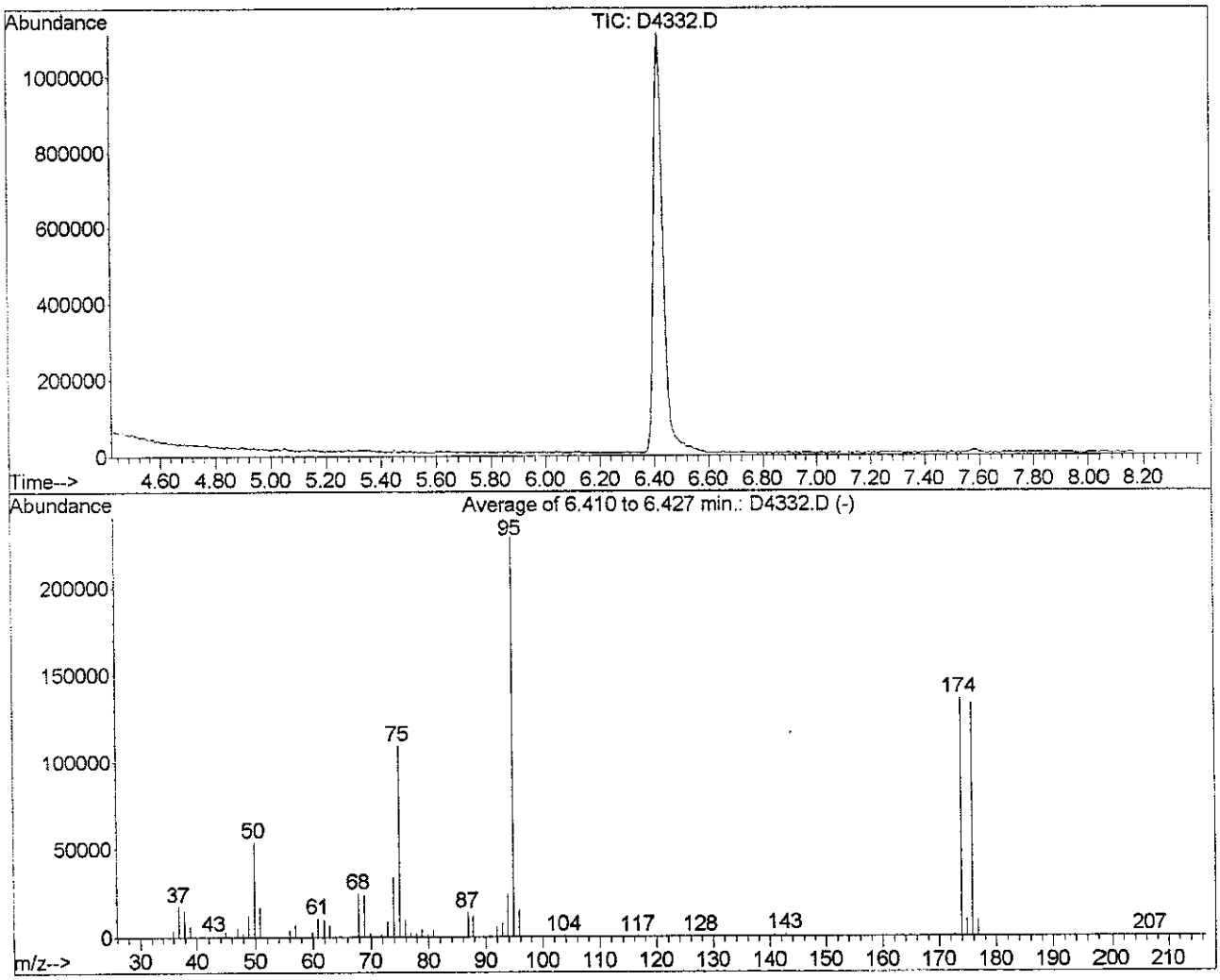
D4104.D VD8S0718.M Fri Jul 28 14:05:04 2006

V-161

CLPBFB

Data File : D:\D\DATA\JUL06\D0731\D4332.D
Acq On : 31 Jul 2006 9:12
Sample : VTUNE
Misc :
MS Integration Params: rteint.p
Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD

Vial: 1
Operator:
Inst : GC/MS In
Multiplr: 1.00



Spectrum Information: Average of 6.410 to 6.427 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.5	53917	PASS
75	95	30	60	47.8	109429	PASS
95	95	100	100	100.0	229099	PASS
96	95	5	9	6.6	15156	PASS
173	174	0.00	2	0.7	934	PASS
174	95	50	100	59.3	135779	PASS
175	174	5	9	7.2	9743	PASS
176	174	95	101	98.1	133211	PASS
177	176	5	9	6.7	8990	PASS

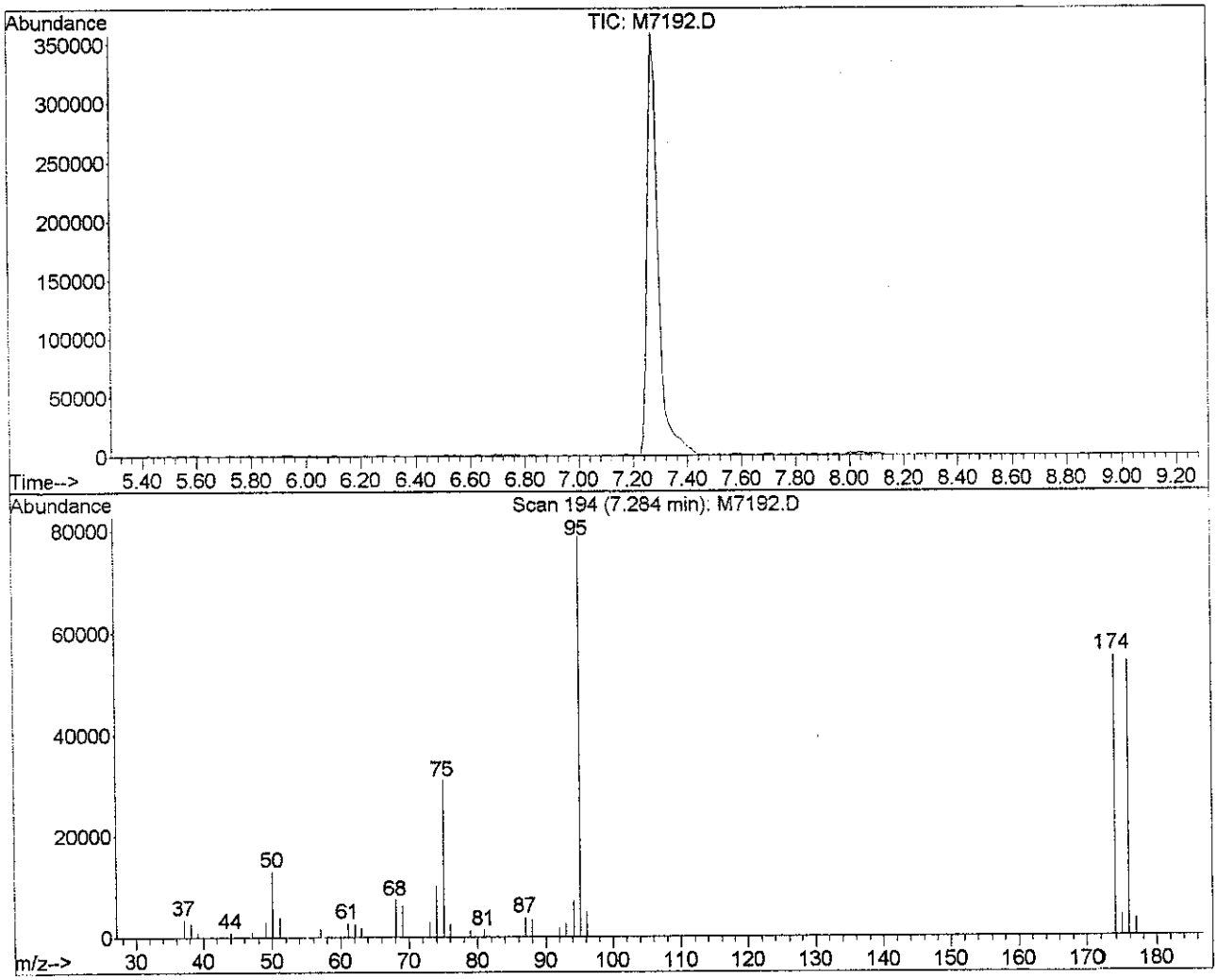
V-162

D4332.D VD8S0718.M Wed Aug 09 15:02:19 2006

CLPBFB

Data File : D:\M\DATA\JUL06\M0731\M7192.D
Acq On : 31 Jul 2006 12:47
Sample : VTUNE
Misc : WATER
MS Integration Params: rteint.p
Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD

Vial: 1
Operator:
Inst : GC/MS In
Multiplr: 1.00



Spectrum Information: Scan 194

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.4	12908	PASS
75	95	30	60	39.3	30936	PASS
95	95	100	100	100.0	78744	PASS
96	95	5	9	6.2	4917	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	70.3	55328	PASS
175	174	5	9	7.3	4017	PASS
176	174	95	101	98.3	54392	PASS
177	176	5	9	6.2	3361	PASS

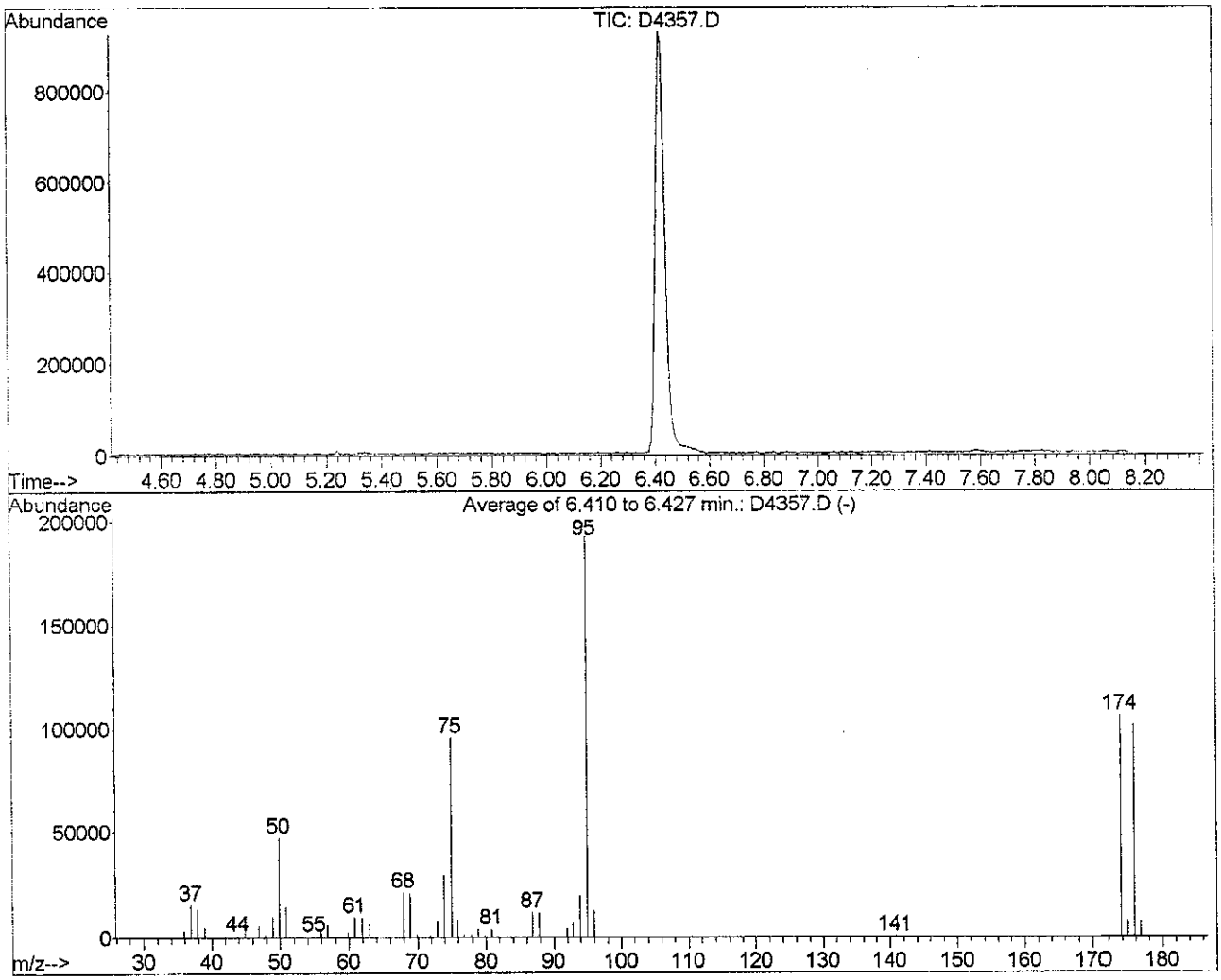
M7192.D VM8A0703.M Wed Aug 09 16:06:19 2006

V-163

CLPBFB

Data File : D:\D\DATA\AUG06\D0801\D4357.D
Acq On : 1 Aug 2006 9:44
Sample : VTUNE
Misc :
MS Integration Params: rteint.p
Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD

Vial: 1
Operator:
Inst : GC/MS In
Multiplr: 1.00



Spectrum Information: Average of 6.410 to 6.427 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.5	47184	PASS
75	95	30	60	49.7	95656	PASS
95	95	100	100	100.0	192640	PASS
96	95	5	9	6.7	12866	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	55.1	106069	PASS
175	174	5	9	7.2	7652	PASS
176	174	95	101	96.0	101821	PASS
177	176	5	9	7.0	7174	PASS

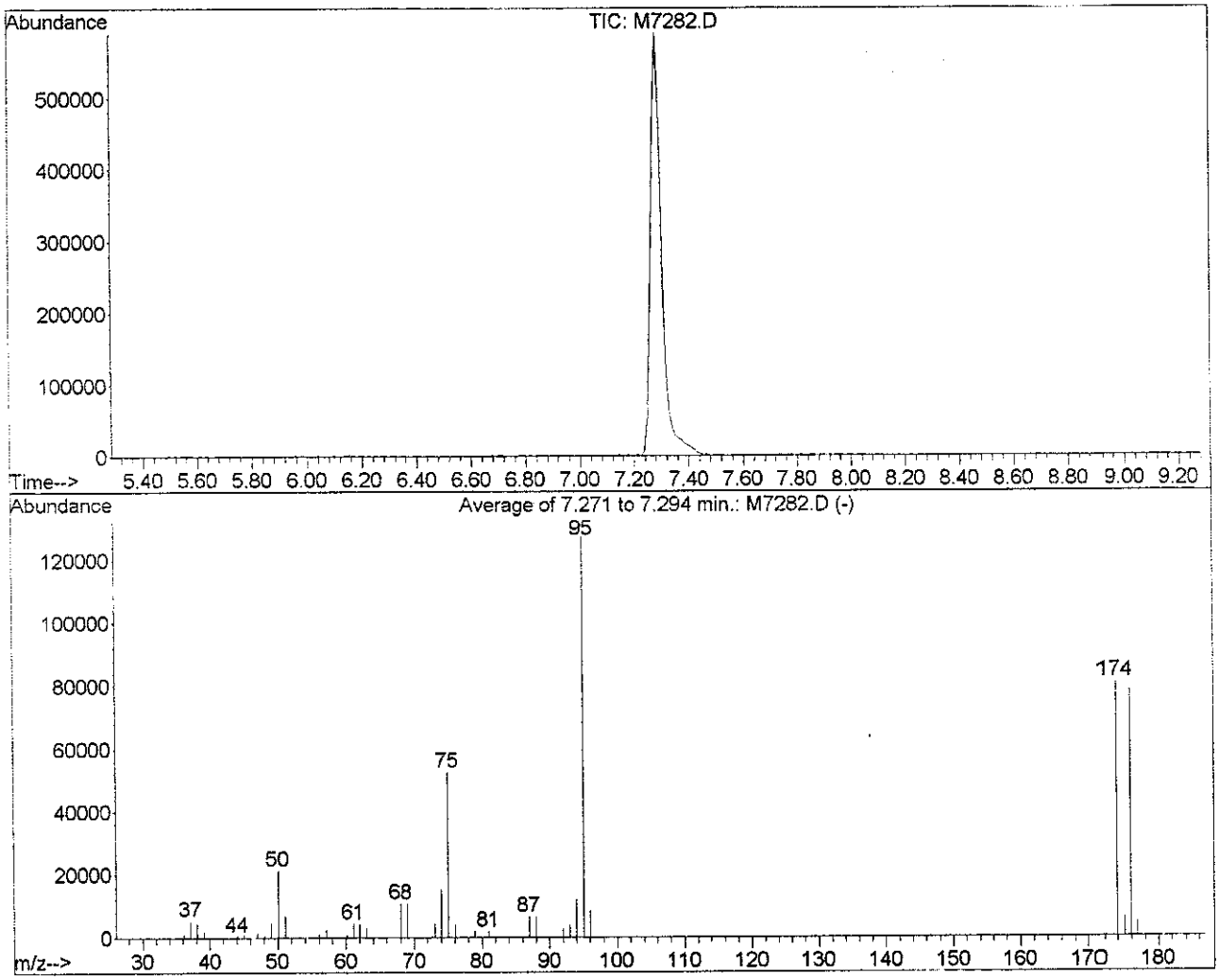
V-164

D4357.D VD8S0718.M Wed Aug 09 15:07:42 2006

CLPBFB

Data File : D:\M\DATA\AUG06\M0803\M7282.D
Acq On : 3 Aug 2006 9:29
Sample : VTUNE
Misc : WATER
MS Integration Params: rteint.p
Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD

Vial: 1
Operator:
Inst : GC/MS In
Multiplr: 1.00



Spectrum Information: Average of 7.271 to 7.294 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.7	21336	PASS
75	95	30	60	41.4	52744	PASS
95	95	100	100	100.0	127523	PASS
96	95	5	9	6.6	8394	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	63.2	80549	PASS
175	174	5	9	7.7	6230	PASS
176	174	95	101	97.0	78152	PASS
177	176	5	9	6.2	4881	PASS

M7282.D VM8A0703.M Wed Aug 09 16:11:06 2006

V-165

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKD57

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: VBLKD57

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D4335.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 7/31/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
71432	Benzene	2	U
108883	Toluene	2	U
100414	Ethylbenzene	2	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	1	U

V-1606

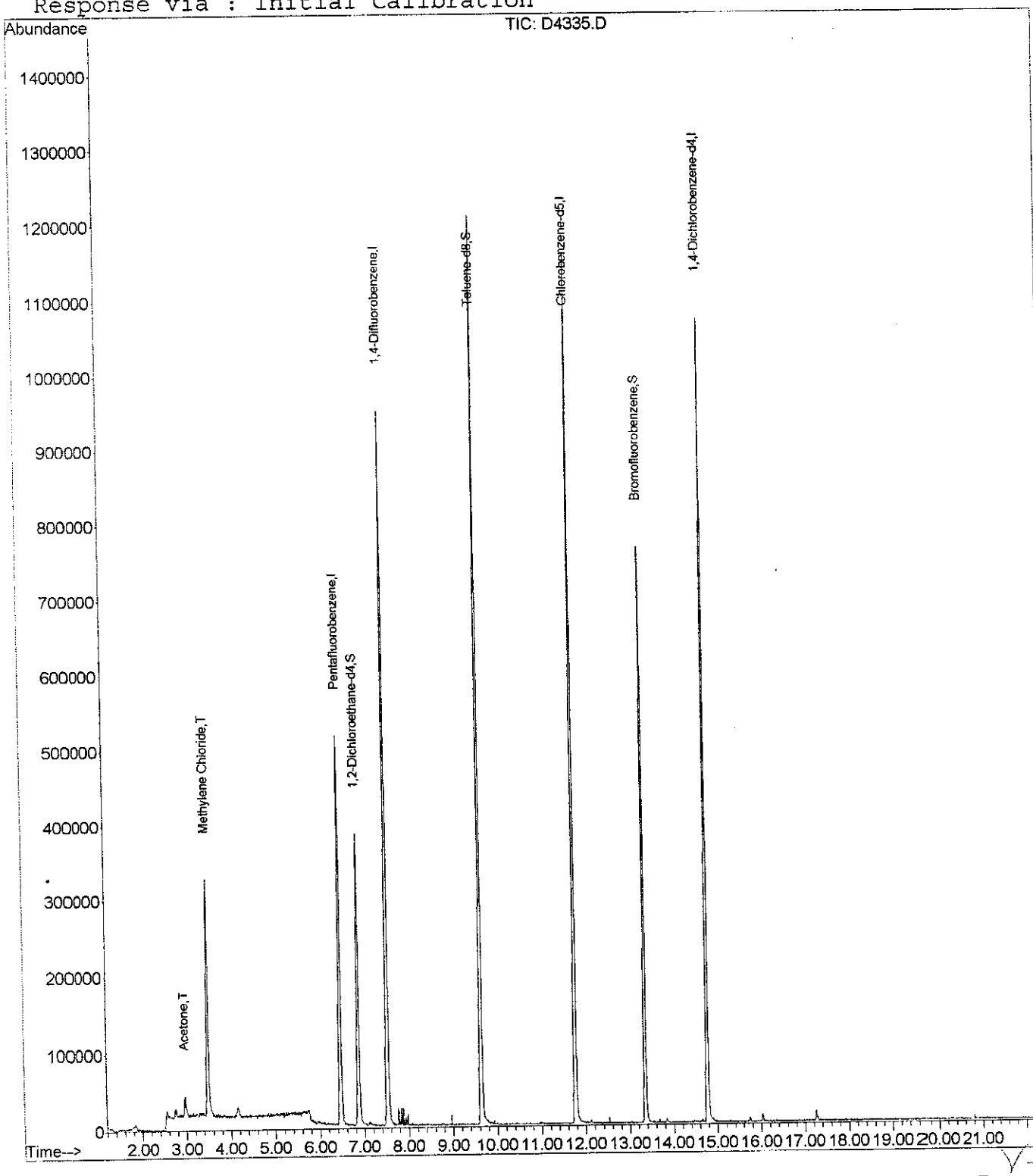
Quantitation Report

Data File : D:\D\DATA\JUL06\D0731\D4335.D
Acq On : 31 Jul 2006 10:52
Sample : VBLKD57
Misc : SOIL
MS Integration Params: rteint.p
Quant Time: Aug 1 10:55 2006

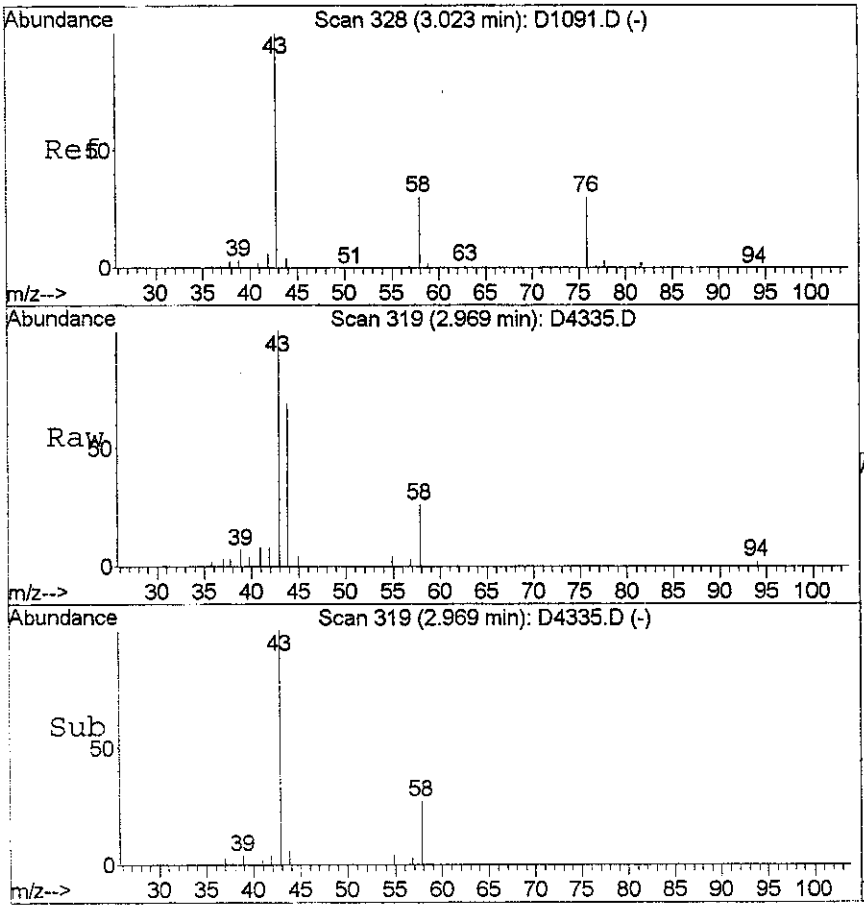
Vial: 16
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VD8S0718.R

Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration



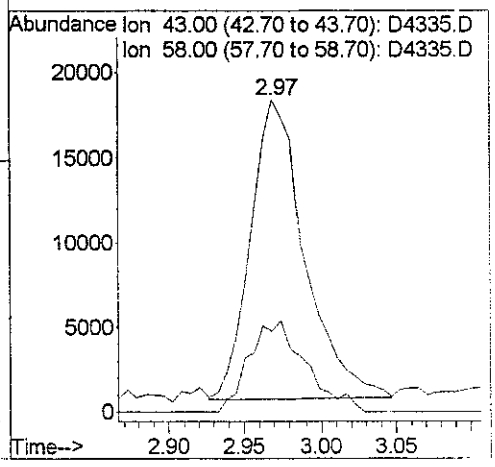
V-167

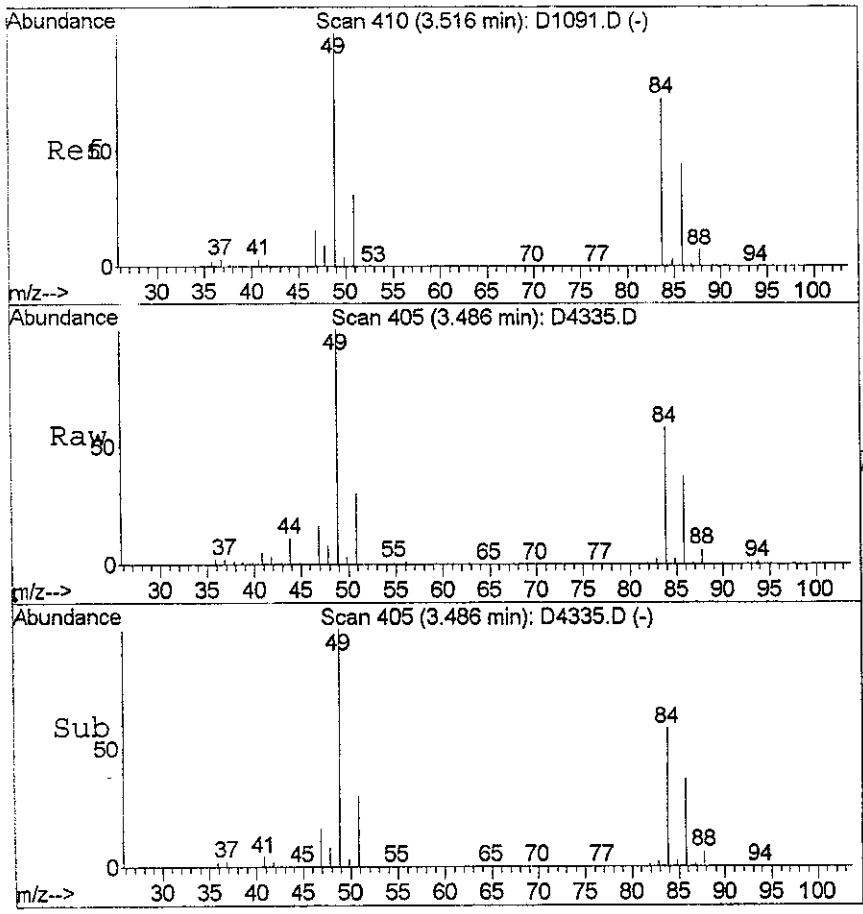


#4
Acetone
Concen: 5.72 ug/l
RT: 2.97 min Scan# 319
Delta R.T. -0.12 min
Lab File: D4335.D
Acq: 31 Jul 2006 10:52

Tgt Ion: 43 Resp: 43417

Ion	Ratio	Lower	Upper
43	100		
58	25.8	8.5	48.5

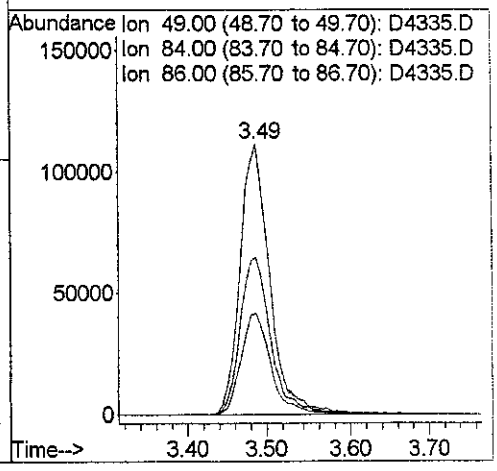




#13
Methylene Chloride
Concen: 8.09 ug/l
RT: 3.49 min Scan# 405
Delta R.T. 0.04 min
Lab File: D4335.D
Acq: 31 Jul 2006 10:52

Tgt Ion: 49 Resp: 291963

Ion	Ratio	Lower	Upper
49	100		
84	58.5	58.1	98.1
86	37.1	31.7	71.7



V-168

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0731\D4335.D
Acq On : 31 Jul 2006 10:52
Sample : VBLKD57
Misc : SOIL
MS Integration Params: rteint.p
Quant Time: Aug 1 10:55 2006

Vial: 16
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S0718.RES

Quant Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0718

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.46	168	444535	50.00	ug/l	-0.14
24) 1,4-Difluorobenzene	7.53	114	921682	50.00	ug/l	0.02
43) Chlorobenzene-d5	11.76	117	761942	50.00	ug/l	0.01
55) 1,4-Dichlorobenzene-d4	14.77	152	339459	50.00	ug/l	0.01
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.87	65	337232	48.79	ug/l	0.03
Spiked Amount 50.000	Range 70 - 121		Recovery = 97.58%			
36) Toluene-d8	9.63	98	1016425	48.25	ug/l	0.01
Spiked Amount 50.000	Range 81 - 117		Recovery = 96.50%			
42) Bromofluorobenzene	13.35	95	390484	46.78	ug/l	0.01
Spiked Amount 50.000	Range 74 - 121		Recovery = 93.56%			
Target Compounds						Qvalue
4) Acetone	2.97	43	43417	5.72	ug/l	95
13) Methylene Chloride	3.49	49	291963	8.09	ug/l	78

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKM71

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: VBLKM71

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: M7195.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 7/31/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
71432	Benzene	1	U
108883	Toluene	1	U
100414	Ethylbenzene	1	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	1	U

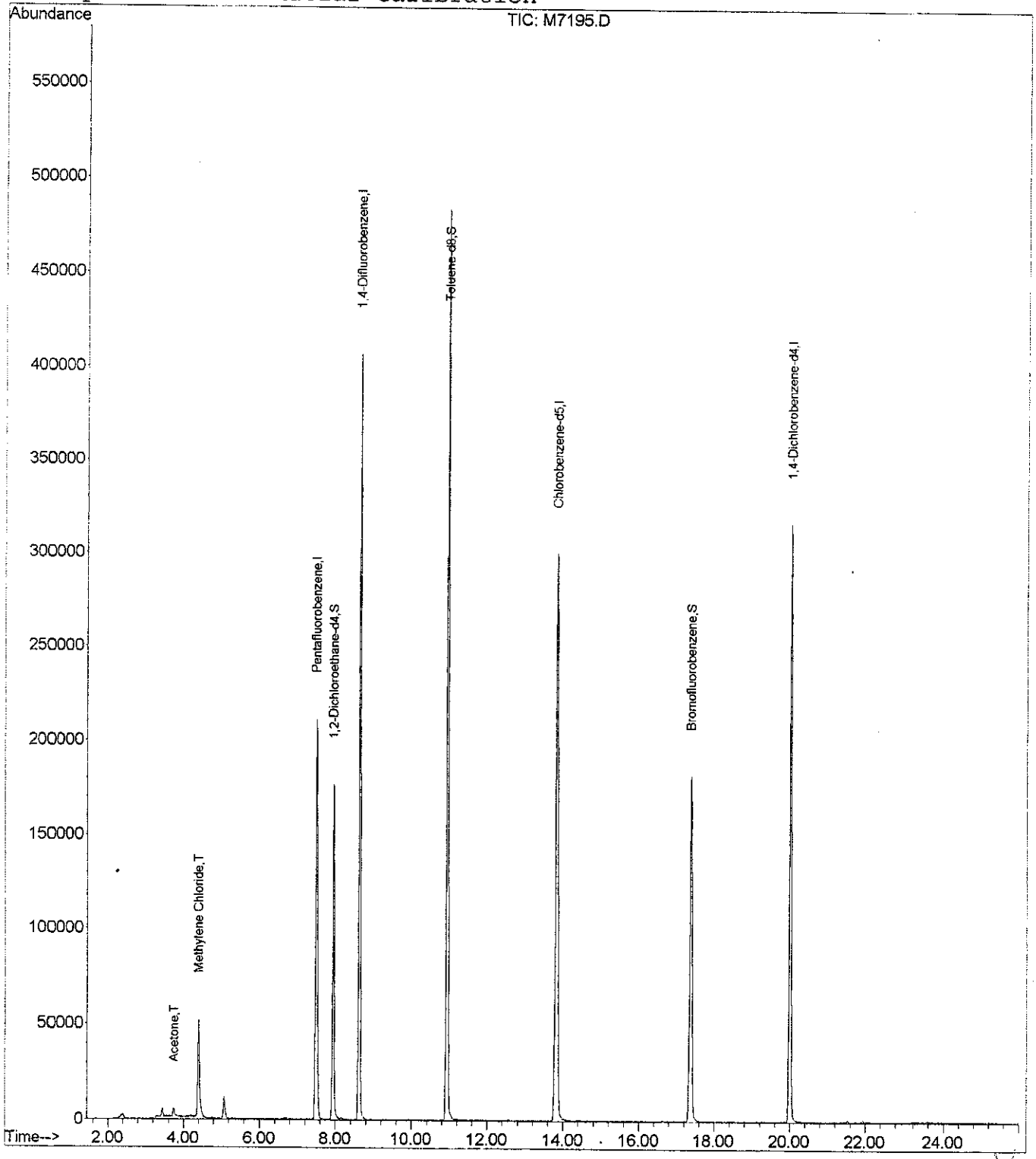
Quantitation Report

Data File : D:\M\DATA\JUL06\M0731\M7195.D
Acq On : 31 Jul 2006 14:07
Sample : VBLKM71
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Aug 1 14:14 2006

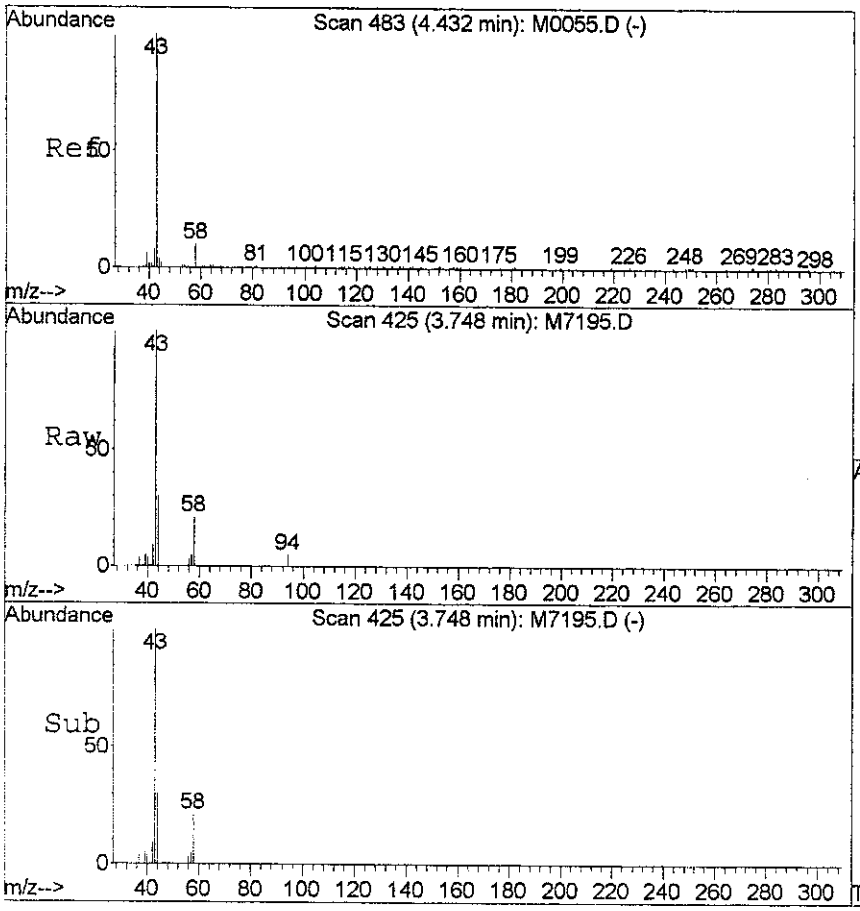
Vial: 4
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8A0703.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



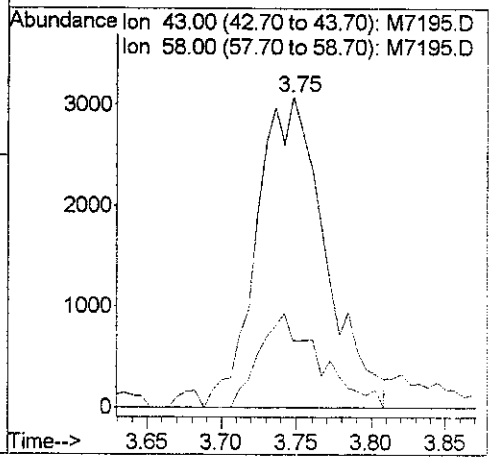
V-101

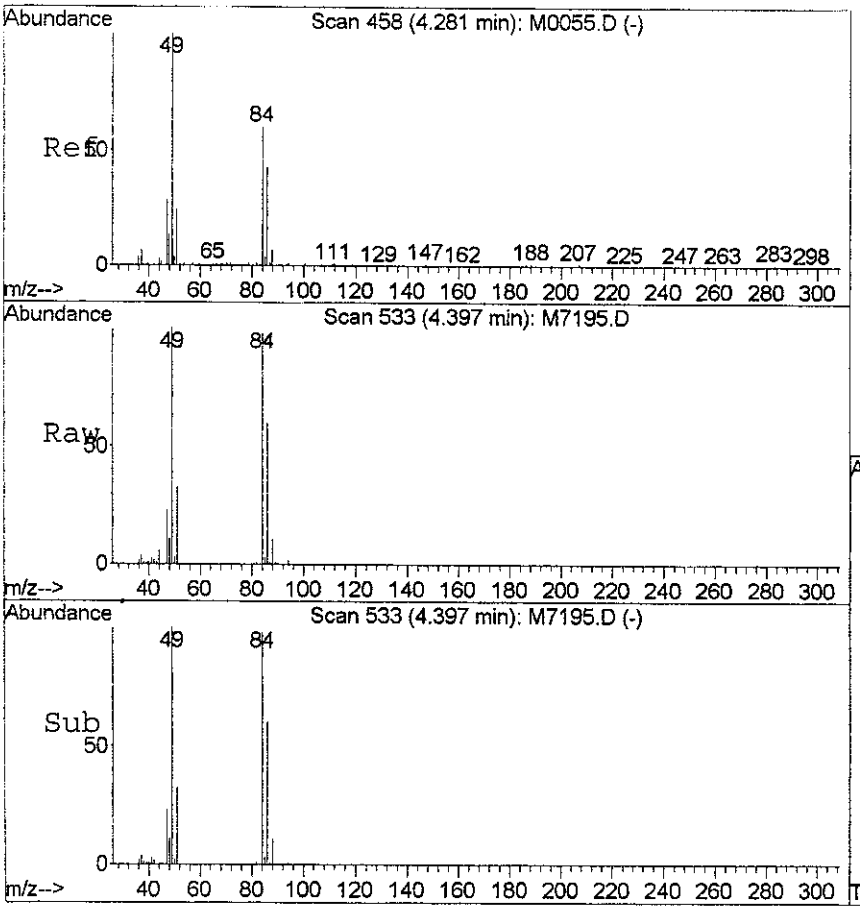


#4
Acetone
Concen: 7.29 ug/l m
RT: 3.75 min Scan# 425
Delta R.T. 0.00 min
Lab File: M7195.D
Acq: 31 Jul 2006 14:07

Tgt Ion: 43 Resp: 9705

Ion	Ratio	Lower	Upper
43	100		
58	21.4	0.0	34.6

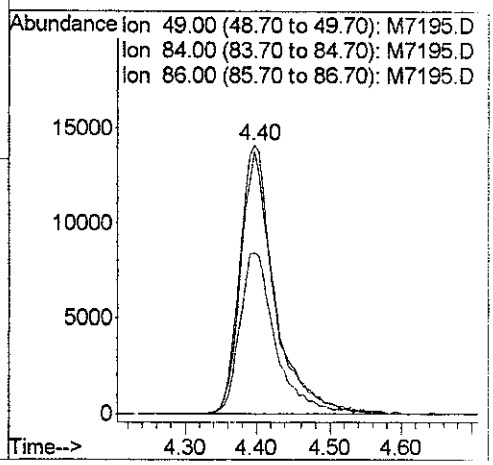




#13
Methylene Chloride
Concen: 9.98 ug/l
RT: 4.40 min Scan# 533
Delta R.T. 0.04 min
Lab File: M7195.D
Acq: 31 Jul 2006 14:07

Tgt Ion: 49 Resp: 48189

Ion	Ratio	Lower	Upper
49	100		
84	97.7	58.4	98.4
86	59.6	30.4	70.4



V-108

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0731\M7195.D
Acq On : 31 Jul 2006 14:07
Sample : VBLKM71
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Aug 1 14:14 2006

Vial: 4
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0703

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.48	168	228687	50.00	ug/l	0.03
24) 1,4-Difluorobenzene	8.62	114	508335	50.00	ug/l	0.03
43) Chlorobenzene-d5	13.82	117	426923	50.00	ug/l	0.04
55) 1,4-Dichlorobenzene-d4	20.00	152	159609	50.00	ug/l	0.03
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	7.94	65	175113	48.44	ug/l	0.03
Spiked Amount 50.000	Range 76 - 114		Recovery = 96.88%			
36) Toluene-d8	10.93	98	532262	48.60	ug/l	0.03
Spiked Amount 50.000	Range 88 - 110		Recovery = 97.20%			
42) Bromofluorobenzene	17.37	95	184270	45.30	ug/l	0.04
Spiked Amount 50.000	Range 86 - 115		Recovery = 90.60%			
Target Compounds						Qvalue
4) Acetone	3.75	43	9705m	7.29	ug/l	
13) Methylene Chloride	4.40	49	48189	9.98	ug/l	81

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

Y-103

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKD58

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: VBLKD58

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D4360.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 8/1/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
71432	Benzene	2	U
108883	Toluene	2	U
100414	Ethylbenzene	2	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	1	U

Y-174

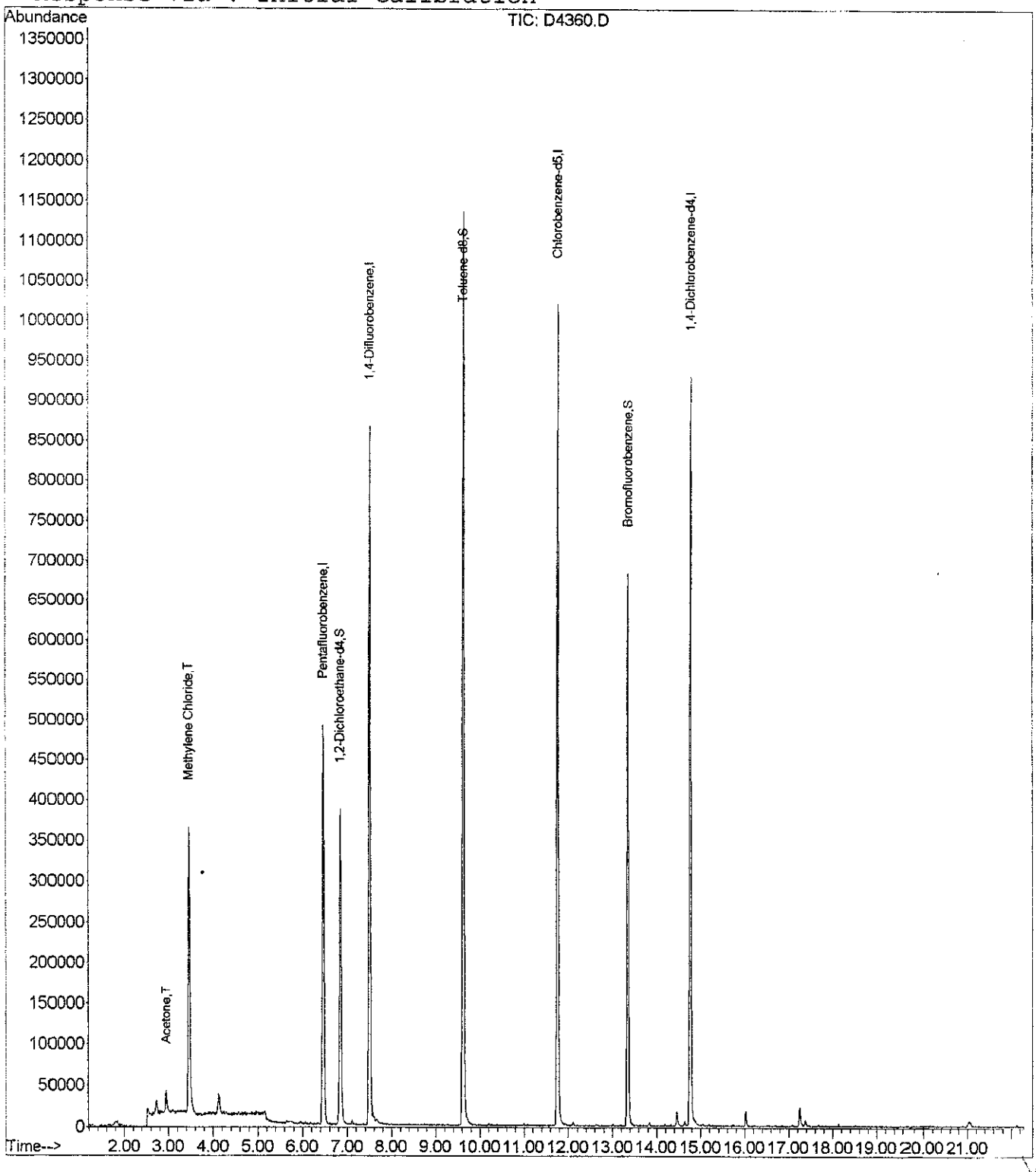
Quantitation Report

Data File : D:\D\DATA\AUG06\D0801\D4360.D
Acq On : 1 Aug 2006 11:04
Sample : VBLKD58
Misc : SOIL
MS Integration Params: rteint.p
Quant Time: Aug 1 13:27 2006

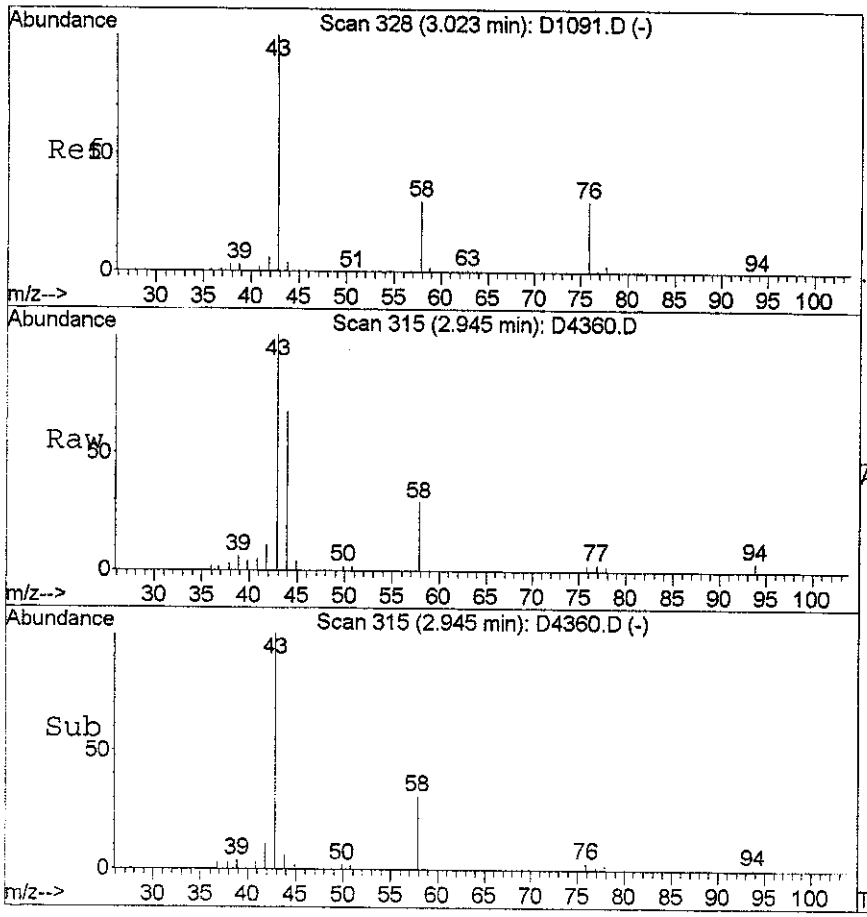
Vial: 16
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VD8S0718.R

Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration



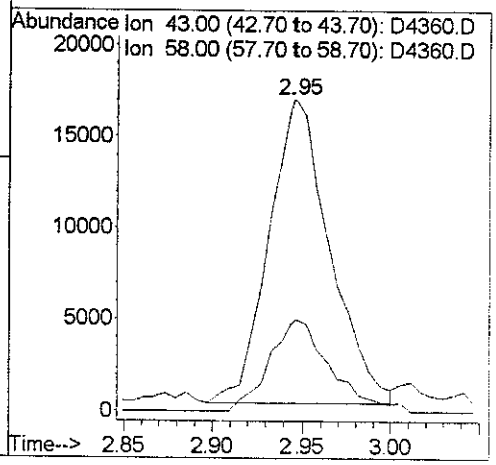
V-105

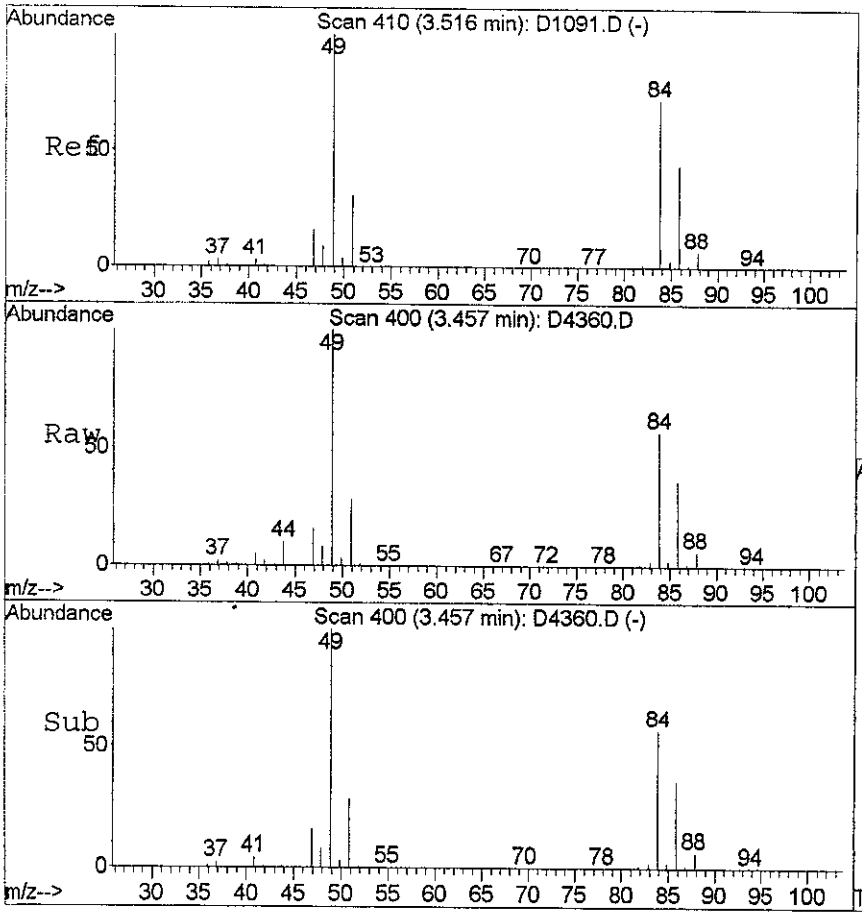


#4
Acetone
Concen: 5.86 ug/l
RT: 2.95 min Scan# 315
Delta R.T. -0.14 min
Lab File: D4360.D
Acq: 1 Aug 2006 11:04

Tgt Ion: 43 Resp: 38595

Ion	Ratio	Lower	Upper
43	100		
58	29.2	8.5	48.5

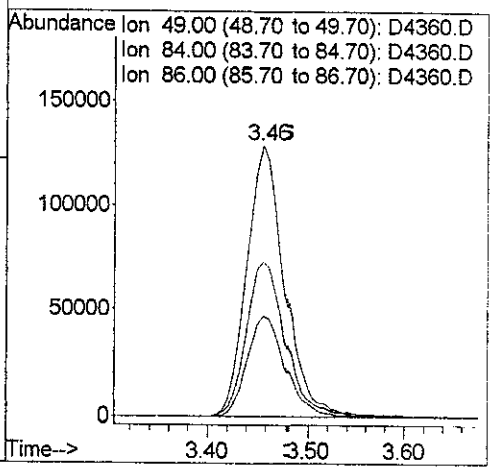




#13
Methylene Chloride
Concen: 10.76 ug/l
RT: 3.46 min Scan# 400
Delta R.T. 0.01 min
Lab File: D4360.D
Acq: 1 Aug 2006 11:04

Tgt Ion: 49 Resp: 336865

Ion	Ratio	Lower	Upper
49	100		
84	56.5	58.1	98.1#
86	36.1	31.7	71.7



V-106

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\AUG06\D0801\D4360.D Vial: 16
Acq On : 1 Aug 2006 11:04 Operator:
Sample : VBLKD58 Inst : GC/MS Ins
Misc : SOIL Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 1 13:27 2006 Quant Results File: VD8S0718.RES

Quant Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0718

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.46	168	385482	50.00	ug/l	-0.14
24) 1,4-Difluorobenzene	7.50	114	819052	50.00	ug/l	0.00
43) Chlorobenzene-d5	11.75	117	667959	50.00	ug/l	0.00
55) 1,4-Dichlorobenzene-d4	14.76	152	284098	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.84	65	318258	51.81	ug/l	0.00
Spiked Amount 50.000	Range 70 - 121		Recovery = 103.62%			
36) Toluene-d8	9.62	98	922243	49.27	ug/l	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 98.54%			
42) Bromofluorobenzene	13.34	95	340247	45.87	ug/l	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 91.74%			
Target Compounds						Qvalue
4) Acetone	2.95	43	38595	5.86	ug/l	99
13) Methylene Chloride	3.46	49	336865	10.76	ug/l #	76

(#) = qualifier out of range (m) = manual integration V-100

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKM74

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: VBLKM74

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: M7285.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 8/3/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

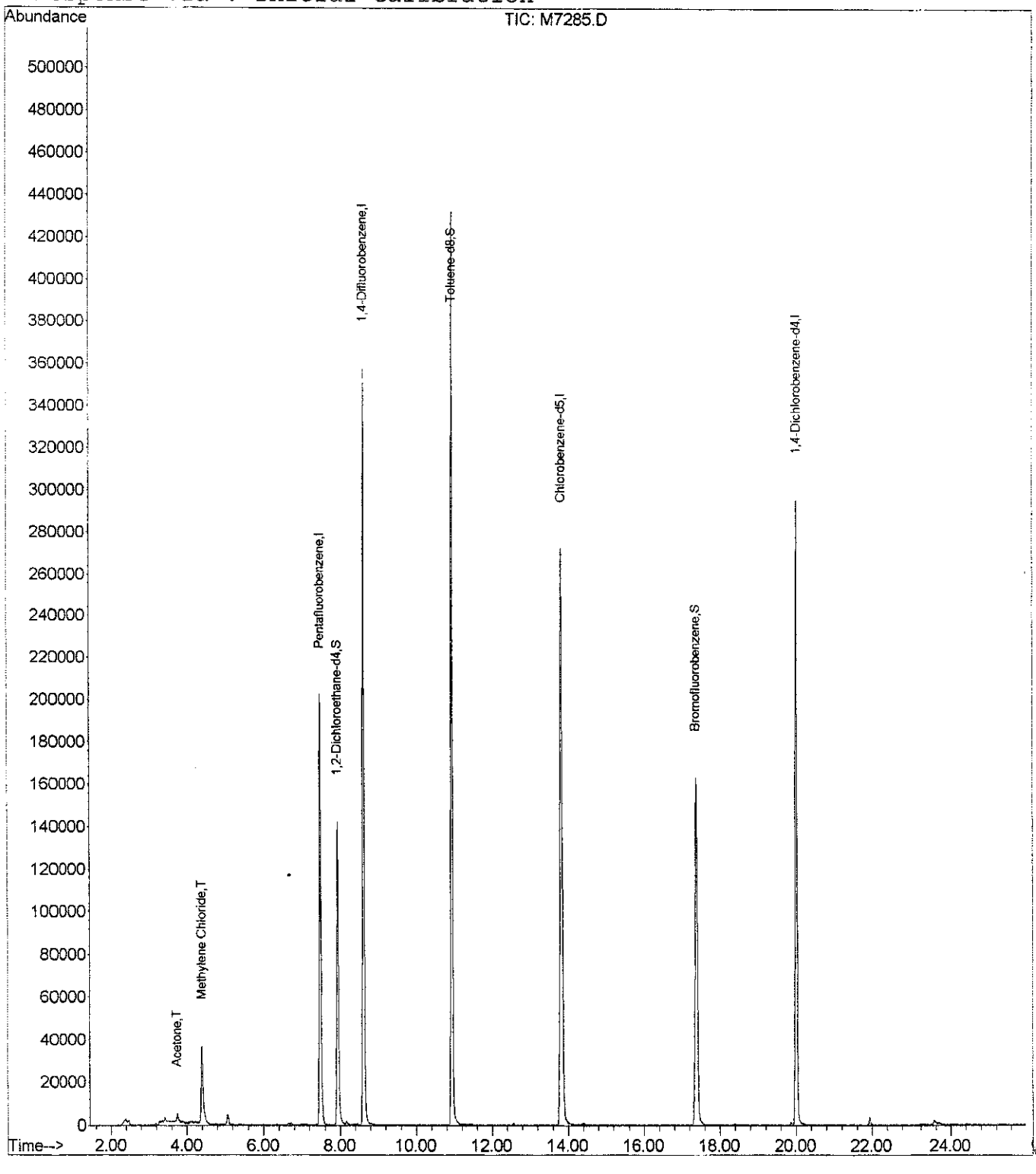
CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
71432	Benzene	1	U
108883	Toluene	1	U
100414	Ethylbenzene	1	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	1	U

Quantitation Report

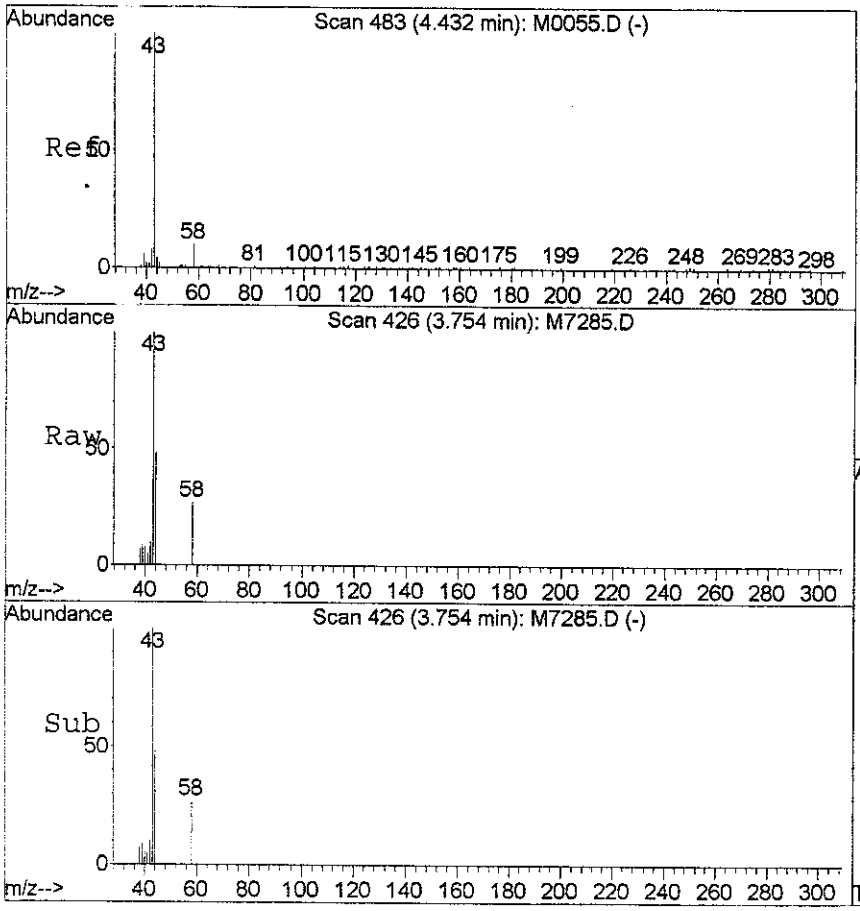
Data File : D:\M\DATA\AUG06\M0803\M7285.D
Acq On : 3 Aug 2006 11:06
Sample : VBLKM74
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Aug 3 11:42 2006

Vial: 4
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8A0703.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



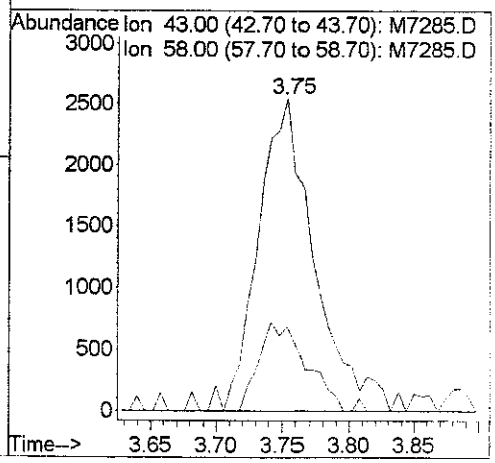
Y-179

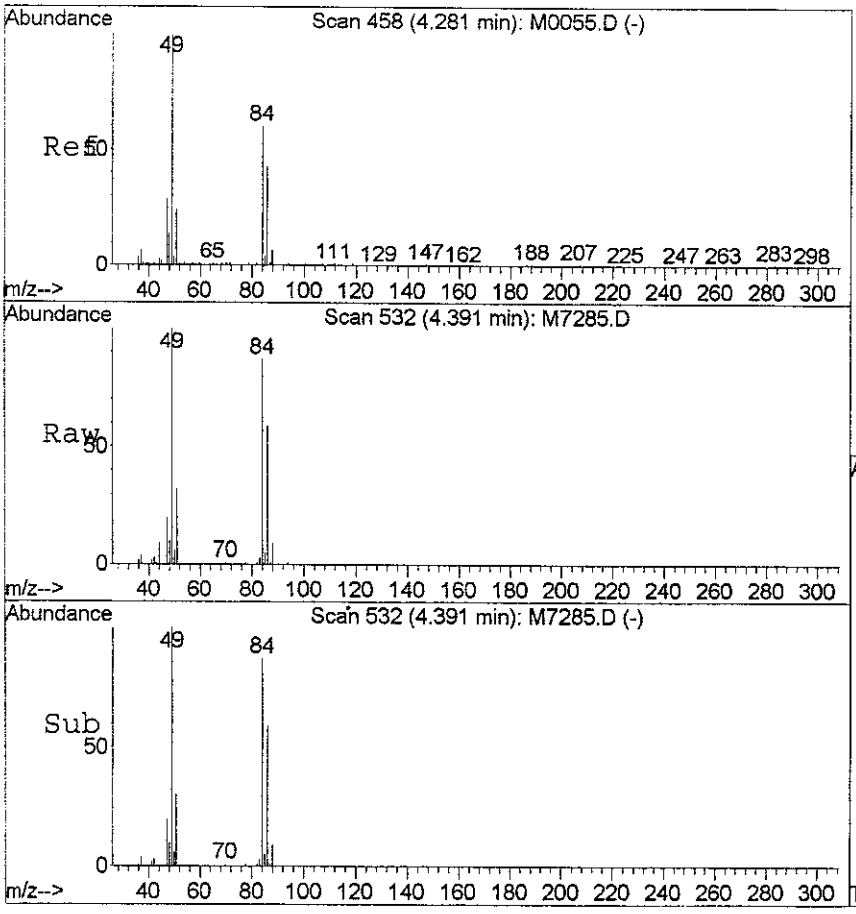


#4
Acetone
Concen: 6.36 ug/l
RT: 3.75 min Scan# 426
Delta R.T. 0.01 min
Lab File: M7285.D
Acq: 3 Aug 2006 11:06

Tgt Ion: 43 Resp: 7422

Ion	Ratio	Lower	Upper
43	100		
58	27.0	0.0	34.6

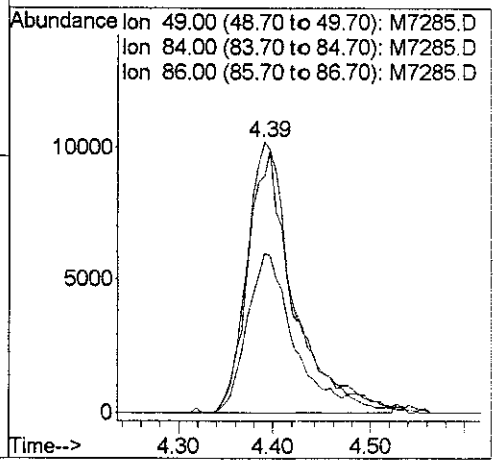




#13
Methylene Chloride
Concen: 8.29 ug/l
RT: 4.39 min Scan# 532
Delta R.T. 0.03 min
Lab File: M7285.D
Acq: 3 Aug 2006 11:06

Tgt Ion: 49 Resp: 35018

Ion	Ratio	Lower	Upper
49	100		
84	87.3	58.4	98.4
86	58.5	30.4	70.4



V-180

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\AUG06\M0803\M7285.D Vial: 4
Acq On : 3 Aug 2006 11:06 Operator:
Sample : VBLKM74 Inst : GC/MS Ins
Misc : WATER Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 3 11:42 2006 Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0703

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.48	168	200241	50.00	ug/l	0.03
24) 1,4-Difluorobenzene	8.61	114	442701	50.00	ug/l	0.02
43) Chlorobenzene-d5	13.82	117	385925	50.00	ug/l	0.04
55) 1,4-Dichlorobenzene-d4	20.00	152	144660	50.00	ug/l	0.04
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	7.93	65	145223	46.13	ug/l	0.02
Spiked Amount 50.000	Range 76 - 114		Recovery = 92.26%			
36) Toluene-d8	10.93	98	461113	48.34	ug/l	0.03
Spiked Amount 50.000	Range 88 - 110		Recovery = 96.68%			
42) Bromofluorobenzene	17.37	95	164001	46.30	ug/l	0.04
Spiked Amount 50.000	Range 86 - 115		Recovery = 92.60%			
Target Compounds						Qvalue
4) Acetone	3.75	43	7422	6.36	ug/l	70
13) Methylene Chloride	4.39	49	35018	8.29	ug/l	89

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

V-181

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKD57MS

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: VBLKD57MS

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D4352.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 7/31/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

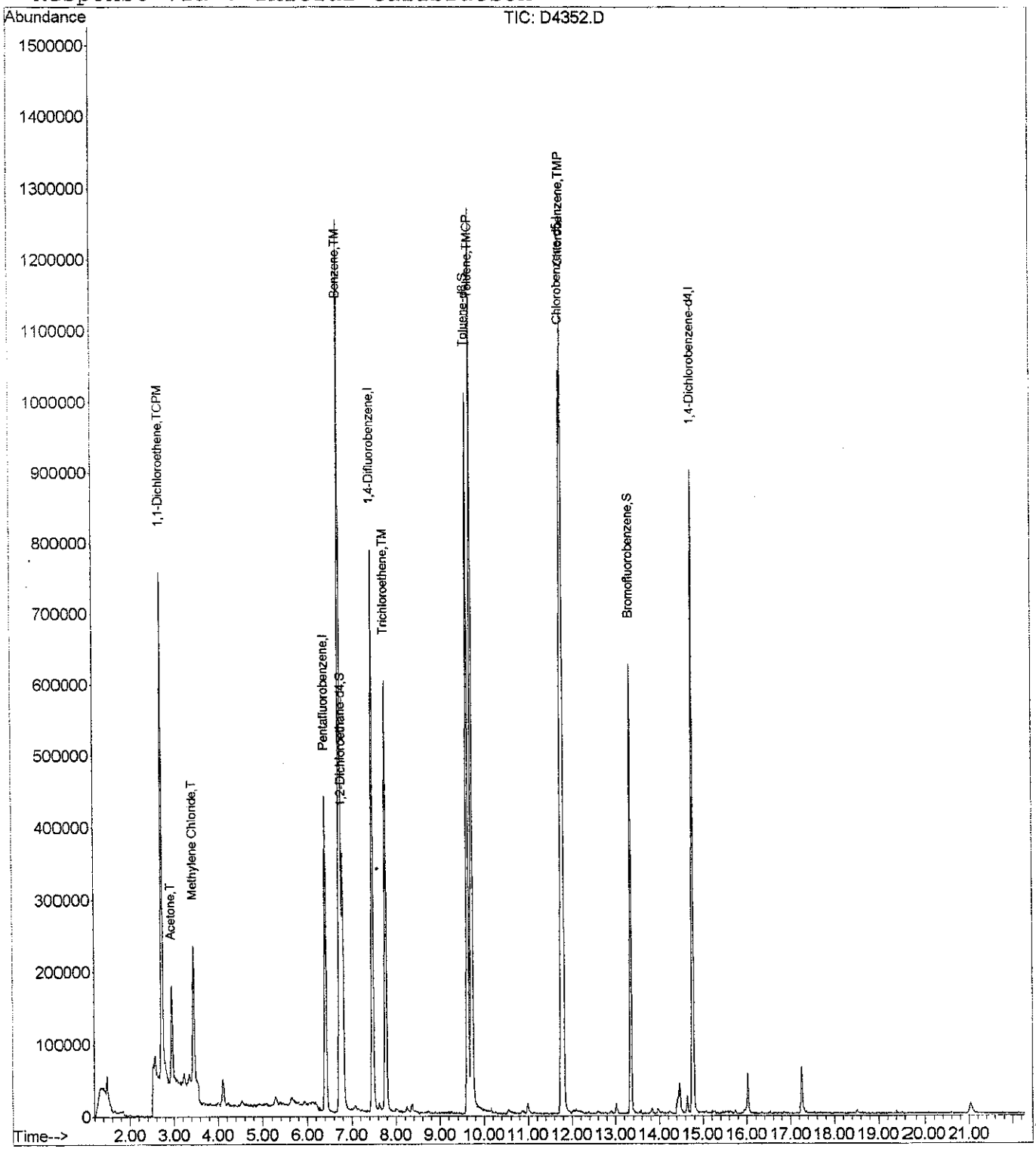
CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
71432	Benzene	51	
108883	Toluene	47	
100414	Ethylbenzene	2	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	1	U

V-182

Quantitation Report

Data File : D:\D\DATA\JUL06\D0731\D4352.D Vial: 10
Acq On : 31 Jul 2006 20:30 Operator:
Sample : VBLKD57MS Inst : GC/MS Ins
Misc : SOIL Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 15:03 2006 Quant Results File: VD8S0718.R

Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration



V-183

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\JUL06\D0731\D4352.D
Acq On : 31 Jul 2006 20:30
Sample : VBLKD57MS
Misc : SOIL
MS Integration Params: rteint.p
Quant Time: Aug 9 15:03 2006

Vial: 10
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S0718.RES

Quant Method : D:\D\METHODS\VD8S0718.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Tue Jul 18 13:28:21 2006
Response via : Initial Calibration
DataAcq Meth : VD8S0718

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	358799	50.00	ug/l	-0.19
24) 1,4-Difluorobenzene	7.47	114	758210	50.00	ug/l	-0.04
43) Chlorobenzene-d5	11.76	117	634964	50.00	ug/l	0.00
55) 1,4-Dichlorobenzene-d4	14.76	152	272191	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.80	65	276640	48.65	ug/l	-0.04
Spiked Amount 50.000	Range 70 - 121		Recovery = 97.30%			
36) Toluene-d8	9.62	98	848677	48.98	ug/l	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 97.96%			
42) Bromofluorobenzene	13.34	95	320006	46.61	ug/l	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 93.22%			
Target Compounds						Qvalue
4) Acetone	2.95	43	255886	41.77	ug/l	91
11) 1,1-Dichloroethene	2.73	61	577701	59.30	ug/l	91
13) Methylene Chloride	3.44	49	186063	6.39	ug/l	77
29) Benzene	6.74	78	1469895	51.01	ug/l	90
30) Trichloroethene	7.77	95	297017	45.69	ug/l	91
37) Toluene	9.72	91	1198439	47.20	ug/l	99
49) Chlorobenzene	11.80	112	665689	45.37	ug/l	93

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

V-18d

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKM71MS

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: VBLKM71MS

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: M7199.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 7/31/06

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
71432	Benzene	44	
108883	Toluene	41	
100414	Ethylbenzene	1	U
1330207	m,p-Xylene	2	U
95476	o-Xylene	2	U
98828	Isopropylbenzene	1	U
103651	n-Propyl benzene	1	U
108678	1,3,5-Trimethylbenzene	1	U
98066	tert-Butylbenzene	1	U
95636	1,2,4-Trimethylbenzene	1	U
135988	sec-Butylbenzene	1	U
99876	p-Isopropyltoluene	1	U
104518	n-Butylbenzene	1	U
1634044	Methyl t-butyl ether	1	U

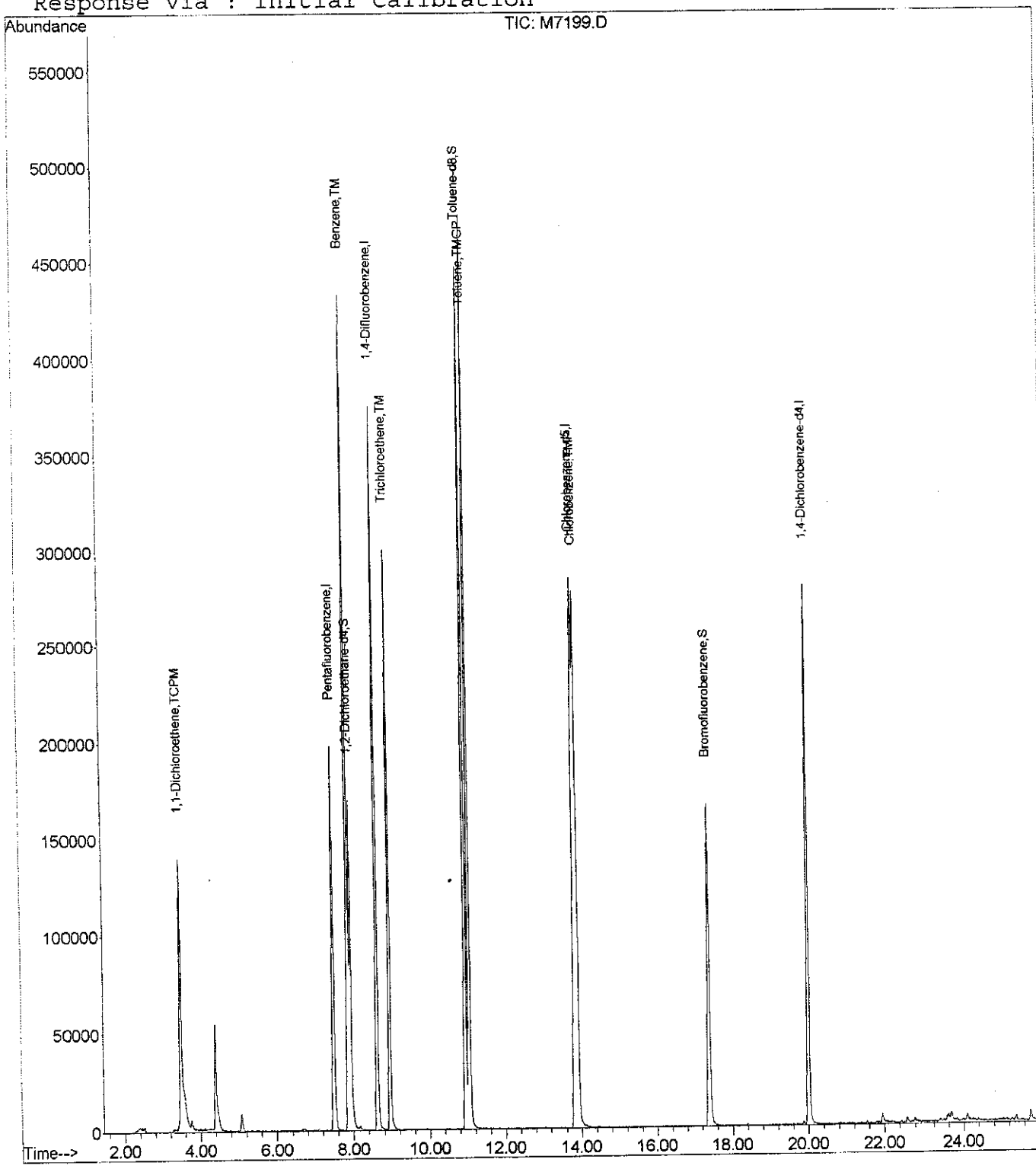
Quantitation Report

Data File : D:\M\DATA\JUL06\M0731\M7199.D
Acq On : 31 Jul 2006 16:20
Sample : VBLKM71MS
Misc : WATER 2884 RW
MS Integration Params: rteint.p
Quant Time: Aug 1 14:15 2006

Vial: 4
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8A0703.R

Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration



V-186

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\JUL06\M0731\M7199.D
Acq On : 31 Jul 2006 16:20
Sample : VBLKM71MS
Misc : WATER 2884 RW
MS Integration Params: rteint.p
Quant Time: Aug 1 14:15 2006

Vial: 4
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8A0703.RES

Quant Method : D:\M\METHODS\VM8A0703.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Jul 03 13:08:12 2006
Response via : Initial Calibration
DataAcq Meth : VM8A0703

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.49	168	207566	50.00	ug/l	0.04
24) 1,4-Difluorobenzene	8.62	114	461881	50.00	ug/l	0.03
43) Chlorobenzene-d5	13.82	117	393950	50.00	ug/l	0.05
55) 1,4-Dichlorobenzene-d4	20.01	152	138575	50.00	ug/l	0.05
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	7.94	65	161781	49.25	ug/l	0.03
Spiked Amount 50.000	Range 76 - 114		Recovery = 98.50%			
36) Toluene-d8	10.94	98	494194	49.66	ug/l	0.04
Spiked Amount 50.000	Range 88 - 110		Recovery = 99.32%			
42) Bromofluorobenzene	17.38	95	164259	44.44	ug/l	0.06
Spiked Amount 50.000	Range 86 - 115		Recovery = 88.88%			
Target Compounds						Qvalue
11) 1,1-Dichloroethene	3.48	61	177466	47.27	ug/l	80
29) Benzene	7.87	78	592030	43.97	ug/l	98
30) Trichloroethene	8.95	95	152396	40.47	ug/l	99
37) Toluene	11.05	91	569521	41.49	ug/l	98
49) Chlorobenzene	13.89	112	357350	39.84	ug/l	98

(#) = qualifier out of range (m) = manual integration
M7199.D VM8A0703.M Wed Aug 09 16:10:56 2006

V-187

2
PROJECT Monday July 31, 2006 Notebook No. 413
Continued From Page

>TB
ID85078

VHWF
VSTD050
VBWLD57
VBWD57

D4332
33
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35

Site Diff

06607043
7045
7044
7214 ms
7215 msD
7070
7078
7060
6861
6862
6862 ms
7209
7210
7211
7212
7213
VBWD ms
RHF ms

D4336
37
38
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C
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E
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14

STR
1:20
sm
80 wl
1:60 TCP
STR

Continued on Page

Read and Understood By

V-188

Signed 7/31/06 Date

Signed Date

BFB
VM8A0703

VTUNE
VSTD050
VBLKM71
VBLKM71

M7192
93
94
95

Site Dy/Am

0600 7223
7224
7031
VBLKM71M3
7216
7217
7218
7219
7220
7221M3
7222M3D
7223
BLANK

M7196
97
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99
7200
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10
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16
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ST

1:5

ST

Continued on Page

Read and Understood By

V-189

Signed 7/31/06
Date

Signed Date

BPB
VD850718

VTUNE D4357
VSTD050 58
VBLKD58 59
VBLKD58 60

Site	DL/Attn
1	STR
2	
3	1:100
4	
8	STR
9	
10	1:100
11	1:20
12	STR
13	
14	1:20
15	Spot
16	
1	1:10 TCP
2	STR
3	1:100
4	1:20
5	
6	
7	
8	

0607213	D4361	
7210	62	
7044D2	63	
VBLKD58ms	64	
7108	65	
7109	66	
7110DL	67	
7111	68	
7113ms	69	
7114msD	70	
7112	71	
7189	72	
7185	73	
7207	74	
7182	75	
7111DL	76	
7110	77	
BLKdm	78	
BLKdm	79	
BLKdm	80	
BLKdm	81	

Continued on Page

Read and Understood By

Signed 8/1/06 Date Signed Date

V-190

BTB
VM8A0703

VTUNE M7282
VSTD050 83
VBLKM74 84
VBLKM74 85

0607217	M7286	Site	D/Aft
BLANK	87	10	STR
7258	88	2	
7261	89	3	STR
VBLKM74M5	90	4	
7263	91	5	
7264	92	6	STR
7265	93	7	
7266	94	8	
7267	95	9	
7268	96	10	
7268M5	97	11	
7268M5D	98	12	
7269	99	13	
7270	7300	14	
7271	01	15	
7272	02	16	
7273	03	1	
BLANK	04	2	
	05	3	
	06	4	
	07	5	
	08	6	
	09	7	
	7310	8	
		9	
		10	
		11	

Continued on Page

Read and Understood By

V-197

Signed 8/03/06
Date

Signed
Date

2D

SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	TOT OUT
01	SBLK66	62	64	70	0
02	05 DP 1S	69	64	75	0
03	05 DP 3S	74	75	82	0
04	05 DP 7S	74	75	85	0
05	05 DP 9S	68	71	81	0
06	05 DP 10S	73	74	85	0
07	MS S	77	78	82	0
08	MSD S	69	70	78	0
09	SBLK66MS	50	51	54	0

				QC LIMITS
S1	(NBZ)	=	Nitrobenzene-d5	(23-120)
S2	(FBP)	=	2-Fluorobiphenyl	(30-115)
S3	(TPH)	=	Terphenyl-d14	(18-137)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

2C

WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	TOT OUT
01	SBLK64MS	37	40 *	80	1
02	05 DP 3A	39	40 *	55	1
03	05 DP 7A	33 *	39 *	67	2
04	05 DP 9A	39	41 *	64	1
05	05 DP 10A	51	53	62	0
06	MS A	43	47	55	0
07	MSD A	48	56	65	0
08	05 DP 1A	42	49	70	0
09	FIELDBLANK	41	43 *	89	1
10	05 DP 3ADL	43	40 *	53	1
11	05 DP 7ADL	35 *	43	70	1
12	SBLK64	65	67	89	0

				QC LIMITS
S1	(NBZ)	=	Nitrobenzene-d5	(35-114)
S2	(FBP)	=	2-Fluorobiphenyl	(43-116)
S3	(TPH)	=	Terphenyl-d14	(33-141)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

3C

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - EPA Sample No SBLK64

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,4-Dichlorobenzene	50	0.0	20	40	36 - 97
N-Nitroso-di-n-propylamine	50	0.0	24	48	41 - 116
1,2,4-Trichlorobenzene	50	0.0	19	38 *	39 - 98
Acenaphthene	50	0.0	26	52	46 - 118
2,4-Dinitrotoluene	50	0.0	41	82	24 - 96
Pyrene	50	0.0	49	98	26 - 127

Column to be used to flag recovery and RPD values with an asteris

* Values outside of QC limits

RPD: 2 out of 6 outside limits

Spike Recovery: 1 out of 12 outside limits

COMMENTS:

SV-3

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - EPA Sample No. SBLK66 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,4-Dichlorobenzene	3300	0.0	2200	67	28 - 104
N-Nitroso-di-n-propylamine	3300	0.0	2300	70	41 - 126
1,2,4-Trichlorobenzene	3300	0.0	2100	64	38 - 107
Acenaphthene	3300	0.0	2200	67	31 - 137
2,4-Dinitrotoluene	3300	0.0	2300	70	28 - 89
Pyrene	3300	0.0	2500	76	35 - 142

Column to be used to flag recovery and RPD values with an asteris

* Values outside of QC limits

RPD: 3 out of 6 outside limits

Spike Recovery: 0 out of 12 outside limits

COMMENTS:

SV-4

3C

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - EPA Sample No MS A _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,4-Dichlorobenzene	50	0.0	24	48	36 - 97
N-Nitroso-di-n-propylamine	50	0.0	27	54	41 - 116
1,2,4-Trichlorobenzene	50	0.0	23	46	39 - 98
Acenaphthene	50	0.0	28	56	46 - 118
2,4-Dinitrotoluene	50	0.0	43	86	24 - 96
Pyrene	50	0.0	50	100	26 - 127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,4-Dichlorobenzene	50	27	54	12	28	36 - 97
N-Nitroso-di-n-propylamine	50	33	66	20	38	41 - 116
1,2,4-Trichlorobenzene	50	27	54	16	28	39 - 98
Acenaphthene	50	35	70	22	31	46 - 118
2,4-Dinitrotoluene	50	46	92	7	38	24 - 96
Pyrene	50	51	102	2	31	26 - 127

Column to be used to flag recovery and RPD values with an asteris

* Values outside of QC limits

RPD: 0 out of 6 outside limits

Spike Recovery: 0 out of 12 outside limits

COMMENTS:

SV-5

3/90

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - EPA Sample No. MS S _____ Level: (low/med) LOW ___

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,4-Dichlorobenzene	3300	0.0	3200	97	28 - 104
N-Nitroso-di-n-propylamine	3300	0.0	3400	103	41 - 126
1,2,4-Trichlorobenzene	3300	0.0	3000	91	38 - 107
Acenaphthene	3300	0.0	3000	91	31 - 137
2,4-Dinitrotoluene	3300	0.0	3100	94 *	28 - 89
Pyrene	3300	0.0	3400	103	35 - 142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,4-Dichlorobenzene	3300	2900	88	10	27	28 - 104
N-Nitroso-di-n-propylamine	3300	3100	94	9	38	41 - 126
1,2,4-Trichlorobenzene	3300	2800	85	7	23	38 - 107
Acenaphthene	3300	2800	85	7	19	31 - 137
2,4-Dinitrotoluene	3300	2900	88	7	47	28 - 89
Pyrene	3300	3400	103	0	36	35 - 142

Column to be used to flag recovery and RPD values with an asteris

* Values outside of QC limits

RPD: 0 out of 6 outside limits

Spike Recovery: 1 out of 12 outside limits

COMMENTS:

SV-6

4B

EPA SAMPLE NO.

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK64

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID: E2430.D Lab Sample ID: SBLK64

Instrument ID: HP5971BE Date Extracted: 8/1/06

Matrix: (soil/water) WATER Date Analyzed: 8/4/06

Level: (low/med) LOW Time Analyzed: 14:48

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK64MS	SBLK64MS	E2396.D	8/2/06
02	05 DP 3A	0607217	E2399.D	8/2/06
03	05 DP 7A	0607218	E2400.D	8/2/06
04	05 DP 9A	0607219	E2401.D	8/2/06
05	05 DP 10A	0607220	E2402.D	8/2/06
06	MS A	0607221	E2403.D	8/2/06
07	MSD A	0607222	E2404.D	8/2/06
08	05 DP 1A	0607216	E2405.D	8/2/06
09	FIELDBLANK	0607224	E2408.D	8/2/06
10	05 DP 3ADL	0607217DL	E2421.D	8/3/06
11	05 DP 7ADL	0607218DL	E2422.D	8/3/06

COMMENTS:

SV-7

4B

EPA SAMPLE NO.

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK66

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Lab File ID: E2413.D Lab Sample ID: SBLK66

Instrument ID: HP5971BE Date Extracted: 8/2/06

Matrix: (soil/water) SOIL Date Analyzed: 8/3/06

Level: (low/med) LOW Time Analyzed: 12:16

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	05 DP 1S	0607209	E2414.D	8/3/06
02	05 DP 3S	0607210	E2415.D	8/3/06
03	05 DP 7S	0607211	E2416.D	8/3/06
04	05 DP 9S	0607212	E2417.D	8/3/06
05	05 DP 10S	0607213	E2418.D	8/3/06
06	MS S	0607214	E2419.D	8/3/06
07	MSD S	0607215	E2420.D	8/3/06
08	SBLK66MS	SBLK66MS	E2481.D	8/9/06

COMMENTS:

SV-8

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: E2263.D DFTPP Injection Date: 7/20/06

Instrument ID: HP5971AE DFTPP Injection Time: 14:47

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	41.4
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 Relative abundanc	54.0
70	Less than 2.0% of mass 69	0.2 (0.4)1
127	25.0 - 75.0% of mass 198	49.0
197	Less than 1.0% of mass 19	0.0
198	Base Peak, 100% relative abundanc	100.0
199	5.0 to 9.0% of mass 198	6.2
275	10.0 - 30.0% of mass 198	18.8
365	Greater than 0.75% of mass 198	2.3
441	Present, but less than mass 443	8.8
442	40.0 - 110.0% of mass 198	57.5
443	15.0 - 24.0% of mass 442	10.8 (18.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD050	SSTD050	E2264.D	7/20/06	15:03
02	SSTD160	SSTD160	E2265.D	7/20/06	16:11
03	SSTD020	SSTD020	E2266.D	7/20/06	16:56
04	SSTD080	SSTD080	E2267.D	7/20/06	17:41
05	SSTD120	SSTD120	E2268.D	7/20/06	18:25

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Lab File ID: E2393.D DFTPP Injection Date: 8/2/06

Instrument ID: HP5971BE DFTPP Injection Time: 9:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	47.5
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 Relative abundanc	63.9
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	25.0 - 75.0% of mass 198	53.5
197	Less than 1.0% of mass 19	0.0
198	Base Peak, 100% relative abundanc	100.0
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	17.2
365	Greater than 0.75% of mass 198	1.6
441	Present, but less than mass 443	6.7
442	40.0 - 110.0% of mass 198	45.2
443	15.0 - 24.0% of mass 442	8.5 (18.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD050	SSTD050	E2394.D	8/2/06	9:51
02	SBLK64MS	SBLK64MS	E2396.D	8/2/06	11:23
03	05 DP 3A	0607217	E2399.D	8/2/06	13:42
04	05 DP 7A	0607218	E2400.D	8/2/06	14:28
05	05 DP 9A	0607219	E2401.D	8/2/06	15:14
06	05 DP 10A	0607220	E2402.D	8/2/06	16:00
07	MS A	0607221	E2403.D	8/2/06	16:47
08	MSD A	0607222	E2404.D	8/2/06	17:33
09	05 DP 1A	0607216	E2405.D	8/2/06	18:19
10	FIELDBLANK	0607224	E2408.D	8/2/06	20:37

SV-10

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID: E2411.D DFTPP Injection Date: 8/3/06

Instrument ID: HP5971BE DFTPP Injection Time: 10:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	47.7
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 Relative abundanc	64.1
70	Less than 2.0% of mass 69	0.2 (0.4)1
127	25.0 - 75.0% of mass 198	53.4
197	Less than 1.0% of mass 19	0.0
198	Base Peak, 100% relative abundanc	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	17.5
365	Greater than 0.75% of mass 198	1.6
441	Present, but less than mass 443	6.4
442	40.0 - 110.0% of mass 198	41.5
443	15.0 - 24.0% of mass 442	7.9 (19.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD050	SSTD050	E2412.D	8/3/06	11:15
02	SBLK66	SBLK66	E2413.D	8/3/06	12:16
03	05 DP 1S	0607209	E2414.D	8/3/06	13:02
04	05 DP 3S	0607210	E2415.D	8/3/06	13:48
05	05 DP 7S	0607211	E2416.D	8/3/06	14:34
06	05 DP 9S	0607212	E2417.D	8/3/06	15:20
07	05 DP 10S	0607213	E2418.D	8/3/06	16:06
08	MS S	0607214	E2419.D	8/3/06	16:52
09	MSD S	0607215	E2420.D	8/3/06	17:38
10	05 DP 3ADL	0607217DL	E2421.D	8/3/06	18:24
11	05 DP 7ADL	0607218DL	E2422.D	8/3/06	19:09

SV-11

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Lab File ID: E2428.D DFTPP Injection Date: 8/4/06

Instrument ID: HP5971BE DFTPP Injection Time: 13:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	45.4 ~~60.0~~ 0.0 (~~100.0~~ 0.0)1
68	Less than 2.0% of mass 69	60.9
69	Mass 69 Relative abundanc	0.2 (0.4)1
70	Less than 2.0% of mass 69	51.9
127	25.0 - 75.0% of mass 198	0.0
197	Less than 1.0% of mass 19	100.0
198	Base Peak, 100% relative abundanc	6.6
199	5.0 to 9.0% of mass 198	17.8
275	10.0 - 30.0% of mass 198	1.8
365	Greater than 0.75% of mass 198	7.1
441	Present, but less than mass 443	46.6
442	40.0 - 110.0% of mass 198	8.9 (19.1)2
443	15.0 - 24.0% of mass 442	

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD050	SSTD050	E2429.D	8/4/06	14:02
02	SBLK64	SBLK64	E2430.D	8/4/06	14:48

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Lab File ID: E2479.D DFTPP Injection Date: 8/9/06

Instrument ID: HP5971BE DFTPP Injection Time: 12:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 80.0% of mass 198	46.6	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 Relative abundanc	62.5	
70	Less than 2.0% of mass 69	0.2	(0.4)1
127	25.0 - 75.0% of mass 198	53.1	
197	Less than 1.0% of mass 19	0.0	
198	Base Peak, 100% relative abundanc	100.0	
199	5.0 to 9.0% of mass 198	6.7	
275	10.0 - 30.0% of mass 198	17.5	
365	Greater than 0.75% of mass 198	1.7	
441	Present, but less than mass 443	7.1	
442	40.0 - 110.0% of mass 198	46.5	
443	15.0 - 24.0% of mass 442	9.1	(19.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD050	SSTD050	E2480.D	8/9/06	13:51
02	SBLK66MS	SBLK66MS	E2481.D	8/9/06	15:22

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Lab File ID (Standard): E2394.D Date Analyzed: 8/2/06

Instrument ID: HP5971BE Time Analyzed: 9:51

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	287704	10.44	1340526	13.66	738915	18.21
	UPPER LIMIT	575408	10.94	2681052	14.16	1477830	18.71
	LOWER LIMIT	143852	9.94	670263	13.16	369458	17.71
	EPA SAMPLE NO.						
01	SBLK64MS	216944	10.42	1029598	13.64	558923	18.18
02	05 DP 3A	152915	10.44	653285 *	13.66	386967	18.18
03	05 DP 7A	219762	10.42	1025765	13.64	550090	18.18
04	05 DP 9A	219901	10.42	1035928	13.64	567725	18.18
05	05 DP 10A	235380	10.42	1102848	13.64	586761	18.18
06	MS A	226367	10.42	1047084	13.65	555445	18.17
07	MSD A	220924	10.42	1048019	13.65	559142	18.17
08	05 DP 1A	233529	10.42	1084412	13.64	555770	18.18
09	FIELDBLANK	231895	10.42	1096580	13.64	605535	18.18

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

SV-14

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Lab File ID (Standard): . E2394.D Date Analyzed: 08/02/06

Instrument ID: HP5971BE Time Analyzed: 09:51

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	1154696	21.96	870512	28.79	823074	32.18
	UPPER LIMIT	2309392	21.46	1741024	28.29	1646148	31.68
	LOWER LIMIT	577348	22.46	435256	29.29	411537	32.68
	EPA SAMPLE NO.						
01	SBLK64MS	823260	21.93	647240	28.74	604892	32.14
02	05 DP 3A	597571	21.93	487602	28.74	458323	32.15
03	05 DP 7A	810168	21.93	647479	28.74	592270	32.15
04	05 DP 9A	849771	21.93	676641	28.74	643360	32.15
05	05 DP 10A	870540	21.93	729361	28.74	699040	32.15
06	MS A	830021	21.94	685543	28.75	648348	32.14
07	MSD A	849543	21.94	682986	28.75	645102	32.14
08	05 DP 1A	820091	21.94	636570	28.75	585650	32.15
09	FIELDBLANK	910656	21.93	760173	28.74	716688	32.15

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

SV-15

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Lab File ID (Standard): E2412.D Date Analyzed: 8/3/06

Instrument ID: HP5971BE Time Analyzed: 11:15

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	235250	10.41	1143354	13.63	651758	18.17
	UPPER LIMIT	470500	10.91	2286708	14.13	1303516	18.67
	LOWER LIMIT	117625	9.91	571677	13.13	325879	17.67
	EPA SAMPLE NO.						
01	SBLK66	190426	10.40	948617	13.61	542599	18.15
02	05 DP 1S	156269	10.40	808746	13.61	494304	18.15
03	05 DP 3S	172852	10.40	854578	13.61	489034	18.14
04	05 DP 7S	185248	10.40	914757	13.61	520298	18.15
05	05 DP 9S	199384	10.40	976799	13.62	545554	18.15
06	05 DP 10S	187018	10.40	905956	13.61	522464	18.15
07	MS S	200680	10.40	1001465	13.63	573356	18.15
08	MSD S	205859	10.40	1011664	13.62	578289	18.15

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

SV-16

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Lab File ID (Standard): E2412.D Date Analyzed: 08/03/06

Instrument ID: HP5971BE Time Analyzed: 11:15

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1027090	21.92	761301	28.73	715706	32.13
	UPPER LIMIT	2054180	21.42	1522602	28.23	1431412	31.63
	LOWER LIMIT	513545	22.42	380651	29.23	357853	32.63
	EPA SAMPLE NO.						
01	SBLK66	855521	21.90	687598	28.69	651788	32.09
02	05 DP 1S	829920	21.90	680059	28.70	660727	32.09
03	05 DP 3S	769425	21.90	619227	28.69	609325	32.09
04	05 DP 7S	827248	21.90	659890	28.70	633663	32.10
05	05 DP 9S	839045	21.90	651500	28.70	617528	32.09
06	05 DP 10S	797605	21.90	634623	28.70	611016	32.10
07	MS S	869855	21.90	670569	28.70	620518	32.09
08	MSD S	875951	21.90	659302	28.70	598491	32.09

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

SV-17

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Lab File ID (Standard): E2412.D Date Analyzed: 8/3/06

Instrument ID: HP5971BE Time Analyzed: 11:15

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	235250	10.41	1143354	13.63	651758	18.17
	UPPER LIMIT	470500	10.91	2286708	14.13	1303516	18.67
	LOWER LIMIT	117625	9.91	571677	13.13	325879	17.67
	EPA SAMPLE NO.						
01	05 DP 3ADL	221915	10.40	1003767	13.62	614738	18.15
02	05 DP 7ADL	246396	10.39	1231997	13.61	723826	18.15

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

SV-18

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Lab File ID (Standard): E2412.D Date Analyzed: 08/03/06

Instrument ID: HP5971BE Time Analyzed: 11:15

		IS4(PHN) AREA #	IS4(PHN) RT #	IS5(CRY) AREA #	IS5(CRY) RT #	IS6(PRY) AREA #	IS6(PRY) RT #
	12 HOUR STD	1027090	21.92	761301	28.73	715706	32.13
	UPPER LIMIT	2054180	21.42	1522602	28.23	1431412	31.63
	LOWER LIMIT	513545	22.42	380651	29.23	357853	32.63
	EPA SAMPLE NO.						
01	05 DP 3ADL	1003021	21.90	825469	28.70	788355	32.11
02	05 DP 7ADL	1103245	21.90	917837	28.70	860256	32.10

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

SV-19

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Lab File ID (Standard): E2429.D Date Analyzed: 8/4/06

Instrument ID: HP5971BE Time Analyzed: 14:02

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	332684	10.23	1524944	13.46	858662	17.99
	UPPER LIMIT	665368	10.73	3049888	13.96	1717324	18.49
	LOWER LIMIT	166342	9.73	762472	12.96	429331	17.49
	EPA SAMPLE NO.						
01	SBLK64	213916	10.22	975038	13.43	514858	17.96

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Lab File ID (Standard): E2429.D Date Analyzed: 08/04/06

Instrument ID: HP5971BE Time Analyzed: 14:02

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1348753	21.74	1044001	28.55	909330	31.93
	UPPER LIMIT	2697506	21.24	2088002	28.05	1818660	31.43
	LOWER LIMIT	674377	22.24	522001	29.05	454665	32.43
	EPA SAMPLE NO.						
01	SBLK64	738026	21.71	569557	28.49	520638	31.88

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Lab File ID (Standard): E2480.D Date Analyzed: 8/9/06

Instrument ID: HP5971BE Time Analyzed: 13:51

	IS1(DCB) AREA #	IS1(DCB) RT #	IS2(NPT) AREA #	IS2(NPT) RT #	IS3(ANT) AREA #	IS3(ANT) RT #
12 HOUR STD	333567	10.36	1539806	13.58	847785	18.12
UPPER LIMIT	667134	10.86	3079612	14.08	1695570	18.62
LOWER LIMIT	166784	9.86	769903	13.08	423893	17.62
EPA SAMPLE NO.						
01 SBLK66MS	249347	10.35	1159287	13.57	627299	18.10

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

SV-22

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Lab File ID (Standard): E2480.D Date Analyzed: 08/09/06

Instrument ID: HP5971BE Time Analyzed: 13:51

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1342054	21.88	1082066	28.69	1009969	32.09
	UPPER LIMIT	2684108	21.38	2164132	28.19	2019938	31.59
	LOWER LIMIT	671027	22.38	541033	29.19	504985	32.59
	EPA SAMPLE NO.						
01	SBLK66MS	966844	21.84	785716	28.64	749723	32.04

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

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Accredited Analytical Resources
GC/MS-SEMI-VOA INSTRUMENT DETECTION LIMITS (IDL)

Instrument ID: HP5971E
Date Analyzed: 08/26/05
Analyst: D. Miguel
Method: 8270

ANALYTES	REP 1	REP 2	REP 3	AVERAGE	STD DEV	IDL
N-Nitrosodimethylamine	3.24	3.17	2.86	3.09	0.20	**1.41**
Aniline	3.34	3.35	3.06	3.25	0.16	**1.15**
Phenol	3.11	2.97	2.76	2.95	0.18	**1.23**
bis (2-Chloroethyl) ether	3.89	3.83	3.54	3.75	0.19	**1.30**
2-Chlorophenol	3.42	3.4	3.1	3.31	0.18	**1.25**
1,3-Dichlorobenzene	3.19	3.19	3.1	3.16	0.05	**0.36**
1,4-Dichlorobenzene	3.29	3.22	2.99	3.17	0.16	**1.09**
Benzyl Alcohol	3.29	3.25	3.01	3.18	0.15	**1.05**
1,2-Dichlorobenzene	3.23	3.29	3.15	3.22	0.07	**0.49**
2-Methylphenol	3.63	3.47	3.23	3.44	0.20	**1.40**
bis (2-chloroisopropyl)ether	4.1	4.14	3.84	4.03	0.16	**1.13**
3&4-Methylphenol	3.42	3.39	3.26	3.36	0.09	**0.59**
N-nitroso-di-n-propylamine	3.89	3.94	3.67	3.83	0.14	**1.00**
Hexachloroethane	3.01	3.02	2.99	3.01	0.02	**0.11**
Nitrobenzene	3.66	3.63	3.34	3.54	0.18	**1.23**
Isophrone	3.64	3.67	3.45	3.59	0.12	**0.83**
2-Nitrophenol	3.1	3.06	2.75	2.97	0.19	**1.33**
2,4-Dimethylphenol	3.42	3.32	3.09	3.28	0.17	**1.18**
Benzoic Acid	5.39	3.84	3.31	4.18	1.08	**7.53**
bis (2-Chloroethoxy)methane	3.85	3.87	3.57	3.76	0.17	**1.17**
2,4-Dichlorophenol	3.31	3.17	2.98	3.15	0.17	**1.15**
1,2,4-Trichlorobenzene	3.28	3.16	3.17	3.20	0.07	**0.46**
Naphthalene	1.64	1.47	1.65	1.59	0.10	**0.70**
4-Chloroaniline	3.49	3.51	3.29	3.43	0.12	**0.85**
Hexachlorobutadiene	2.95	2.93	3.02	2.97	0.05	**0.33**
4-Chloro-3-methylphenol	3.44	3.4	3.37	3.40	0.04	**0.24**
2-Methylnaphthalene	3.71	3.71	3.52	3.65	0.11	**0.76**
Hexachlorocyclopentadiene	2.27	2.19	2.14	2.20	0.07	**0.46**
2,4,6-Trichlorophenol	3.36	3.28	3.13	3.26	0.12	**0.81**
2,4,5-Trichlorophenol	3.37	3.26	3.12	3.25	0.13	**0.87**
2-Chloronaphthalene	3.82	3.69	3.56	3.69	0.13	**0.91**
2-Nitroaniline	3.47	3.38	3.36	3.40	0.06	**0.41**
Dimethylphthalate	4.29	4.22	4.15	4.22	0.07	**0.49**
Acenaphthylene	1.79	1.65	1.85	1.76	0.10	**0.71**
3-Nitroaniline	3.92	3.8	3.67	3.80	0.13	**0.87**
Acenaphthene	1.66	1.52	1.74	1.64	0.11	**0.78**
2,4-Dinitrophenol	0.5	0.52	0.52	0.51	0.01	**0.08**
4-Nitrophenol	2.4	2.33	2.34	2.36	0.04	**0.26**
Dibenzofuran	3.88	3.75	3.67	3.77	0.11	**0.74**
2,6-Dinitrotoluene	3.58	3.47	3.42	3.49	0.08	**0.57**
2,4-Dinitrotoluene	3.28	3.19	3.21	3.23	0.05	**0.33**
Diethylphthalate	4.69	4.51	4.58	4.59	0.09	**0.63**

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4-Chlorophenyl-phenylether	4.19	4.08	4.13	4.13	0.06	**0.38**
Fluorene	1.67	1.61	1.73	1.67	0.06	**0.42**
4-Nitroaniline	3.98	3.88	3.89	3.92	0.06	**0.38**
4,6-Dinitro-2-methylphenol	1.65	1.72	1.6	1.66	0.06	**0.42**
Carbazole	4.68	4.47	4.51	4.55	0.11	**0.78**
n-Nitrosodiphenylamine	4.44	4.31	4.26	4.34	0.09	**0.65**
1,2-Diphenylhdrazine	4.61	4.56	4.43	4.53	0.09	**0.65**
Azobenzene	4.6	4.55	4.42	4.52	0.09	**0.65**
4-Bromophenyl-phenylether	3.91	3.76	3.69	3.79	0.11	**0.78**
Hexachlorobenzene	3.72	3.7	3.61	3.68	0.06	**0.41**
Pentachloropenol	1.23	1.32	1.29	1.28	0.05	**0.32**
Phenanthrene	1.81	1.78	1.85	1.81	0.04	**0.24**
Anthracene	1.89	1.87	1.93	1.90	0.03	**0.21**
Di-n-butylphthalate	4.82	4.49	4.54	4.62	0.18	**1.24**
Fluoranthene	2.17	2.22	2.25	2.21	0.04	**0.28**
Benzidine	17.15	17.41	15.96	16.84	0.77	**5.38**
Pyrene	2.12	2.08	2.13	2.11	0.03	**0.18**
Butylbenzylphthalate	4.37	4.18	4.3	4.28	0.10	**0.67**
3,3'-Dichlorobenzidine	24.87	22.01	22.09	22.99	1.63	**11.34**
Benzo [a] anthracene	2.1	2.27	2.22	2.20	0.09	**0.61**
bis (2-Ethylhexyl)phthalate	5.62	5.3	5.43	5.45	0.16	**1.12**
Chrysene	1.89	1.91	1.92	1.91	0.02	**0.11**
Di-n-octylphthalate	3.71	3.57	3.57	3.62	0.08	**0.56**
Benzo [b] fluoroanthene	1.75	1.79	1.89	1.81	0.07	**0.50**
Benzo [k] fluoroanthene	2.37	2.36	2.32	2.35	0.03	**0.18**
Benzo [a] pyrene	2.01	2.04	2.03	2.03	0.02	**0.11**
Indeno [1,2,3-cd] pyrene	2.12	2.25	2.24	2.20	0.07	**0.50**
Dibenz [g,h,l]perylene	1.9	2.01	1.98	1.96	0.06	**0.40**
Dibenz [g,h,l]perylene	2.51	2.52	2.46	2.50	0.03	**0.22**

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

05 DP 1S

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0607209

Sample wt/vol: 30 (g/ml) G Lab File ID: E2414.D

Level: (low/med) LOW Date Received: _____

% Moisture: 13.4 decanted:(Y/N) N Date Extracted: 8/2/06

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/3/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	380	U
208-96-8	Acenaphthylene	380	U
83-32-9	Acenaphthene	380	U
86-73-7	Fluorene	380	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
56-55-3	Benzo[a]anthracene	380	U
218-01-9	Chrysene	380	U
205-99-2	Benzo[b]fluoranthene	380	U
207-08-9	Benzo[k]fluoranthene	380	U
50-32-8	Benzo[a]pyrene	380	U
193-39-5	Indeno[1,2,3-cd]pyrene	380	U
53-70-3	Dibenz[a,h]anthracene	380	U
191-24-2	Benzo[g,h,i]perylene	380	U

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 3S

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0607210

Sample wt/vol: 30 (g/ml) G Lab File ID: E2415.D

Level: (low/med) LOW Date Received:

% Moisture: 25 decanted:(Y/N) N Date Extracted: 8/2/06

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/3/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	440	U
208-96-8	Acenaphthylene	440	U
83-32-9	Acenaphthene	440	U
86-73-7	Fluorene	440	U
85-01-8	Phenanthrene	440	U
120-12-7	Anthracene	440	U
206-44-0	Fluoranthene	440	U
129-00-0	Pyrene	440	U
56-55-3	Benzo[a]anthracene	440	U
218-01-9	Chrysene	440	U
205-99-2	Benzo[b]fluoranthene	440	U
207-08-9	Benzo[k]fluoranthene	440	U
50-32-8	Benzo[a]pyrene	440	U
193-39-5	Indeno[1,2,3-cd]pyrene	440	U
53-70-3	Dibenz[a,h]anthracene	440	U
191-24-2	Benzo[g,h,i]perylene	440	U

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 7S

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0607211

Sample wt/vol: 30 (g/ml) G Lab File ID: E2416.D

Level: (low/med) LOW Date Received:

% Moisture: 11.2 decanted:(Y/N) N Date Extracted: 8/2/06

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/3/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	370	U
208-96-8	Acenaphthylene	370	U
83-32-9	Acenaphthene	370	U
86-73-7	Fluorene	370	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
56-55-3	Benzo[a]anthracene	370	U
218-01-9	Chrysene	370	U
205-99-2	Benzo[b]fluoranthene	370	U
207-08-9	Benzo[k]fluoranthene	370	U
50-32-8	Benzo[a]pyrene	370	U
193-39-5	Indeno[1,2,3-cd]pyrene	370	U
53-70-3	Dibenz[a,h]anthracene	370	U
191-24-2	Benzo[g,h,i]perylene	370	U

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 9S

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0607212

Sample wt/vol: 30 (g/ml) G Lab File ID: E2417.D

Level: (low/med) LOW Date Received:

% Moisture: 9.6 decanted:(Y/N) N Date Extracted: 8/2/06

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/3/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	370	U
208-96-8	Acenaphthylene	370	U
83-32-9	Acenaphthene	370	U
86-73-7	Fluorene	370	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
56-55-3	Benzo[a]anthracene	370	U
218-01-9	Chrysene	370	U
205-99-2	Benzo[b]fluoranthene	370	U
207-08-9	Benzo[k]fluoranthene	370	U
50-32-8	Benzo[a]pyrene	370	U
193-39-5	Indeno[1,2,3-cd]pyrene	370	U
53-70-3	Dibenz[a,h]anthracene	370	U
191-24-2	Benzo[g,h,i]perylene	370	U

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 10S

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0607213

Sample wt/vol: 30 (g/ml) G Lab File ID: E2418.D

Level: (low/med) LOW Date Received:

% Moisture: 6.3 decanted:(Y/N) N Date Extracted: 8/2/06

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/3/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	350	U
208-96-8	Acenaphthylene	350	U
83-32-9	Acenaphthene	350	U
86-73-7	Fluorene	350	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
56-55-3	Benzo[a]anthracene	350	U
218-01-9	Chrysene	350	U
205-99-2	Benzo[b]fluoranthene	350	U
207-08-9	Benzo[k]fluoranthene	350	U
50-32-8	Benzo[a]pyrene	350	U
193-39-5	Indeno[1,2,3-cd]pyrene	350	U
53-70-3	Dibenz[a,h]anthracene	350	U
191-24-2	Benzo[g,h,i]perylene	350	U

SV-30

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MS S

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0607214

Sample wt/vol: 30 (g/ml) G Lab File ID: E2419.D

Level: (low/med) LOW Date Received:

% Moisture: 0 decanted:(Y/N) N Date Extracted: 8/2/06

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/3/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	330	U
208-96-8	Acenaphthylene	330	U
83-32-9	Acenaphthene	3000	
86-73-7	Fluorene	330	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	3400	
56-55-3	Benzo[a]anthracene	330	U
218-01-9	Chrysene	330	U
205-99-2	Benzo[b]fluoranthene	330	U
207-08-9	Benzo[k]fluoranthene	330	U
50-32-8	Benzo[a]pyrene	330	U
193-39-5	Indeno[1,2,3-cd]pyrene	330	U
53-70-3	Dibenz[a,h]anthracene	330	U
191-24-2	Benzo[g,h,i]perylene	330	U

SV-31

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MSD S

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0607215

Sample wt/vol: 30 (g/ml) G Lab File ID: E2420.D

Level: (low/med) LOW Date Received: _____

% Moisture: 0 decanted:(Y/N) N Date Extracted: 8/2/06

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/3/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	330	U
208-96-8	Acenaphthylene	330	U
83-32-9	Acenaphthene	2800	
86-73-7	Fluorene	330	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	3400	
56-55-3	Benzo[a]anthracene	330	U
218-01-9	Chrysene	330	U
205-99-2	Benzo[b]fluoranthene	330	U
207-08-9	Benzo[k]fluoranthene	330	U
50-32-8	Benzo[a]pyrene	330	U
193-39-5	Indeno[1,2,3-cd]pyrene	330	U
53-70-3	Dibenz[a,h]anthracene	330	U
191-24-2	Benzo[g,h,i]perylene	330	U

SV-32

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 1A

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0607216

Sample wt/vol: 960 (g/ml) ML Lab File ID: E2405.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 8/1/06

Concentrated Extract Volume: 500 (uL) Date Analyzed: 8/2/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	5	U
208-96-8	Acenaphthylene	5	U
83-32-9	Acenaphthene	5	U
86-73-7	Fluorene	5	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
56-55-3	Benzo[a]anthracene	5	U
218-01-9	Chrysene	5	U
205-99-2	Benzo[b]fluoranthene	5	U
207-08-9	Benzo[k]fluoranthene	5	U
50-32-8	Benzo[a]pyrene	5	U
193-39-5	Indeno[1,2,3-cd]pyrene	5	U
53-70-3	Dibenz[a,h]anthracene	5	U
191-24-2	Benzo[g,h,i]perylene	5	U

SV-33

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 3A

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0607217

Sample wt/vol: 860 (g/ml) ML Lab File ID: E2399.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 8/1/06

Concentrated Extract Volume: 500 (uL) Date Analyzed: 8/2/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	6	U
208-96-8	Acenaphthylene	6	U
83-32-9	Acenaphthene	6	U
86-73-7	Fluorene	6	U
85-01-8	Phenanthrene	6	U
120-12-7	Anthracene	6	U
206-44-0	Fluoranthene	6	U
129-00-0	Pyrene	6	U
56-55-3	Benzo[a]anthracene	6	U
218-01-9	Chrysene	6	U
205-99-2	Benzo[b]fluoranthene	6	U
207-08-9	Benzo[k]fluoranthene	6	U
50-32-8	Benzo[a]pyrene	6	U
193-39-5	Indeno[1,2,3-cd]pyrene	6	U
53-70-3	Dibenz[a,h]anthracene	6	U
191-24-2	Benzo[g,h,i]perylene	6	U

SV-34

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 3ADL

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0607217DL

Sample wt/vol: 860 (g/ml) ML Lab File ID: E2421.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 8/1/06

Concentrated Extract Volume: 500 (uL) Date Analyzed: 8/3/06

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	29	U
208-96-8	Acenaphthylene	29	U
83-32-9	Acenaphthene	29	U
86-73-7	Fluorene	29	U
85-01-8	Phenanthrene	29	U
120-12-7	Anthracene	29	U
206-44-0	Fluoranthene	29	U
129-00-0	Pyrene	29	U
56-55-3	Benzo[a]anthracene	29	U
218-01-9	Chrysene	29	U
205-99-2	Benzo[b]fluoranthene	29	U
207-08-9	Benzo[k]fluoranthene	29	U
50-32-8	Benzo[a]pyrene	29	U
193-39-5	Indeno[1,2,3-cd]pyrene	29	U
53-70-3	Dibenz[a,h]anthracene	29	U
191-24-2	Benzo[g,h,i]perylene	29	U

SV-35

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 7A

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0607218

Sample wt/vol: 930 (g/ml) ML Lab File ID: E2400.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 8/1/06

Concentrated Extract Volume: 500 (uL) Date Analyzed: 8/2/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	5	U
208-96-8	Acenaphthylene	5	U
83-32-9	Acenaphthene	5	U
86-73-7	Fluorene	5	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
56-55-3	Benzo[a]anthracene	5	U
218-01-9	Chrysene	5	U
205-99-2	Benzo[b]fluoranthene	5	U
207-08-9	Benzo[k]fluoranthene	5	U
50-32-8	Benzo[a]pyrene	5	U
193-39-5	Indeno[1,2,3-cd]pyrene	5	U
53-70-3	Dibenz[a,h]anthracene	5	U
191-24-2	Benzo[g,h,i]perylene	5	U

SV-36

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 7ADL

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0607218DL

Sample wt/vol: 930 (g/ml) ML Lab File ID: E2422.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted:(Y/N) N Date Extracted: 8/1/06

Concentrated Extract Volume: 500 (uL) Date Analyzed: 8/3/06

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	27	U
208-96-8	Acenaphthylene	27	U
83-32-9	Acenaphthene	27	U
86-73-7	Fluorene	27	U
85-01-8	Phenanthrene	27	U
120-12-7	Anthracene	27	U
206-44-0	Fluoranthene	27	U
129-00-0	Pyrene	27	U
56-55-3	Benzo[a]anthracene	27	U
218-01-9	Chrysene	27	U
205-99-2	Benzo[b]fluoranthene	27	U
207-08-9	Benzo[k]fluoranthene	27	U
50-32-8	Benzo[a]pyrene	27	U
193-39-5	Indeno[1,2,3-cd]pyrene	27	U
53-70-3	Dibenz[a,h]anthracene	27	U
191-24-2	Benzo[g,h,i]perylene	27	U

SV-37

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 9A

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0607219

Sample wt/vol: 470 (g/ml) ML Lab File ID: E2401.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 8/1/06

Concentrated Extract Volume: 500 (uL) Date Analyzed: 8/2/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	11	U
208-96-8	Acenaphthylene	11	U
83-32-9	Acenaphthene	11	U
86-73-7	Fluorene	11	U
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
206-44-0	Fluoranthene	11	U
129-00-0	Pyrene	11	U
56-55-3	Benzo[a]anthracene	11	U
218-01-9	Chrysene	11	U
205-99-2	Benzo[b]fluoranthene	11	U
207-08-9	Benzo[k]fluoranthene	11	U
50-32-8	Benzo[a]pyrene	11	U
193-39-5	Indeno[1,2,3-cd]pyrene	11	U
53-70-3	Dibenz[a,h]anthracene	11	U
191-24-2	Benzo[g,h,i]perylene	11	U

SV-38

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

05 DP 10A

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0607220

Sample wt/vol: 730 (g/ml) ML Lab File ID: E2402.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 8/1/06

Concentrated Extract Volume: 500 (uL) Date Analyzed: 8/2/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	7	U
208-96-8	Acenaphthylene	7	U
83-32-9	Acenaphthene	7	U
86-73-7	Fluorene	7	U
85-01-8	Phenanthrene	7	U
120-12-7	Anthracene	7	U
206-44-0	Fluoranthene	7	U
129-00-0	Pyrene	7	U
56-55-3	Benzo[a]anthracene	7	U
218-01-9	Chrysene	7	U
205-99-2	Benzo[b]fluoranthene	7	U
207-08-9	Benzo[k]fluoranthene	7	U
50-32-8	Benzo[a]pyrene	7	U
193-39-5	Indeno[1,2,3-cd]pyrene	7	U
53-70-3	Dibenz[a,h]anthracene	7	U
191-24-2	Benzo[g,h,i]perylene	7	U

SV-39

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MS A

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0607221MS

Sample wt/vol: 550 (g/ml) ML Lab File ID: E2403.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 8/1/06

Concentrated Extract Volume: 500 (uL) Date Analyzed: 8/2/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	9	U
208-96-8	Acenaphthylene	9	U
83-32-9	Acenaphthene	52	
86-73-7	Fluorene	9	U
85-01-8	Phenanthrene	9	U
120-12-7	Anthracene	9	U
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	91	
56-55-3	Benzo[a]anthracene	9	U
218-01-9	Chrysene	9	U
205-99-2	Benzo[b]fluoranthene	9	U
207-08-9	Benzo[k]fluoranthene	9	U
50-32-8	Benzo[a]pyrene	9	U
193-39-5	Indeno[1,2,3-cd]pyrene	9	U
53-70-3	Dibenz[a,h]anthracene	9	U
191-24-2	Benzo[g,h,i]perylene	9	U

SV-40

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MSD A

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____

Lab Code: _____ Case No.: 2931 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0607222H5b (MS)

Sample wt/vol: 630 (g/ml) ML Lab File ID: E2404.D

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted:(Y/N) N Date Extracted: 8/1/06

Concentrated Extract Volume: 500 (uL) Date Analyzed: 8/2/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	8	U
208-96-8	Acenaphthylene	8	U
83-32-9	Acenaphthene	55	
86-73-7	Fluorene	8	U
85-01-8	Phenanthrene	8	U
120-12-7	Anthracene	8	U
206-44-0	Fluoranthene	8	U
129-00-0	Pyrene	81	
56-55-3	Benzo[a]anthracene	8	U
218-01-9	Chrysene	8	U
205-99-2	Benzo[b]fluoranthene	8	U
207-08-9	Benzo[k]fluoranthene	8	U
50-32-8	Benzo[a]pyrene	8	U
193-39-5	Indeno[1,2,3-cd]pyrene	8	U
53-70-3	Dibenz[a,h]anthracene	8	U
191-24-2	Benzo[g,h,i]perylene	8	U

SV-41

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELDBLANK

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0607224

Sample wt/vol: 910 (g/ml) ML Lab File ID: E2408.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 8/1/06

Concentrated Extract Volume: 500 (uL) Date Analyzed: 8/2/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	6	U
208-96-8	Acenaphthylene	6	U
83-32-9	Acenaphthene	6	U
86-73-7	Fluorene	6	U
85-01-8	Phenanthrene	6	U
120-12-7	Anthracene	6	U
206-44-0	Fluoranthene	6	U
129-00-0	Pyrene	6	U
56-55-3	Benzo[a]anthracene	6	U
218-01-9	Chrysene	6	U
205-99-2	Benzo[b]fluoranthene	6	U
207-08-9	Benzo[k]fluoranthene	6	U
50-32-8	Benzo[a]pyrene	6	U
193-39-5	Indeno[1,2,3-cd]pyrene	6	U
53-70-3	Dibenz[a,h]anthracene	6	U
191-24-2	Benzo[g,h,i]perylene	6	U

SV-42

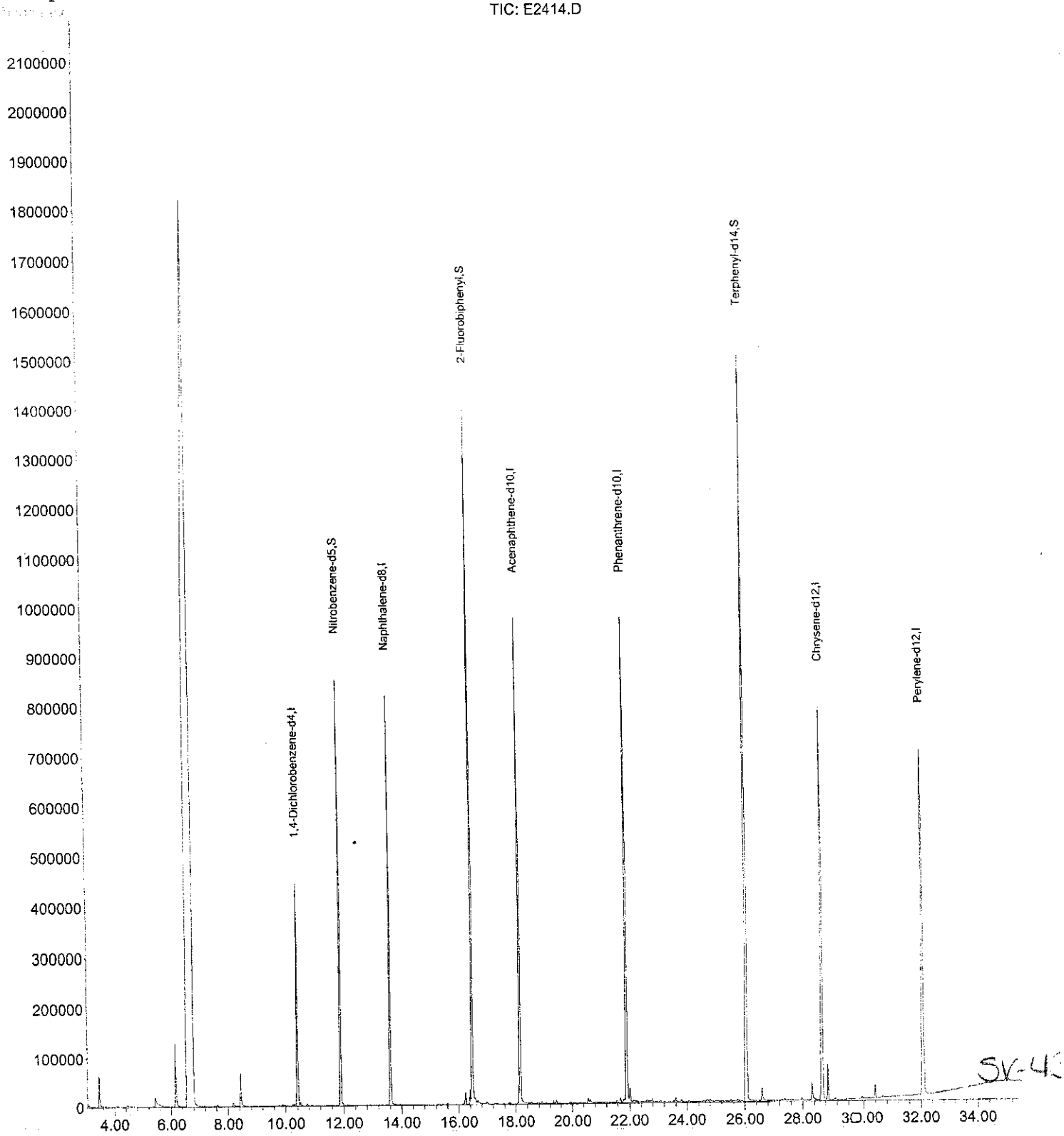
Quantitation Report

Data File : D:\E\DATA\AUG06\E0803\E2414.D
Acq On : 3 Aug 2006 1:02 pm
Sample : 0607209
Misc : SOIL 2931 08/02/06 05 DP 1S
MS Integration Params: rteint.p
Quant Time: Aug 9 11:25 2006

Vial: 2
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration

TIC: E2414.D



SV-4

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0803\E2414.D Vial: 2
Acq On : 3 Aug 2006 1:02 pm Operator:
Sample : 0607209 Inst : GC/MS Ins
Misc : SOIL 2931 08/02/06 05 DP 1S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 11:25 2006 Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Thu Aug 03 11:51:01 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.40	152	156269	40.00	ul/l	-0.01
19) Naphthalene-d8	13.61	136	808746	40.00	ul/l	-0.02
34) Acenaphthene-d10	18.15	164	494304	40.00	ul/l	-0.02
55) Phenanthrene-d10	21.90	188	829920	40.00	ul/l	-0.02
68) Chrysene-d12	28.70	240	680059	40.00	ul/l	-0.03
77) Perylene-d12	32.09	264	660727	40.00	ul/l	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0d	0.00	ul/l	
Spiked Amount 200.000	Range 25 - 121		Recovery =	0.00%#		
6) Phenol-d5	0.00	99	0d	0.00	ul/l	
Spiked Amount 200.000	Range 24 - 113		Recovery =	0.00%#		
20) Nitrobenzene-d5	11.89	82	627295	69.15	ul/l	-0.01
Spiked Amount 100.000	Range 23 - 120		Recovery =	69.15%		
38) 2-Fluorobiphenyl	16.47	172	974760	64.34	ul/l	-0.01
Spiked Amount 100.000	Range 30 - 115		Recovery =	64.34%		
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 19 - 122		Recovery =	0.00%#		
71) Terphenyl-d14	26.07	244	1322380	74.86	ul/l	0.00
Spiked Amount 100.000	Range 18 - 137		Recovery =	74.86%		

Target Compounds Qvalue

SV-44

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

Quantitation Report

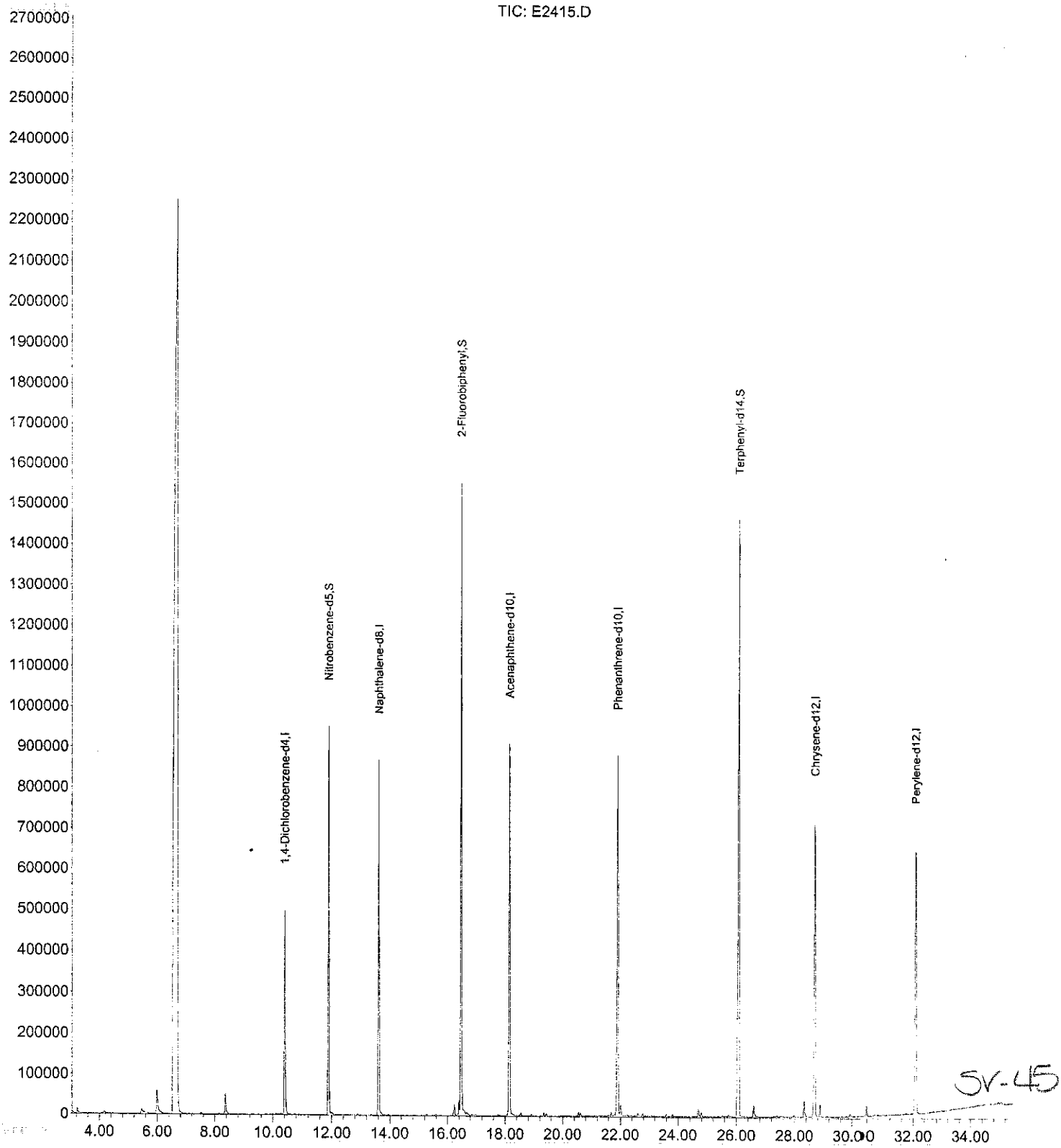
Data File : D:\E\DATA\AUG06\E0803\E2415.D
Acq On : 3 Aug 2006 1:48 pm
Sample : 0607210
Misc : SOIL 2931 08/02/06 05 DP 3S
MS Integration Params: rteint.p
Quant Time: Aug 9 11:26 2006

Vial: 3
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration

TIC: E2415.D



SV-45

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0803\E2415.D
Acq On : 3 Aug 2006 1:48 pm
Sample : 0607210
Misc : SOIL 2931 08/02/06 05 DP 3S
MS Integration Params: rteint.p
Quant Time: Aug 9 11:26 2006

Vial: 3
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Thu Aug 03 11:51:01 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.40	152	172852	40.00	ul/l	0.00
19) Naphthalene-d8	13.61	136	854578	40.00	ul/l	-0.02
34) Acenaphthene-d10	18.14	164	489034	40.00	ul/l	-0.03
55) Phenanthrene-d10	21.90	188	769425	40.00	ul/l	-0.03
68) Chrysene-d12	28.69	240	619227	40.00	ul/l	-0.04
77) Perylene-d12	32.09	264	609325	40.00	ul/l	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ul/l	
Spiked Amount 200.000	Range 25 - 121		Recovery =	0.00%#		
6) Phenol-d5	0.00	99	0	0.00	ul/l	
Spiked Amount 200.000	Range 24 - 113		Recovery =	0.00%#		
20) Nitrobenzene-d5	11.90	82	711267	74.20	ul/l	0.00
Spiked Amount 100.000	Range 23 - 120		Recovery =	74.20%		
38) 2-Fluorobiphenyl	16.48	172	1116723	74.50	ul/l	0.00
Spiked Amount 100.000	Range 30 - 115		Recovery =	74.50%		
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 19 - 122		Recovery =	0.00%#		
71) Terphenyl-d14	26.07	244	1321088	82.13	ul/l	0.00
Spiked Amount 100.000	Range 18 - 137		Recovery =	82.13%		

Target Compounds Qvalue

SV-46

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

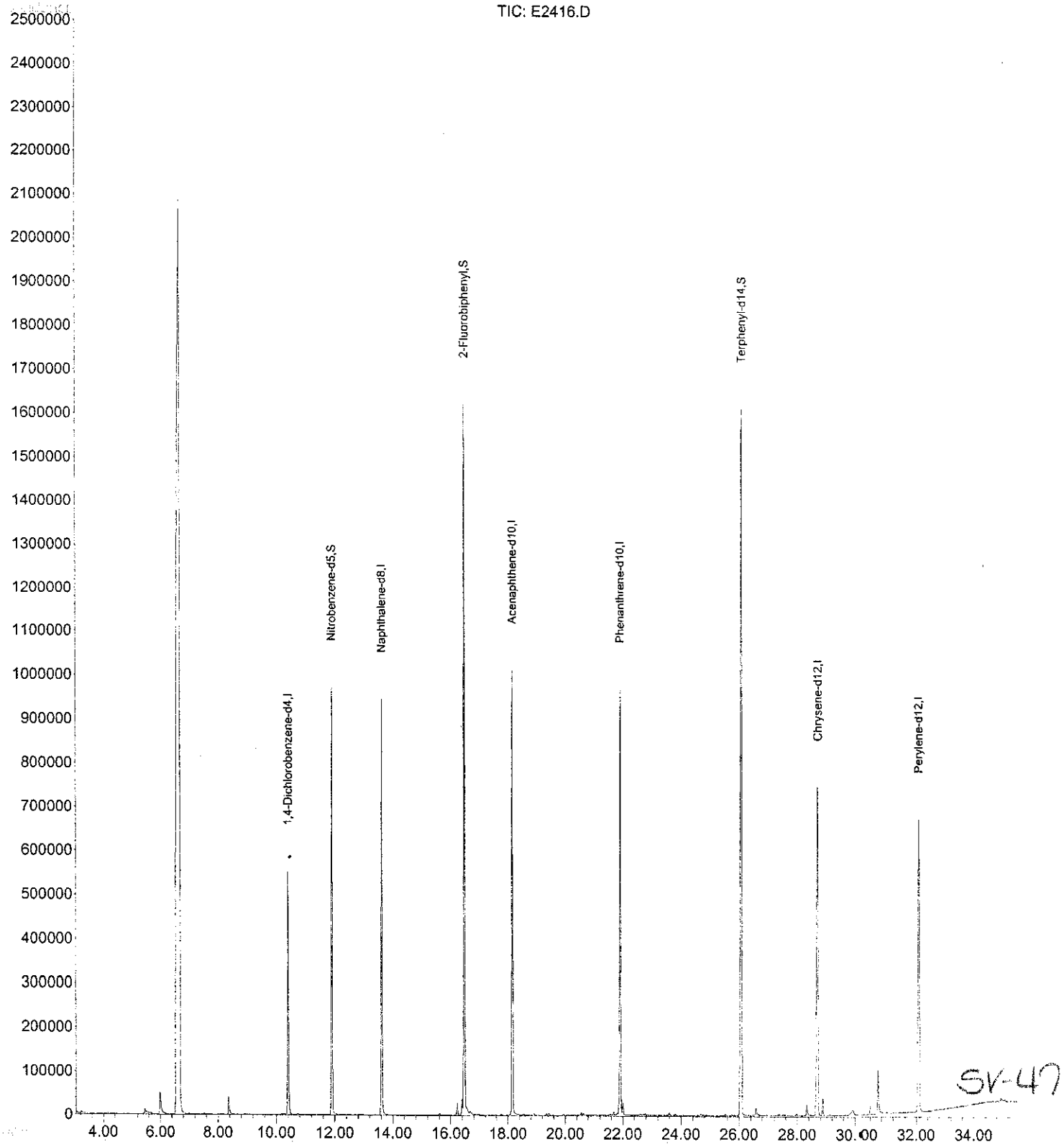
Quantitation Report

Data File : D:\E\DATA\AUG06\E0803\E2416.D
Acq On : 3 Aug 2006 2:34 pm
Sample : 0607211
Misc : SOIL 2931 08/02/06 05 DP 7S
MS Integration Params: rteint.p
Quant Time: Aug 9 11:27 2006

Vial: 4
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration



SV-47

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0803\E2416.D Vial: 4
Acq On : 3 Aug 2006 2:34 pm Operator:
Sample : 0607211 Inst : GC/MS Ins
Misc : SOIL 2931 08/02/06 05 DP 7S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 11:27 2006 Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Thu Aug 03 11:51:01 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.40	152	185248	40.00	ul/l	-0.01
19) Naphthalene-d8	13.61	136	914757	40.00	ul/l	-0.02
34) Acenaphthene-d10	18.15	164	520298	40.00	ul/l	-0.02
55) Phenanthrene-d10	21.90	188	827248	40.00	ul/l	-0.02
68) Chrysene-d12	28.70	240	659890	40.00	ul/l	-0.03
77) Perylene-d12	32.10	264	633663	40.00	ul/l	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ul/l	
Spiked Amount 200.000	Range 25 - 121		Recovery =	0.00%#		
6) Phenol-d5	0.00	99	0	0.00	ul/l	
Spiked Amount 200.000	Range 24 - 113		Recovery =	0.00%#		
20) Nitrobenzene-d5	11.89	82	761010	74.16	ul/l	-0.01
Spiked Amount 100.000	Range 23 - 120		Recovery =	74.16%		
38) 2-Fluorobiphenyl	16.47	172	1195098	74.94	ul/l	-0.01
Spiked Amount 100.000	Range 30 - 115		Recovery =	74.94%		
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 19 - 122		Recovery =	0.00%#		
71) Terphenyl-d14	26.07	244	1460397	85.20	ul/l	0.01
Spiked Amount 100.000	Range 18 - 137		Recovery =	85.20%		

Target Compounds Qvalue

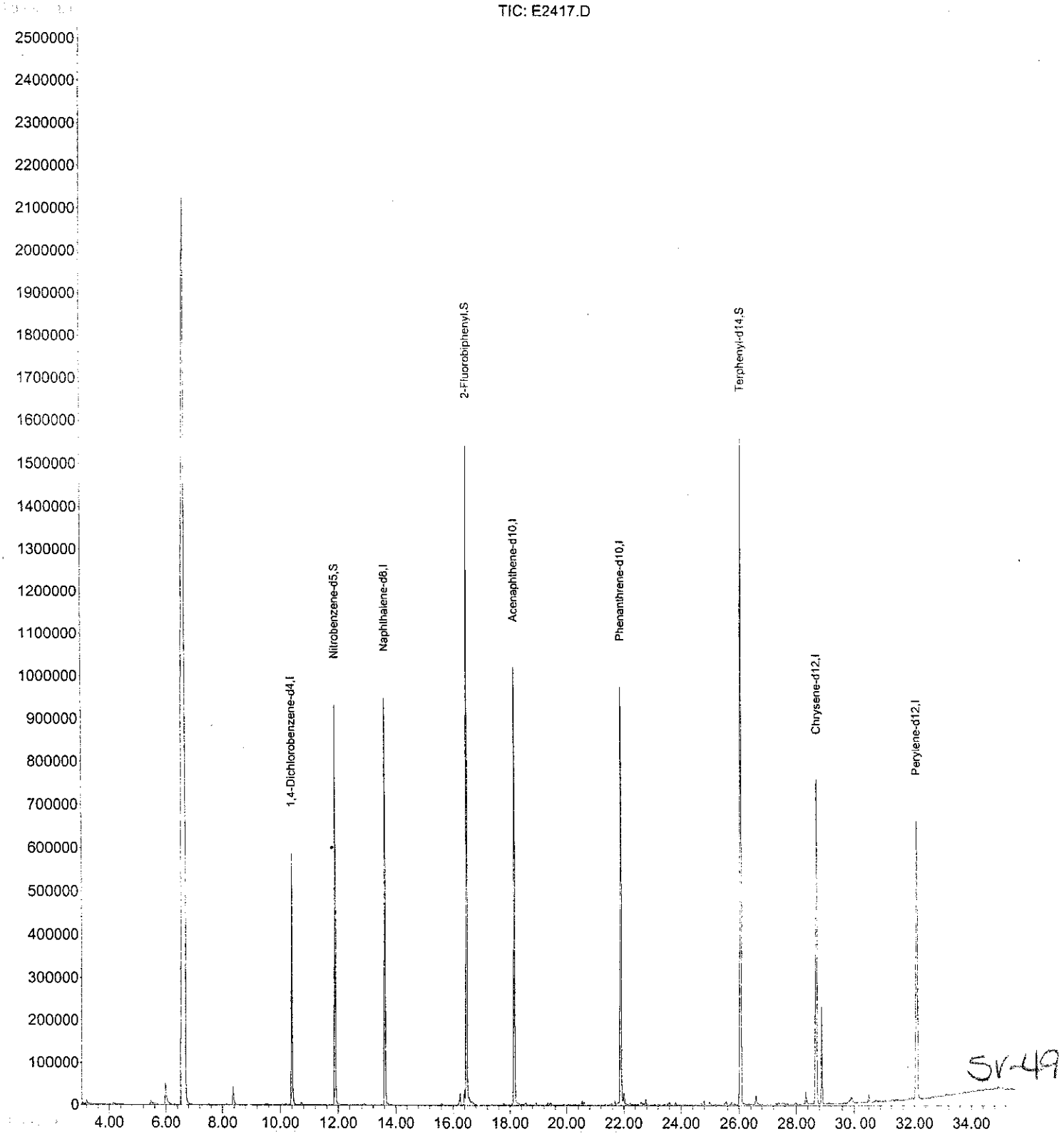
SV-48

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

Quantitation Report

Data File : D:\E\DATA\AUG06\E0803\E2417.D Vial: 5
Acq On : 3 Aug 2006 3:20 pm Operator:
Sample : 0607212 Inst : GC/MS Ins
Misc : SOIL 2931 08/02/06 05 DP 9S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 11:27 2006 Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration



SV-49

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0803\E2417.D Vial: 5
Acq On : 3 Aug 2006 3:20 pm Operator:
Sample : 0607212 Inst : GC/MS Ins
Misc : SOIL 2931 08/02/06 05 DP 9S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 11:27 2006 Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Thu Aug 03 11:51:01 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.40	152	199384	40.00	ul/l	-0.01
19) Naphthalene-d8	13.62	136	976799	40.00	ul/l	-0.01
34) Acenaphthene-d10	18.15	164	545554	40.00	ul/l	-0.02
55) Phenanthrene-d10	21.90	188	839045	40.00	ul/l	-0.02
68) Chrysene-d12	28.70	240	651500	40.00	ul/l	-0.03
77) Perylene-d12	32.09	264	617528	40.00	ul/l	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ul/l	
Spiked Amount 200.000	Range 25 - 121		Recovery =	0.00%#		
6) Phenol-d5	0.00	99	0	0.00	ul/l	
Spiked Amount 200.000	Range 24 - 113		Recovery =	0.00%#		
20) Nitrobenzene-d5	11.90	82	749811	68.43	ul/l	0.00
Spiked Amount 100.000	Range 23 - 120		Recovery =	68.43%		
38) 2-Fluorobiphenyl	16.48	172	1189405	71.13	ul/l	0.00
Spiked Amount 100.000	Range 30 - 115		Recovery =	71.13%		
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 19 - 122		Recovery =	0.00%#		
71) Terphenyl-d14	26.07	244	1377135	81.38	ul/l	0.00
Spiked Amount 100.000	Range 18 - 137		Recovery =	81.38%		

Target Compounds Qvalue

SV-50

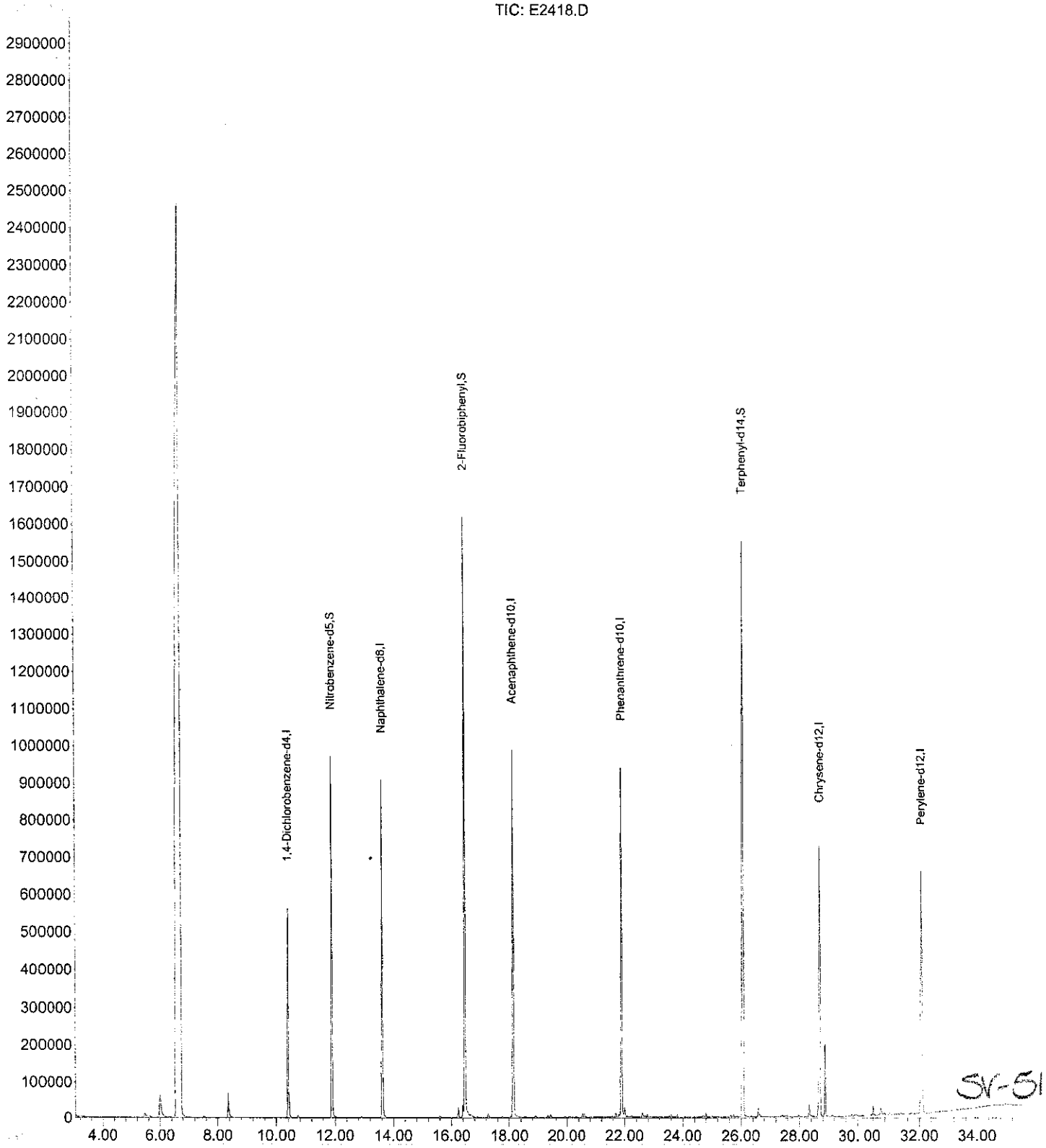
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\E\DATA\AUG06\E0803\E2418.D Vial: 6
Acq On : 3 Aug 2006 4:06 pm Operator:
Sample : 0607213 Inst : GC/MS Ins
Misc : SOIL 2931 08/02/06 05 DP 10S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 11:28 2006 Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration

TIC: E2418.D



SV-51

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0803\E2418.D
Acq On : 3 Aug 2006 4:06 pm
Sample : 0607213
Misc : SOIL 2931 08/02/06 05 DP 10S
MS Integration Params: rteint.p
Quant Time: Aug 9 11:28 2006

Vial: 6
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Thu Aug 03 11:51:01 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.40	152	187018	40.00	ul/l	-0.01
19) Naphthalene-d8	13.61	136	905956	40.00	ul/l	-0.02
34) Acenaphthene-d10	18.15	164	522464	40.00	ul/l	-0.02
55) Phenanthrene-d10	21.90	188	797605	40.00	ul/l	-0.02
68) Chrysene-d12	28.70	240	634623	40.00	ul/l	-0.03
77) Perylene-d12	32.10	264	611016	40.00	ul/l	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ul/l	
Spiked Amount 200.000	Range 25 - 121		Recovery =	0.00%#		
6) Phenol-d5	0.00	99	0	0.00	ul/l	
Spiked Amount 200.000	Range 24 - 113		Recovery =	0.00%#		
20) Nitrobenzene-d5	11.89	82	746177	73.42	ul/l	-0.01
Spiked Amount 100.000	Range 23 - 120		Recovery =	73.42%		
38) 2-Fluorobiphenyl	16.47	172	1184156	73.95	ul/l	-0.01
Spiked Amount 100.000	Range 30 - 115		Recovery =	73.95%		
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 19 - 122		Recovery =	0.00%#		
71) Terphenyl-d14	26.07	244	1395366	84.65	ul/l	0.01
Spiked Amount 100.000	Range 18 - 137		Recovery =	84.65%		

Target Compounds Qvalue

SV-58

(#) = qualifier out of range (m) = manual integration
E2418.D SVE80720.M Wed Aug 09 12:56:00 2006

Quantitation Report

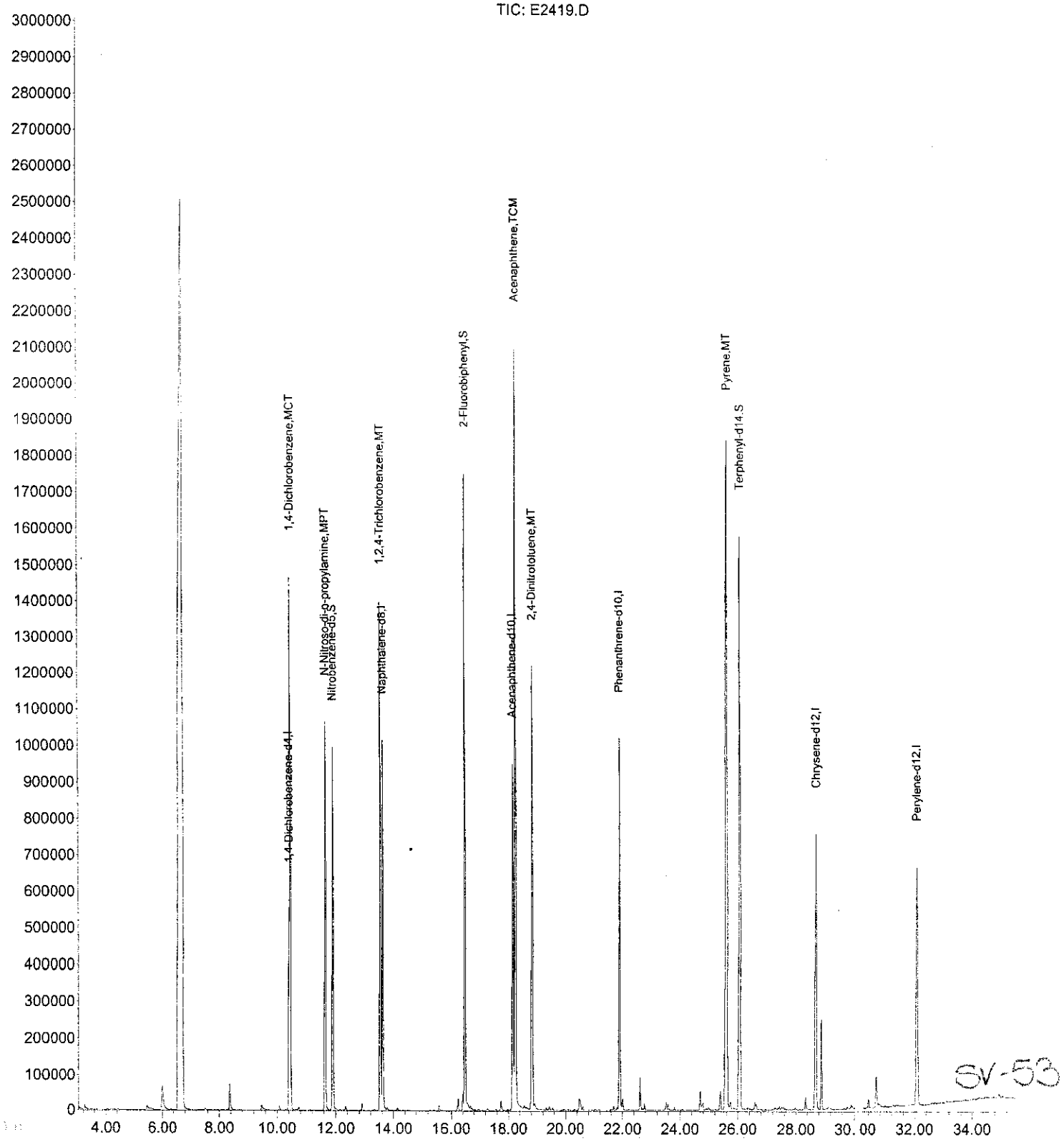
Data File : D:\E\DATA\AUG06\E0803\E2419.D
Acq On : 3 Aug 2006 4:52 pm
Sample : 0607214
Misc : SOIL 2931 08/02/06 MS S
MS Integration Params: rteint.p
Quant Time: Aug 9 11:29 2006

Vial: 7
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

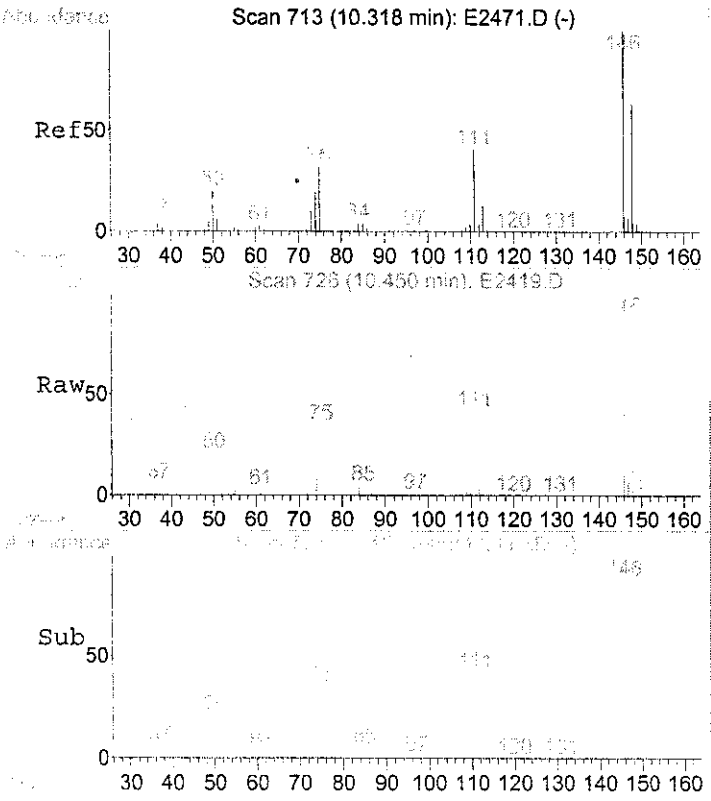
Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration

TIC: E2419.D



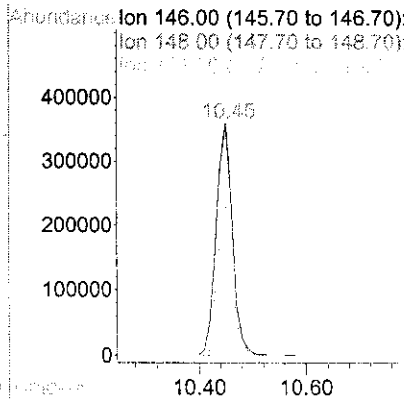
SV-53

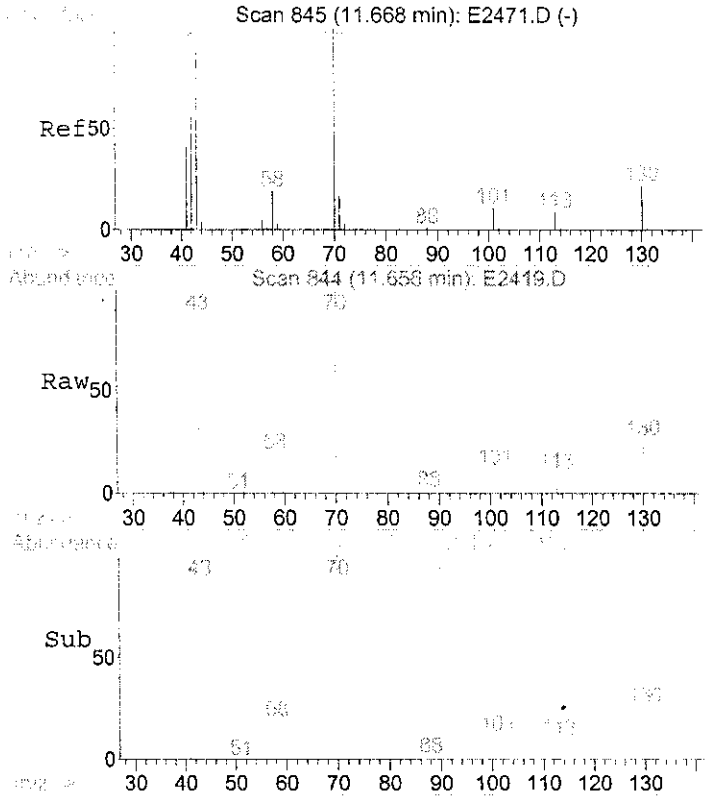


#11
1,4-Dichlorobenzene
Concen: 96.45 ul/l
RT: 10.45 min Scan# 726
Delta R.T. -0.00 min
Lab File: E2419.D
Acq: 3 Aug 2006 4:52 pm

Tgt Ion:146 Resp: 743120

Ion	Ratio	Lower	Upper
146	100		
148	63.6	43.7	83.7
113	14.2	0.0	32.2

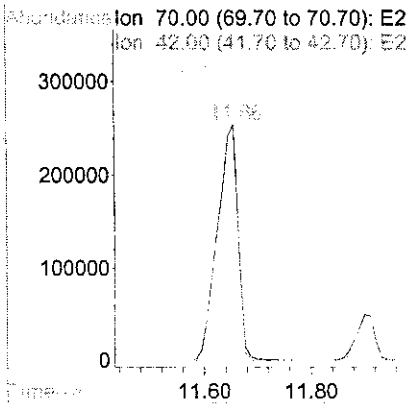




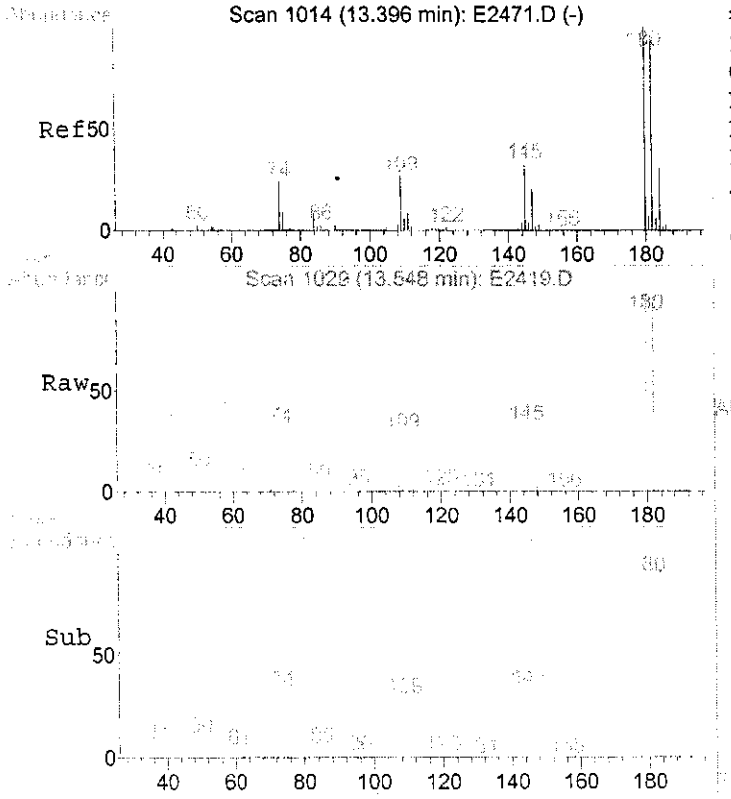
#17
N-Nitroso-di-n-propylamine
Concen: 102.13 ul/l
RT: 11.66 min Scan# 844
Delta R.T. -0.01 min
Lab File: E2419.D
Acq: 3 Aug 2006 4:52 pm

Tgt Ion: 70 Resp: 687997

Ion	Ratio	Lower	Upper
70	100		
42	55.6	18.7	58.7
130	24.9	16.2	56.2



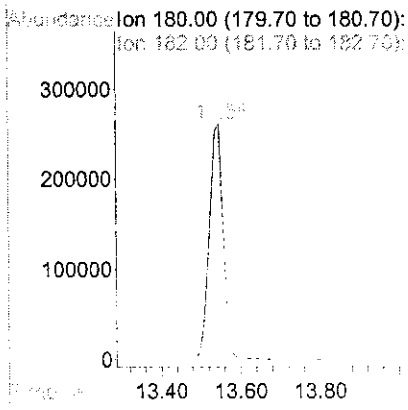
SV-54

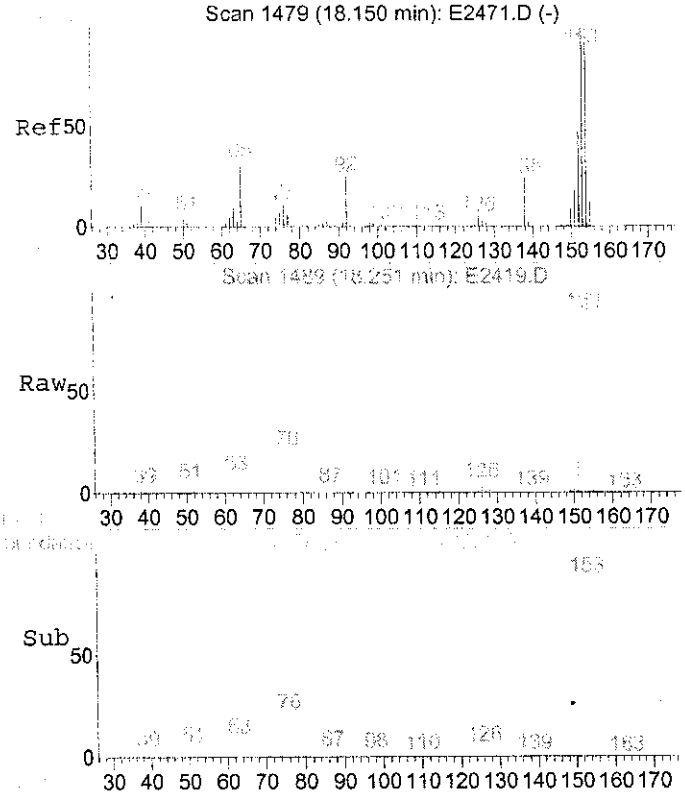


#28
1,2,4-Trichlorobenzene
Concen: 90.99 ul/l
RT: 13.55 min Scan# 1029
Delta R.T. -0.00 min
Lab File: E2419.D
Acq: 3 Aug 2006 4:52 pm

Tgt Ion:180 Resp: 637618

Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.4	115.4
145	33.5	9.0	49.0

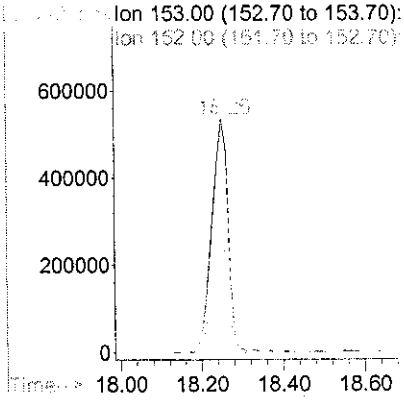




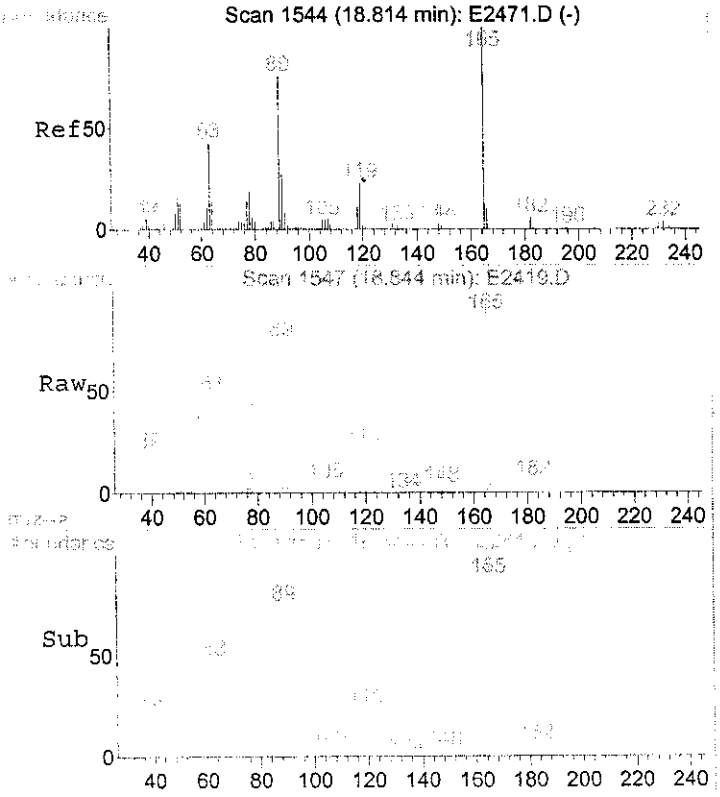
#44
Acenaphthene
Concen: 91.04 ul/l
RT: 18.25 min Scan# 1489
Delta R.T. -0.01 min
Lab File: E2419.D
Acq: 3 Aug 2006 4:52 pm

Tgt Ion:153 Resp: 1479575

Ion	Ratio	Lower	Upper
153	100		
152	47.1	26.5	66.5
154	95.8	78.0	118.0



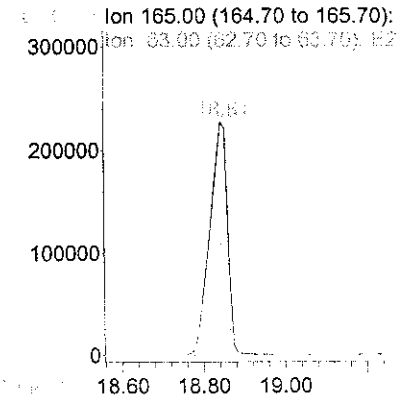
SV-55

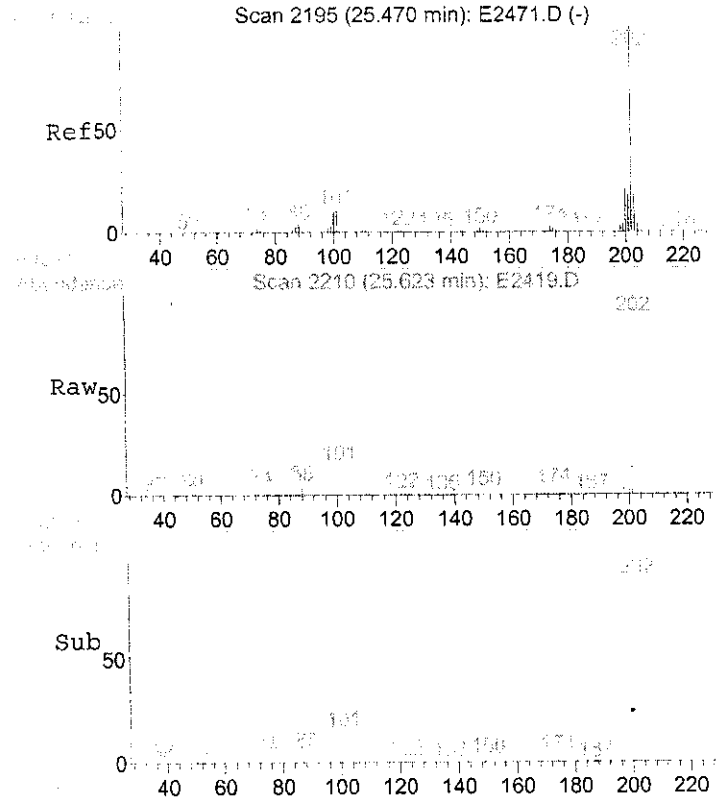


#49
2,4-Dinitrotoluene
Concen: 92.40 ul/l
RT: 18.84 min Scan# 1547
Delta R.T. -0.02 min
Lab File: E2419.D
Acq: 3 Aug 2006 4:52 pm

Tgt Ion:165 Resp: 687883

Ion	Ratio	Lower	Upper
165	100		
63	47.9	10.9	50.9
182	5.9	0.0	26.1

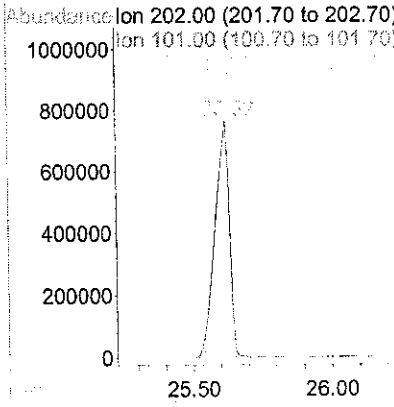




#70
Pyrene
Concen: 101.61 ul/l
RT: 25.62 min Scan# 2210
Delta R.T. 0.02 min
Lab File: E2419.D
Acq: 3 Aug 2006 4:52 pm

Tgt Ion:202 Resp: 2796128

Ion	Ratio	Lower	Upper
202	100		
101	18.5	0.8	40.8
100	15.6	0.0	36.9



SV-56

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0803\E2419.D
Acq On : 3 Aug 2006 4:52 pm
Sample : 0607214
Misc : SOIL 2931 08/02/06 MS S
MS Integration Params: rteint.p
Quant Time: Aug 9 11:29 2006

Vial: 7
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Thu Aug 03 11:51:01 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.40	152	200680	40.00	ul/l	-0.01
19) Naphthalene-d8	13.63	136	1001465	40.00	ul/l	0.00
34) Acenaphthene-d10	18.15	164	573356	40.00	ul/l	-0.02
55) Phenanthrene-d10	21.90	188	869855	40.00	ul/l	-0.02
68) Chrysene-d12	28.70	240	670569	40.00	ul/l	-0.03
77) Perylene-d12	32.09	264	620518	40.00	ul/l	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ul/l	
Spiked Amount 200.000	Range 25 - 121		Recovery =	0.00%#		
6) Phenol-d5	0.00	99	0	0.00	ul/l	
Spiked Amount 200.000	Range 24 - 113		Recovery =	0.00%#		
20) Nitrobenzene-d5	11.90	82	867695	77.24	ul/l	0.00
Spiked Amount 100.000	Range 23 - 120		Recovery =	77.24%		
38) 2-Fluorobiphenyl	16.48	172	1367079	77.79	ul/l	0.00
Spiked Amount 100.000	Range 30 - 115		Recovery =	77.79%		
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 19 - 122		Recovery =	0.00%#		
71) Terphenyl-d14	26.07	244	1426619	81.90	ul/l	0.00
Spiked Amount 100.000	Range 18 - 137		Recovery =	81.90%		
Target Compounds						Qvalue
11) 1,4-Dichlorobenzene	10.45	146	743120	96.45	ul/l	99
17) N-Nitroso-di-n-propylamine	11.66	70	687997	102.13	ul/l	76
28) 1,2,4-Trichlorobenzene	13.55	180	637618	90.99	ul/l	98
44) Acenaphthene	18.25	153	1479575	91.04	ul/l	98
49) 2,4-Dinitrotoluene	18.84	165	687883	92.40	ul/l	74
70) Pyrene	25.62	202	2796128	101.61	ul/l	96

SV-57

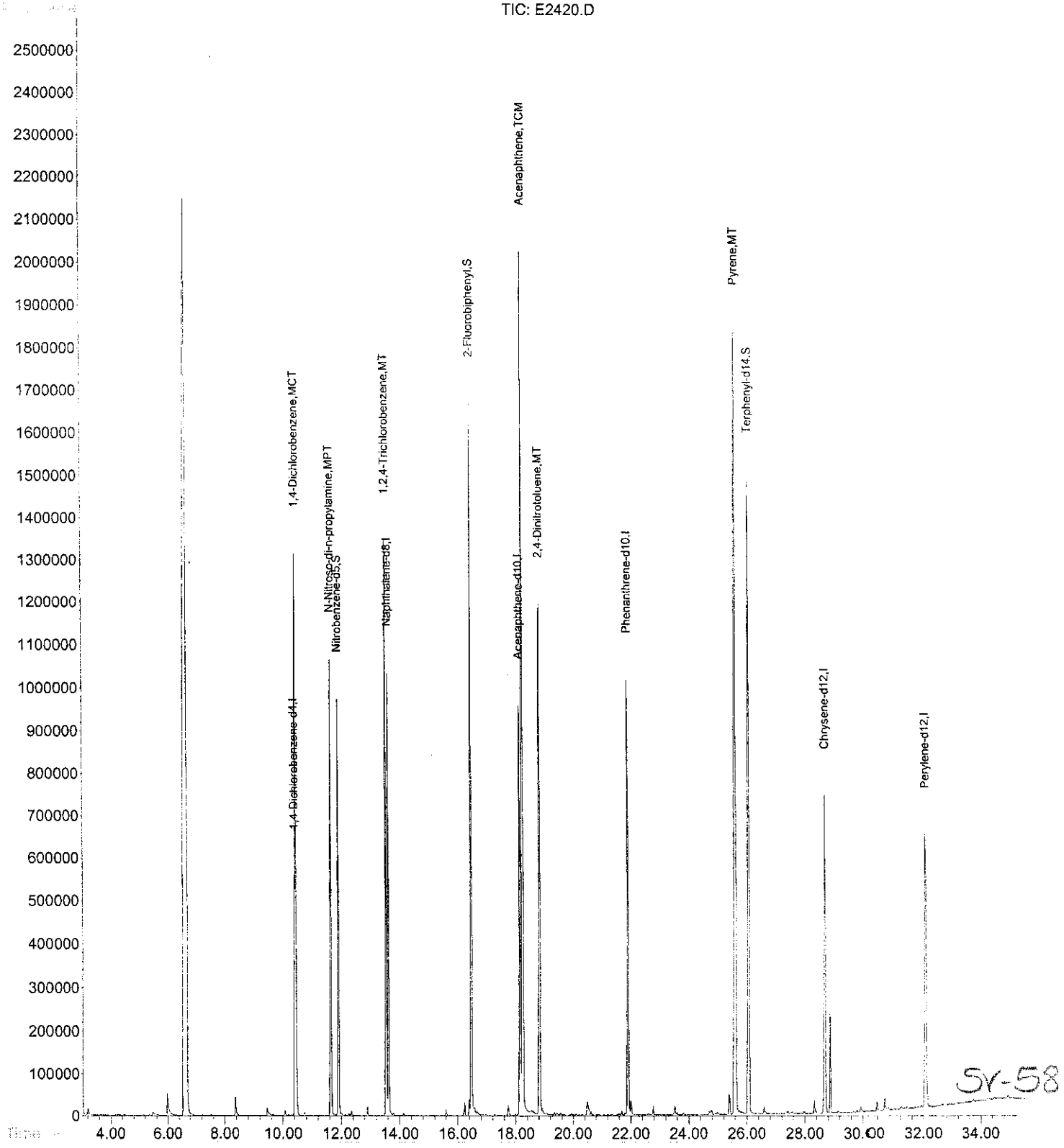
(#) = qualifier out of range (m) = manual integration

Quantitation Report

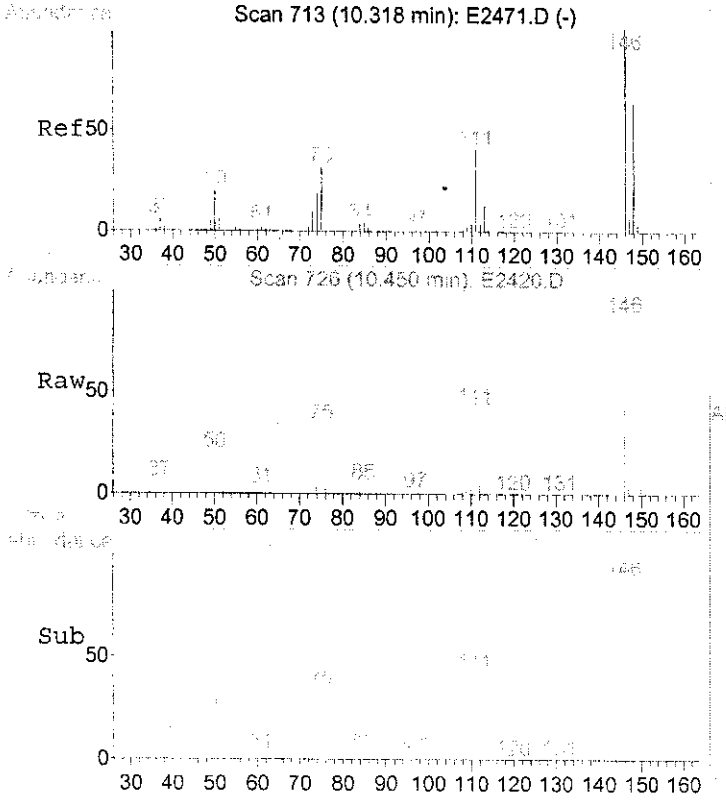
Data File : D:\E\DATA\AUG06\E0803\E2420.D Vial: 8
Acq On : 3 Aug 2006 5:38 pm Operator:
Sample : 0607215 Inst : GC/MS Ins
Misc : SOIL 2931 08/02/06 MSD S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 11:32 2006 Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration

TIC: E2420.D



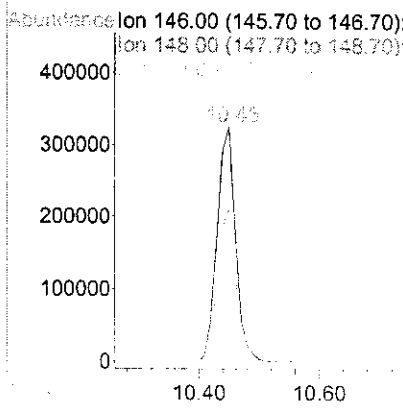
SV-58

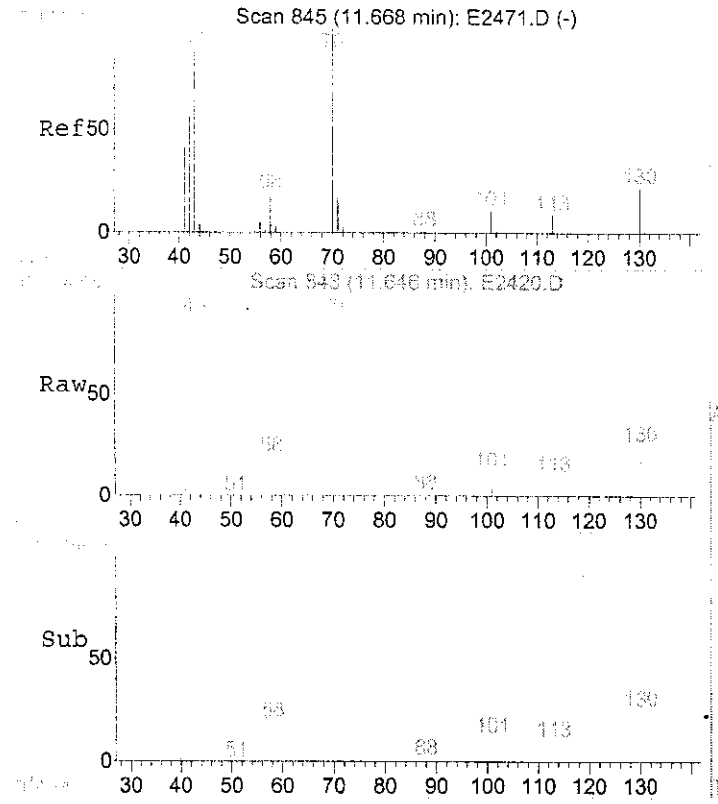


#11
1,4-Dichlorobenzene
Concen: 87.45 ul/l
RT: 10.45 min Scan# 726
Delta R.T. -0.00 min
Lab File: E2420.D
Acq: 3 Aug 2006 5:38 pm

Tgt Ion:146 Resp: 691135

Ion	Ratio	Lower	Upper
146	100		
148	64.1	43.7	83.7
113	14.4	0.0	32.2

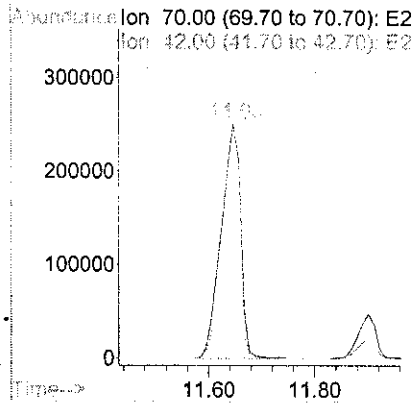




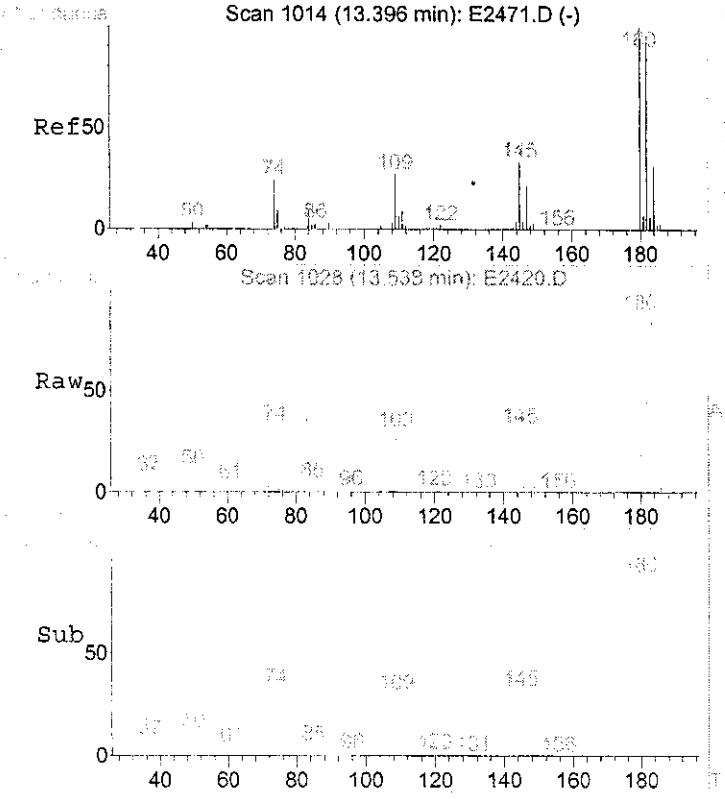
#17
N-Nitroso-di-n-propylamine
Concen: 92.13 ul/l
RT: 11.65 min Scan# 843
Delta R.T. -0.02 min
Lab File: E2420.D
Acq: 3 Aug 2006 5:38 pm

Tgt Ion: 70 Resp: 636651

Ion	Ratio	Lower	Upper
70	100		
42	56.0	18.7	58.7
130	25.4	16.2	56.2



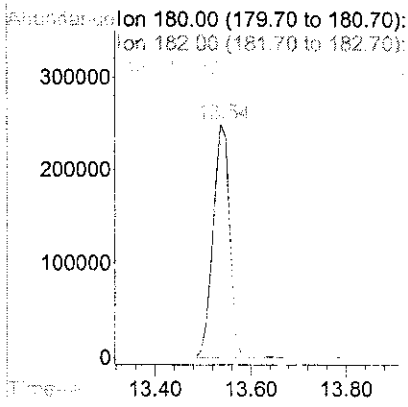
SV-59

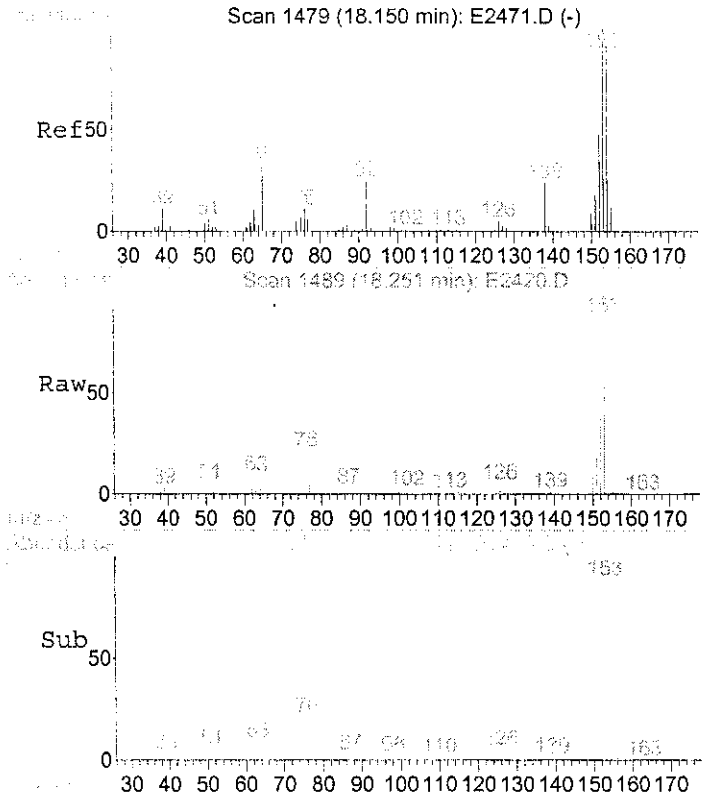


#28
1,2,4-Trichlorobenzene
Concen: 84.73 ul/l
RT: 13.54 min Scan# 1028
Delta R.T. -0.01 min
Lab File: E2420.D
Acq: 3 Aug 2006 5:38 pm

Tgt Ion:180 Resp: 599782

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.4	115.4
145	33.1	9.0	49.0

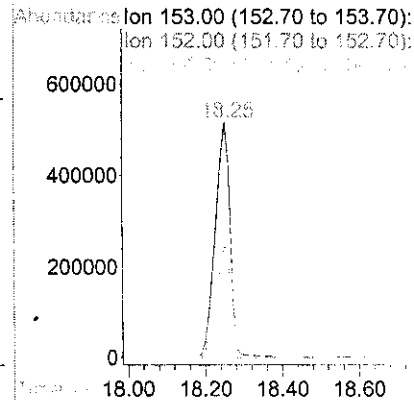




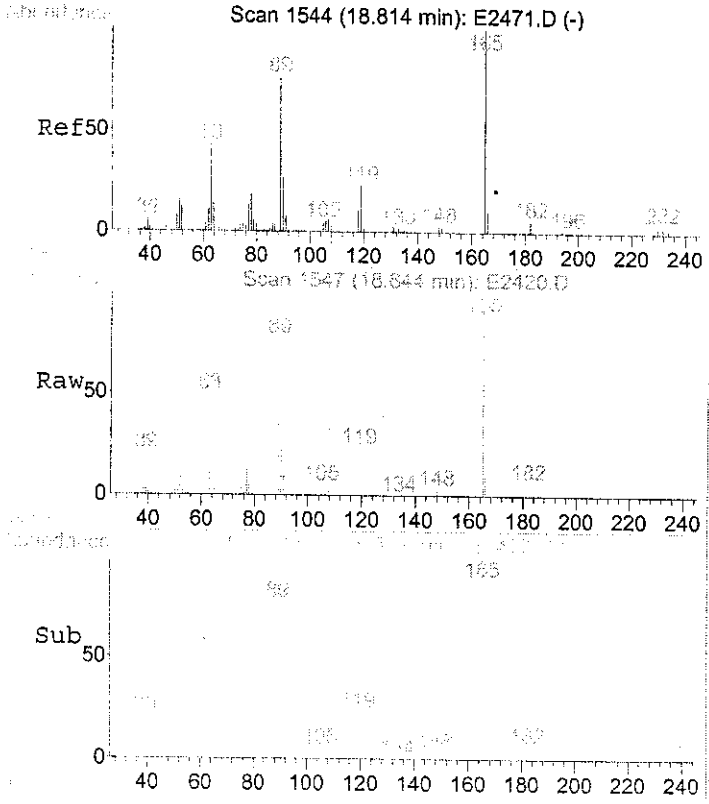
#44
Acenaphthene
Concen: 85.24 ul/l
RT: 18.25 min Scan# 1489
Delta R.T. -0.01 min
Lab File: E2420.D
Acq: 3 Aug 2006 5:38 pm

Tgt Ion:153 Resp: 1397199

Ion	Ratio	Lower	Upper
153	100		
152	46.9	26.5	66.5
154	95.0	78.0	118.0



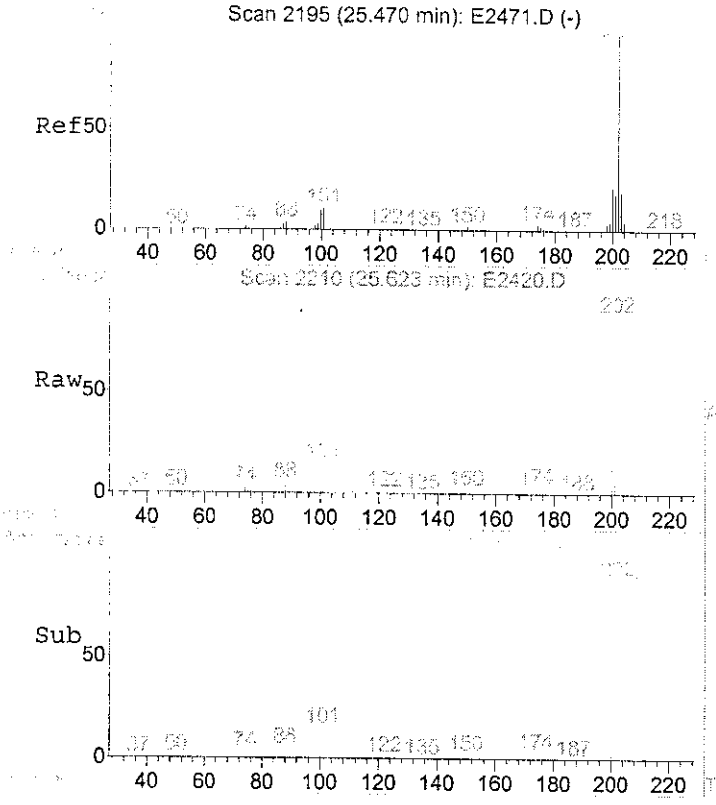
SV-60



#49
2,4-Dinitrotoluene
Concen: 88.11 ul/l
RT: 18.84 min Scan# 1547
Delta R.T. -0.02 min
Lab File: E2420.D
Acq: 3 Aug 2006 5:38 pm

Tgt Ion:165 Resp: 661537

Ion	Ratio	Lower	Upper
165	100		
63	47.9	10.9	50.9
182	5.9	0.0	26.1



#70
Pyrene
Concen: 101.11 ul/l
RT: 25.62 min Scan# 2210
Delta R.T. 0.02 min
Lab File: E2420.D
Acq: 3 Aug 2006 5:38 pm

Tgt Ion:202 Resp: 2735488

Ion	Ratio	Lower	Upper
202	100		
101	18.6	0.8	40.8
100	15.6	0.0	36.9

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Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0803\E2420.D Vial: 8
Acq On : 3 Aug 2006 5:38 pm Operator:
Sample : 0607215 Inst : GC/MS Ins
Misc : SOIL 2931 08/02/06 MSD S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 11:32 2006 Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Thu Aug 03 11:51:01 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.40	152	205859	40.00	ul/l	-0.01
19) Naphthalene-d8	13.62	136	1011664	40.00	ul/l	-0.01
34) Acenaphthene-d10	18.15	164	578289	40.00	ul/l	-0.02
55) Phenanthrene-d10	21.90	188	875951	40.00	ul/l	-0.02
68) Chrysene-d12	28.70	240	659302	40.00	ul/l	-0.03
77) Perylene-d12	32.09	264	598491	40.00	ul/l	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ul/l	
Spiked Amount 200.000	Range 25 - 121		Recovery =	0.00%#		
6) Phenol-d5	0.00	99	0	0.00	ul/l	
Spiked Amount 200.000	Range 24 - 113		Recovery =	0.00%#		
20) Nitrobenzene-d5	11.90	82	784010	69.09	ul/l	0.00
Spiked Amount 100.000	Range 23 - 120		Recovery =	69.09%		
38) 2-Fluorobiphenyl	16.47	172	1234856	69.67	ul/l	-0.01
Spiked Amount 100.000	Range 30 - 115		Recovery =	69.67%		
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 19 - 122		Recovery =	0.00%#		
71) Terphenyl-d14	26.07	244	1342223	78.37	ul/l	0.00
Spiked Amount 100.000	Range 18 - 137		Recovery =	78.37%		
Target Compounds						Qvalue
11) 1,4-Dichlorobenzene	10.45	146	691135	87.45	ul/l	99
17) N-Nitroso-di-n-propylamine	11.65	70	636651	92.13	ul/l	76
28) 1,2,4-Trichlorobenzene	13.54	180	599782	84.73	ul/l	98
44) Acenaphthene	18.25	153	1397199	85.24	ul/l	98
49) 2,4-Dinitrotoluene	18.84	165	661537	88.11	ul/l	74
70) Pyrene	25.62	202	2735488	101.11	ul/l	96

SV-68

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

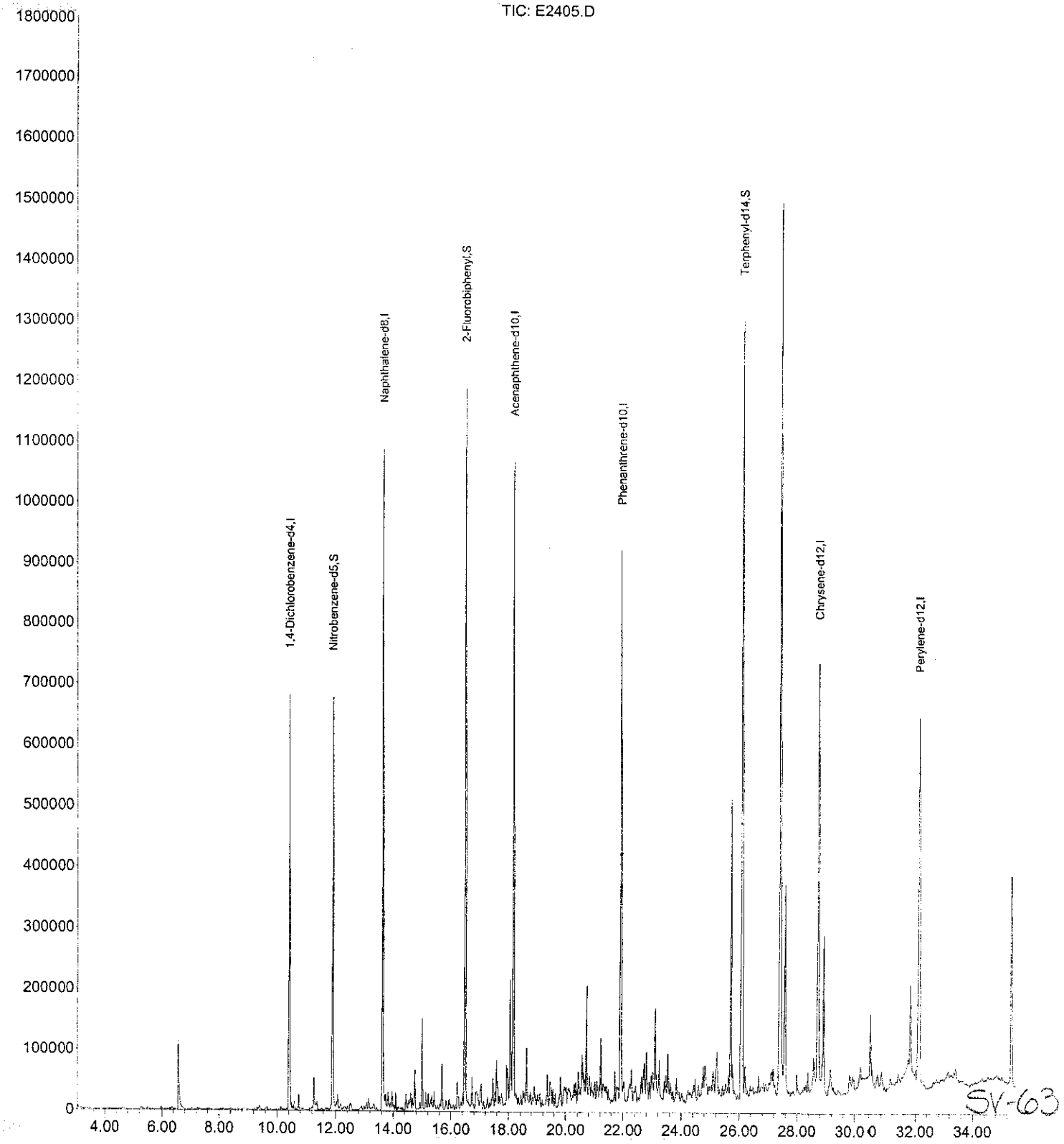
Quantitation Report

Data File : D:\E\DATA\AUG06\E0802\E2405.D
Acq On : 2 Aug 2006 6:19 pm
Sample : 0607216
Misc : WATER 2931 08/01/06 05 DP 1A
MS Integration Params: rteint.p
Quant Time: Aug 9 11:33 2006

Vial: 11
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration



SV-63

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0802\E2405.D
Acq On : 2 Aug 2006 6:19 pm
Sample : 0607216
Misc : WATER 2931 08/01/06 05 DP 1A
MS Integration Params: rteint.p
Quant Time: Aug 9 11:33 2006

Vial: 11
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Jul 28 12:54:09 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.42	152	233529	40.00	ul/l	0.10
19) Naphthalene-d8	13.64	136	1084412	40.00	ul/l	0.10
34) Acenaphthene-d10	18.18	164	555770	40.00	ul/l	0.09
55) Phenanthrene-d10	21.94	188	820091	40.00	ul/l	0.10
68) Chrysene-d12	28.75	240	636570	40.00	ul/l	0.09
77) Perylene-d12	32.15	264	585650	40.00	ul/l	0.08
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ul/l	
Spiked Amount 200.000	Range 21 - 100		Recovery =	0.00%#		
6) Phenol-d5	0.00	99	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 94		Recovery =	0.00%#		
20) Nitrobenzene-d5	11.91	82	506233	41.62	ul/l	0.09
Spiked Amount 100.000	Range 35 - 114		Recovery =	41.62%		
38) 2-Fluorobiphenyl	16.49	172	827932	48.60	ul/l	0.09
Spiked Amount 100.000	Range 43 - 116		Recovery =	48.60%		
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 123		Recovery =	0.00%#		
71) Terphenyl-d14	26.11	244	1153727	69.77	ul/l	0.12
Spiked Amount 100.000	Range 33 - 141		Recovery =	69.77%		

Target Compounds Qvalue

SV-64

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

Quantitation Report

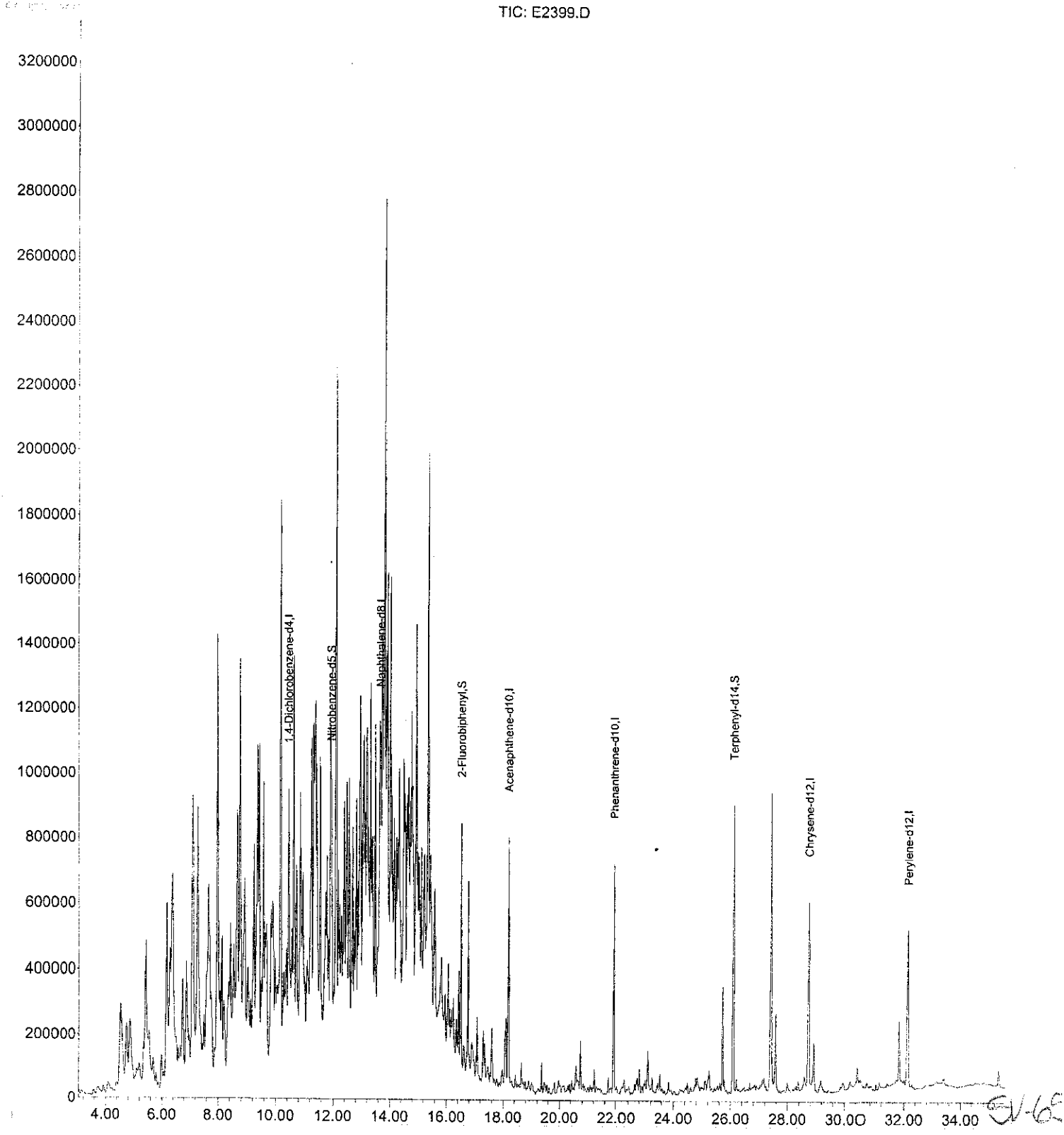
Data File : D:\E\DATA\AUG06\E0802\E2399.D
Acq On : 2 Aug 2006 1:42 pm
Sample : 0607217
Misc : WATER 2931 08/01/06 05 DP 3A
MS Integration Params: rteint.p
Quant Time: Aug 9 11:34 2006

Vial: 5
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration

TIC: E2399.D



Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0802\E2399.D Vial: 5
Acq On : 2 Aug 2006 1:42 pm Operator:
Sample : 0607217 Inst : GC/MS Ins
Misc : WATER 2931 08/01/06 05 DP 3A Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 11:34 2006 Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Jul 28 12:54:09 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.44	152	152915	40.00	ul/l	0.12
19) Naphthalene-d8	13.66	136	653285	40.00	ul/l	0.12
34) Acenaphthene-d10	18.18	164	386967	40.00	ul/l	0.09
55) Phenanthrene-d10	21.93	188	597571	40.00	ul/l	0.09
68) Chrysene-d12	28.74	240	487602	40.00	ul/l	0.08
77) Perylene-d12	32.15	264	458323	40.00	ul/l	0.08
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0d	0.00	ul/l	
Spiked Amount 200.000	Range 21 - 100		Recovery =	0.00%#		
6) Phenol-d5	0.00	99	0d	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 94		Recovery =	0.00%#		
20) Nitrobenzene-d5	11.92	82	288224	39.33	ul/l	0.10
Spiked Amount 100.000	Range 35 - 114		Recovery =	39.33%		
38) 2-Fluorobiphenyl	16.50	172	470779	39.69	ul/l	0.10
Spiked Amount 100.000	Range 43 - 116		Recovery =	39.69%#		
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 123		Recovery =	0.00%#		
71) Terphenyl-d14	26.09	244	695539	54.92	ul/l	0.10
Spiked Amount 100.000	Range 33 - 141		Recovery =	54.92%		

Target Compounds Qvalue

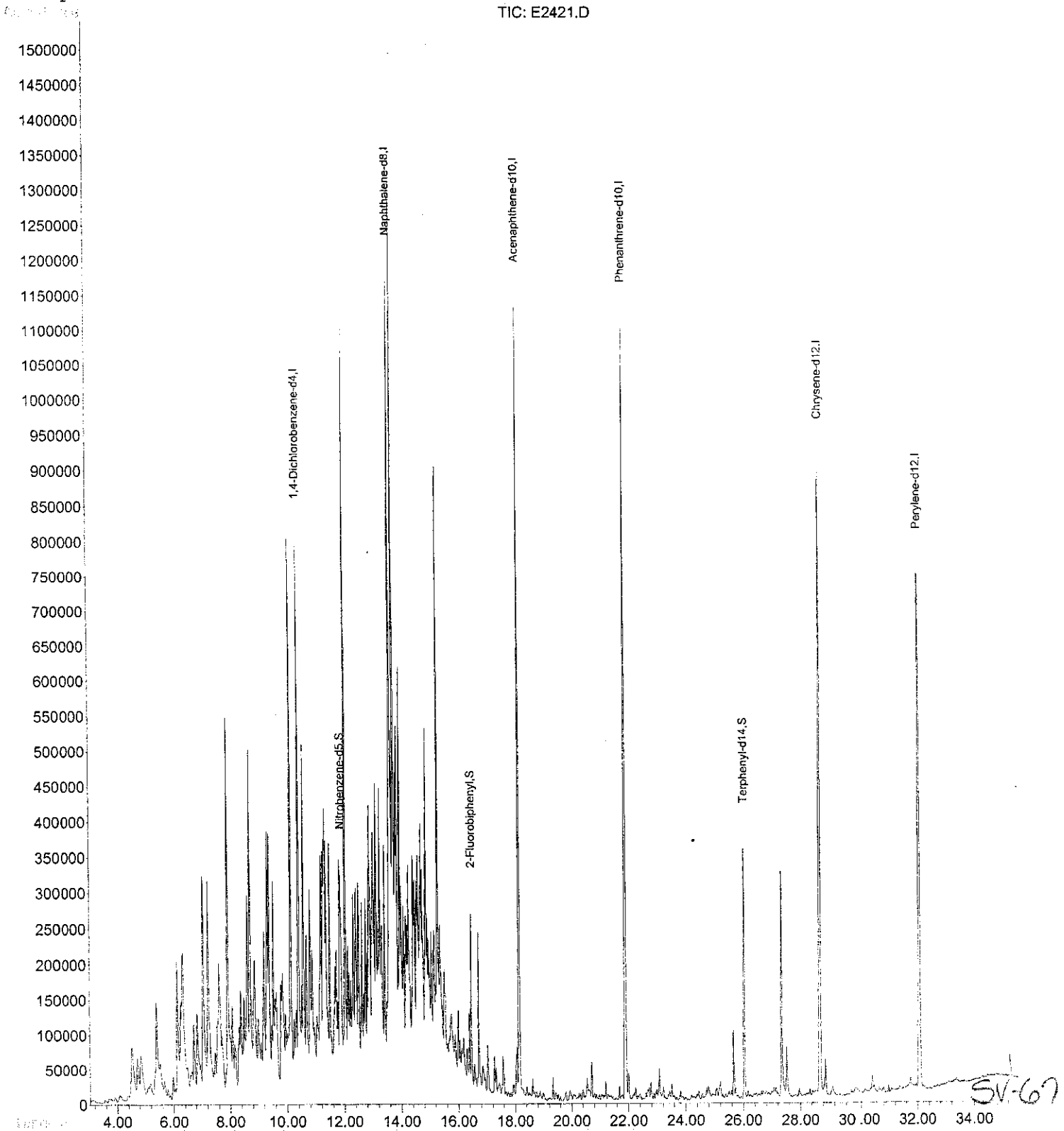
(#) = qualifier out of range (m) = manual integration

SV-66

Quantitation Report

Data File : D:\E\DATA\AUG06\E0803\E2421.D Vial: 9
Acq On : 3 Aug 2006 6:24 pm Operator:
Sample : 0607217DL Inst : GC/MS Ins
Misc : SOIL 2931 08/02/06 05 DP 3ADL (2) Multiplr: 5.00
MS Integration Params: rteint.p
Quant Time: Aug 9 12:58 2006 Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration



SV-67

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0803\E2421.D Vial: 9
Acq On : 3 Aug 2006 6:24 pm Operator:
Sample : 0607217DL Inst : GC/MS Ins
Misc : SOIL 2931 08/02/06 05 DP 3ADL Multiplr: 5.00
MS Integration Params: rteint.p
Quant Time: Aug 9 12:58 2006 Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Thu Aug 03 11:51:01 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.40	152	221915	40.00	ul/l	-0.01
19) Naphthalene-d8	13.62	136	1003767	40.00	ul/l	-0.01
34) Acenaphthene-d10	18.15	164	614738	40.00	ul/l	-0.02
55) Phenanthrene-d10	21.90	188	1003021	40.00	ul/l	-0.02
68) Chrysene-d12	28.70	240	825469	40.00	ul/l	-0.03
77) Perylene-d12	32.11	264	788355	40.00	ul/l	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0d	0.00	ul/l	
Spiked Amount 200.000	Range 25 - 121		Recovery = 0.00%#			
6) Phenol-d5	0.00	99	0d	0.00	ul/l	
Spiked Amount 200.000	Range 24 - 113		Recovery = 0.00%#			
20) Nitrobenzene-d5	11.88	82	96249	42.74	ul/l	-0.02
Spiked Amount 100.000	Range 23 - 120		Recovery = 42.74%			
38) 2-Fluorobiphenyl	16.46	172	151043	40.08	ul/l	-0.02
Spiked Amount 100.000	Range 30 - 115		Recovery = 40.08%			
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 19 - 122		Recovery = 0.00%#			
71) Terphenyl-d14	26.03	244	229259	53.46	ul/l	-0.03
Spiked Amount 100.000	Range 18 - 137		Recovery = 53.46%			

Target Compounds Qvalue

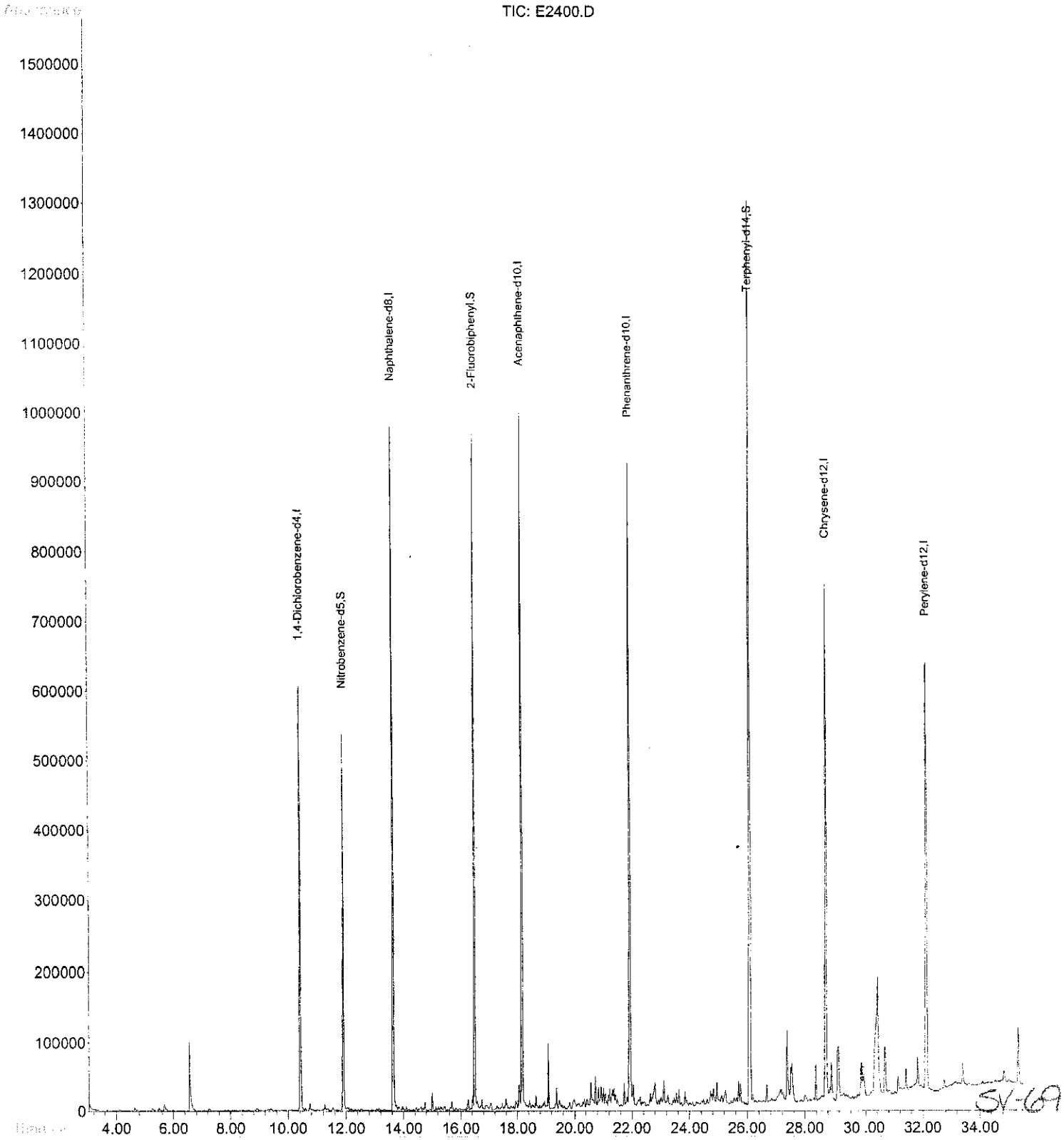
SV-68

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

Quantitation Report

Data File : D:\E\DATA\AUG06\E0802\E2400.D Vial: 6
Acq On : 2 Aug 2006 2:28 pm Operator:
Sample : 0607218 Inst : GC/MS Ins
Misc : WATER 2931 08/01/06 05 DP 7A Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 11:35 2006 Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration



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Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0802\E2400.D Vial: 6
Acq On : 2 Aug 2006 2:28 pm Operator:
Sample : 0607218 Inst : GC/MS Ins
Misc : WATER 2931 08/01/06 05 DP 7A Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 11:35 2006 Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Jul 28 12:54:09 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.42	152	219762	40.00	ul/l	0.10
19) Naphthalene-d8	13.64	136	1025765	40.00	ul/l	0.10
34) Acenaphthene-d10	18.18	164	550090	40.00	ul/l	0.09
55) Phenanthrene-d10	21.93	188	810168	40.00	ul/l	0.09
68) Chrysene-d12	28.74	240	647479	40.00	ul/l	0.08
77) Perylene-d12	32.15	264	592270	40.00	ul/l	0.08
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ul/l	
Spiked Amount 200.000	Range 21 - 100		Recovery =	0.00%#		
6) Phenol-d5	0.00	99	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 94		Recovery =	0.00%#		
20) Nitrobenzene-d5	11.90	82	382988	33.28	ul/l	0.08
Spiked Amount 100.000	Range 35 - 114		Recovery =	33.28%#		
38) 2-Fluorobiphenyl	16.49	172	661613	39.24	ul/l	0.09
Spiked Amount 100.000	Range 43 - 116		Recovery =	39.24%#		
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 123		Recovery =	0.00%#		
71) Terphenyl-d14	26.11	244	1122594	66.75	ul/l	0.11
Spiked Amount 100.000	Range 33 - 141		Recovery =	66.75%		

Target Compounds Qvalue

SV-70

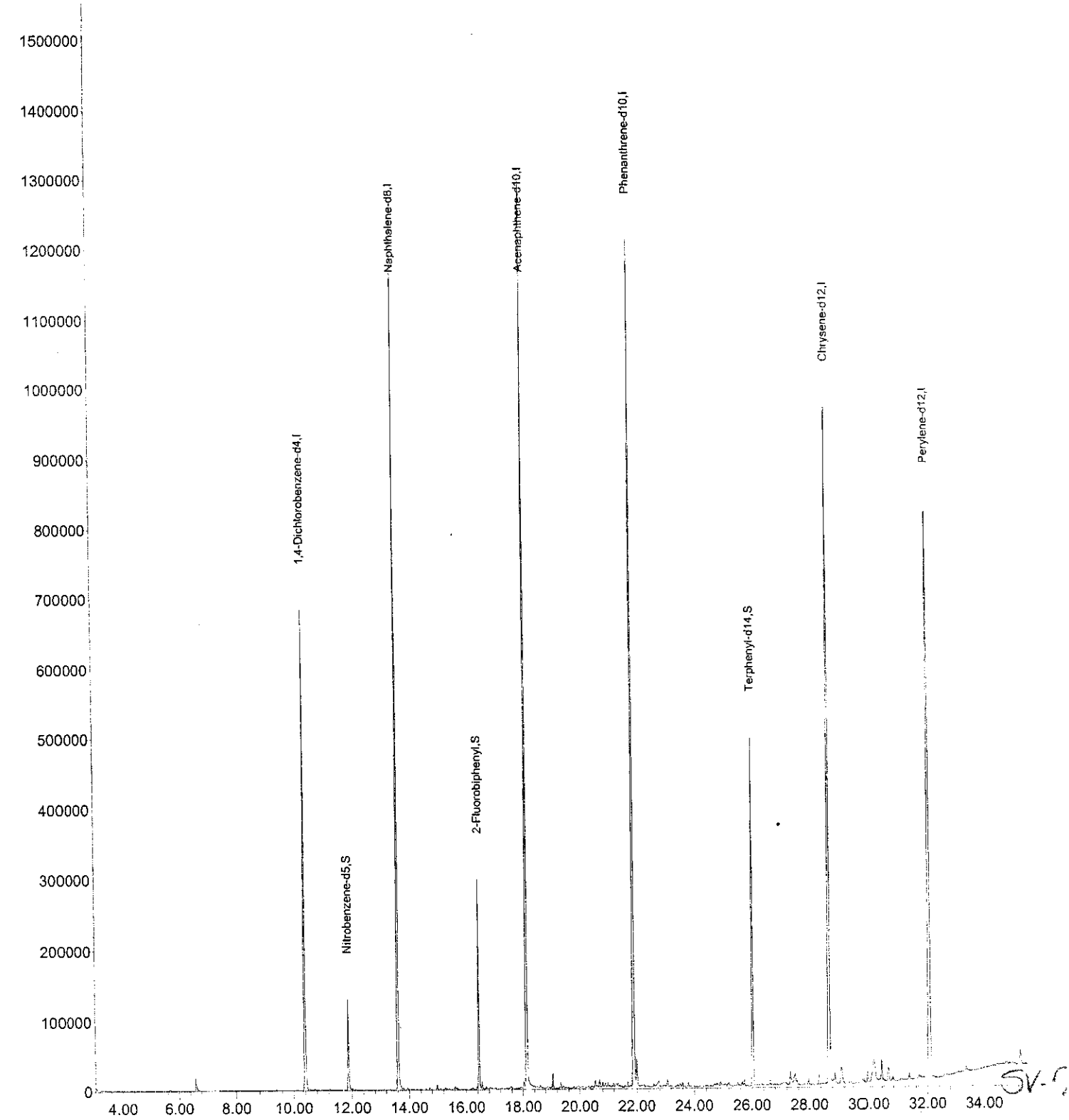
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\E\DATA\AUG06\E0803\E2422.D Vial: 10
Acq On : 3 Aug 2006 7:09 pm Operator:
Sample : 0607218DL Inst : GC/MS Ins
Misc : SOIL 2931 08/02/06 05 DP 7A DL Multiplr: 5.00
MS Integration Params: rteint.p
Quant Time: Aug 9 11:35 2006 Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration

TIC: E2422.D



Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0803\E2422.D
Acq On : 3 Aug 2006 7:09 pm
Sample : 0607218DL
Misc : SOIL 2931 08/02/06 05 DP 7ADL
MS Integration Params: rteint.p
Quant Time: Aug 9 11:35 2006

Vial: 10
Operator:
Inst : GC/MS Ins
Multiplr: 5.00

Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Thu Aug 03 11:51:01 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.39	152	246396	40.00	ul/l	-0.02
19) Naphthalene-d8	13.61	136	1231997	40.00	ul/l	-0.02
34) Acenaphthene-d10	18.15	164	723826	40.00	ul/l	-0.02
55) Phenanthrene-d10	21.90	188	1103245	40.00	ul/l	-0.02
68) Chrysene-d12	28.70	240	917837	40.00	ul/l	-0.03
77) Perylene-d12	32.10	264	860256	40.00	ul/l	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ul/l	
Spiked Amount 200.000	Range 25 - 121		Recovery = 0.00%#			
6) Phenol-d5	0.00	99	0	0.00	ul/l	
Spiked Amount 200.000	Range 24 - 113		Recovery = 0.00%#			
20) Nitrobenzene-d5	11.87	82	96510	34.92	ul/l	-0.03
Spiked Amount 100.000	Range 23 - 120		Recovery = 34.92%			
38) 2-Fluorobiphenyl	16.45	172	190802	43.00	ul/l	-0.03
Spiked Amount 100.000	Range 30 - 115		Recovery = 43.00%			
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 19 - 122		Recovery = 0.00%#			
71) Terphenyl-d14	26.03	244	333655	69.97	ul/l	-0.03
Spiked Amount 100.000	Range 18 - 137		Recovery = 69.97%			

Target Compounds Qvalue

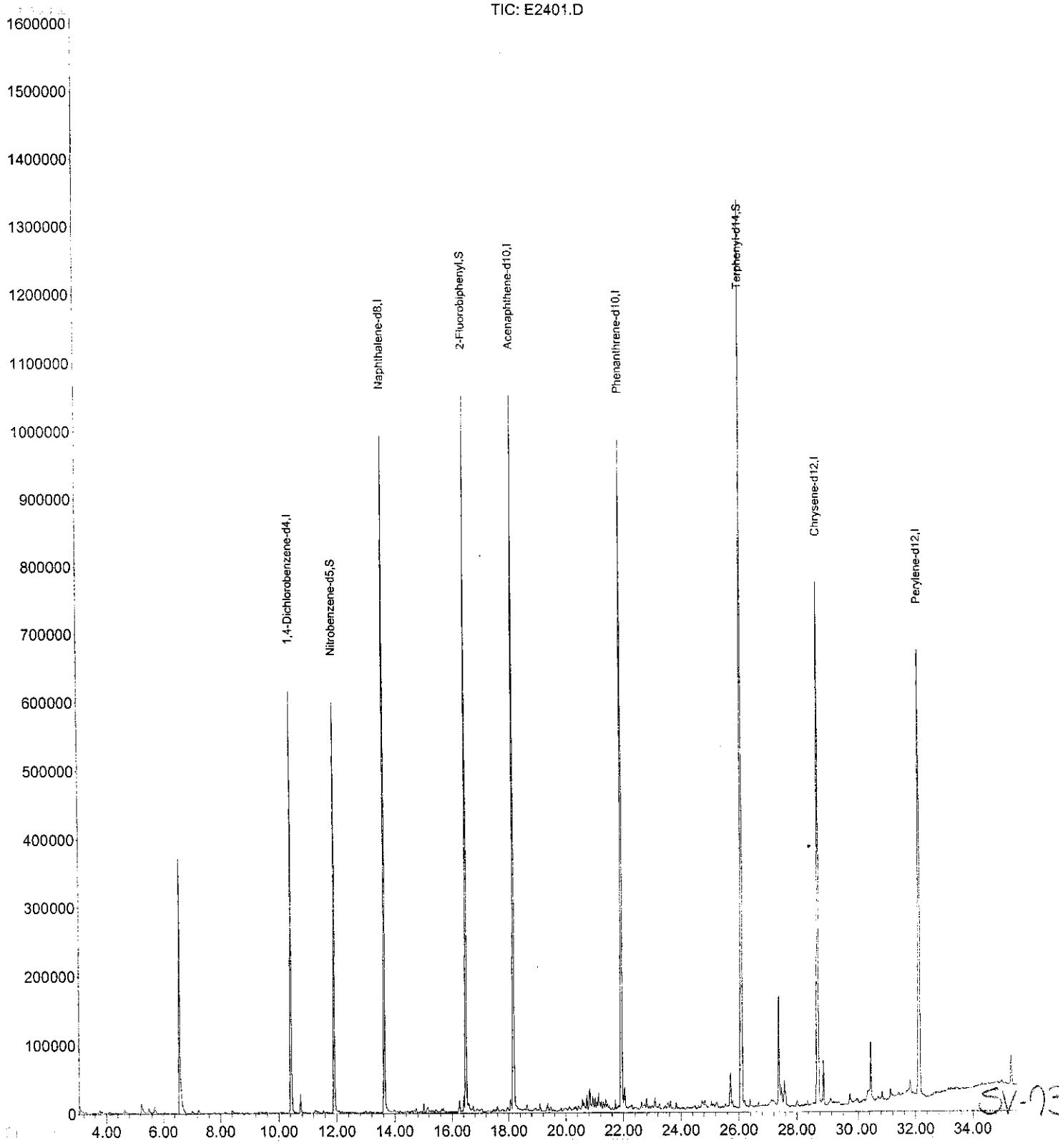
(#) = qualifier out of range (m) = manual integration

SV-08

Quantitation Report

Data File : D:\E\DATA\AUG06\E0802\E2401.D Vial: 7
Acq On : 2 Aug 2006 3:14 pm Operator:
Sample : 0607219 Inst : GC/MS Ins
Misc : WATER 2931 08/01/06 05 DP 9A Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 11:36 2006 Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0802\E2401.D
Acq On : 2 Aug 2006 3:14 pm
Sample : 0607219
Misc : WATER 2931 08/01/06 05 DP 9A
MS Integration Params: rteint.p
Quant Time: Aug 9 11:36 2006

Vial: 7
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Jul 28 12:54:09 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.42	152	219901	40.00	ul/l	0.10
19) Naphthalene-d8	13.64	136	1035928	40.00	ul/l	0.10
34) Acenaphthene-d10	18.18	164	567725	40.00	ul/l	0.09
55) Phenanthrene-d10	21.93	188	849771	40.00	ul/l	0.09
68) Chrysene-d12	28.74	240	676641	40.00	ul/l	0.08
77) Perylene-d12	32.15	264	643360	40.00	ul/l	0.08
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ul/l	
Spiked Amount 200.000	Range 21 - 100		Recovery =	0.00%#		
6) Phenol-d5	0.00	99	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 94		Recovery =	0.00%#		
20) Nitrobenzene-d5	11.90	82	449549	38.69	ul/l	0.08
Spiked Amount 100.000	Range 35 - 114		Recovery =	38.69%		
38) 2-Fluorobiphenyl	16.49	172	713985	41.03	ul/l	0.09
Spiked Amount 100.000	Range 43 - 116		Recovery =	41.03%#		
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 123		Recovery =	0.00%#		
71) Terphenyl-d14	26.11	244	1120295	63.74	ul/l	0.11
Spiked Amount 100.000	Range 33 - 141		Recovery =	63.74%		

Target Compounds Qvalue

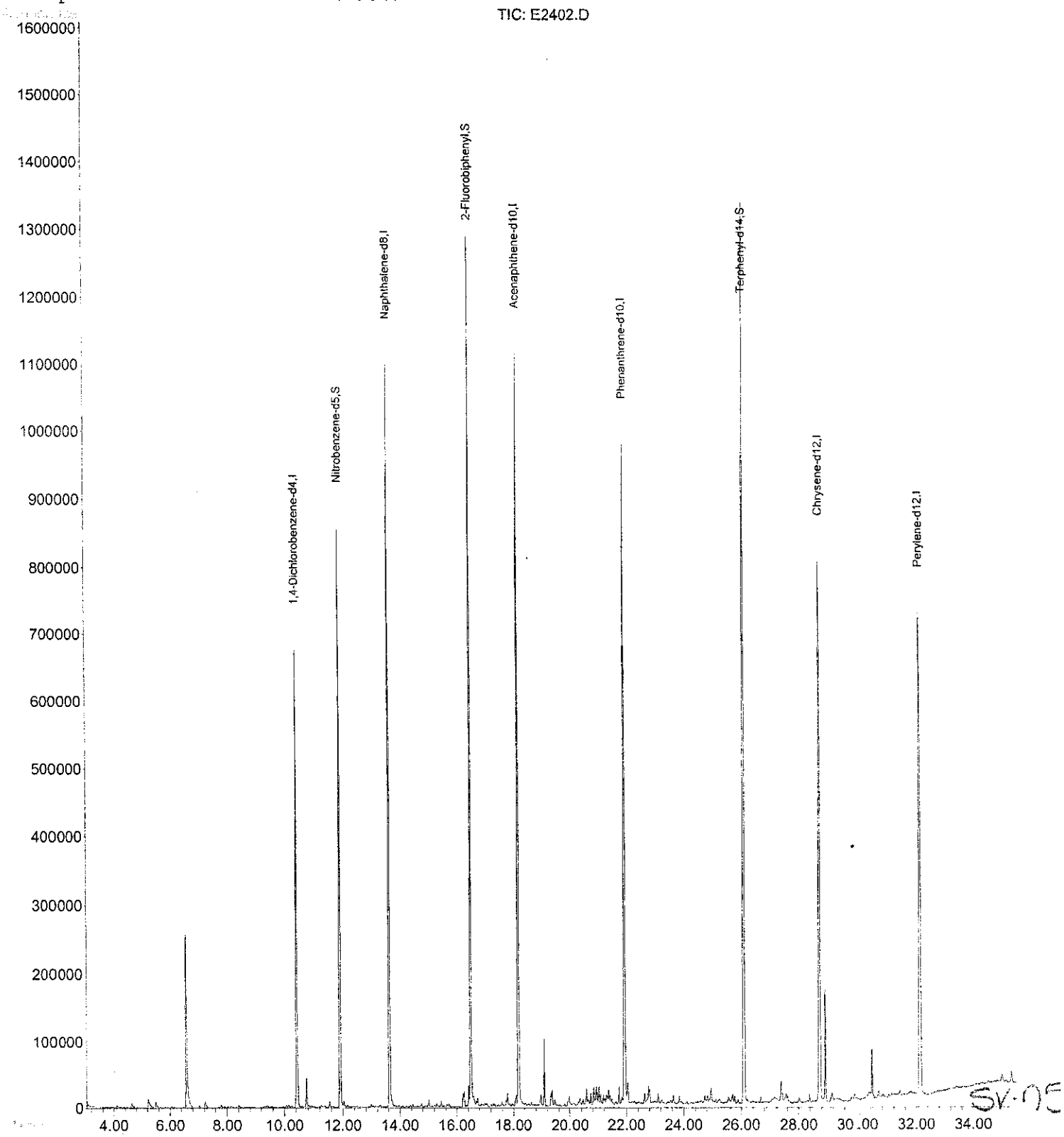
SV-04

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

Quantitation Report

Data File : D:\E\DATA\AUG06\E0802\E2402.D Vial: 8
Acq On : 2 Aug 2006 4:00 pm Operator:
Sample : 0607220 Inst : GC/MS Ins
Misc : WATER 2931 08/01/06 05 DP 10A Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 11:37 2006 Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0802\E2402.D
Acq On : 2 Aug 2006 4:00 pm
Sample : 0607220
Misc : WATER 2931 08/01/06 05 DP 10A
MS Integration Params: rteint.p
Quant Time: Aug 9 11:37 2006

Vial: 8
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Jul 28 12:54:09 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.42	152	235380	40.00	ul/l	0.10
19) Naphthalene-d8	13.64	136	1102848	40.00	ul/l	0.10
34) Acenaphthene-d10	18.18	164	586761	40.00	ul/l	0.09
55) Phenanthrene-d10	21.93	188	870540	40.00	ul/l	0.09
68) Chrysene-d12	28.74	240	729361	40.00	ul/l	0.08
77) Perylene-d12	32.15	264	699040	40.00	ul/l	0.08
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ul/l	
Spiked Amount 200.000	Range 21 - 100		Recovery =	0.00%#		
6) Phenol-d5	0.00	99	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 94		Recovery =	0.00%#		
20) Nitrobenzene-d5	11.91	82	628257	50.78	ul/l	0.09
Spiked Amount 100.000	Range 35 - 114		Recovery =	50.78%		
38) 2-Fluorobiphenyl	16.50	172	944500	52.52	ul/l	0.10
Spiked Amount 100.000	Range 43 - 116		Recovery =	52.52%		
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 123		Recovery =	0.00%#		
71) Terphenyl-d14	26.10	244	1181399	62.36	ul/l	0.11
Spiked Amount 100.000	Range 33 - 141		Recovery =	62.36%		

Target Compounds Qvalue

SV-06

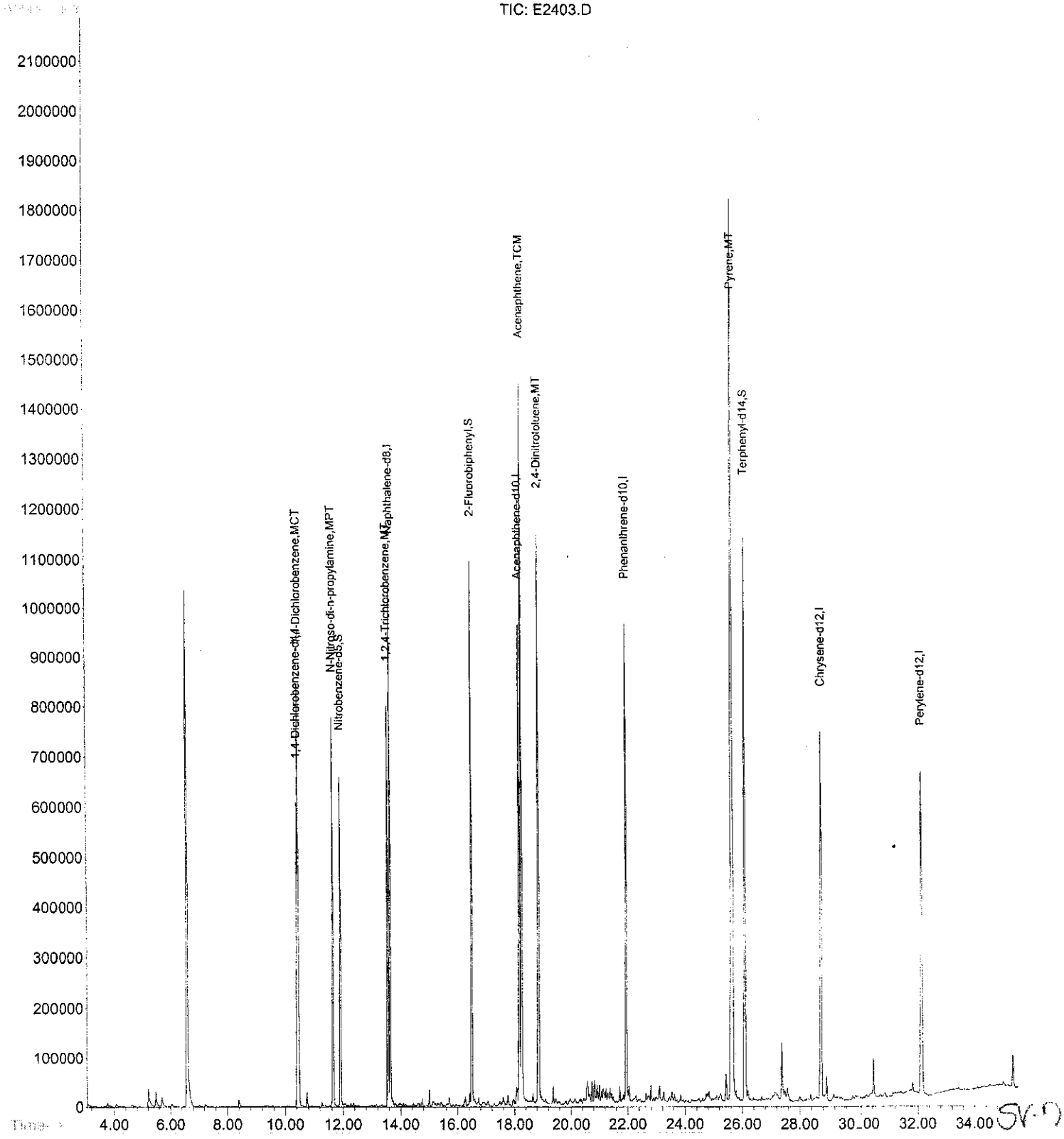
(#) = qualifier out of range (m) = manual integration

Quantitation Report

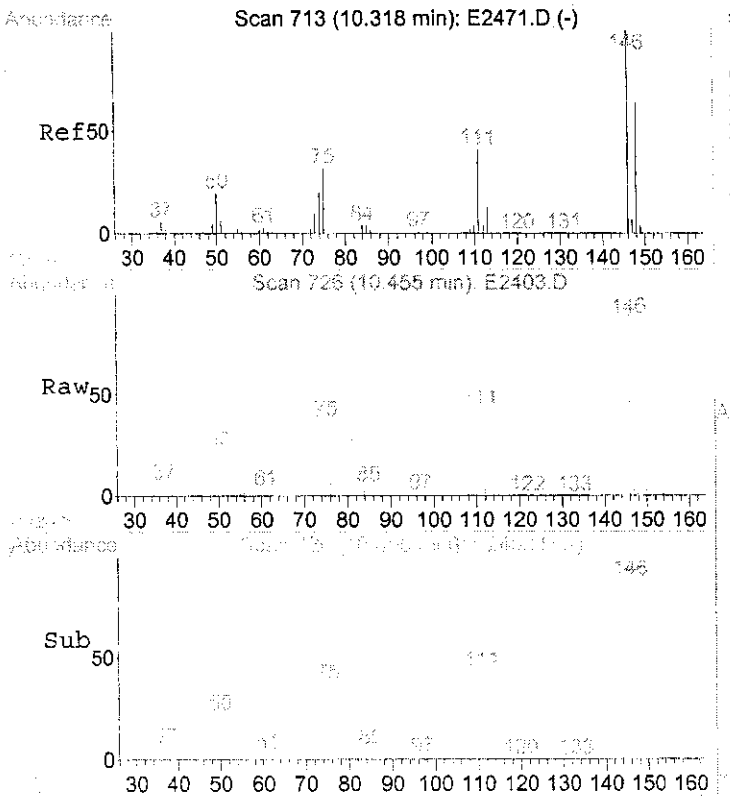
Data File : D:\E\DATA\AUG06\E0802\E2403.D Vial: 9
Acq On : 2 Aug 2006 4:47 pm Operator:
Sample : 0607221MS (2) Inst : GC/MS Ins
Misc : WATER 2931 08/01/06 MS A Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 11:38 2006 Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration

TIC: E2403.D



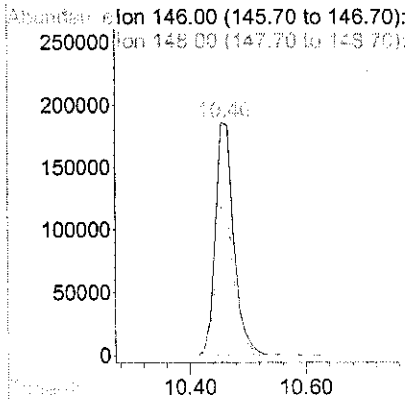
SV-0

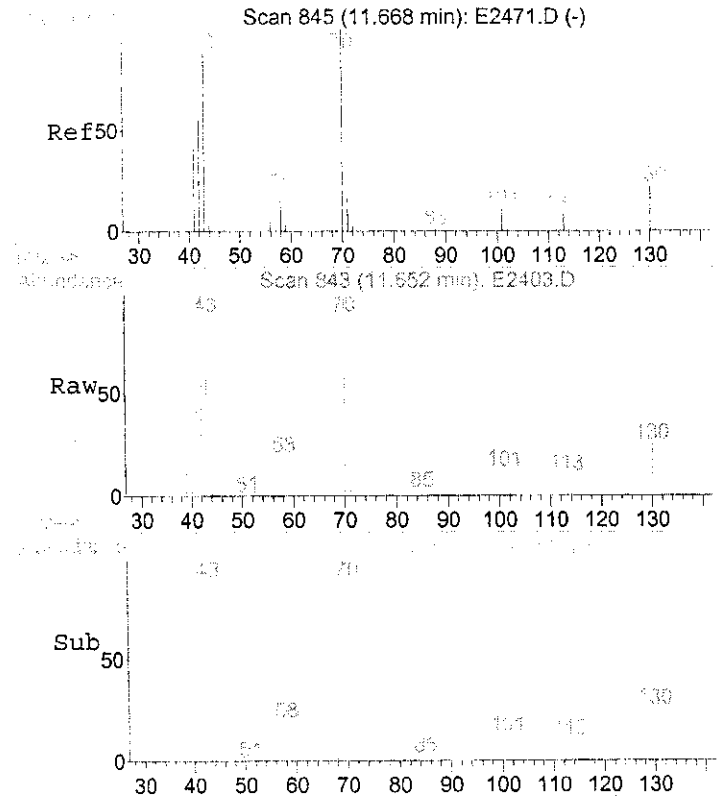


#11
1,4-Dichlorobenzene
Concen: 47.12 ul/l
RT: 10.46 min Scan# 726
Delta R.T. 0.09 min
Lab File: E2403.D
Acq: 2 Aug 2006 4:47 pm

Tgt Ion:146 Resp: 409508

Ion	Ratio	Lower	Upper
146	100		
148	64.1	43.7	83.7
113	15.4	0.0	32.2

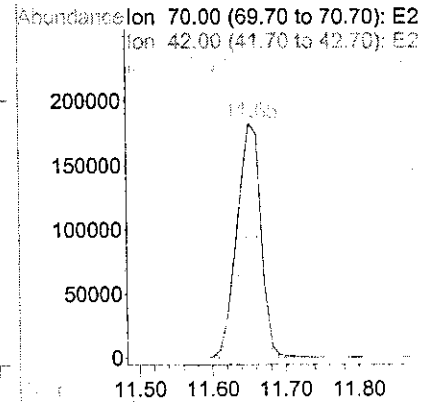




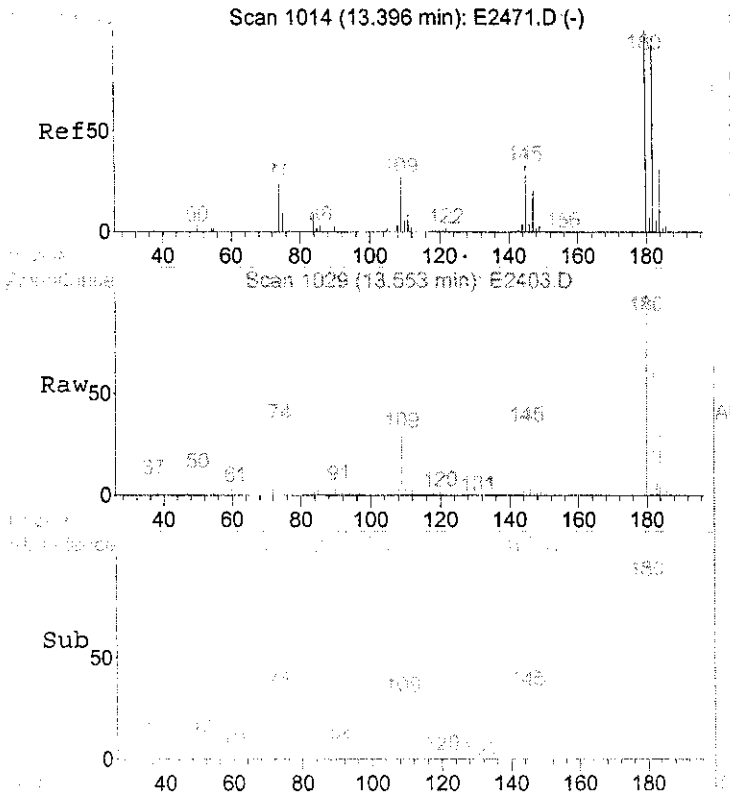
#17
N-Nitroso-di-n-propylamine
Concen: 54.96 ul/l
RT: 11.65 min Scan# 843
Delta R.T. 0.05 min
Lab File: E2403.D
Acq: 2 Aug 2006 4:47 pm

Tgt Ion: 70 Resp: 417613

Ion	Ratio	Lower	Upper
70	100		
42	56.0	18.7	58.7
130	25.3	16.2	56.2



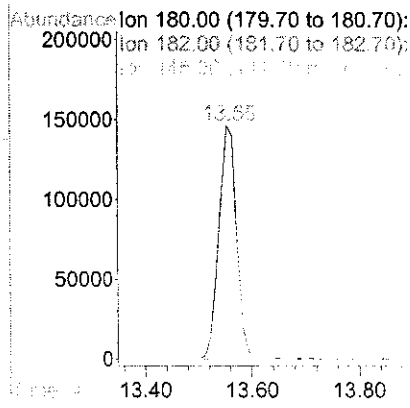
SV-78

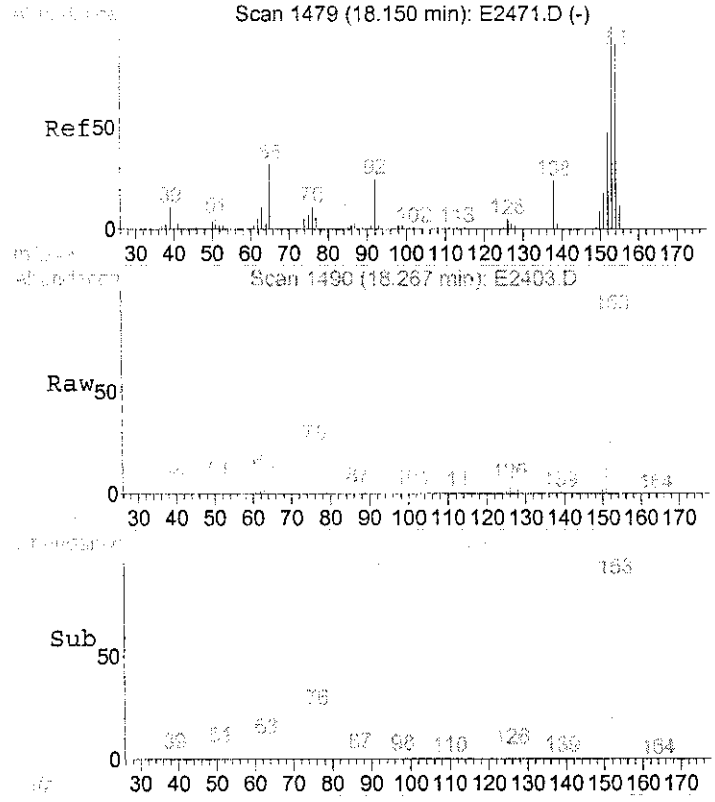


#28
1,2,4-Trichlorobenzene
Concen: 46.63 ul/l
RT: 13.55 min Scan# 1029
Delta R.T. 0.09 min
Lab File: E2403.D
Acq: 2 Aug 2006 4:47 pm

Tgt Ion:180 Resp: 341631

Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.4	115.4
145	33.7	9.0	49.0

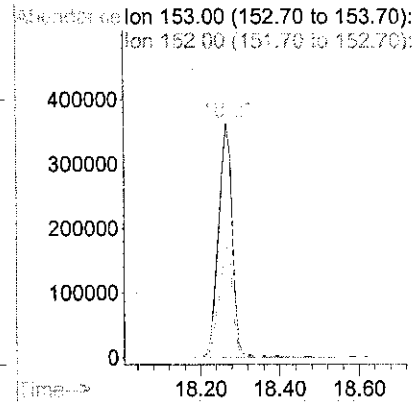




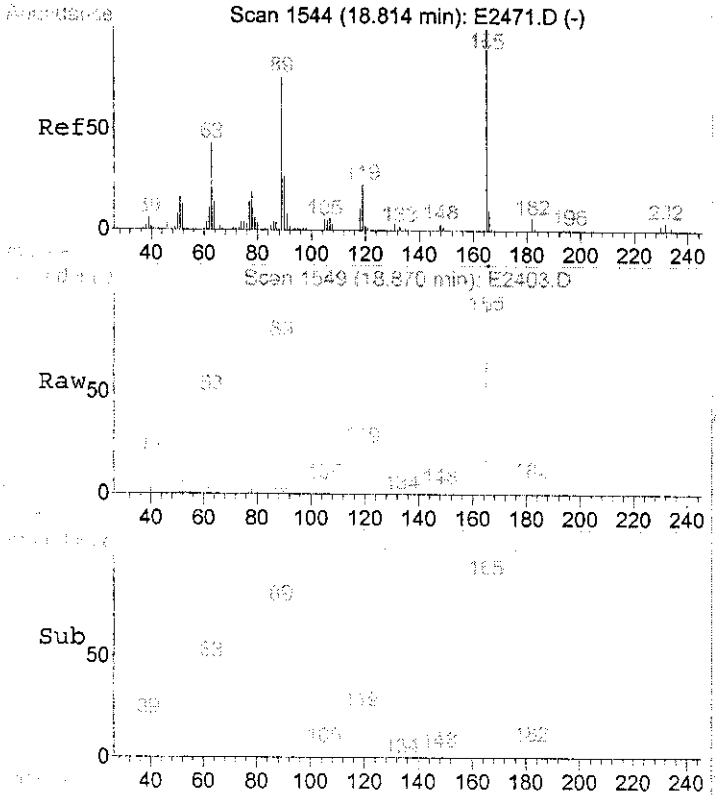
#44
Acenaphthene
Concen: 56.81 ul/l
RT: 18.27 min Scan# 1490
Delta R.T. 0.08 min
Lab File: E2403.D
Acq: 2 Aug 2006 4:47 pm

Tgt Ion:153 Resp: 894427

Ion	Ratio	Lower	Upper
153	100		
152	46.6	26.5	66.5
154	92.8	78.0	118.0



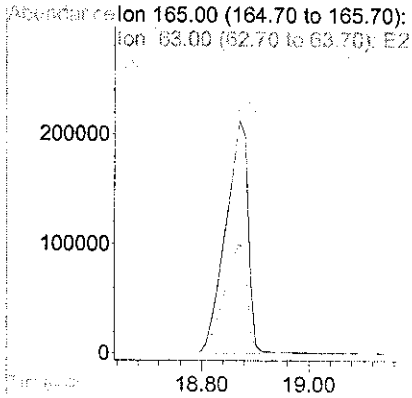
SV-09

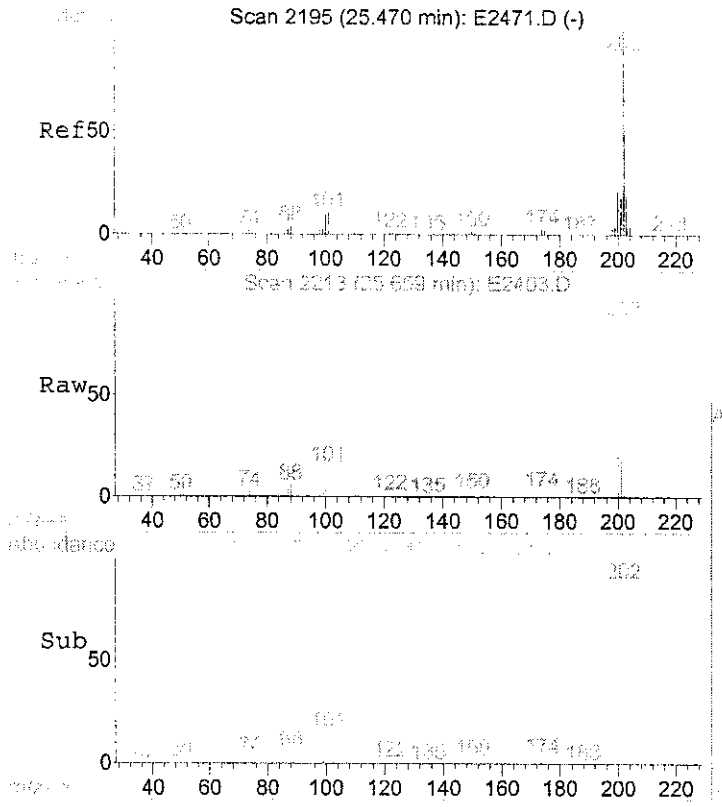


#49
2,4-Dinitrotoluene
Concen: 86.20 ul/l
RT: 18.87 min Scan# 1549
Delta R.T. 0.07 min
Lab File: E2403.D
Acq: 2 Aug 2006 4:47 pm

Tgt Ion:165 Resp: 621642

Ion	Ratio	Lower	Upper
165	100		
63	47.9	10.9	50.9
182	5.8	0.0	26.1

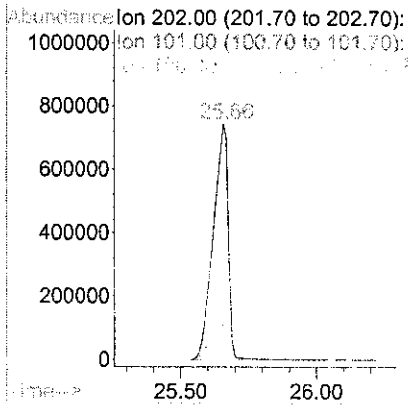




#70
Pyrene
Concen: 100.31 ul/l
RT: 25.66 min Scan# 2213
Delta R.T. 0.12 min
Lab File: E2403.D
Acq: 2 Aug 2006 4:47 pm

Tgt Ion:202 Resp: 2821755

Ion	Ratio	Lower	Upper
202	100		
101	17.9	0.8	40.8
100	15.2	0.0	36.9



SV-80

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0802\E2403.D Vial: 9
Acq On : 2 Aug 2006 4:47 pm Operator:
Sample : 0607221 MS (10) Inst : GC/MS Ins
Misc : WATER 2931 08/01/06 MS A Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 11:38 2006 Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Jul 28 12:54:09 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.42	152	226367	40.00	ul/l	0.10
19) Naphthalene-d8	13.65	136	1047084	40.00	ul/l	0.10
34) Acenaphthene-d10	18.17	164	555445	40.00	ul/l	0.08
55) Phenanthrene-d10	21.94	188	830021	40.00	ul/l	0.09
68) Chrysene-d12	28.75	240	685543	40.00	ul/l	0.08
77) Perylene-d12	32.14	264	648348	40.00	ul/l	0.07
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ul/l	
Spiked Amount 200.000	Range 21 - 100		Recovery =	0.00%#		
6) Phenol-d5	0.00	99	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 94		Recovery =	0.00%#		
20) Nitrobenzene-d5	11.92	82	503960	42.91	ul/l	0.09
Spiked Amount 100.000	Range 35 - 114		Recovery =	42.91%		
38) 2-Fluorobiphenyl	16.50	172	796508	46.79	ul/l	0.09
Spiked Amount 100.000	Range 43 - 116		Recovery =	46.79%		
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 123		Recovery =	0.00%#		
71) Terphenyl-d14	26.10	244	978812	54.97	ul/l	0.10
Spiked Amount 100.000	Range 33 - 141		Recovery =	54.97%		
Target Compounds						Qvalue
11) 1,4-Dichlorobenzene	10.46	146	409508	47.12	ul/l	98
17) N-Nitroso-di-n-propylamine	11.65	70	417613	54.96	ul/l	76
28) 1,2,4-Trichlorobenzene	13.55	180	341631	46.63	ul/l	97
44) Acenaphthene	18.27	153	894427	56.81	ul/l	96
49) 2,4-Dinitrotoluene	18.87	165	621642	86.20	ul/l	74
70) Pyrene	25.66	202	2821755	100.31	ul/l	95

SV-81

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

Quantitation Report

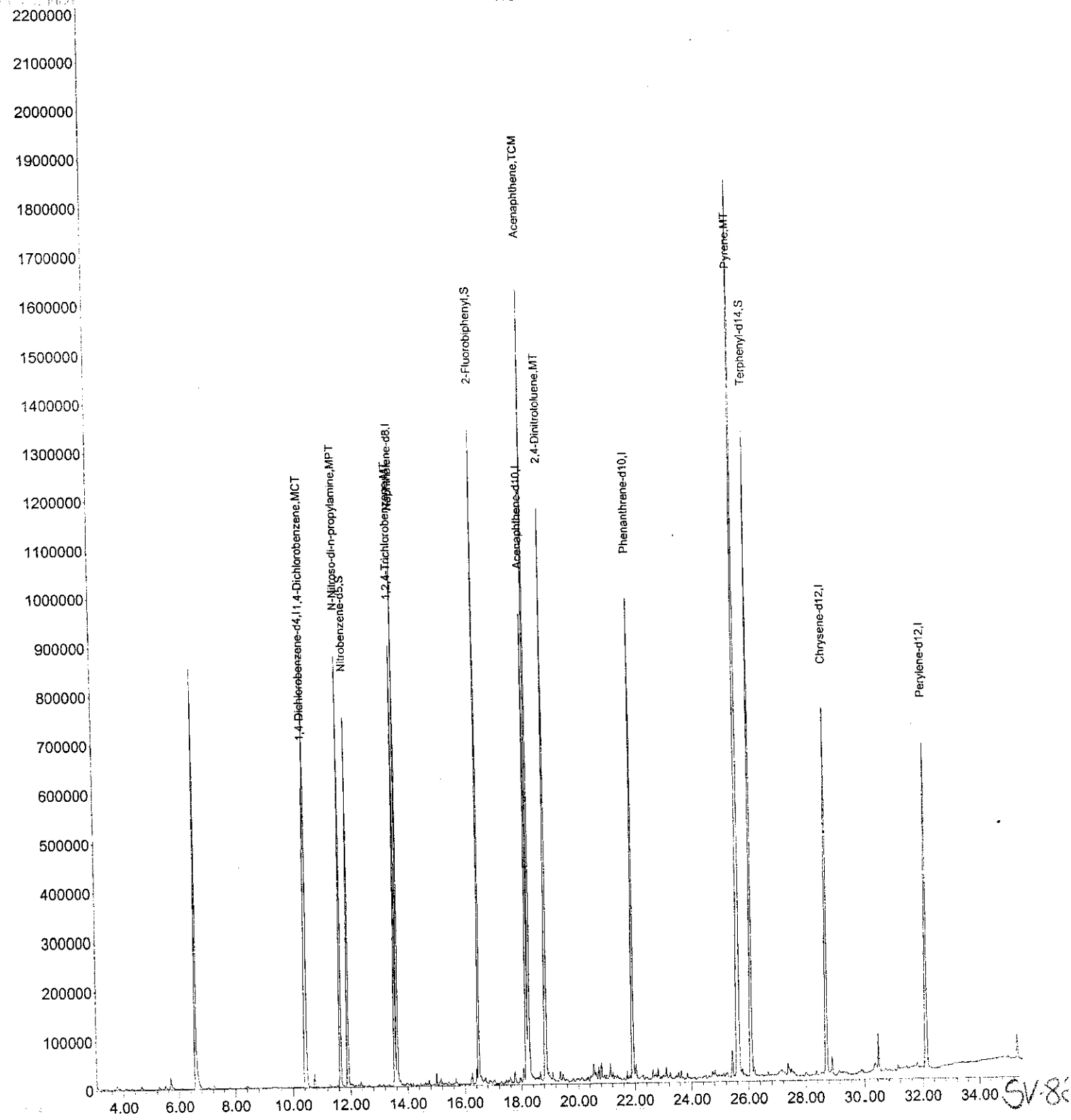
Data File : D:\E\DATA\AUG06\E0802\E2404.D
Acq On : 2 Aug 2006 5:33 pm
Sample : 0607222MSD (KB)
Misc : WATER 2931 08/01/06 MSD A
MS Integration Params: rteint.p
Quant Time: Aug 9 11:38 2006

Vial: 10
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

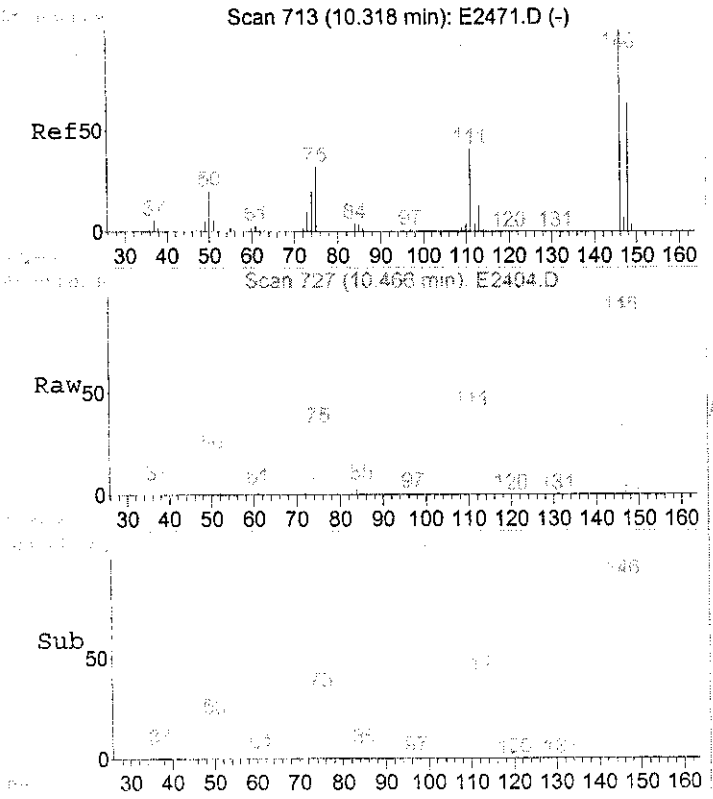
Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration

TIC: E2404.D



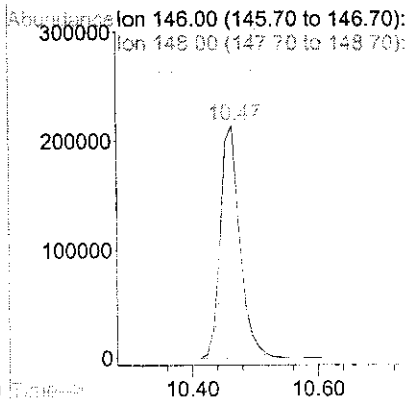
SV-8

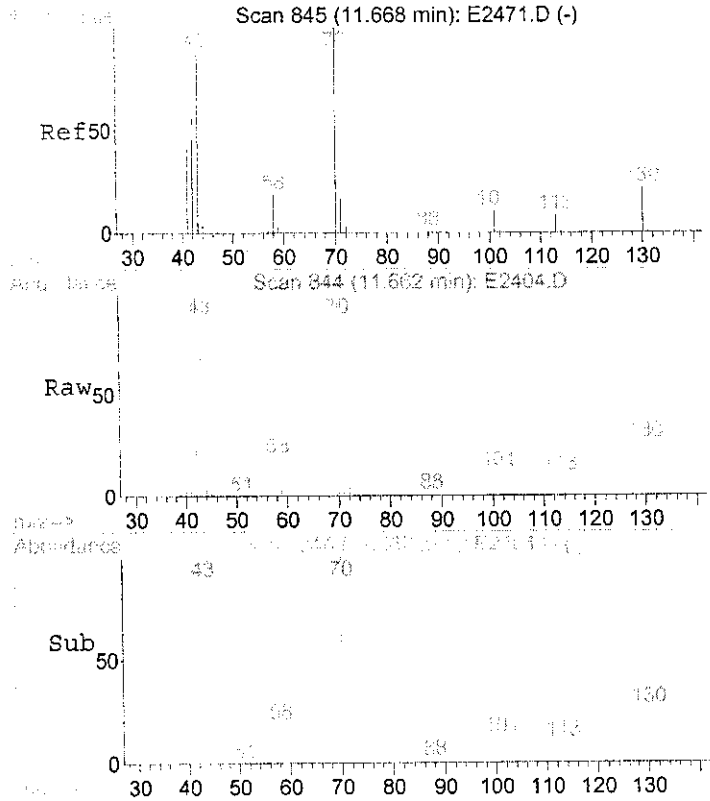


#11
1,4-Dichlorobenzene
Concen: 54.94 ul/l
RT: 10.47 min Scan# 727
Delta R.T. 0.10 min
Lab File: E2404.D
Acq: 2 Aug 2006 5:33 pm

Tgt Ion:146 Resp: 466005

Ion	Ratio	Lower	Upper
146	100		
148	63.8	43.7	83.7
113	15.0	0.0	32.2

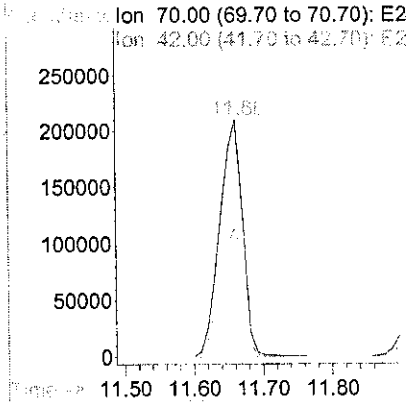




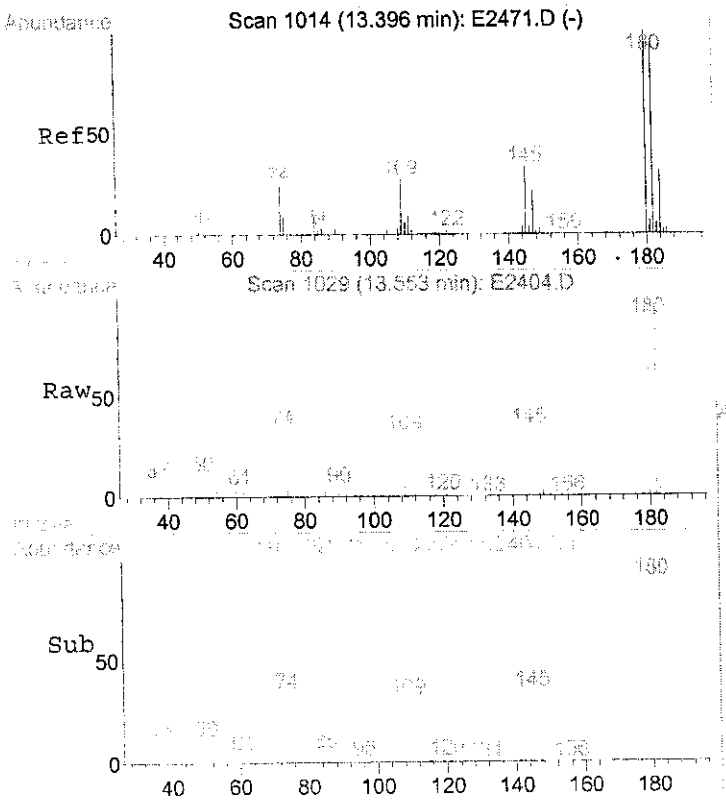
#17
N-Nitroso-di-n-propylamine
Concen: 65.06 ul/l
RT: 11.66 min Scan# 844
Delta R.T. 0.06 min
Lab File: E2404.D
Acq: 2 Aug 2006 5:33 pm

Tgt Ion: 70 Resp: 482484

Ion	Ratio	Lower	Upper
70	100		
42	55.3	18.7	58.7
130	25.2	16.2	56.2



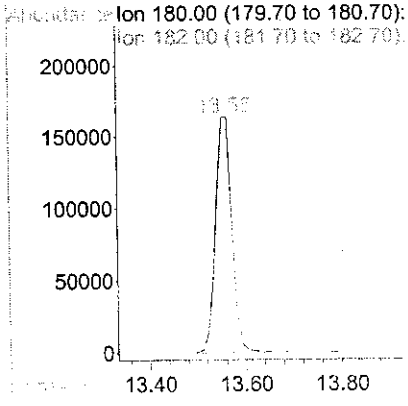
SV-83

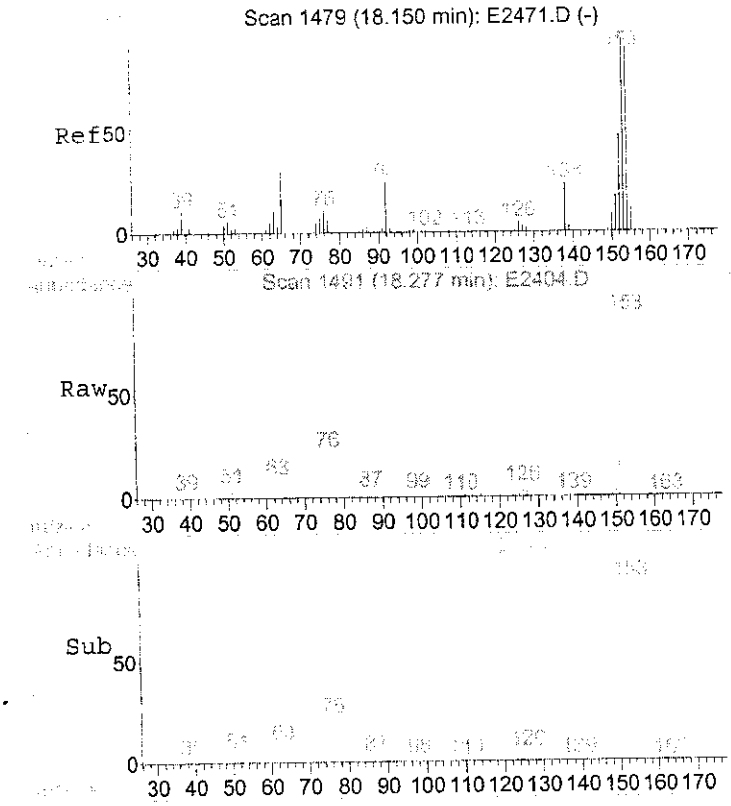


#28
1,2,4-Trichlorobenzene
Concen: 53.14 ul/l
RT: 13.55 min Scan# 1029
Delta R.T. 0.09 min
Lab File: E2404.D
Acq: 2 Aug 2006 5:33 pm

Tgt Ion:180 Resp: 389647

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.4	115.4
145	33.6	9.0	49.0

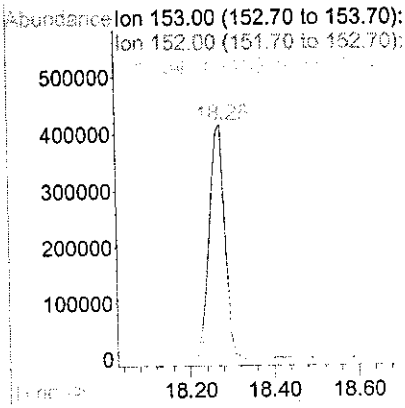




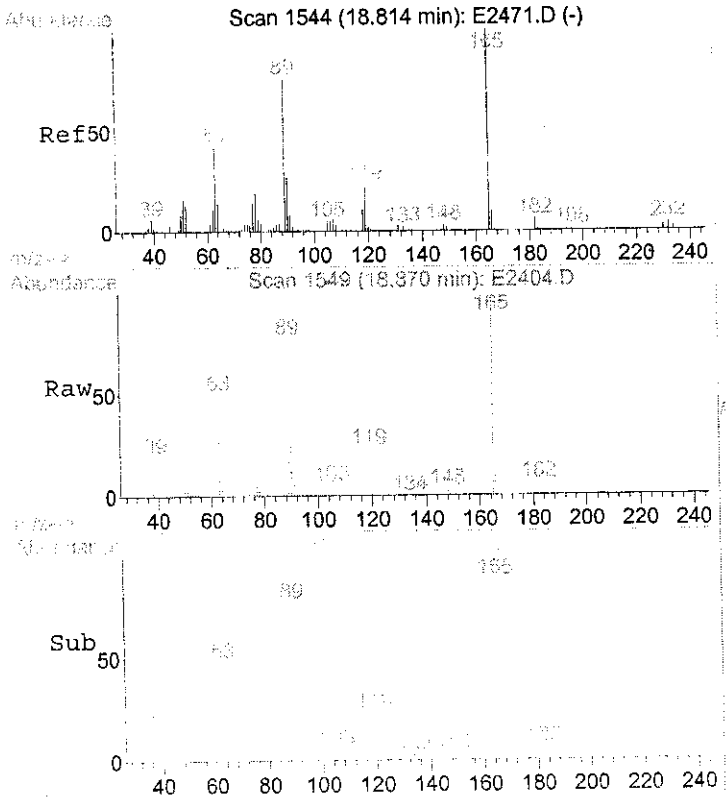
#44
Acenaphthene
Concen: 69.90 ul/l
RT: 18.28 min Scan# 1491
Delta R.T. 0.09 min
Lab File: E2404.D
Acq: 2 Aug 2006 5:33 pm

Tgt Ion:153 Resp: 1107811

Ion	Ratio	Lower	Upper
153	100		
152	47.2	26.5	66.5
154	94.2	78.0	118.0



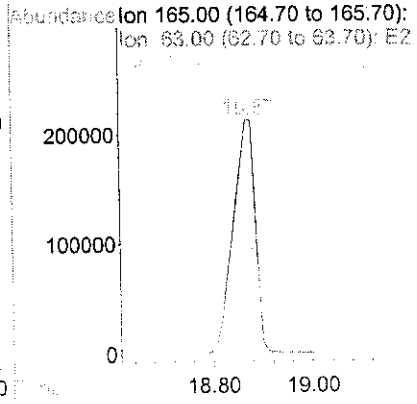
SV-84

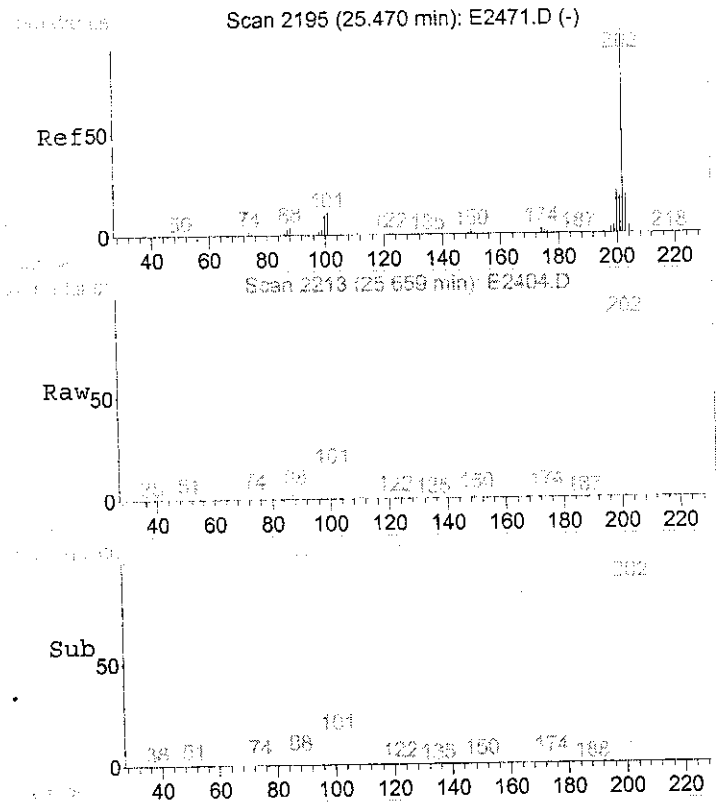


#49
2,4-Dinitrotoluene
Concen: 91.38 ul/l
RT: 18.87 min Scan# 1549
Delta R.T. 0.07 min
Lab File: E2404.D
Acq: 2 Aug 2006 5:33 pm

Tgt Ion:165 Resp: 663383

Ion	Ratio	Lower	Upper
165	100		
63	48.2	10.9	50.9
182	5.7	0.0	26.1

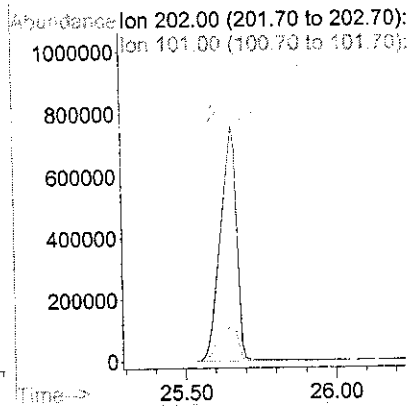




#70
Pyrene
Concen: 102.24 ul/l
RT: 25.66 min Scan# 2213
Delta R.T. 0.12 min
Lab File: E2404.D
Acq: 2 Aug 2006 5:33 pm

Tgt Ion:202 Resp: 2865463

Ion	Ratio	Lower	Upper
202	100		
101	17.9	0.8	40.8
100	15.1	0.0	36.9



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Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0802\E2404.D
Acq On : 2 Aug 2006 5:33 pm
Sample : 0607222MSD
Misc : WATER 2931 08/01/06 MSD A
MS Integration Params: rteint.p
Quant Time: Aug 9 11:38 2006

Vial: 10
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Jul 28 12:54:09 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.42	152	220924	40.00	ul/l	0.10
19) Naphthalene-d8	13.65	136	1048019	40.00	ul/l	0.10
34) Acenaphthene-d10	18.17	164	559142	40.00	ul/l	0.08
55) Phenanthrene-d10	21.94	188	849543	40.00	ul/l	0.09
68) Chrysene-d12	28.75	240	682986	40.00	ul/l	0.08
77) Perylene-d12	32.14	264	645102	40.00	ul/l	0.07
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ul/l	
Spiked Amount 200.000	Range 21 - 100		Recovery =	0.00%#		
6) Phenol-d5	0.00	99	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 94		Recovery =	0.00%#		
20) Nitrobenzene-d5	11.92	82	567564	48.28	ul/l	0.09
Spiked Amount 100.000	Range 35 - 114		Recovery =	48.28%		
38) 2-Fluorobiphenyl	16.50	172	952591	55.58	ul/l	0.09
Spiked Amount 100.000	Range 43 - 116		Recovery =	55.58%		
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 123		Recovery =	0.00%#		
71) Terphenyl-d14	26.11	244	1145281	64.56	ul/l	0.11
Spiked Amount 100.000	Range 33 - 141		Recovery =	64.56%		
Target Compounds						Qvalue
11) 1,4-Dichlorobenzene	10.47	146	466005	54.94	ul/l	99
17) N-Nitroso-di-n-propylamine	11.66	70	482484	65.06	ul/l	77
28) 1,2,4-Trichlorobenzene	13.55	180	389647	53.14	ul/l	98
44) Acenaphthene	18.28	153	1107811	69.90	ul/l	97
49) 2,4-Dinitrotoluene	18.87	165	663383	91.38	ul/l	73
70) Pyrene	25.66	202	2865463	102.24	ul/l	95

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

Quantitation Report

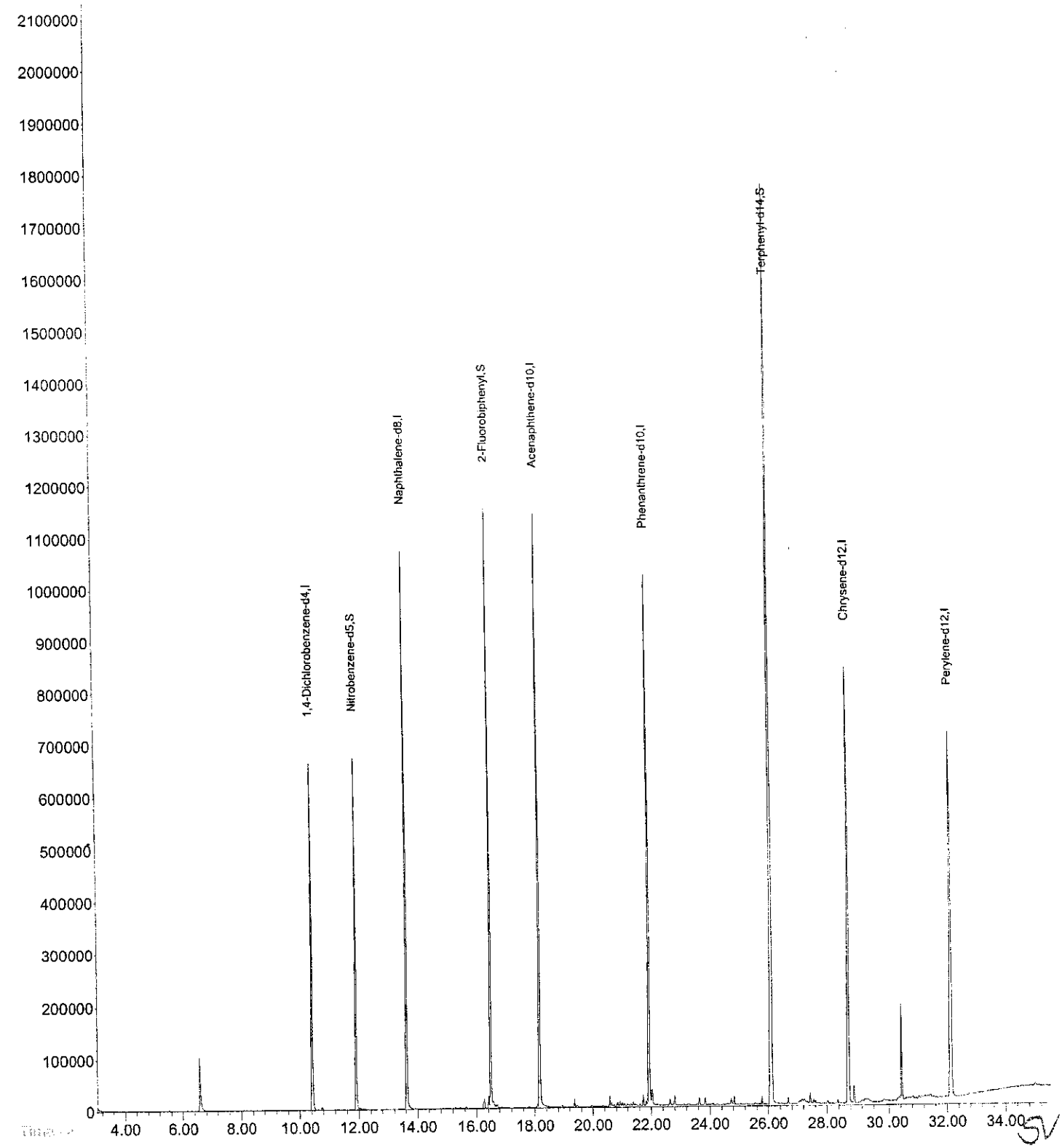
Data File : D:\E\DATA\AUG06\E0802\E2408.D
Acq On : 2 Aug 2006 8:37 pm
Sample : 0607224
Misc : WATER FIELDBLANK
MS Integration Params: rteint.p
Quant Time: Aug 9 11:40 2006

Vial: 14
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration

TIC: E2408.D



SV-8

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0802\E2408.D Vial: 14
Acq On : 2 Aug 2006 8:37 pm Operator:
Sample : 0607224 Inst : GC/MS Ins
Misc : WATER FIELDBLANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 11:40 2006 Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Jul 28 12:54:09 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.42	152	231895	40.00	ul/l	0.10
19) Naphthalene-d8	13.64	136	1096580	40.00	ul/l	0.10
34) Acenaphthene-d10	18.18	164	605535	40.00	ul/l	0.09
55) Phenanthrene-d10	21.93	188	910656	40.00	ul/l	0.09
68) Chrysene-d12	28.74	240	760173	40.00	ul/l	0.08
77) Perylene-d12	32.15	264	716688	40.00	ul/l	0.08
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ul/l	
Spiked Amount 200.000	Range 21 - 100		Recovery =	0.00%#		
6) Phenol-d5	0.00	99	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 94		Recovery =	0.00%#		
20) Nitrobenzene-d5	11.91	82	504248	40.99	ul/l	0.09
Spiked Amount 100.000	Range 35 - 114		Recovery =	40.99%		
38) 2-Fluorobiphenyl	16.49	172	793648	42.76	ul/l	0.09
Spiked Amount 100.000	Range 43 - 116		Recovery =	42.76%#		
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 123		Recovery =	0.00%#		
71) Terphenyl-d14	26.11	244	1765579	89.41	ul/l	0.12
Spiked Amount 100.000	Range 33 - 141		Recovery =	89.41%		

Target Compounds Qvalue

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

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6B

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971AE Calibration Date(s): 7/20/06 7/20/06

Calibration Times: 15:03 18:25

LAB FILE ID: RRF20 = E2266.D RRF50 = E2264.D

RRF80 = E2267.D RRF120 = E2268.D RRF160 = E2265.D

	COMPOUND	RRF20	RRF50	RRF80	RRF120	RRF160	$\overline{RRF}$	% RSD	
	Pyridine	0.820	1.168	1.147	1.005	1.042	1.036	13.4	
	N-Nitrosodimethylamine	0.921	1.022	0.944	0.914	0.919	0.944	4.8	
	Aniline	2.818	2.678	2.784	2.632	2.679	2.718	2.9	
*	Phenol	2.320	2.154	2.085	1.933	1.911	2.081	8.1	*
	bis(2-Chloroethyl)ether	1.917	1.752	1.660	1.529	1.506	1.673	10.1	
	2-Chlorophenol	1.651	1.555	1.524	1.479	1.436	1.529	5.3	
	1,3-Dichlorobenzene	1.677	1.553	1.546	1.457	1.412	1.529	6.7	
*	1,4-Dichlorobenzene	1.731	1.569	1.526	1.441	1.412	1.536	8.2	*
	Benzyl alcohol	1.630	1.474	1.537	1.530	1.516	1.538	3.7	
	1,2-Dichlorobenzene	1.617	1.420	1.387	1.354	1.325	1.421	8.1	
	2-Methylphenol	1.656	1.496	1.384	1.291	1.254	1.416	11.5	
	bis(2-chloroisopropyl)ether	2.939	2.567	2.161	1.857	1.805	2.266	21.3	
	3&4-Methylphenol	1.730	1.474	1.457	1.449	1.429	1.508	8.3	
*	N-Nitroso-di-n-propylamine	1.490	1.300	1.343	1.309	1.273	1.343	6.4	*
	Hexachloroethane	0.736	0.634	0.671	0.654	0.630	0.665	6.4	
	Nitrobenzene	0.473	0.441	0.449	0.412	0.393	0.433	7.2	
	Isophorone	0.952	0.927	0.956	0.903	0.733	0.894	10.3	
*	2-Nitrophenol	0.239	0.233	0.230	0.220	0.214	0.227	4.5	*
	2,4-Dimethylphenol	0.423	0.404	0.413	0.398	0.388	0.405	3.4	
	Benzoic Acid	0.132	0.197	0.232	0.238	0.227	0.205	21.5	
	bis(2-Chloroethoxy)methane	0.572	0.521	0.510	0.473	0.459	0.507	8.8	
*	2,4-Dichlorophenol	0.303	0.289	0.295	0.288	0.280	0.291	2.9	*
	1,2,4-Trichlorobenzene	0.300	0.278	0.282	0.274	0.265	0.280	4.6	
	Naphthalene	1.168	1.023	0.973	0.902	0.886	0.990	11.5	
	4-Chloroaniline	0.499	0.496	0.484	0.466	0.449	0.479	4.4	
*	Hexachlorobutadiene	0.150	0.139	0.145	0.142	0.138	0.143	3.5	*
*	4-Chloro-3-methylphenol	0.408	0.384	0.385	0.375	0.358	0.382	4.7	*
	2-Methylnaphthalene	0.750	0.673	0.659	0.631	0.613	0.665	7.9	
*	Hexachlorocyclopentadiene	0.258	0.273	0.284	0.278	0.289	0.276	4.4	*
*	2,4,6-Trichlorophenol	0.382	0.360	0.367	0.352	0.355	0.363	3.2	*
	2,4,5-Trichlorophenol	0.410	0.392	0.397	0.381	0.369	0.390	4.0	
	2-Chloronaphthalene	1.289	1.146	1.113	1.046	1.037	1.126	9.1	
	2-Nitroaniline	0.535	0.500	0.508	0.476	0.479	0.499	4.8	
	Dimethylphthalate	1.641	1.405	1.330	1.208	1.177	1.352	13.8	
	Acenaphthylene	2.308	1.991	1.808	1.651	1.624	1.876	15.0	
	3-Nitroaniline	0.455	0.438	0.413	0.367	0.356	0.406	10.7	
*	Acenaphthene	1.332	1.165	1.117	1.036	1.020	1.134	11.1	*
*	2,4-Dinitrophenol	0.116	0.187	0.215	0.223	0.218	0.192	23.2	*
*	4-Nitrophenol	0.219	0.213	0.232	0.227	0.221	0.223	3.4	*

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971AE Calibration Date(s): 7/20/06 7/20/06

Calibration Times: 15:03 18:25

LAB FILE ID: RRF20 = E2266.D RRF50 = E2264.D

RRF80 = E2267.D RRF120 = E2268.D RRF160 = E2265.D

COMPOUND		RRF20	RRF50	RRF80	RRF120	RRF160	$\overline{RRF}$	% RSD	
Dibenzofuran		1.795	1.602	1.582	1.490	1.463	1.586	8.2	
2,6-Dinitrotoluene		0.419	0.389	0.390	0.370	0.364	0.386	5.6	
2,4-Dinitrotoluene		0.541	0.523	0.530	0.506	0.496	0.519	3.5	
Diethylphthalate		1.744	1.546	1.463	1.273	1.203	1.446	15.0	
4-Chlorophenyl-phenylether		0.619	0.555	0.545	0.501	0.488	0.542	9.6	
Fluorene		1.502	1.285	1.221	1.121	1.090	1.244	13.2	
4-Nitroaniline		0.487	0.477	0.496	0.424	0.399	0.457	9.4	
4,6-Dinitro-2-methylphenol		0.152	0.183	0.178	0.166	0.164	0.168	7.3	
Carbazole		1.287	1.135	1.101	1.039	1.014	1.115	9.6	
n-Nitrosodiphenylamine	*	0.822	0.721	0.661	0.609	0.607	0.684	13.2	*
1,2-Diphenylhydrazine		1.424	1.246	1.102	0.959	0.947	1.135	17.8	
Azobenzene		1.424	1.246	1.102	0.959	0.947	1.135	17.8	
4-Bromophenyl-phenylether		0.204	0.195	0.199	0.196	0.198	0.198	1.8	
Hexachlorobenzene		0.220	0.216	0.222	0.221	0.223	0.220	1.4	
Pentachlorophenol	*	0.134	0.147	0.156	0.155	0.158	0.150	6.7	*
Phenanthrene		1.346	1.195	1.158	1.116	1.113	1.186	8.1	
Anthracene		1.330	1.176	1.150	1.080	1.083	1.164	8.8	
Di-n-butylphthalate		2.038	1.777	1.688	1.565	1.556	1.725	11.5	
Fluoranthene	*	1.321	1.196	1.195	1.153	1.140	1.201	6.0	*
Benzidine		1.206	1.176	1.120	1.059	1.086	1.129	5.4	
Pyrene		1.836	1.689	1.612	1.533	1.538	1.641	7.7	
Butylbenzylphthalate		1.292	1.121	1.037	0.926	0.915	1.058	14.7	
3,3'-Dichlorobenzidine		0.397	0.419	0.492	0.494	0.485	0.457	10.1	
Benzo[a]anthracene		1.562	1.471	1.471	1.418	1.422	1.469	4.0	
bis(2-Ethylhexyl)phthalate		1.666	1.385	1.293	1.174	1.160	1.335	15.5	
Chrysene		1.355	1.290	1.293	1.254	1.252	1.289	3.2	
Di-n-octylphthalate	*	3.134	2.677	2.567	2.343	2.390	2.622	12.0	*
Benzo[b]fluoranthene		1.392	1.367	1.452	1.338	1.452	1.400	3.6	
Benzo[k]fluoranthene		1.345	1.268	1.278	1.349	1.329	1.314	2.9	
Benzo[a]pyrene		1.273	1.245	1.287	1.258	1.304	1.274	1.8	
Indeno[1,2,3-cd]pyrene		1.264	1.278	1.355	1.350	1.379	1.325	3.8	
Dibenz[a,h]anthracene		1.056	1.087	1.159	1.158	1.183	1.129	4.8	
Benzo[g,h,i]perylene		1.059	1.033	1.087	1.075	1.119	1.074	3.0	
2-Fluorophenol		1.414	1.467	1.491	1.439	1.450	1.452	2.0	
Phenol-d5		2.043	1.993	1.958	1.844	1.835	1.935	4.7	
Nitrobenzene-d5		0.471	0.454	0.462	0.436	0.421	0.449	4.5	
2-Fluorobiphenyl		1.375	1.239	1.224	1.150	1.142	1.226	7.7	
2,4,6-Tribromophenol		0.143	0.148	0.161	0.161	0.160	0.154	5.5	
Terphenyl-d14		1.087	1.057	1.032	0.999	1.020	1.039	3.3	

(1) Cannot be separated from Diphenylamine

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

SV-90

7B

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971AE Calibration Date: 8/2/06 Time: 9:51

Lab File ID: E2394.D Init. Calib. Date(s): 7/20/06 7/20/06

Init. Calib. Times: 15:03 18:25

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Pyridine	1.036	1.191		-14.9	
N-Nitrosodimethylamine	0.944	1.201		-27.2	
Aniline	2.718	3.123		-14.9	
Phenol	2.081	2.659	0.001	-27.8	20.0
bis(2-Chloroethyl)ether	1.673	2.180		-30.3	
2-Chlorophenol	1.529	1.783		-16.6	
1,3-Dichlorobenzene	1.529	1.634		-6.8	
1,4-Dichlorobenzene	1.536	1.673		-8.9	
Benzyl alcohol	1.538	1.743		-13.3	
1,2-Dichlorobenzene	1.421	1.512		-6.4	
2-Methylphenol	1.416	1.735		-22.5	
bis(2-chloroisopropyl)ether	2.266	3.123		-37.9	
3&4-Methylphenol	1.508	1.896		-25.8	
N-Nitroso-di-n-propylamine	1.343	1.576	0.050	-17.4	0.0
Hexachloroethane	0.665	0.705		-5.9	
Nitrobenzene	0.433	0.482		-11.1	
Isophorone	0.894	1.040		-16.2	
2-Nitrophenol	0.227	0.240		-5.6	
2,4-Dimethylphenol	0.405	0.442		-9.0	
Benzoic Acid	0.205	0.188		8.5	
bis(2-Chloroethoxy)methane	0.507	0.592		-16.8	
2,4-Dichlorophenol	0.291	0.293		-0.7	
1,2,4-Trichlorobenzene	0.280	0.276		1.5	
Naphthalene	0.990	1.074		-8.4	
4-Chloroaniline	0.479	0.526		-9.8	
Hexachlorobutadiene	0.143	0.130		8.8	
4-Chloro-3-methylphenol	0.382	0.424		-11.2	
2-Methylnaphthalene	0.665	0.709		-6.6	
Hexachlorocyclopentadiene	0.276	0.187	0.050	32.5	0.0
2,4,6-Trichlorophenol	0.363	0.362		0.4	
2,4,5-Trichlorophenol	0.390	0.393		-1.0	
2-Chloronaphthalene	1.126	1.195		-6.1	
2-Nitroaniline	0.499	0.577		-15.6	
Dimethylphthalate	1.352	1.486		-9.9	
Acenaphthylene	1.876	1.984		-5.7	
3-Nitroaniline	0.406	0.473		-16.6	
Acenaphthene	1.134	1.250		-10.3	
2,4-Dinitrophenol	0.192	0.181	0.050	5.6	0.0

All other compounds must meet a minimum RRF of 0.010.

SV-91

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED ANALYTICAL RESO Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971AE Calibration Date: 8/2/06 Time: 9:51

Lab File ID: E2394.D Init. Calib. Date(s): 7/20/06 7/20/06

Init. Calib. Times: 15:03 18:25

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
4-Nitrophenol	0.223	0.196	0.050	11.9	0.0
Dibenzofuran	1.586	1.721		-8.5	
2,6-Dinitrotoluene	0.386	0.417		-8.0	
2,4-Dinitrotoluene	0.519	0.562		-8.2	
Diethylphthalate	1.446	1.643		-13.6	
4-Chlorophenyl-phenylether	0.542	0.554		-2.2	
Fluorene	1.244	1.350		-8.5	
4-Nitroaniline	0.457	0.555		-21.6	
4,6-Dinitro-2-methylphenol	0.168	0.179		-6.3	
Carbazole	1.115	1.239		-11.1	
n-Nitrosodiphenylamine	0.684	0.734		-7.3	
1,2-Diphenylhydrazine	1.135	1.367		-20.4	
Azobenzene	1.135	1.367		-20.4	
4-Bromophenyl-phenylether	0.198	0.190		4.3	
Hexachlorobenzene	0.220	0.206		6.7	
Pentachlorophenol	0.150	0.134		10.8	
Phenanthrene	1.186	1.260		-6.2	
Anthracene	1.164	1.259		-8.1	
Di-n-butylphthalate	1.725	1.927		-11.7	
Fluoranthene	1.201	1.271		-5.8	
Benzidine	1.129	1.127		0.2	
Pyrene	1.641	1.720		-4.8	
Butylbenzylphthalate	1.058	1.195		-13.0	
3,3'-Dichlorobenzidine	0.457	0.516		-12.8	
Benzo[a]anthracene	1.469	1.509		-2.8	
bis(2-Ethylhexyl)phthalate	1.335	1.489		-11.5	
Chrysene	1.289	1.339		-3.9	
Di-n-octylphthalate	2.622	3.116		-18.8	
Benzo[b]fluoranthene	1.400	1.540		-10.0	
Benzo[k]fluoranthene	1.314	1.338		-1.9	
Benzo[a]pyrene	1.274	1.329		-4.3	
Indeno[1,2,3-cd]pyrene	1.325	1.285		3.1	
Dibenz[a,h]anthracene	1.129	1.104		2.2	
Benzo[g,h,i]perylene	1.074	1.033		3.8	
2-Fluorophenol	1.452	1.634		-12.5	
Phenol-d5	1.935	2.330		-20.4	
Nitrobenzene-d5	0.449	0.484		-7.9	
2-Fluorobiphenyl	1.226	1.270		-3.6	
2,4,6-Tribromophenol	0.154	0.137		11.4	

(1) Cannot be separated from Diphenylamine

All other compounds must meet a minimum RRF of 0.010.

SV-98

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971AE Calibration Date: 8/2/06 Time: 9:51

Lab File ID: E2394.D Init. Calib. Date(s): 7/20/06 7/20/06

Init. Calib. Times: 15:03 18:25

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Terphenyl-d14	1.039	1.009		2.9	

(1) Cannot be separated from Diphenylamine
All other compounds must meet a minimum RRF of 0.010.

SV-93

7B

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971AE Calibration Date: 8/3/06 Time: 11:15

Lab File ID: E2412.D Init. Calib. Date(s): 7/20/06 7/20/06

Init. Calib. Times: 15:03 18:25

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Pyridine	1.036	1.066		-2.8	
N-Nitrosodimethylamine	0.944	1.058		-12.1	
Aniline	2.718	2.975		-9.4	
Phenol	2.081	2.484	0.001	-19.4	20.0
bis(2-Chloroethyl)ether	1.673	1.959		-17.1	
2-Chlorophenol	1.529	1.699		-11.1	
1,3-Dichlorobenzene	1.529	1.584		-3.6	
1,4-Dichlorobenzene	1.536	1.608		-4.7	
Benzyl alcohol	1.538	1.709		-11.1	
1,2-Dichlorobenzene	1.421	1.485		-4.5	
2-Methylphenol	1.416	1.687		-19.1	
bis(2-chloroisopropyl)ether	2.266	2.908		-28.3	
3&4-Methylphenol	1.508	1.829		-21.3	
N-Nitroso-di-n-propylamine	1.343	1.531	0.050	-14.0	0.0
Hexachloroethane	0.665	0.672		-1.1	
Nitrobenzene	0.433	0.451		-3.9	
Isophorone	0.894	0.974		-8.9	
2-Nitrophenol	0.227	0.229		-0.8	
2,4-Dimethylphenol	0.405	0.426		-5.2	
Benzoic Acid	0.205	0.046		77.6	
bis(2-Chloroethoxy)methane	0.507	0.547		-7.8	
2,4-Dichlorophenol	0.291	0.286		1.7	
1,2,4-Trichlorobenzene	0.280	0.273		2.4	
Naphthalene	0.990	1.040		-5.0	
4-Chloroaniline	0.479	0.510		-6.6	
Hexachlorobutadiene	0.143	0.131		8.0	
4-Chloro-3-methylphenol	0.382	0.415		-8.6	
2-Methylnaphthalene	0.665	0.691		-3.8	
Hexachlorocyclopentadiene	0.276	0.182	0.050	34.0	0.0
2,4,6-Trichlorophenol	0.363	0.349		3.8	
2,4,5-Trichlorophenol	0.390	0.382		2.0	
2-Chloronaphthalene	1.126	1.158		-2.8	
2-Nitroaniline	0.499	0.539		-7.9	
Dimethylphthalate	1.352	1.486		-9.9	
Acenaphthylene	1.876	1.944		-3.6	
3-Nitroaniline	0.406	0.434		-7.0	
Acenaphthene	1.134	1.214		-7.1	
2,4-Dinitrophenol	0.192	0.106	0.050	44.7	0.0

All other compounds must meet a minimum RRF of 0.010.

SV-94

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED ANALYTICAL RESO Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971AE Calibration Date: 8/3/06 Time: 11:15

Lab File ID: E2412.D Init. Calib. Date(s): 7/20/06 7/20/06

Init. Calib. Times: 15:03 18:25

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
4-Nitrophenol	0.223	0.203	0.050	9.0	0.0
Dibenzofuran	1.586	1.682		-6.0	
2,6-Dinitrotoluene	0.386	0.412		-6.5	
2,4-Dinitrotoluene	0.519	0.544		-4.8	
Diethylphthalate	1.446	1.628		-12.6	
4-Chlorophenyl-phenylether	0.542	0.556		-2.6	
Fluorene	1.244	1.334		-7.3	
4-Nitroaniline	0.457	0.441		3.3	
4,6-Dinitro-2-methylphenol	0.168	0.144		14.8	
Carbazole	1.115	1.053		5.6	
n-Nitrosodiphenylamine	0.684	0.724		-5.9	
1,2-Diphenylhydrazine	1.135	1.304		-14.8	
Azobenzene	1.135	1.304		-14.8	
4-Bromophenyl-phenylether	0.198	0.196		0.9	
Hexachlorobenzene	0.220	0.212		3.7	
Pentachlorophenol	0.150	0.123		17.8	
Phenanthrene	1.186	1.229		-3.6	
Anthracene	1.164	1.233		-5.9	
Di-n-butylphthalate	1.725	1.889		-9.5	
Fluoranthene	1.201	1.231		-2.5	
Benzidine	1.129	0.995		11.9	
Pyrene	1.641	1.692		-3.1	
Butylbenzylphthalate	1.058	1.169		-10.5	
3,3'-Dichlorobenzidine	0.457	0.361		21.1	
Benzo[a]anthracene	1.469	1.480		-0.8	
bis(2-Ethylhexyl)phthalate	1.335	1.456		-9.0	
Chrysene	1.289	1.289		0.0	
Di-n-octylphthalate	2.622	3.009		-14.8	
Benzo[b]fluoranthene	1.400	1.479		-5.6	
Benzo[k]fluoranthene	1.314	1.327		-1.0	
Benzo[a]pyrene	1.274	1.299		-2.0	
Indeno[1,2,3-cd]pyrene	1.325	1.272		4.0	
Dibenz[a,h]anthracene	1.129	1.092		3.2	
Benzo[g,h,i]perylene	1.074	1.021		5.0	
2-Fluorophenol	1.452	1.488		-2.4	
Phenol-d5	1.935	2.134		-10.3	
Nitrobenzene-d5	0.449	0.452		-0.8	
2-Fluorobiphenyl	1.226	1.248		-1.8	
2,4,6-Tribromophenol	0.154	0.145		5.8	

(1) Cannot be separated from Diphenylamine

All other compounds must meet a minimum RRF of 0.010.

SV-95

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971AE Calibration Date: 8/3/06 Time: 11:15

Lab File ID: E2412.D Init. Calib. Date(s): 7/20/06 7/20/06

Init. Calib. Times: 15:03 18:25

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Terphenyl-d14	1.039	1.020		1.8	

(1) Cannot be separated from Diphenylamine
All other compounds must meet a minimum RRF of 0.010.

SV-96

7B

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED ANALYTICAL RESO Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971AE Calibration Date: 8/4/06 Time: 14:02

Lab File ID: E2429.D Init. Calib. Date(s): 7/20/06 7/20/06

Init. Calib. Times: 15:03 18:25

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Pyridine	1.036	1.103		-6.4	
N-Nitrosodimethylamine	0.944	1.120		-18.7	
Aniline	2.718	3.168		-16.6	
Phenol	2.081	2.472	0.001	-18.8	20.0
bis(2-Chloroethyl)ether	1.673	2.000		-19.5	
2-Chlorophenol	1.529	1.752		-14.6	
1,3-Dichlorobenzene	1.529	1.655		-8.2	
1,4-Dichlorobenzene	1.536	1.642		-6.9	
Benzyl alcohol	1.538	1.764		-14.7	
1,2-Dichlorobenzene	1.421	1.531		-7.8	
2-Methylphenol	1.416	1.628		-15.0	
bis(2-chloroisopropyl)ether	2.266	2.776		-22.5	
3&4-Methylphenol	1.508	1.765		-17.0	
N-Nitroso-di-n-propylamine	1.343	1.513	0.050	-12.6	0.0
Hexachloroethane	0.665	0.759		-14.2	
Nitrobenzene	0.433	0.479		-10.4	
Isophorone	0.894	1.048		-17.2	
2-Nitrophenol	0.227	0.247		-8.7	
2,4-Dimethylphenol	0.405	0.448		-10.6	
Benzoic Acid	0.205	0.102		50.4	
bis(2-Chloroethoxy)methane	0.507	0.567		-11.8	
2,4-Dichlorophenol	0.291	0.304		-4.6	
1,2,4-Trichlorobenzene	0.280	0.293		-4.8	
Naphthalene	0.990	1.058		-6.8	
4-Chloroaniline	0.479	0.534		-11.5	
Hexachlorobutadiene	0.143	0.149		-4.4	
4-Chloro-3-methylphenol	0.382	0.425		-11.4	
2-Methylnaphthalene	0.665	0.703		-5.7	
Hexachlorocyclopentadiene	0.276	0.211	0.050	23.8	0.0
2,4,6-Trichlorophenol	0.363	0.379		-4.3	
2,4,5-Trichlorophenol	0.390	0.407		-4.6	
2-Chloronaphthalene	1.126	1.199		-6.4	
2-Nitroaniline	0.499	0.575		-15.1	
Dimethylphthalate	1.352	1.427		-5.6	
Acenaphthylene	1.876	1.860		0.9	
3-Nitroaniline	0.406	0.452		-11.5	
Acenaphthene	1.134	1.206		-6.4	
2,4-Dinitrophenol	0.192	0.164	0.050	14.6	0.0

All other compounds must meet a minimum RRF of 0.010.

SV-97

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED ANALYTICAL RESO Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971AE Calibration Date: 8/4/06 Time: 14:02

Lab File ID: E2429.D Init. Calib. Date(s): 7/20/06 7/20/06

Init. Calib. Times: 15:03 18:25

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
4-Nitrophenol	0.223	0.240	0.050	-8.0	0.0
Dibenzofuran	1.586	1.719		-8.4	
2,6-Dinitrotoluene	0.386	0.426		-10.3	
2,4-Dinitrotoluene	0.519	0.583		-12.3	
Diethylphthalate	1.446	1.568		-8.4	
4-Chlorophenyl-phenylether	0.542	0.580		-7.0	
Fluorene	1.244	1.307		-5.1	
4-Nitroaniline	0.457	0.536		-17.4	
4,6-Dinitro-2-methylphenol	0.168	0.167		0.6	
Carbazole	1.115	1.172		-5.1	
n-Nitrosodiphenylamine	0.684	0.714		-4.3	
1,2-Diphenylhydrazine	1.135	1.263		-11.3	
Azobenzene	1.135	1.263		-11.3	
4-Bromophenyl-phenylether	0.198	0.210		-6.0	
Hexachlorobenzene	0.220	0.233		-5.5	
Pentachlorophenol	0.150	0.147		2.1	
Phenanthrene	1.186	1.265		-6.7	
Anthracene	1.164	1.258		-8.1	
Di-n-butylphthalate	1.725	1.895		-9.9	
Fluoranthene	1.201	1.296		-7.9	
Benzidine	1.129	1.051		6.9	
Pyrene	1.641	1.693		-3.1	
Butylbenzylphthalate	1.058	1.133		-7.1	
3,3'-Dichlorobenzidine	0.457	0.501		-9.7	
Benzo[a]anthracene	1.469	1.516		-3.3	
bis(2-Ethylhexyl)phthalate	1.335	1.380		-3.3	
Chrysene	1.289	1.321		-2.5	
Di-n-octylphthalate	2.622	3.094		-18.0	
Benzo[b]fluoranthene	1.400	1.508		-7.7	
Benzo[k]fluoranthene	1.314	1.505		-14.6	
Benzo[a]pyrene	1.274	1.344		-5.5	
Indeno[1,2,3-cd]pyrene	1.325	1.281		3.3	
Dibenz[a,h]anthracene	1.129	1.111		1.5	
Benzo[g,h,i]perylene	1.074	1.009		6.1	
2-Fluorophenol	1.452	1.629		-12.1	
Phenol-d5	1.935	2.233		-15.4	
Nitrobenzene-d5	0.449	0.494		-10.1	
2-Fluorobiphenyl	1.226	1.278		-4.2	
2,4,6-Tribromophenol	0.154	0.168		-8.8	

(1) Cannot be separated from Diphenylamine

All other compounds must meet a minimum RRF of 0.010.

SV-98

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED ANALYTICAL RESO Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971AE Calibration Date: 8/4/06 Time: 14:02

Lab File ID: E2429.D Init. Calib. Date(s): 7/20/06 7/20/06

Init. Calib. Times: 15:03 18:25

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Terphenyl-d14	1.039	1.052		-1.3	

(1) Cannot be separated from Diphenylamine

All other compounds must meet a minimum RRF of 0.010.

SV-99

Quantitation Report

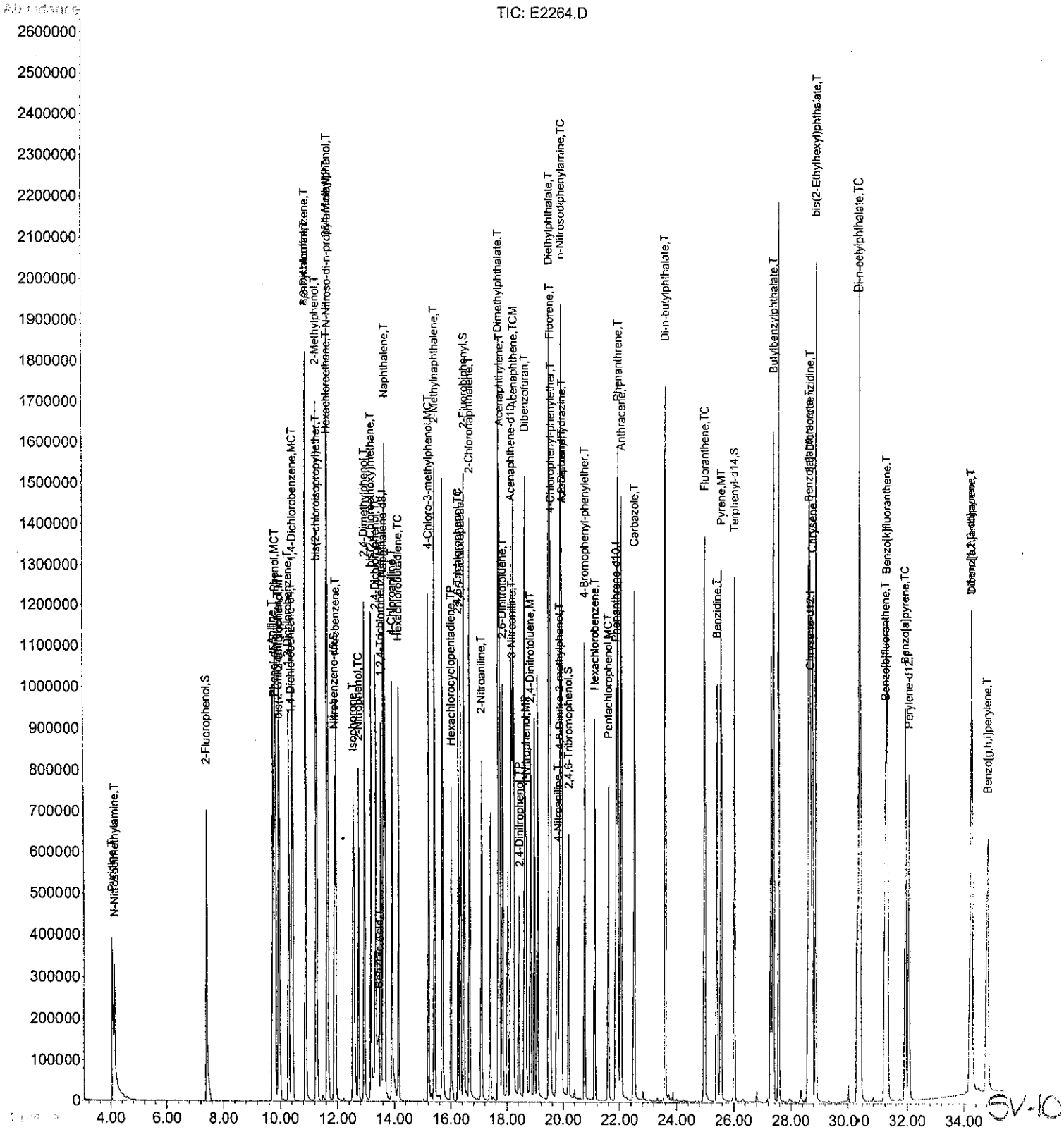
Data File : D:\E\DATA\JUL06\E0720\E2264.D
Acq On : 20 Jul 2006 3:03 pm
Sample : SSTD050
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 7:20 2006

Vial: 25
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Mon Aug 14 12:53:56 2006
Response via : Initial Calibration

TIC: E2264.D



SV-10

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\JUL06\E0720\E2264.D
Acq On : 20 Jul 2006 3:03 pm
Sample : SSTD050
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 7:20 2006

Vial: 25
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Jul 21 07:13:38 2006
Response via : Initial Calibration
DataAcq Meth : SVE80701

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.39	152	290520	40.00 ul/l	0.12
19) Naphthalene-d8	13.61	136	1254078	40.00 ul/l	0.12
34) Acenaphthene-d10	18.15	164	690044	40.00 ul/l	0.13
55) Phenanthrene-d10	21.89	188	1063014	40.00 ul/l	0.13
68) Chrysene-d12	28.69	240	754819	40.00 ul/l	0.14
77) Perylene-d12	32.07	264	752951	40.00 ul/l	0.15
System Monitoring Compounds					
4) 2-Fluorophenol	7.40	112	532555	50.49 ul/l	0.12
Spiked Amount 200.000	Range 21 - 100		Recovery = 25.25%		
6) Phenol-d5	9.80	99	723605	51.50 ul/l	0.11
Spiked Amount 200.000	Range 10 - 94		Recovery = 25.75%		
20) Nitrobenzene-d5	11.89	82	711588	50.58 ul/l	0.13
Spiked Amount 100.000	Range 35 - 114		Recovery = 50.58%		
38) 2-Fluorobiphenyl	16.46	172	1068935	50.54 ul/l	0.12
Spiked Amount 100.000	Range 43 - 116		Recovery = 50.54%		
54) 2,4,6-Tribromophenol	20.19	330	127226	47.84 ul/l	0.13
Spiked Amount 200.000	Range 10 - 123		Recovery = 23.92%		
71) Terphenyl-d14	26.03	244	997311	50.87 ul/l	0.13
Spiked Amount 100.000	Range 33 - 141		Recovery = 50.87%		
Target Compounds					Qvalue
2) Pyridine	4.05	79	424272m	56.36 ul/l	
3) N-Nitrosodimethylamine	4.14	74	371083	54.13 ul/l #	66
5) Aniline	9.73	93	972332	49.25 ul/l	84
7) Phenol	9.83	94	782082	51.75 ul/l	80
8) bis(2-Chloroethyl)ether	9.94	93	636216	52.36 ul/l #	77
9) 2-Chlorophenol	9.97	128	564564	50.85 ul/l #	81
10) 1,3-Dichlorobenzene	10.29	146	563857	50.78 ul/l	99
11) 1,4-Dichlorobenzene	10.43	146	569723	51.08 ul/l	99
12) Benzyl alcohol	10.89	79	535243	47.93 ul/l #	81
13) 1,2-Dichlorobenzene	10.89	146	515659	49.98 ul/l	99
14) 2-Methylphenol	11.25	108	543373	52.83 ul/l	97
15) bis(2-chloroisopropyl)ethe	11.27	45	932153	56.65 ul/l	67
16) 3&4-Methylphenol	11.65	108	535363	48.89 ul/l	97
17) N-Nitroso-di-n-propylamine	11.66	70	471994	48.40 ul/l	78
18) Hexachloroethane	11.63	117	230229	47.67 ul/l	99
21) Nitrobenzene	11.94	77	691641	50.89 ul/l	84
22) Isophorone	12.55	82	1453494	51.83 ul/l	92
23) 2-Nitrophenol	12.74	139	364560	51.25 ul/l	74
24) 2,4-Dimethylphenol	12.94	107	633839	49.90 ul/l	91
25) Benzoic Acid	13.46	122	309408	48.08 ul/l #	84
26) bis(2-Chloroethoxy)methane	13.18	93	817268	51.42 ul/l	98
27) 2,4-Dichlorophenol	13.34	162	452578	49.63 ul/l	95
28) 1,2,4-Trichlorobenzene	13.53	180	436045	49.69 ul/l	98
29) Naphthalene	13.66	128	1603414	51.64 ul/l	100
30) 4-Chloroaniline	13.93	127	777059	51.77 ul/l	99
31) Hexachlorobutadiene	14.15	225	217328	48.62 ul/l	99
32) 4-Chloro-3-methylphenol	15.21	107	601295	50.23 ul/l	85
33) 2-Methylnaphthalene	15.43	142	1055625	50.60 ul/l	98
35) Hexachlorocyclopentadiene	16.02	237	235396	49.37 ul/l	99

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

SV-101

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\JUL06\E0720\E2264.D
Acq On : 20 Jul 2006 3:03 pm
Sample : SSTD050
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 7:20 2006

Vial: 25
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Jul 21 07:13:38 2006
Response via : Initial Calibration
DataAcq Meth : SVE80701

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
36)	2,4,6-Trichlorophenol	16.26	196	310210	49.54 ul/l		100
37)	2,4,5-Trichlorophenol	16.35	196	337691	50.25 ul/l		97
39)	2-Chloronaphthalene	16.67	162	988543	50.88 ul/l		96
40)	2-Nitroaniline	17.09	65	431472	50.07 ul/l	#	67
41)	Dimethylphthalate	17.69	163	1211428	51.94 ul/l		100
42)	Acenaphthylene	17.74	152	1717491	53.06 ul/l		99
43)	3-Nitroaniline	18.19	138	377658	53.94 ul/l	#	78
44)	Acenaphthene	18.24	153	1004636	51.36 ul/l		97
45)	2,4-Dinitrophenol	18.44	184	161550	48.80 ul/l		81
46)	4-Nitrophenol	18.67	109	183527	47.81 ul/l	#	31
47)	Dibenzofuran	18.64	168	1381430	50.49 ul/l	#	63
48)	2,6-Dinitrotoluene	17.84	165	335592	50.35 ul/l		87
49)	2,4-Dinitrotoluene	18.83	165	451195	50.36 ul/l		80
50)	Diethylphthalate	19.49	149	1333738	53.47 ul/l		98
51)	4-Chlorophenyl-phenylether	19.55	204	479004	51.26 ul/l		91
52)	Fluorene	19.52	166	1108374	51.66 ul/l		99
53)	4-Nitroaniline	19.81	138	411482	52.25 ul/l		79
56)	4,6-Dinitro-2-methylphenol	19.88	198	243027	54.29 ul/l		100
57)	Carbazole	22.52	167	1507878	50.88 ul/l		96
58)	n-Nitrosodiphenylamine	19.92	169	958436	52.72 ul/l		98
59)	1,2-Diphenylhydrazine	19.96	77	1655921	54.88 ul/l	#	56
60)	Azobenzene	19.96	77	1655921	54.88 ul/l	#	56
61)	4-Bromophenyl-phenylether	20.78	248	258584	49.12 ul/l		96
62)	Hexachlorobenzene	21.13	284	286362	48.90 ul/l		91
63)	Pentachlorophenol	21.62	266	194679	48.88 ul/l		99
64)	Phenanthrene	21.95	178	1587583	50.38 ul/l		99
65)	Anthracene	22.06	178	1562997	50.53 ul/l		100
66)	Di-n-butylphthalate	23.61	149	2360624	51.50 ul/l		99
67)	Fluoranthene	25.00	202	1588821	49.78 ul/l		99
69)	Benzidine	25.42	184	1109513	52.07 ul/l		100
70)	Pyrene	25.57	202	1593500	51.45 ul/l		99
72)	Butylbenzylphthalate	27.39	149	1057293	52.96 ul/l		86
73)	3,3'-Dichlorobenzidine	28.66	252	395087	45.78 ul/l		98
74)	Benzo[a]anthracene	28.63	228	1387633	50.07 ul/l		100
75)	bis(2-Ethylhexyl)phthalate	28.88	149	1306747	51.86 ul/l		99
76)	Chrysene	28.76	228	1217026	50.05 ul/l		99
78)	Di-n-octylphthalate	30.35	149	2519653	51.05 ul/l		99
79)	Benzo[b]fluoranthene	31.25	252	1459555	55.38 ul/l		90
80)	Benzo[k]fluoranthene	31.30	252	1017404m	41.15 ul/l		
81)	Benzo[a]pyrene	31.95	252	1172182	48.89 ul/l		92
82)	Indeno[1,2,3-cd]pyrene	34.28	276	1202578	48.22 ul/l	#	57
83)	Dibenz[a,h]anthracene	34.30	278	1023417	48.18 ul/l	#	79
84)	Benzo[g,h,i]perylene	34.86	276	972613	48.09 ul/l	#	77

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

SV-102

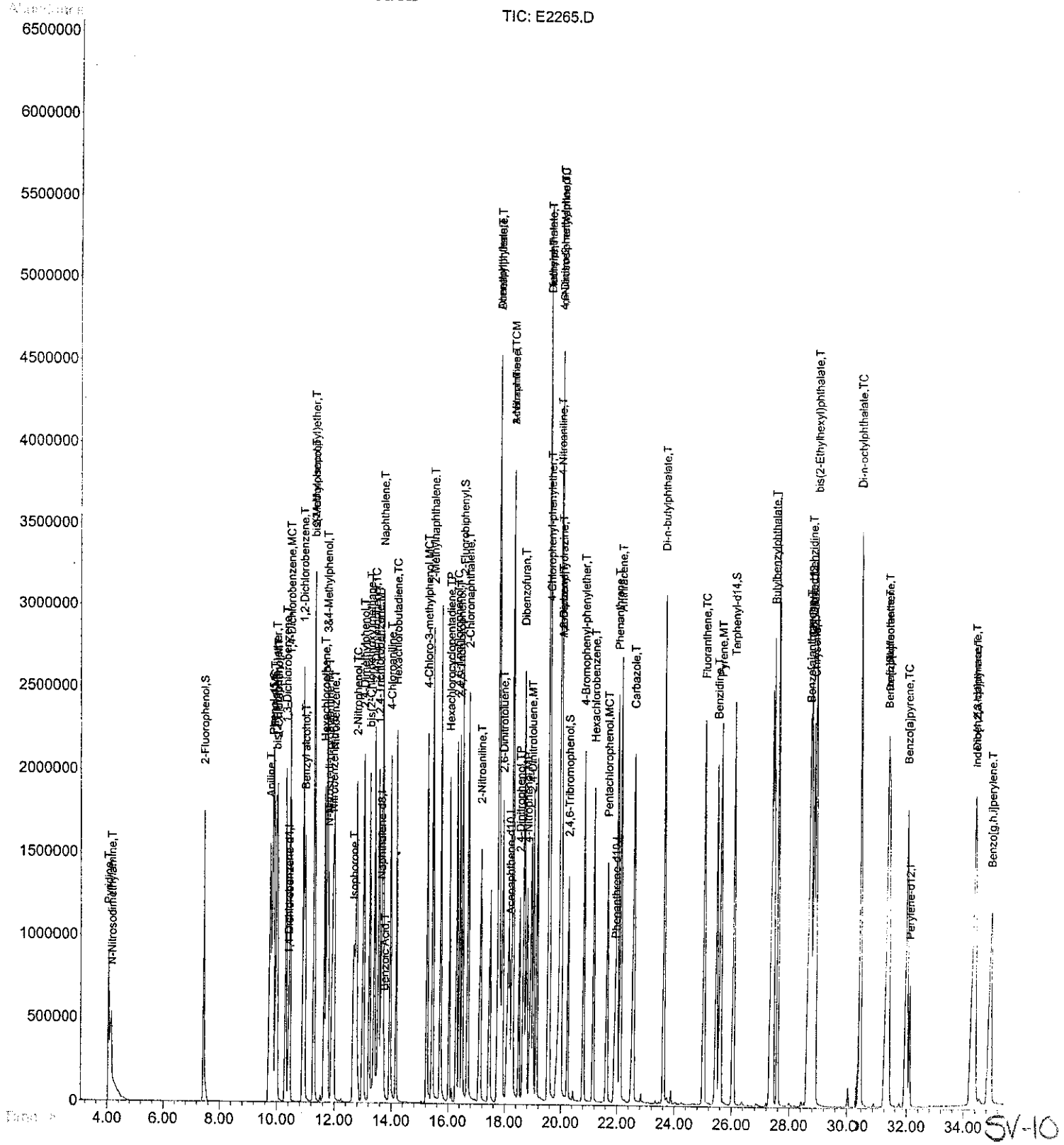
Quantitation Report

Data File : D:\E\DATA\JUL06\E0720\E2265.D
Acq On : 20 Jul 2006 4:11 pm
Sample : SSTD160
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 7:09 2006

Vial: 26
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80701.RES

Method : D:\E\METHODS\SVE80701.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Mon Jul 10 13:46:22 2006
Response via : Initial Calibration



SV-10

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\JUL06\E0720\E2265.D
Acq On : 20 Jul 2006 4:11 pm
Sample : SSTD160
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 7:09 2006

Vial: 26
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80701.RES

Quant Method : D:\E\METHODS\SVE80701.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Mon Jul 10 13:46:22 2006
Response via : Initial Calibration
DataAcq Meth : SVE80701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.40	152	243550	40.00	ul/l	0.13
19) Naphthalene-d8	13.63	136	1060844	40.00	ul/l	0.14
34) Acenaphthene-d10	18.16	164	582164	40.00	ul/l	0.14
55) Phenanthrene-d10	21.92	188	867777	40.00	ul/l	0.16
68) Chrysene-d12	28.74	240	644898	40.00	ul/l	0.19
77) Perylene-d12	32.11	264	617355	40.00	ul/l	0.18
System Monitoring Compounds						
4) 2-Fluorophenol	7.44	112	1412869	175.12	ul/l	0.16
Spiked Amount 200.000	Range 21 - 100		Recovery = 87.56%			
6) Phenol-d5	9.86	99	1787830	169.97	ul/l	0.17
Spiked Amount 200.000	Range 10 - 94		Recovery = 84.98%			
20) Nitrobenzene-d5	11.93	82	1786609	152.96	ul/l	0.17
Spiked Amount 100.000	Range 35 - 114		Recovery = 152.96%#			
38) 2-Fluorobiphenyl	16.50	172	2658798	154.59	ul/l	0.16
Spiked Amount 100.000	Range 43 - 116		Recovery = 154.59%#			
54) 2,4,6-Tribromophenol	20.26	330	371334	168.79	ul/l	0.19
Spiked Amount 200.000	Range 10 - 123		Recovery = 84.39%			
71) Terphenyl-d14	26.07	244	2630858	175.17	ul/l	0.17
Spiked Amount 100.000	Range 33 - 141		Recovery = 175.17%#			
Target Compounds						Qvalue
2) Pyridine	4.05	79	1015216m	174.72	ul/l	
3) N-Nitrosodimethylamine	4.16	74	895168	171.82	ul/l #	59
5) Aniline	9.76	93	2609969	172.60	ul/l	85
7) Phenol	9.90	94	1861715	162.18	ul/l	71
8) bis(2-Chloroethyl)ether	9.97	93	1467495	163.26	ul/l #	75
9) 2-Chlorophenol	10.01	128	1398788	163.68	ul/l	83
10) 1,3-Dichlorobenzene	10.31	146	1375522	157.44	ul/l	98
11) 1,4-Dichlorobenzene	10.45	146	1375118	154.15	ul/l	98
12) Benzyl alcohol	10.97	79	1477321	158.64	ul/l #	79
13) 1,2-Dichlorobenzene	10.90	146	1291068	156.76	ul/l	99
14) 2-Methylphenol	11.30	108	1221550	151.37	ul/l	97
15) bis(2-chloroisopropyl)ethe	11.29	45	1758143	142.06	ul/l #	48
16) 3&4-Methylphenol	11.73	108	1391914	162.99	ul/l	97
17) N-Nitroso-di-n-propylamine	11.78	70	1240202	157.70	ul/l	77
18) Hexachloroethane	11.65	117	613906	153.38	ul/l	99
21) Nitrobenzene	11.98	77	1667640	147.23	ul/l	82
22) Isophorone	12.66	82	3111889	133.70	ul/l	99
23) 2-Nitrophenol	12.77	139	906089	165.63	ul/l #	67
24) 2,4-Dimethylphenol	13.02	107	1645686	153.04	ul/l	89
25) Benzoic Acid	13.74	122	964253m	172.86	ul/l	
26) bis(2-Chloroethoxy)methane	13.23	93	1946203	155.62	ul/l	99
27) 2,4-Dichlorophenol	13.41	162	1187092	162.14	ul/l	95
28) 1,2,4-Trichlorobenzene	13.54	180	1126291	158.03	ul/l	99
29) Naphthalene	13.70	128	3759580	151.39	ul/l	99
30) 4-Chloroaniline	13.97	127	1904776	159.44	ul/l	99
31) Hexachlorobutadiene	14.17	225	583467	147.55	ul/l	99
32) 4-Chloro-3-methylphenol	15.26	107	1519048	153.04	ul/l	85
33) 2-Methylnaphthalene	15.46	142	2602322	153.93	ul/l	99
35) Hexachlorocyclopentadiene	16.03	237	673079	164.53	ul/l	99

(#) = qualifier out of range (m) = manual integration
E2265.D SVE80701.M Fri Aug 18 11:12:28 2006

SV-104

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\JUL06\E0720\E2265.D
Acq On : 20 Jul 2006 4:11 pm
Sample : SSTD160
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 7:09 2006

Vial: 26
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80701.RES

Quant Method : D:\E\METHODS\SVE80701.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Mon Jul 10 13:46:22 2006
Response via : Initial Calibration
DataAcq Meth : SVE80701

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
36)	2,4,6-Trichlorophenol	16.30	196	826624	162.78 ul/l		100
37)	2,4,5-Trichlorophenol	16.40	196	859747	157.99 ul/l		98
39)	2-Chloronaphthalene	16.71	162	2415636	153.17 ul/l		95
40)	2-Nitroaniline	17.15	65	1114839	154.18 ul/l	#	66
41)	Dimethylphthalate	17.79	163	2740539	142.38 ul/l		99
42)	Acenaphthylene	17.78	152	3781984	142.24 ul/l		100
43)	3-Nitroaniline	18.28	138	829255	148.80 ul/l		84
44)	Acenaphthene	18.28	153	2375582	149.15 ul/l		97
45)	2,4-Dinitrophenol	18.52	184	507942	225.28 ul/l		76
46)	4-Nitrophenol	18.78	109	514003	139.54 ul/l	#	58
47)	Dibenzofuran	18.68	168	3406116	156.39 ul/l		98
48)	2,6-Dinitrotoluene	17.92	165	846525	163.46 ul/l		87
49)	2,4-Dinitrotoluene	18.94	165	1155698	168.85 ul/l		78
50)	Diethylphthalate	19.56	149	2802394	132.89 ul/l		99
51)	4-Chlorophenyl-phenylether	19.59	204	1135543	145.79 ul/l		94
52)	Fluorene	19.57	166	2538679	142.65 ul/l		99
53)	4-Nitroaniline	19.96	138	928731	146.97 ul/l	#	69
56)	4,6-Dinitro-2-methylphenol	19.99	198	569289	181.90 ul/l		100
57)	Carbazole	22.58	167	3520055	151.62 ul/l		95
58)	n-Nitrosodiphenylamine	20.00	169	2107298	148.23 ul/l		98
59)	1,2-Diphenylhydrazine	20.01	77	3286220	134.42 ul/l	#	40
60)	Azobenzene	20.01	77	3286220	134.42 ul/l	#	40
61)	4-Bromophenyl-phenylether	20.82	248	686177	165.13 ul/l		98
62)	Hexachlorobenzene	21.18	284	775162	165.59 ul/l		86
63)	Pentachlorophenol	21.66	266	548887	177.59 ul/l		100
64)	Phenanthrene	22.00	178	3864275	159.00 ul/l		98
65)	Anthracene	22.13	178	3760243	155.07 ul/l		99
66)	Di-n-butylphthalate	23.64	149	5400001	147.58 ul/l		98
67)	Fluoranthene	25.05	202	3957090	158.82 ul/l		89
69)	Benzidine	25.48	184	2800719	176.48 ul/l		100
70)	Pyrene	25.62	202	3966094	169.13 ul/l		88
72)	Butylbenzylphthalate	27.44	149	2359993	151.89 ul/l		88
73)	3,3'-Dichlorobenzidine	28.75	252	1251827	166.58 ul/l		95
74)	Benzo[a]anthracene	28.69	228	3667155	171.51 ul/l		100
75)	bis(2-Ethylhexyl)phthalate	28.92	149	2991537	153.75 ul/l		99
76)	Chrysene	28.84	228	3228483	170.07 ul/l		99
78)	Di-n-octylphthalate	30.38	149	5902719	112.60 ul/l		100
79)	Benzo[b]fluoranthene	31.33	252	3584954m	123.95 ul/l		
80)	Benzo[k]fluoranthene	31.35	252	3281159m	124.28 ul/l		
81)	Benzo[a]pyrene	32.02	252	3220707	123.57 ul/l		86
82)	Indeno[1,2,3-cd]pyrene	34.42	276	3404050	124.83 ul/l	#	46
83)	Dibenz[a,h]anthracene	34.41	278	2920029	125.68 ul/l	#	75
84)	Benzo[g,h,i]perylene	34.97	276	2761957	125.70 ul/l	#	67

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

Quantitation Report

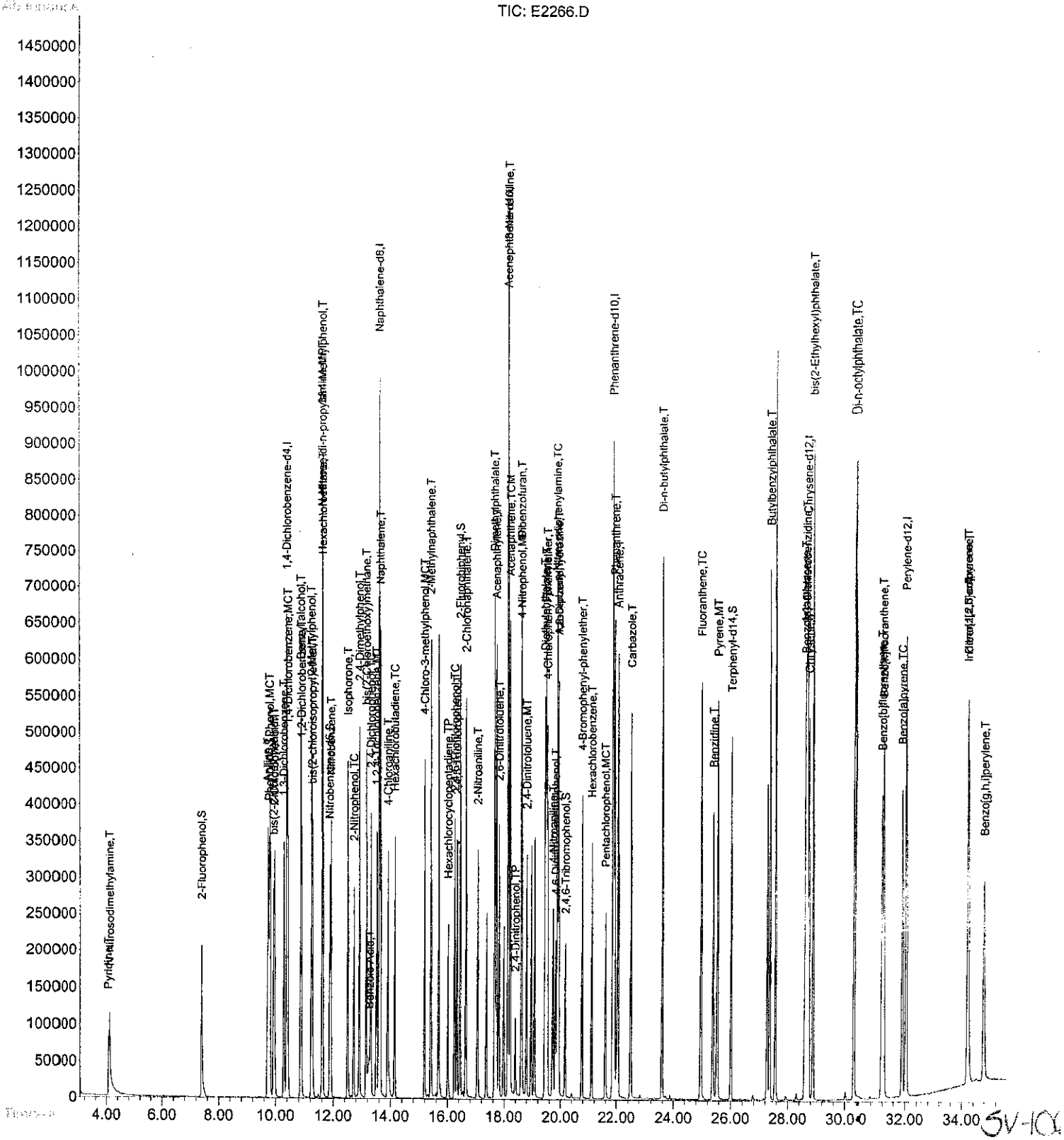
Data File : D:\E\DATA\JUL06\E0720\E2266.D
Acq On : 20 Jul 2006 4:56 pm
Sample : SSTD020
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 7:10 2006

Vial: 27
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80701.RES

Method : D:\E\METHODS\SVE80701.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Mon Jul 10 13:46:22 2006
Response via : Initial Calibration

TIC: E2266.D



SV-10

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\JUL06\E0720\E2266.D
Acq On : 20 Jul 2006 4:56 pm
Sample : SSTD020
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 7:10 2006

Vial: 27
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80701.RES

Quant Method : D:\E\METHODS\SVE80701.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Mon Jul 10 13:46:22 2006
Response via : Initial Calibration
DataAcq Meth : SVE80701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.38	152	228099	40.00	ul/l	0.11
19) Naphthalene-d8	13.60	136	991259	40.00	ul/l	0.11
34) Acenaphthene-d10	18.13	164	528404	40.00	ul/l	0.11
55) Phenanthrene-d10	21.87	188	823410	40.00	ul/l	0.11
68) Chrysene-d12	28.66	240	599231	40.00	ul/l	0.11
77) Perylene-d12	32.05	264	604711	40.00	ul/l	0.13
System Monitoring Compounds						
4) 2-Fluorophenol	7.39	112	161266	21.34	ul/l	0.11
Spiked Amount 200.000	Range 21 - 100		Recovery = 10.67%#			
6) Phenol-d5	9.77	99	232963	23.65	ul/l	0.08
Spiked Amount 200.000	Range 10 - 94		Recovery = 11.82%			
20) Nitrobenzene-d5	11.86	82	233260	21.37	ul/l	0.10
Spiked Amount 100.000	Range 35 - 114		Recovery = 21.37%#			
38) 2-Fluorobiphenyl	16.44	172	363365	23.28	ul/l	0.10
Spiked Amount 100.000	Range 43 - 116		Recovery = 23.28%#			
54) 2,4,6-Tribromophenol	20.17	330	37686	18.87	ul/l	0.11
Spiked Amount 200.000	Range 10 - 123		Recovery = 9.44%#			
71) Terphenyl-d14	26.01	244	325733	23.34	ul/l	0.11
Spiked Amount 100.000	Range 33 - 141		Recovery = 23.34%#			
Target Compounds						Qvalue
2) Pyridine	4.07	79	93485m	17.18	ul/l	
3) N-Nitrosodimethylamine	4.12	74	105022	21.52	ul/l #	60
5) Aniline	9.71	93	321405	22.70	ul/l	86
7) Phenol	9.79	94	264627	24.61	ul/l	81
8) bis(2-Chloroethyl)ether	9.92	93	218608	25.97	ul/l #	76
9) 2-Chlorophenol	9.95	128	188234	23.52	ul/l #	81
10) 1,3-Dichlorobenzene	10.28	146	191294	23.38	ul/l	98
11) 1,4-Dichlorobenzene	10.42	146	197381	23.63	ul/l	97
12) Benzyl alcohol	10.86	79	185932	21.32	ul/l #	81
13) 1,2-Dichlorobenzene	10.88	146	184433	23.91	ul/l	99
14) 2-Methylphenol	11.23	108	188839	24.98	ul/l	97
15) bis(2-chloroisopropyl)ethe	11.26	45	335184	28.92	ul/l	70
16) 3&4-Methylphenol	11.62	108	197352	24.67	ul/l	97
17) N-Nitroso-di-n-propylamine	11.61	70	169908	23.07	ul/l	77
18) Hexachloroethane	11.63	117	83885	22.38	ul/l	94
21) Nitrobenzene	11.91	77	234312	22.14	ul/l	82
22) Isophorone	12.51	82	471962	21.70	ul/l	92
23) 2-Nitrophenol	12.72	139	118249	23.13	ul/l	74
24) 2,4-Dimethylphenol	12.92	107	209744	20.87	ul/l	92
25) Benzoic Acid	13.27	122	65205	12.51	ul/l #	79
26) bis(2-Chloroethoxy)methane	13.15	93	283686	24.28	ul/l	99
27) 2,4-Dichlorophenol	13.31	162	149921	21.91	ul/l	95
28) 1,2,4-Trichlorobenzene	13.51	180	148733	22.33	ul/l	98
29) Naphthalene	13.64	128	578787	24.94	ul/l	99
30) 4-Chloroaniline	13.91	127	247383	22.16	ul/l	98
31) Hexachlorobutadiene	14.14	225	74105	20.06	ul/l	100
32) 4-Chloro-3-methylphenol	15.20	107	202138	21.79	ul/l	85
33) 2-Methylnaphthalene	15.41	142	371599	23.52	ul/l	98
35) Hexachlorocyclopentadiene	16.01	237	68094	18.34	ul/l	100

(#) = qualifier out of range (m) = manual integration
E2266.D SVE80701.M Fri Aug 18 11:12:41 2006

SV-109

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\JUL06\E0720\E2266.D
Acq On : 20 Jul 2006 4:56 pm
Sample : SSTD020
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 7:10 2006

Vial: 27
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80701.RES

Quant Method : D:\E\METHODS\SVE80701.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Mon Jul 10 13:46:22 2006
Response via : Initial Calibration
DataAcq Meth : SVE80701

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
36)	2,4,6-Trichlorophenol	16.25	196	100786	21.87 ul/l		100
37)	2,4,5-Trichlorophenol	16.33	196	108245	21.92 ul/l		98
39)	2-Chloronaphthalene	16.65	162	340659	23.80 ul/l		95
40)	2-Nitroaniline	17.06	65	141374	21.54 ul/l	#	66
41)	Dimethylphthalate	17.65	163	433610	24.82 ul/l		99
42)	Acenaphthylene	17.72	152	609722	25.26 ul/l		98
43)	3-Nitroaniline	18.14	138	120291	23.78 ul/l	#	74
44)	Acenaphthene	18.21	153	351894	24.34 ul/l		97
45)	2,4-Dinitrophenol	18.39	184	30727	15.01 ul/l		81
46)	4-Nitrophenol	18.62	109	57946	17.33 ul/l	#	24
47)	Dibenzofuran	18.61	168	474211	23.99 ul/l	#	67
48)	2,6-Dinitrotoluene	17.81	165	110630	23.54 ul/l		87
49)	2,4-Dinitrotoluene	18.79	165	143024	23.02 ul/l		77
50)	Diethylphthalate	19.45	149	460848	24.08 ul/l		97
51)	4-Chlorophenyl-phenylether	19.53	204	163557	23.13 ul/l		88
52)	Fluorene	19.49	166	396845	24.57 ul/l		100
53)	4-Nitroaniline	19.72	138	128629	22.43 ul/l		79
56)	4,6-Dinitro-2-methylphenol	19.82	198	62376	21.00 ul/l		100
57)	Carbazole	22.51	167	529995	24.06 ul/l		96
58)	n-Nitrosodiphenylamine	19.88	169	338519	25.09 ul/l		97
59)	1,2-Diphenylhydrazine	19.93	77	586302	25.27 ul/l		97
60)	Azobenzene	19.93	77	586302	25.27 ul/l		97
61)	4-Bromophenyl-phenylether	20.76	248	83958	21.29 ul/l		93
62)	Hexachlorobenzene	21.10	284	90499	20.37 ul/l		96
63)	Pentachlorophenol	21.59	266	55074	18.78 ul/l		100
64)	Phenanthrene	21.93	178	554079	24.03 ul/l		100
65)	Anthracene	22.04	178	547675	23.80 ul/l		99
66)	Di-n-butylphthalate	23.59	149	839230	24.17 ul/l		99
67)	Fluoranthene	24.97	202	544026	23.01 ul/l		95
69)	Benzidine	25.39	184	361249	24.50 ul/l		100
70)	Pyrene	25.54	202	549986	25.24 ul/l		95
72)	Butylbenzylphthalate	27.37	149	387080	26.81 ul/l		87
73)	3,3'-Dichlorobenzidine	28.63	252	118796	17.01 ul/l		97
74)	Benzo[a]anthracene	28.60	228	468011	23.56 ul/l		99
75)	bis(2-Ethylhexyl)phthalate	28.86	149	499151	27.61 ul/l		98
76)	Chrysene	28.72	228	405843	23.01 ul/l		99
78)	Di-n-octylphthalate	30.33	149	947486	18.45 ul/l		99
79)	Benzo[b]fluoranthene	31.20	252	420920m	14.86 ul/l		
80)	Benzo[k]fluoranthene	31.25	252	406505	15.72 ul/l		95
81)	Benzo[a]pyrene	31.90	252	384912	15.08 ul/l		96
82)	Indeno[1,2,3-cd]pyrene	34.22	276	382228	14.31 ul/l	#	69
83)	Dibenz[a,h]anthracene	34.23	278	319167	14.02 ul/l		87
84)	Benzo[g,h,i]perylene	34.79	276	320073	14.87 ul/l		85

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

Quantitation Report

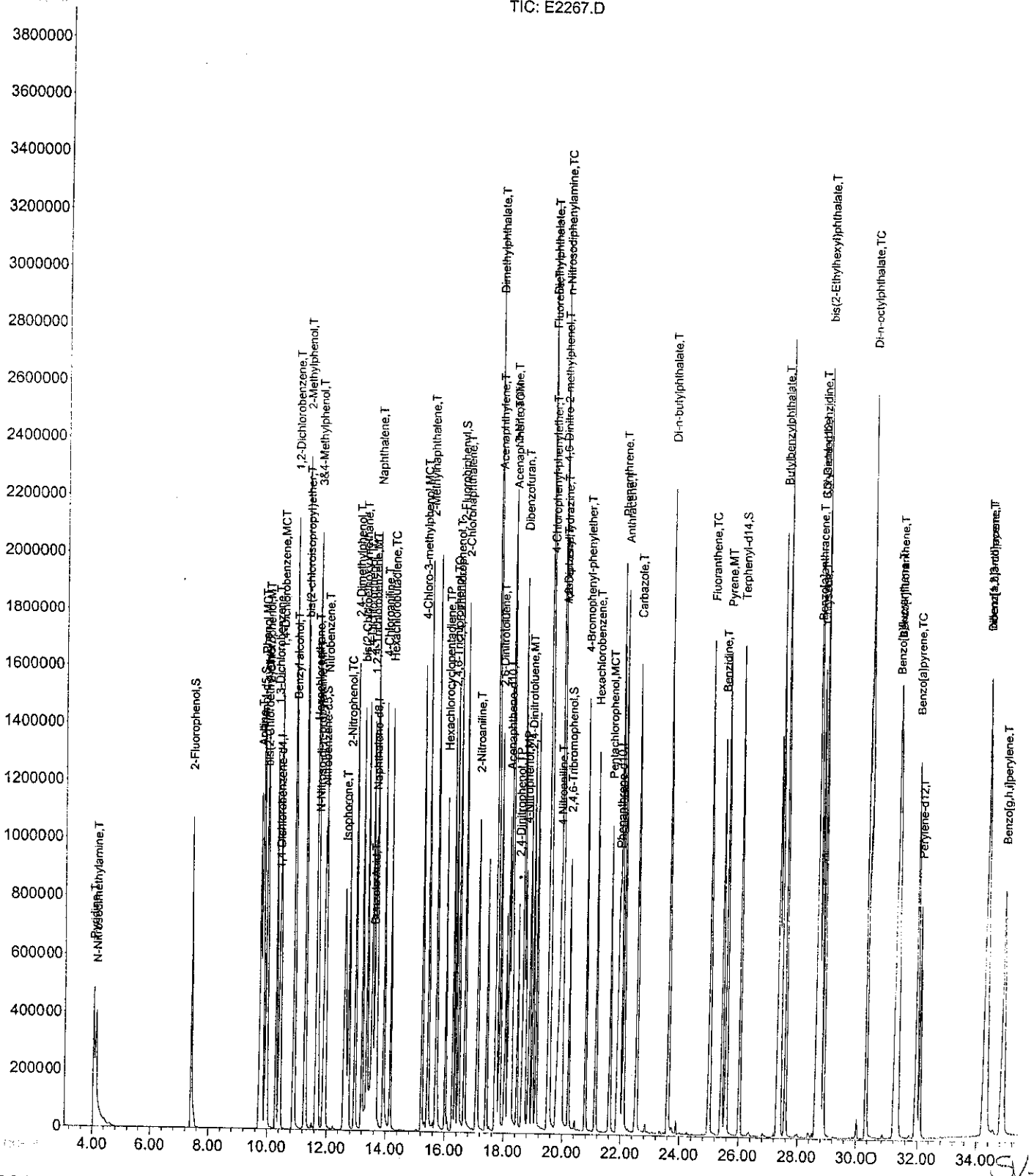
Data File : D:\E\DATA\JUL06\E0720\E2267.D
Acq On : 20 Jul 2006 5:41 pm
Sample : SSTD080
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 7:10 2006

Vial: 28
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80701.RES

Method : D:\E\METHODS\SVE80701.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Mon Jul 10 13:46:22 2006
Response via : Initial Calibration

TIC: E2267.D



SV-109

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\JUL06\E0720\E2267.D
Acq On : 20 Jul 2006 5:41 pm
Sample : SSTD080
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 7:10 2006

Vial: 28
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80701.RES

Quant Method : D:\E\METHODS\SVE80701.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Mon Jul 10 13:46:22 2006
Response via : Initial Calibration
DataAcq Meth : SVE80701

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.39	152	273164	40.00 ul/l	0.12
19) Naphthalene-d8	13.62	136	1185513	40.00 ul/l	0.13
34) Acenaphthene-d10	18.15	164	654871	40.00 ul/l	0.13
55) Phenanthrene-d10	21.91	188	1027826	40.00 ul/l	0.14
68) Chrysene-d12	28.71	240	763190	40.00 ul/l	0.15
77) Perylene-d12	32.09	264	755900	40.00 ul/l	0.16
System Monitoring Compounds					
4) 2-Fluorophenol	7.42	112	814772	90.04 ul/l	0.13
Spiked Amount 200.000	Range 21 - 100		Recovery = 45.02%		
6) Phenol-d5	9.82	99	1069865	90.69 ul/l	0.13
Spiked Amount 200.000	Range 10 - 94		Recovery = 45.34%		
20) Nitrobenzene-d5	11.91	82	1094806	83.87 ul/l	0.14
Spiked Amount 100.000	Range 35 - 114		Recovery = 83.87%		
38) 2-Fluorobiphenyl	16.48	172	1603409	82.88 ul/l	0.13
Spiked Amount 100.000	Range 43 - 116		Recovery = 82.88%		
54) 2,4,6-Tribromophenol	20.22	330	210631	85.11 ul/l	0.15
Spiked Amount 200.000	Range 10 - 123		Recovery = 42.56%		
71) Terphenyl-d14	26.05	244	1575830	88.66 ul/l	0.14
Spiked Amount 100.000	Range 33 - 141		Recovery = 88.66%		
Target Compounds					Qvalue
2) Pyridine	4.04	79	626840m	96.18 ul/l	
3) N-Nitrosodimethylamine	4.15	74	515622	88.24 ul/l #	56
5) Aniline	9.75	93	1520953	89.68 ul/l	86
7) Phenol	9.85	94	1139333	88.49 ul/l	75
8) bis(2-Chloroethyl)ether	9.94	93	906979	89.96 ul/l #	75
9) 2-Chlorophenol	9.97	128	832596	86.86 ul/l	82
10) 1,3-Dichlorobenzene	10.29	146	844560	86.19 ul/l	98
11) 1,4-Dichlorobenzene	10.45	146	833800	83.34 ul/l	99
12) Benzyl alcohol	10.92	79	839754	80.40 ul/l #	78
13) 1,2-Dichlorobenzene	10.89	146	757625	82.02 ul/l	98
14) 2-Methylphenol	11.27	108	756099	83.53 ul/l	97
15) bis(2-chloroisopropyl)ethe	11.28	45	1180658	85.06 ul/l #	56
16) 3&4-Methylphenol	11.68	108	795778	83.08 ul/l	98
17) N-Nitroso-di-n-propylamine	11.70	70	733431	83.15 ul/l	76
18) Hexachloroethane	11.63	117	366826	81.71 ul/l	99
21) Nitrobenzene	11.96	77	1063858	84.04 ul/l	82
22) Isophorone	12.60	82	2267003	87.16 ul/l	91
23) 2-Nitrophenol	12.75	139	545874	89.29 ul/l	70
24) 2,4-Dimethylphenol	12.98	107	978672	81.44 ul/l	89
25) Benzoic Acid	13.59	122	549686m	88.18 ul/l	
26) bis(2-Chloroethoxy)methane	13.21	93	1208654	86.48 ul/l	98
27) 2,4-Dichlorophenol	13.37	162	699567	85.50 ul/l	95
28) 1,2,4-Trichlorobenzene	13.53	180	668296	83.91 ul/l	98
29) Naphthalene	13.68	128	2306447	83.11 ul/l	100
30) 4-Chloroaniline	13.94	127	1148112	86.00 ul/l	98
31) Hexachlorobutadiene	14.16	225	344864	78.04 ul/l	99
32) 4-Chloro-3-methylphenol	15.23	107	912859	82.30 ul/l	84
33) 2-Methylnaphthalene	15.44	142	1563416	82.75 ul/l	98
35) Hexachlorocyclopentadiene	16.03	237	372267	80.89 ul/l	99

(#) = qualifier out of range (m) = manual integration
E2267.D SVE80701.M Fri Aug 18 11:12:52 2006

SV-110

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\JUL06\E0720\E2267.D
Acq On : 20 Jul 2006 5:41 pm
Sample : SSTD080
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 7:10 2006

Vial: 28
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80701.RES

Quant Method : D:\E\METHODS\SVE80701.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Mon Jul 10 13:46:22 2006
Response via : Initial Calibration
DataAcq Meth : SVE80701

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	2,4,6-Trichlorophenol	16.28	196	480167	84.06 ul/l	99
37)	2,4,5-Trichlorophenol	16.36	196	519510	84.87 ul/l	98
39)	2-Chloronaphthalene	16.68	162	1457947	82.18 ul/l	95
40)	2-Nitroaniline	17.11	65	665071	81.77 ul/l #	66
41)	Dimethylphthalate	17.73	163	1741775	80.44 ul/l	100
42)	Acenaphthylene	17.77	152	2368054	79.17 ul/l	100
43)	3-Nitroaniline	18.24	138	541042	86.31 ul/l #	77
44)	Acenaphthene	18.26	153	1462372	81.62 ul/l	97
45)	2,4-Dinitrophenol	18.47	184	282029	111.20 ul/l	75
46)	4-Nitrophenol	18.73	109	304414	73.47 ul/l #	53
47)	Dibenzofuran	18.66	168	2071838	84.57 ul/l	92
48)	2,6-Dinitrotoluene	17.88	165	511150	87.74 ul/l	86
49)	2,4-Dinitrotoluene	18.88	165	693659	90.09 ul/l	78
50)	Diethylphthalate	19.52	149	1915627	80.75 ul/l	99
51)	4-Chlorophenyl-phenylether	19.57	204	714118	81.50 ul/l	91
52)	Fluorene	19.54	166	1598621	79.86 ul/l	99
53)	4-Nitroaniline	19.88	138	650055	91.45 ul/l #	74
56)	4,6-Dinitro-2-methylphenol	19.93	198	365598	98.63 ul/l	100
57)	Carbazole	22.55	167	2263662	82.32 ul/l	95
58)	n-Nitrosodiphenylamine	19.95	169	1358756	80.69 ul/l	97
59)	1,2-Diphenylhydrazine	19.98	77	2265211	78.23 ul/l #	44
60)	Azobenzene	19.98	77	2265211	78.23 ul/l #	44
61)	4-Bromophenyl-phenylether	20.79	248	408073	82.91 ul/l	98
62)	Hexachlorobenzene	21.15	284	457016	82.43 ul/l	89
63)	Pentachlorophenol	21.63	266	319989	87.41 ul/l	100
64)	Phenanthrene	21.98	178	2381062	82.72 ul/l	99
65)	Anthracene	22.10	178	2364059	82.31 ul/l	99
66)	Di-n-butylphthalate	23.62	149	3470708	80.08 ul/l	98
67)	Fluoranthene	25.02	202	2457063	83.26 ul/l	92
69)	Benzidine	25.44	184	1709541	91.03 ul/l	100
70)	Pyrene	25.60	202	2460648	88.67 ul/l	92
72)	Butylbenzylphthalate	27.42	149	1582362	86.06 ul/l	87
73)	3,3'-Dichlorobenzidine	28.71	252	751445	84.50 ul/l	96
74)	Benzo[a]anthracene	28.65	228	2245083	88.73 ul/l	100
75)	bis(2-Ethylhexyl)phthalate	28.90	149	1973476	85.70 ul/l	98
76)	Chrysene	28.80	228	1973092	87.83 ul/l	99
78)	Di-n-octylphthalate	30.37	149	3880306	60.45 ul/l	99
79)	Benzo[b]fluoranthene	31.29	252	2194377m	61.97 ul/l	
80)	Benzo[k]fluoranthene	31.33	252	1931929m	59.76 ul/l	
81)	Benzo[a]pyrene	31.98	252	1946301	60.99 ul/l	89
82)	Indeno[1,2,3-cd]pyrene	34.35	276	2047691	61.33 ul/l #	51
83)	Dibenz[a,h]anthracene	34.35	278	1752493	61.60 ul/l #	77
84)	Benzo[g,h,i]perylene	34.91	276	1642866	61.07 ul/l #	72

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

Quantitation Report

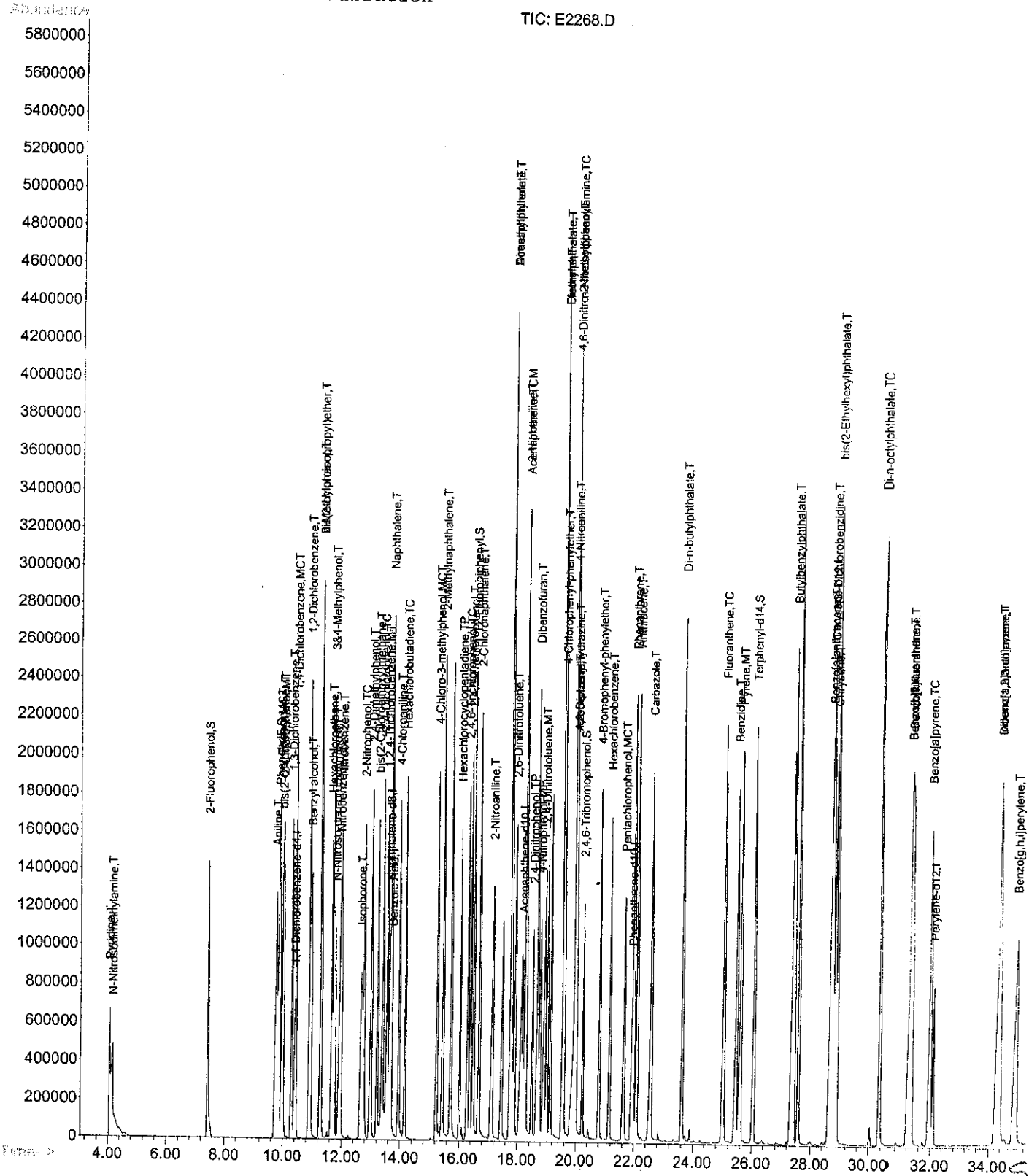
Data File : D:\E\DATA\JUL06\E0720\E2268.D
Acq On : 20 Jul 2006 6:25 pm
Sample : SSTD120
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 7:11 2006

Vial: 29
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80701.RES

Method : D:\E\METHODS\SVE80701.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Mon Jul 10 13:46:22 2006
Response via : Initial Calibration

TIC: E2268.D



SV-112

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\JUL06\E0720\E2268.D
Acq On : 20 Jul 2006 6:25 pm
Sample : SSTD120
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 7:11 2006

Vial: 29
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80701.RES

Quant Method : D:\E\METHODS\SVE80701.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Mon Jul 10 13:46:22 2006
Response via : Initial Calibration
DataAcq Meth : SVE80701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.40	152	264253	40.00	ul/l	0.13
19) Naphthalene-d8	13.63	136	1134229	40.00	ul/l	0.14
34) Acenaphthene-d10	18.16	164	647344	40.00	ul/l	0.14
55) Phenanthrene-d10	21.92	188	1000556	40.00	ul/l	0.16
68) Chrysene-d12	28.73	240	760663	40.00	ul/l	0.18
77) Perylene-d12	32.11	264	752763	40.00	ul/l	0.19
System Monitoring Compounds						
4) 2-Fluorophenol	7.43	112	1141037	130.35	ul/l	0.15
Spiked Amount 200.000	Range 21 - 100		Recovery = 65.17%			
6) Phenol-d5	9.85	99	1461945	128.10	ul/l	0.16
Spiked Amount 200.000	Range 10 - 94		Recovery = 64.05%			
20) Nitrobenzene-d5	11.93	82	1484132	118.84	ul/l	0.17
Spiked Amount 100.000	Range 35 - 114		Recovery = 118.84%#			
38) 2-Fluorobiphenyl	16.50	172	2232370	116.73	ul/l	0.16
Spiked Amount 100.000	Range 43 - 116		Recovery = 116.73%#			
54) 2,4,6-Tribromophenol	20.24	330	311600	127.38	ul/l	0.18
Spiked Amount 200.000	Range 10 - 123		Recovery = 63.69%			
71) Terphenyl-d14	26.07	244	2278944	128.64	ul/l	0.17
Spiked Amount 100.000	Range 33 - 141		Recovery = 128.64%			
Target Compounds						Qvalue
2) Pyridine	4.04	79	796618	126.35	ul/l #	69
3) N-Nitrosodimethylamine	4.15	74	724824	128.22	ul/l #	56
5) Aniline	9.75	93	2086594	127.18	ul/l	86
7) Phenol	9.89	94	1532679	123.06	ul/l	70
8) bis(2-Chloroethyl)ether	9.96	93	1212154	124.29	ul/l #	75
9) 2-Chlorophenol	10.00	128	1172331	126.43	ul/l	83
10) 1,3-Dichlorobenzene	10.31	146	1154806	121.82	ul/l	98
11) 1,4-Dichlorobenzene	10.45	146	1142425	118.03	ul/l	99
12) Benzyl alcohol	10.96	79	1213013	120.05	ul/l #	79
13) 1,2-Dichlorobenzene	10.90	146	1073501	120.13	ul/l	99
14) 2-Methylphenol	11.29	108	1023380	116.88	ul/l	96
15) bis(2-chloroisopropyl)ethe	11.29	45	1472119	109.63	ul/l #	47
16) 3&4-Methylphenol	11.72	108	1148769	123.98	ul/l	97
17) N-Nitroso-di-n-propylamine	11.77	70	1037462	121.58	ul/l	77
18) Hexachloroethane	11.64	117	518204	119.33	ul/l	100
21) Nitrobenzene	11.98	77	1401205	115.70	ul/l	82
22) Isophorone	12.65	82	3073662	123.51	ul/l	92
23) 2-Nitrophenol	12.76	139	747188	127.75	ul/l #	67
24) 2,4-Dimethylphenol	13.01	107	1352721	117.66	ul/l	88
25) Benzoic Acid	13.71	122	810750m	135.94	ul/l	
26) bis(2-Chloroethoxy)methane	13.22	93	1607750	120.24	ul/l	99
27) 2,4-Dichlorophenol	13.39	162	981195	125.35	ul/l	96
28) 1,2,4-Trichlorobenzene	13.54	180	931861	122.29	ul/l	98
29) Naphthalene	13.69	128	3070333	115.63	ul/l	99
30) 4-Chloroaniline	13.97	127	1584564	124.06	ul/l	99
31) Hexachlorobutadiene	14.17	225	482369	114.09	ul/l	99
32) 4-Chloro-3-methylphenol	15.26	107	1274416	120.09	ul/l	84
33) 2-Methylnaphthalene	15.45	142	2147249	118.80	ul/l	98
35) Hexachlorocyclopentadiene	16.03	237	540114	118.73	ul/l	99

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

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\JUL06\E0720\E2268.D
Acq On : 20 Jul 2006 6:25 pm
Sample : SSTD120
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 21 7:11 2006

Vial: 29
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80701.RES

Quant Method : D:\E\METHODS\SVE80701.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Mon Jul 10 13:46:22 2006
Response via : Initial Calibration
DataAcq Meth : SVE80701

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36) 2,4,6-Trichlorophenol	16.30	196	684097	121.15 ul/l	99
37) 2,4,5-Trichlorophenol	16.39	196	739072	122.14 ul/l	100
39) 2-Chloronaphthalene	16.70	162	2030347	115.78 ul/l	95
40) 2-Nitroaniline	17.14	65	923780	114.89 ul/l #	66
41) Dimethylphthalate	17.78	163	2345947	109.61 ul/l	100
42) Acenaphthylene	17.78	152	3206537	108.45 ul/l	100
43) 3-Nitroaniline	18.27	138	712488	114.98 ul/l	82
44) Acenaphthene	18.28	153	2011625	113.58 ul/l	97
45) 2,4-Dinitrophenol	18.51	184	432073	172.34 ul/l	76
46) 4-Nitrophenol	18.77	109	441691	107.84 ul/l #	58
47) Dibenzofuran	18.68	168	2893060	119.46 ul/l	96
48) 2,6-Dinitrotoluene	17.91	165	719108	124.87 ul/l	85
49) 2,4-Dinitrotoluene	18.93	165	983503	129.22 ul/l	79
50) Diethylphthalate	19.56	149	2472267	105.43 ul/l	99
51) 4-Chlorophenyl-phenylether	19.59	204	973295	112.38 ul/l	93
52) Fluorene	19.56	166	2176982	110.01 ul/l	99
53) 4-Nitroaniline	19.95	138	822715	117.08 ul/l #	68
56) 4,6-Dinitro-2-methylphenol	19.98	198	498248	138.08 ul/l	100
57) Carbazole	22.58	167	3118615	116.50 ul/l	95
58) n-Nitrosodiphenylamine	19.99	169	1827756	111.50 ul/l	98
59) 1,2-Diphenylhydrazine	20.01	77	2877125	102.07 ul/l #	40
60) Azobenzene	20.01	77	2877125	102.07 ul/l #	40
61) 4-Bromophenyl-phenylether	20.82	248	587472	122.61 ul/l	100
62) Hexachlorobenzene	21.16	284	662934	122.82 ul/l	86
63) Pentachlorophenol	21.66	266	466277	130.85 ul/l	99
64) Phenanthrene	22.00	178	3350913	119.58 ul/l	99
65) Anthracene	22.13	178	3242606	115.97 ul/l	99
66) Di-n-butylphthalate	23.64	149	4697300	111.34 ul/l	98
67) Fluoranthene	25.04	202	3460351	120.45 ul/l	89
69) Benzidine	25.47	184	2416375	129.09 ul/l	100
70) Pyrene	25.62	202	3498384	126.48 ul/l	88
72) Butylbenzylphthalate	27.43	149	2112545	115.27 ul/l	88
73) 3,3'-Dichlorobenzidine	28.74	252	1126973	127.14 ul/l	96
74) Benzo[a]anthracene	28.69	228	3234816	128.26 ul/l	100
75) bis(2-Ethylhexyl)phthalate	28.91	149	2677927	116.68 ul/l	98
76) Chrysene	28.84	228	2861942	127.82 ul/l	99
78) Di-n-octylphthalate	30.38	149	5291881	82.79 ul/l	100
79) Benzo[b]fluoranthene	31.32	252	3021218m	85.67 ul/l	
80) Benzo[k]fluoranthene	31.34	252	3045927m	94.62 ul/l	
81) Benzo[a]pyrene	32.01	252	2840628	89.38 ul/l	86
82) Indeno[1,2,3-cd]pyrene	34.39	276	3049103	91.70 ul/l #	48
83) Dibenz[a,h]anthracene	34.39	278	2615124	92.31 ul/l #	76
84) Benzo[g,h,i]perylene	34.96	276	2427492	90.61 ul/l #	69

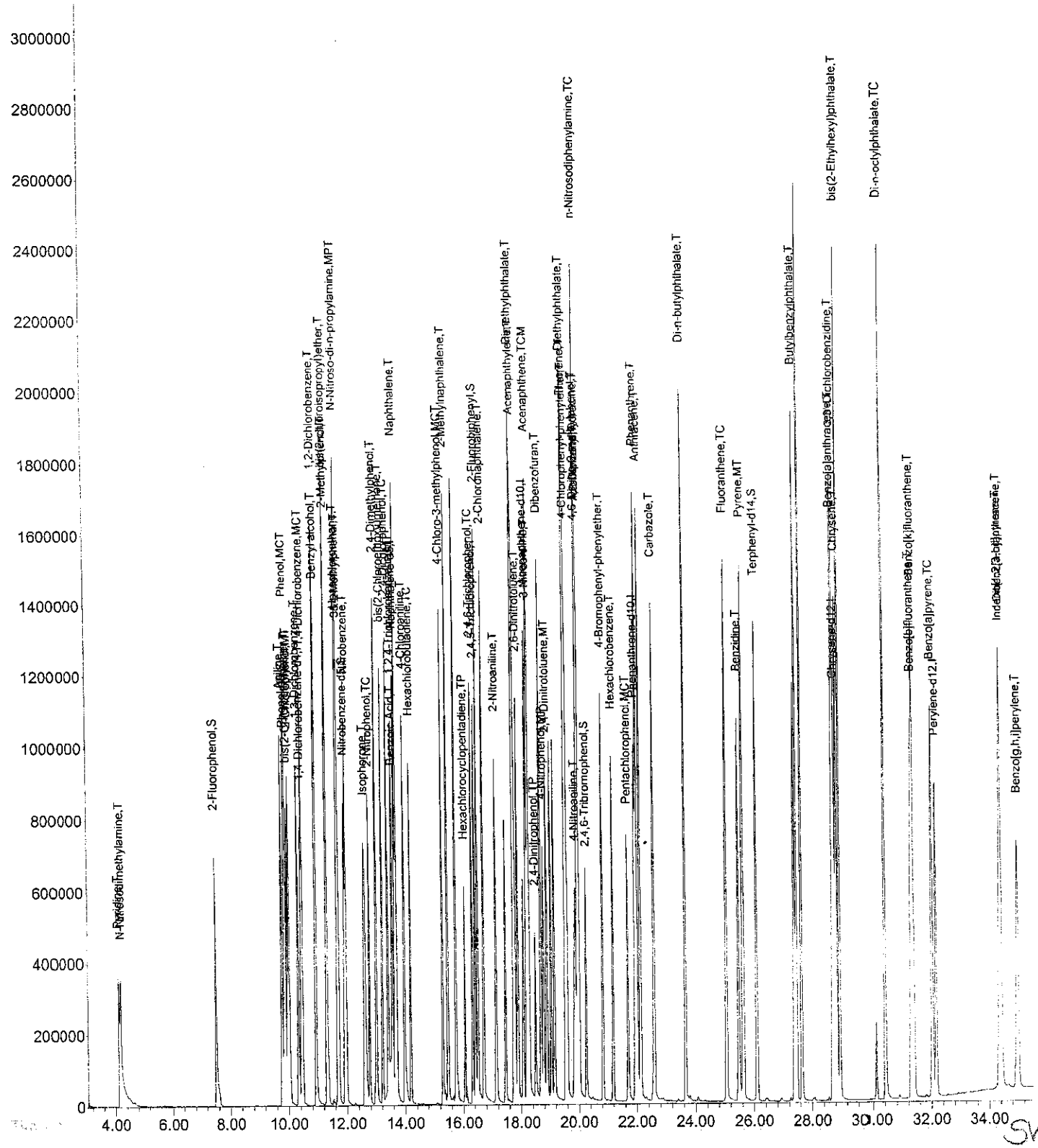
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\E\DATA\AUG06\E0802\E2394.D Vial: 25
Acq On : 2 Aug 2006 9:51 am Operator:
Sample : SSTD050 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 2 10:32 2006 Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration

TIC: E2394.D



SV-1

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0802\E2394.D Vial: 25
Acq On : 2 Aug 2006 9:51 am Operator:
Sample : SSTD050 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 2 10:32 2006 Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Jul 28 12:54:09 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.44	152	287704	40.00	ul/l	0.11
19) Naphthalene-d8	13.66	136	1340526	40.00	ul/l	0.11
34) Acenaphthene-d10	18.21	164	738915	40.00	ul/l	0.11
55) Phenanthrene-d10	21.96	188	1154696	40.00	ul/l	0.11
68) Chrysene-d12	28.79	240	870512	40.00	ul/l	0.12
77) Perylene-d12	32.18	264	823074	40.00	ul/l	0.11
System Monitoring Compounds						
4) 2-Fluorophenol	7.48	112	587441	56.24	ul/l	0.10
Spiked Amount 200.000	Range 21 - 100		Recovery = 28.12%			
6) Phenol-d5	9.87	99	837827	60.21	ul/l	0.09
Spiked Amount 200.000	Range 10 - 94		Recovery = 30.10%			
20) Nitrobenzene-d5	11.94	82	811603	53.97	ul/l	0.11
Spiked Amount 100.000	Range 35 - 114		Recovery = 53.97%			
38) 2-Fluorobiphenyl	16.52	172	1172670	51.78	ul/l	0.11
Spiked Amount 100.000	Range 43 - 116		Recovery = 51.78%			
54) 2,4,6-Tribromophenol	20.27	330	126197	44.31	ul/l	0.11
Spiked Amount 200.000	Range 10 - 123		Recovery = 22.16%			
71) Terphenyl-d14	26.11	244	1097542	48.54	ul/l	0.11
Spiked Amount 100.000	Range 33 - 141		Recovery = 48.54%			
Target Compounds						Qvalue
2) Pyridine	4.11	79	428232	57.44	ul/l #	69
3) N-Nitrosodimethylamine	4.19	74	431735	63.59	ul/l #	77
5) Aniline	9.78	93	1123099	57.45	ul/l	86
7) Phenol	9.90	94	956399	63.91	ul/l	85
8) bis(2-Chloroethyl)ether	9.98	93	783909	65.15	ul/l	96
9) 2-Chlorophenol	10.03	128	641086	58.30	ul/l #	78
10) 1,3-Dichlorobenzene	10.33	146	587509	53.43	ul/l	98
11) 1,4-Dichlorobenzene	10.48	146	601643	54.47	ul/l	99
12) Benzyl alcohol	10.95	79	626767	56.67	ul/l #	81
13) 1,2-Dichlorobenzene	10.93	146	543838	53.22	ul/l	99
14) 2-Methylphenol	11.32	108	623954	61.26	ul/l	97
15) bis(2-chloroisopropyl)ethe	11.30	45	1123259	68.93	ul/l	72
16) 3&4-Methylphenol	11.72	108	681943	62.88	ul/l	98
17) N-Nitroso-di-n-propylamine	11.70	70	566705	58.68	ul/l	77
18) Hexachloroethane	11.67	117	253366	52.98	ul/l	91
21) Nitrobenzene	11.99	77	807085	55.56	ul/l	82
22) Isophorone	12.61	82	1742205	58.12	ul/l	90
23) 2-Nitrophenol	12.79	139	401516	52.80	ul/l	74
24) 2,4-Dimethylphenol	13.01	107	739774	54.49	ul/l	92
25) Benzoic Acid	13.58	122	314895	45.78	ul/l	87
26) bis(2-Chloroethoxy)methane	13.23	93	991802	58.38	ul/l	97
27) 2,4-Dichlorophenol	13.41	162	490662	50.33	ul/l	93
28) 1,2,4-Trichlorobenzene	13.57	180	462077	49.26	ul/l	98
29) Naphthalene	13.71	128	1799495	54.22	ul/l	100
30) 4-Chloroaniline	13.97	127	881014	54.91	ul/l	98
31) Hexachlorobutadiene	14.20	225	217908	45.61	ul/l	99
32) 4-Chloro-3-methylphenol	15.29	107	711174	55.58	ul/l	83
33) 2-Methylnaphthalene	15.48	142	1188431	53.30	ul/l	99
35) Hexachlorocyclopentadiene	16.06	237	172310	33.75	ul/l	98

(#) = qualifier out of range (m) = manual integration
E2394.D SVE80720.M Wed Aug 09 13:08:00 2006

SV-116

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0802\E2394.D
Acq On : 2 Aug 2006 9:51 am
Sample : SSTD050
Misc :
MS Integration Params: rteint.p
Quant Time: Aug 2 10:32 2006

Vial: 25
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Jul 28 12:54:09 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
36)	2,4,6-Trichlorophenol	16.32	196	333992	49.81	ul/l		98
37)	2,4,5-Trichlorophenol	16.43	196	363351	50.50	ul/l		98
39)	2-Chloronaphthalene	16.72	162	1103292	53.03	ul/l		95
40)	2-Nitroaniline	17.15	65	533256	57.79	ul/l	#	65
41)	Dimethylphthalate	17.76	163	1372731	54.96	ul/l		99
42)	Acenaphthylene	17.80	152	1832016	52.85	ul/l		100
43)	3-Nitroaniline	18.26	138	436961	58.28	ul/l	#	75
44)	Acenaphthene	18.30	153	1154779	55.13	ul/l		96
45)	2,4-Dinitrophenol	18.50	184	167300	47.19	ul/l		80
46)	4-Nitrophenol	18.79	109	181041	44.04	ul/l	#	73
47)	Dibenzofuran	18.70	168	1589322	54.24	ul/l		95
48)	2,6-Dinitrotoluene	17.91	165	385529	54.01	ul/l		86
49)	2,4-Dinitrotoluene	18.91	165	519170	54.11	ul/l		77
50)	Diethylphthalate	19.55	149	1517298	56.81	ul/l		97
51)	4-Chlorophenyl-phenylether	19.61	204	511413	51.11	ul/l		89
52)	Fluorene	19.58	166	1246824	54.27	ul/l		99
53)	4-Nitroaniline	19.89	138	512873	60.81	ul/l		82
56)	4,6-Dinitro-2-methylphenol	19.96	198	258367	53.13	ul/l		100
57)	Carbazole	22.60	167	1788980	55.57	ul/l		96
58)	n-Nitrosodiphenylamine	19.98	169	1059360	53.64	ul/l		97
59)	1,2-Diphenylhydrazine	20.02	77	1972729	60.18	ul/l	#	54
60)	Azobenzene	20.02	77	1972729	60.18	ul/l	#	54
61)	4-Bromophenyl-phenylether	20.84	248	273615	47.85	ul/l		94
62)	Hexachlorobenzene	21.19	284	296929	46.68	ul/l		95
63)	Pentachlorophenol	21.70	266	193036	44.61	ul/l		99
64)	Phenanthrene	22.03	178	1818367	53.12	ul/l		99
65)	Anthracene	22.14	178	1816629	54.06	ul/l		99
66)	Di-n-butylphthalate	23.67	149	2781802	55.87	ul/l		98
67)	Fluoranthene	25.08	202	1833794	52.89	ul/l		95
69)	Benzidine	25.50	184	1226271	49.90	ul/l		100
70)	Pyrene	25.65	202	1871084	52.38	ul/l		95
72)	Butylbenzylphthalate	27.47	149	1300801	56.50	ul/l		84
73)	3,3'-Dichlorobenzidine	28.76	252	561112	56.38	ul/l		98
74)	Benzo[a]anthracene	28.73	228	1641965	51.38	ul/l		100
75)	bis(2-Ethylhexyl)phthalate	28.96	149	1620574	55.76	ul/l		98
76)	Chrysene	28.86	228	1457015	51.96	ul/l		99
78)	Di-n-octylphthalate	30.43	149	3205944	59.42	ul/l		99
79)	Benzo[b]fluoranthene	31.36	252	1584565m	55.00	ul/l		
80)	Benzo[k]fluoranthene	31.41	252	1376603m	50.93	ul/l		
81)	Benzo[a]pyrene	32.05	252	1366930	52.16	ul/l		96
82)	Indeno[1,2,3-cd]pyrene	34.42	276	1321622	48.47	ul/l	#	69
83)	Dibenz[a,h]anthracene	34.43	278	1135475	48.90	ul/l		85
84)	Benzo[g,h,i]perylene	34.99	276	1063088	48.09	ul/l		86

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

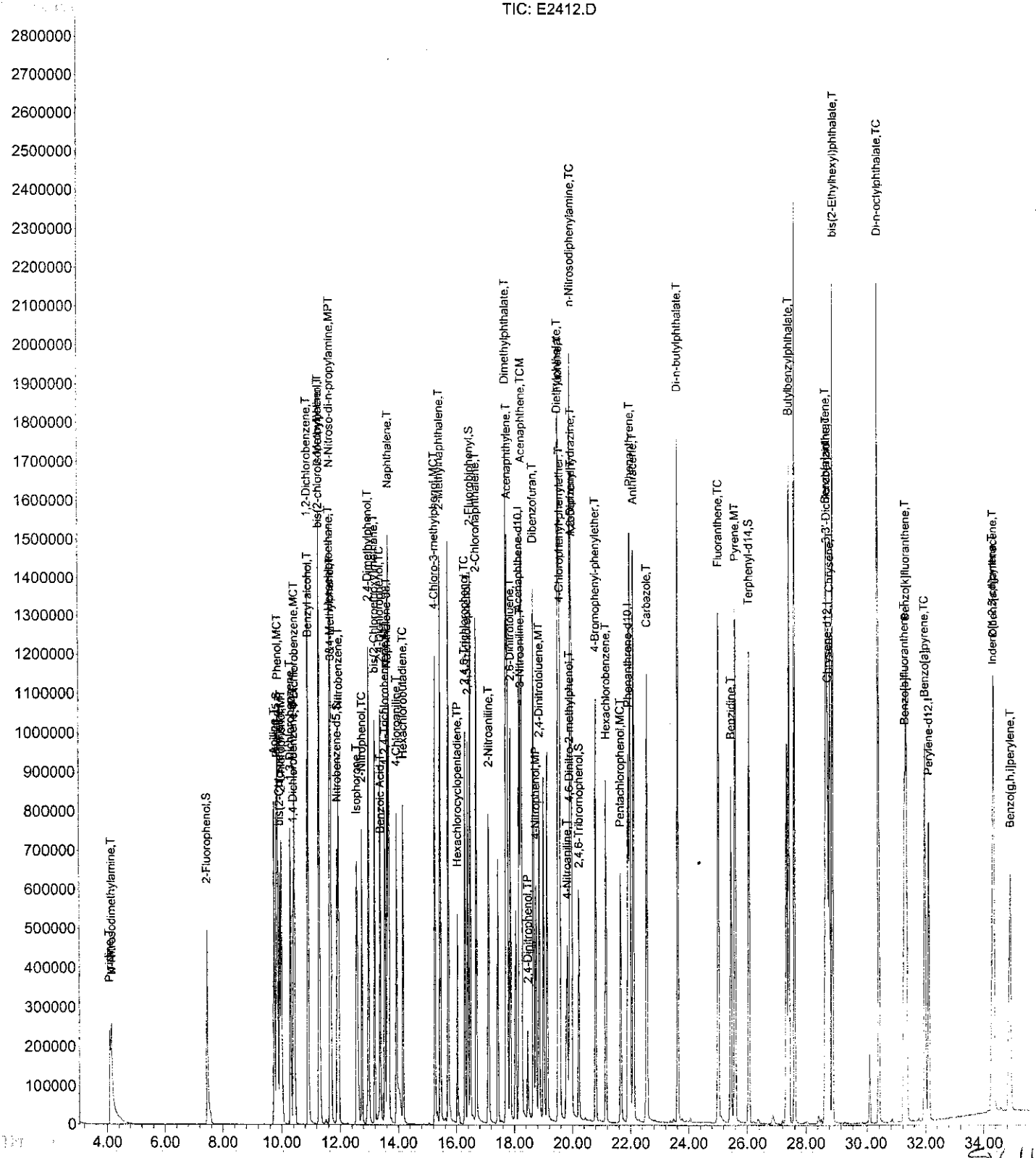
SV-117

Quantitation Report

Data File : D:\E\DATA\AUG06\E0803\E2412.D Vial: 25
Acq On : 3 Aug 2006 11:15 am Operator:
Sample : SSTD050 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 3 12:04 2006 Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration

TIC: E2412.D



SV-118

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0803\E2412.D Vial: 25
Acq On : 3 Aug 2006 11:15 am Operator:
Sample : SSTD050 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 3 12:04 2006 Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Jul 28 12:54:09 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.41	152	235250	40.00	ul/l	0.09
19) Naphthalene-d8	13.63	136	1143354	40.00	ul/l	0.09
34) Acenaphthene-d10	18.17	164	651758	40.00	ul/l	0.08
55) Phenanthrene-d10	21.92	188	1027090	40.00	ul/l	0.08
68) Chrysene-d12	28.73	240	761301	40.00	ul/l	0.07
77) Perylene-d12	32.13	264	715706	40.00	ul/l	0.06
System Monitoring Compounds						
4) 2-Fluorophenol	7.46	112	437498	51.22	ul/l	0.08
Spiked Amount 200.000	Range 21 - 100		Recovery = 25.61%			
6) Phenol-d5	9.85	99	627457	55.15	ul/l	0.07
Spiked Amount 200.000	Range 10 - 94		Recovery = 27.57%			
20) Nitrobenzene-d5	11.90	82	646396	50.40	ul/l	0.08
Spiked Amount 100.000	Range 35 - 114		Recovery = 50.40%			
38) 2-Fluorobiphenyl	16.48	172	1017034	50.91	ul/l	0.08
Spiked Amount 100.000	Range 43 - 116		Recovery = 50.91%			
54) 2,4,6-Tribromophenol	20.24	330	118255	47.07	ul/l	0.08
Spiked Amount 200.000	Range 10 - 123		Recovery = 23.54%			
71) Terphenyl-d14	26.06	244	970667	49.09	ul/l	0.07
Spiked Amount 100.000	Range 33 - 141		Recovery = 49.09%			
Target Compounds						Qvalue
2) Pyridine	4.08	79	313396m	51.41	ul/l	
3) N-Nitrosodimethylamine	4.15	74	311158	56.05	ul/l #	65
5) Aniline	9.76	93	874726	54.72	ul/l	89
7) Phenol	9.88	94	730291	59.68	ul/l	77
8) bis(2-Chloroethyl)ether	9.94	93	576048	58.55	ul/l	97
9) 2-Chlorophenol	10.00	128	499604	55.57	ul/l #	79
10) 1,3-Dichlorobenzene	10.31	146	465652	51.79	ul/l	98
11) 1,4-Dichlorobenzene	10.45	146	472743	52.34	ul/l	98
12) Benzyl alcohol	10.92	79	502408	55.56	ul/l #	79
13) 1,2-Dichlorobenzene	10.90	146	436774	52.28	ul/l	99
14) 2-Methylphenol	11.29	108	496062	59.56	ul/l	97
15) bis(2-chloroisopropyl)ethe	11.28	45	855048	64.17	ul/l	68
16) 3&4-Methylphenol	11.69	108	537775	60.64	ul/l	98
17) N-Nitroso-di-n-propylamine	11.67	70	450301	57.02	ul/l	77
18) Hexachloroethane	11.65	117	197674	50.55	ul/l	94
21) Nitrobenzene	11.95	77	643923	51.97	ul/l	82
22) Isophorone	12.57	82	1392063	54.45	ul/l	91
23) 2-Nitrophenol	12.75	139	326868	50.40	ul/l	72
24) 2,4-Dimethylphenol	12.99	107	608883	52.58	ul/l	91
25) Benzoic Acid	13.40	122	65775	11.21	ul/l	87
26) bis(2-Chloroethoxy)methane	13.19	93	781278	53.92	ul/l	97
27) 2,4-Dichlorophenol	13.39	162	408750	49.16	ul/l	94
28) 1,2,4-Trichlorobenzene	13.55	180	390455	48.81	ul/l	98
29) Naphthalene	13.68	128	1486399	52.51	ul/l	100
30) 4-Chloroaniline	13.95	127	729500	53.31	ul/l	98
31) Hexachlorobutadiene	14.17	225	187432	45.99	ul/l	99
32) 4-Chloro-3-methylphenol	15.27	107	592431	54.29	ul/l	83
33) 2-Methylnaphthalene	15.45	142	987132	51.90	ul/l	99
35) Hexachlorocyclopentadiene	16.03	237	148555	32.98	ul/l	99

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

SV-119

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0803\E2412.D
Acq On : 3 Aug 2006 11:15 am
Sample : SSTD050
Misc :
MS Integration Params: rteint.p
Quant Time: Aug 3 12:04 2006

Vial: 25
Operator:
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Jul 28 12:54:09 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
36)	2,4,6-Trichlorophenol	16.30	196	284582	48.12	ul/l		99
37)	2,4,5-Trichlorophenol	16.39	196	311024	49.00	ul/l		98
39)	2-Chloronaphthalene	16.69	162	943134	51.39	ul/l		95
40)	2-Nitroaniline	17.12	65	439127	53.95	ul/l	#	65
41)	Dimethylphthalate	17.72	163	1210671	54.95	ul/l		100
42)	Acenaphthylene	17.77	152	1583597	51.79	ul/l		99
43)	3-Nitroaniline	18.22	138	353945	53.52	ul/l	#	75
44)	Acenaphthene	18.26	153	989161	53.54	ul/l		98
45)	2,4-Dinitrophenol	18.47	184	86502	27.66	ul/l		75
46)	4-Nitrophenol	18.74	109	164972	45.50	ul/l	#	71
47)	Dibenzofuran	18.66	168	1370052	53.01	ul/l		97
48)	2,6-Dinitrotoluene	17.87	165	335368	53.27	ul/l		87
49)	2,4-Dinitrotoluene	18.87	165	443289	52.38	ul/l		77
50)	Diethylphthalate	19.51	149	1326391	56.30	ul/l		98
51)	4-Chlorophenyl-phenylether	19.58	204	452845	51.31	ul/l		87
52)	Fluorene	19.55	166	1086886	53.63	ul/l		99
53)	4-Nitroaniline	19.83	138	359524	48.33	ul/l		81
56)	4,6-Dinitro-2-methylphenol	19.91	198	184329	42.62	ul/l		100
57)	Carbazole	22.57	167	1352064	47.21	ul/l		96
58)	n-Nitrosodiphenylamine	19.95	169	929800	52.93	ul/l		98
59)	1,2-Diphenylhydrazine	19.98	77	1673619	57.40	ul/l		59
60)	Azobenzene	19.98	77	1673619	57.40	ul/l		59
61)	4-Bromophenyl-phenylether	20.81	248	251884	49.52	ul/l		94
62)	Hexachlorobenzene	21.17	284	272413	48.14	ul/l		94
63)	Pentachlorophenol	21.66	266	158188	41.10	ul/l		100
64)	Phenanthrene	21.99	178	1577397	51.81	ul/l		99
65)	Anthracene	22.11	178	1582559	52.95	ul/l		99
66)	Di-n-butylphthalate	23.63	149	2425457	54.77	ul/l		99
67)	Fluoranthene	25.04	202	1579814	51.23	ul/l		98
69)	Benzidine	25.45	184	947181	44.07	ul/l		100
70)	Pyrene	25.60	202	1610492	51.55	ul/l		98
72)	Butylbenzylphthalate	27.42	149	1112503	55.25	ul/l		85
73)	3,3'-Dichlorobenzidine	28.70	252	343428	39.46	ul/l		98
74)	Benzo[a]anthracene	28.68	228	1408220	50.38	ul/l		100
75)	bis(2-Ethylhexyl)phthalate	28.92	149	1385362	54.51	ul/l		97
76)	Chrysene	28.81	228	1226182	50.00	ul/l		99
78)	Di-n-octylphthalate	30.39	149	2692023	57.38	ul/l		99
79)	Benzo[b]fluoranthene	31.30	252	1323281m	52.82	ul/l		
80)	Benzo[k]fluoranthene	31.35	252	1186814m	50.50	ul/l		
81)	Benzo[a]pyrene	31.99	252	1162511	51.01	ul/l		94
82)	Indeno[1,2,3-cd]pyrene	34.34	276	1138267	48.01	ul/l	#	65
83)	Dibenz[a,h]anthracene	34.37	278	977217	48.40	ul/l		83
84)	Benzo[g,h,i]perylene	34.93	276	913194	47.50	ul/l		83

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

SV-120

Quantitation Report

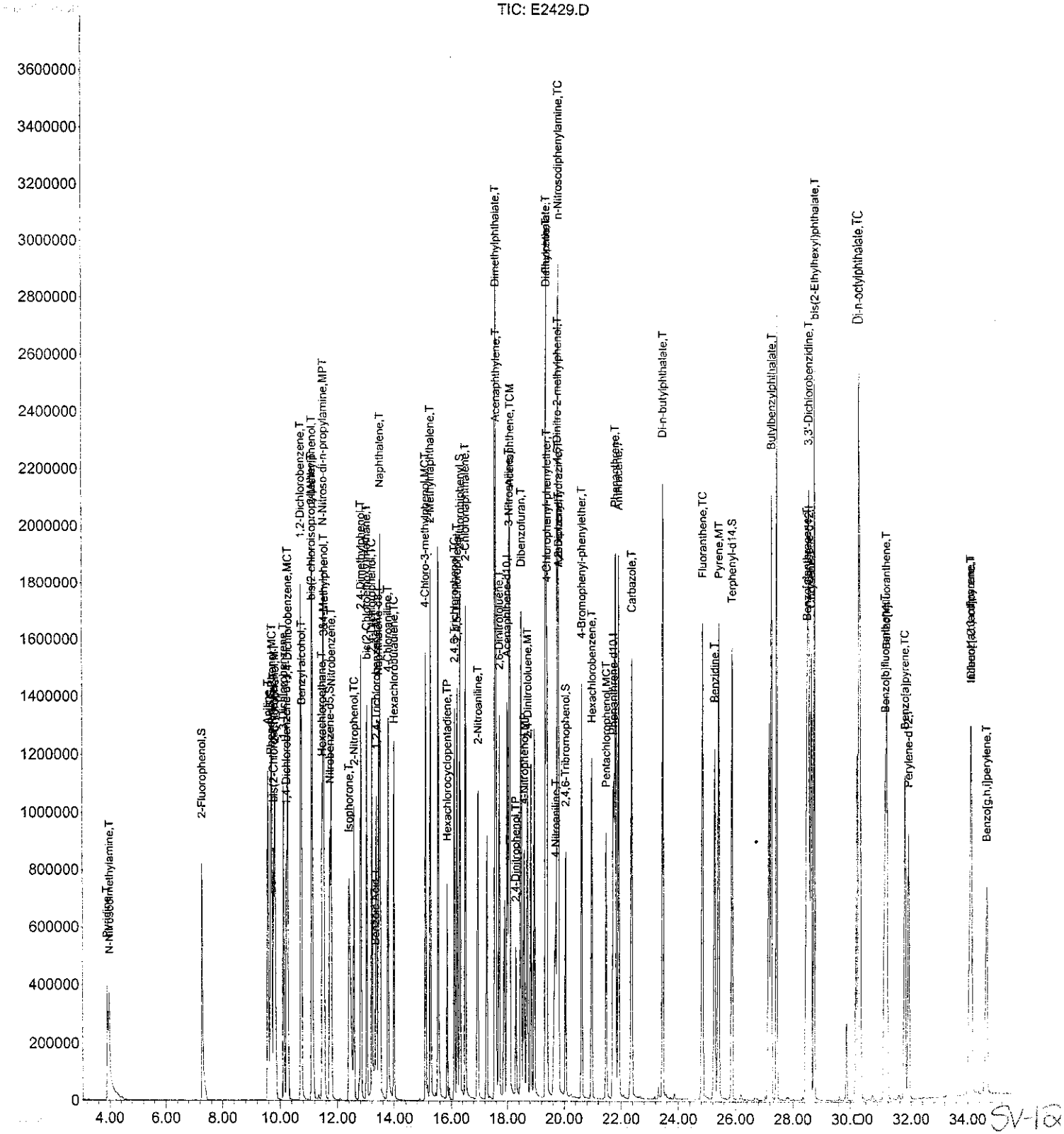
Data File : D:\E\DATA\AUG06\E0804\E2429.D
Acq On : 4 Aug 2006 2:02 pm
Sample : SSTD050
Misc :
MS Integration Params: rteint.p
Quant Time: Aug 4 14:39 2006

Vial: 25
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration

TIC: E2429.D



SV-16

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0804\E2429.D Vial: 25
Acq On : 4 Aug 2006 2:02 pm Operator:
Sample : SSTD050 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 4 14:39 2006 Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Thu Aug 03 11:51:01 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.23	152	332684	40.00	ul/l	-0.18
19) Naphthalene-d8	13.46	136	1524944	40.00	ul/l	-0.17
34) Acenaphthene-d10	17.99	164	858662	40.00	ul/l	-0.18
55) Phenanthrene-d10	21.74	188	1348753	40.00	ul/l	-0.18
68) Chrysene-d12	28.55	240	1044001	40.00	ul/l	-0.18
77) Perylene-d12	31.93	264	909330	40.00	ul/l	-0.19
System Monitoring Compounds						
4) 2-Fluorophenol	7.27	112	677224	56.07	ul/l	-0.18
Spiked Amount 200.000	Range 21 - 100		Recovery = 28.04%			
6) Phenol-d5	9.69	99	928420	57.70	ul/l	-0.16
Spiked Amount 200.000	Range 10 - 94		Recovery = 28.85%			
20) Nitrobenzene-d5	11.74	82	941335	55.03	ul/l	-0.16
Spiked Amount 100.000	Range 35 - 114		Recovery = 55.03%			
38) 2-Fluorobiphenyl	16.32	172	1371258	52.10	ul/l	-0.16
Spiked Amount 100.000	Range 43 - 116		Recovery = 52.10%			
54) 2,4,6-Tribromophenol	20.05	330	180031	54.40	ul/l	-0.18
Spiked Amount 200.000	Range 10 - 123		Recovery = 27.20%			
71) Terphenyl-d14	25.88	244	1373327	50.64	ul/l	-0.18
Spiked Amount 100.000	Range 33 - 141		Recovery = 50.64%			
Target Compounds						Qvalue
2) Pyridine	3.89	79	458576	53.20	ul/l #	58
3) N-Nitrosodimethylamine	3.98	74	465879	59.34	ul/l #	61
5) Aniline	9.58	93	1317518	58.28	ul/l	84
7) Phenol	9.73	94	1027881	59.40	ul/l	78
8) bis(2-Chloroethyl)ether	9.78	93	831482	59.76	ul/l #	75
9) 2-Chlorophenol	9.82	128	728611	57.30	ul/l #	79
10) 1,3-Dichlorobenzene	10.13	146	688075	54.11	ul/l	98
11) 1,4-Dichlorobenzene	10.28	146	682869	53.47	ul/l	98
12) Benzyl alcohol	10.76	79	733408	57.35	ul/l #	78
13) 1,2-Dichlorobenzene	10.73	146	636628	53.88	ul/l	99
14) 2-Methylphenol	11.13	108	677067	57.48	ul/l	98
15) bis(2-chloroisopropyl)ethe	11.11	45	1154530	61.27	ul/l	64
16) 3&4-Methylphenol	11.54	108	733760	58.51	ul/l	98
17) N-Nitroso-di-n-propylamine	11.52	70	628991	56.32	ul/l	75
18) Hexachloroethane	11.46	117	315758	57.09	ul/l	93
21) Nitrobenzene	11.79	77	912378	55.21	ul/l	81
22) Isophorone	12.41	82	1997818	58.59	ul/l	90
23) 2-Nitrophenol	12.59	139	470194	54.36	ul/l #	69
24) 2,4-Dimethylphenol	12.84	107	853999	55.29	ul/l	89
25) Benzoic Acid	13.34	122	194072	24.80	ul/l	90
26) bis(2-Chloroethoxy)methane	13.04	93	1080426	55.91	ul/l	97
27) 2,4-Dichlorophenol	13.22	162	579879	52.29	ul/l	94
28) 1,2,4-Trichlorobenzene	13.37	180	559149	52.40	ul/l	98
29) Naphthalene	13.51	128	2015805	53.39	ul/l	100
30) 4-Chloroaniline	13.79	127	1017201	55.74	ul/l	98
31) Hexachlorobutadiene	14.00	225	283616	52.18	ul/l	99
32) 4-Chloro-3-methylphenol	15.09	107	810747	55.70	ul/l	83
33) 2-Methylnaphthalene	15.27	142	1340351	52.84	ul/l	98
35) Hexachlorocyclopentadiene	15.86	237	226088	38.10	ul/l	99

(#) = qualifier out of range (m) = manual integration
E2429.D SVE80720.M Wed Aug 09 13:08:12 2006

SV-182

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0804\E2429.D Vial: 25
Acq On : 4 Aug 2006 2:02 pm Operator:
Sample : SSTD050 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 4 14:39 2006 Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Thu Aug 03 11:51:01 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
36)	2,4,6-Trichlorophenol	16.13	196	406249	52.14	ul/l		100
37)	2,4,5-Trichlorophenol	16.22	196	437266	52.29	ul/l		98
39)	2-Chloronaphthalene	16.52	162	1286743	53.22	ul/l		94
40)	2-Nitroaniline	16.96	65	617291	57.57	ul/l	#	64
41)	Dimethylphthalate	17.57	163	1531822	52.78	ul/l		100
42)	Acenaphthylene	17.59	152	1996250	49.56	ul/l		99
43)	3-Nitroaniline	18.06	138	485591	55.74	ul/l	#	77
44)	Acenaphthene	18.09	153	1294822	53.20	ul/l		98
45)	2,4-Dinitrophenol	18.29	184	175833	42.68	ul/l		75
46)	4-Nitrophenol	18.59	109	257892	53.98	ul/l	#	71
47)	Dibenzofuran	18.49	168	1845410	54.20	ul/l		99
48)	2,6-Dinitrotoluene	17.71	165	457436	55.15	ul/l		84
49)	2,4-Dinitrotoluene	18.71	165	625771	56.13	ul/l		76
50)	Diethylphthalate	19.36	149	1683021	54.22	ul/l		99
51)	4-Chlorophenyl-phenylether	19.40	204	622196	53.51	ul/l		88
52)	Fluorene	19.37	166	1403228	52.56	ul/l		99
53)	4-Nitroaniline	19.71	138	575073	58.68	ul/l		76
56)	4,6-Dinitro-2-methylphenol	19.77	198	282295	49.70	ul/l		100
57)	Carbazole	22.38	167	1975864	52.54	ul/l		94
58)	n-Nitrosodiphenylamine	19.79	169	1203351	52.17	ul/l		98
59)	1,2-Diphenylhydrazine	19.81	77	2130036	55.63	ul/l	#	49
60)	Azobenzene	19.81	77	2130036	55.63	ul/l	#	49
61)	4-Bromophenyl-phenylether	20.63	248	353860	52.98	ul/l		95
62)	Hexachlorobenzene	20.98	284	391944	52.75	ul/l		92
63)	Pentachlorophenol	21.48	266	247495	48.97	ul/l		99
64)	Phenanthrene	21.81	178	2132318	53.33	ul/l		99
65)	Anthracene	21.92	178	2121037	54.04	ul/l		99
66)	Di-n-butylphthalate	23.46	149	3195401	54.94	ul/l		98
67)	Fluoranthene	24.85	202	2184528	53.94	ul/l		97
69)	Benzidine	25.27	184	1371993	46.55	ul/l		100
70)	Pyrene	25.42	202	2208650	51.55	ul/l		96
72)	Butylbenzylphthalate	27.25	149	1478209	53.53	ul/l		85
73)	3,3'-Dichlorobenzidine	28.54	252	654459	54.83	ul/l		96
74)	Benzo[a]anthracene	28.49	228	1978825	51.63	ul/l		100
75)	bis(2-Ethylhexyl)phthalate	28.74	149	1800718	51.66	ul/l		97
76)	Chrysene	28.63	228	1723471	51.25	ul/l		99
78)	Di-n-octylphthalate	30.22	149	3517246	59.00	ul/l		99
79)	Benzo[b]fluoranthene	31.12	252	1714020m	53.85	ul/l		
80)	Benzo[k]fluoranthene	31.17	252	1710974m	57.30	ul/l		
81)	Benzo[a]pyrene	31.81	252	1527557	52.76	ul/l		91
82)	Indeno[1,2,3-cd]pyrene	34.15	276	1456092	48.34	ul/l	#	58
83)	Dibenz[a,h]anthracene	34.14	278	1263131	49.23	ul/l		81
84)	Benzo[g,h,i]perylene	34.68	276	1147027	46.96	ul/l	#	79

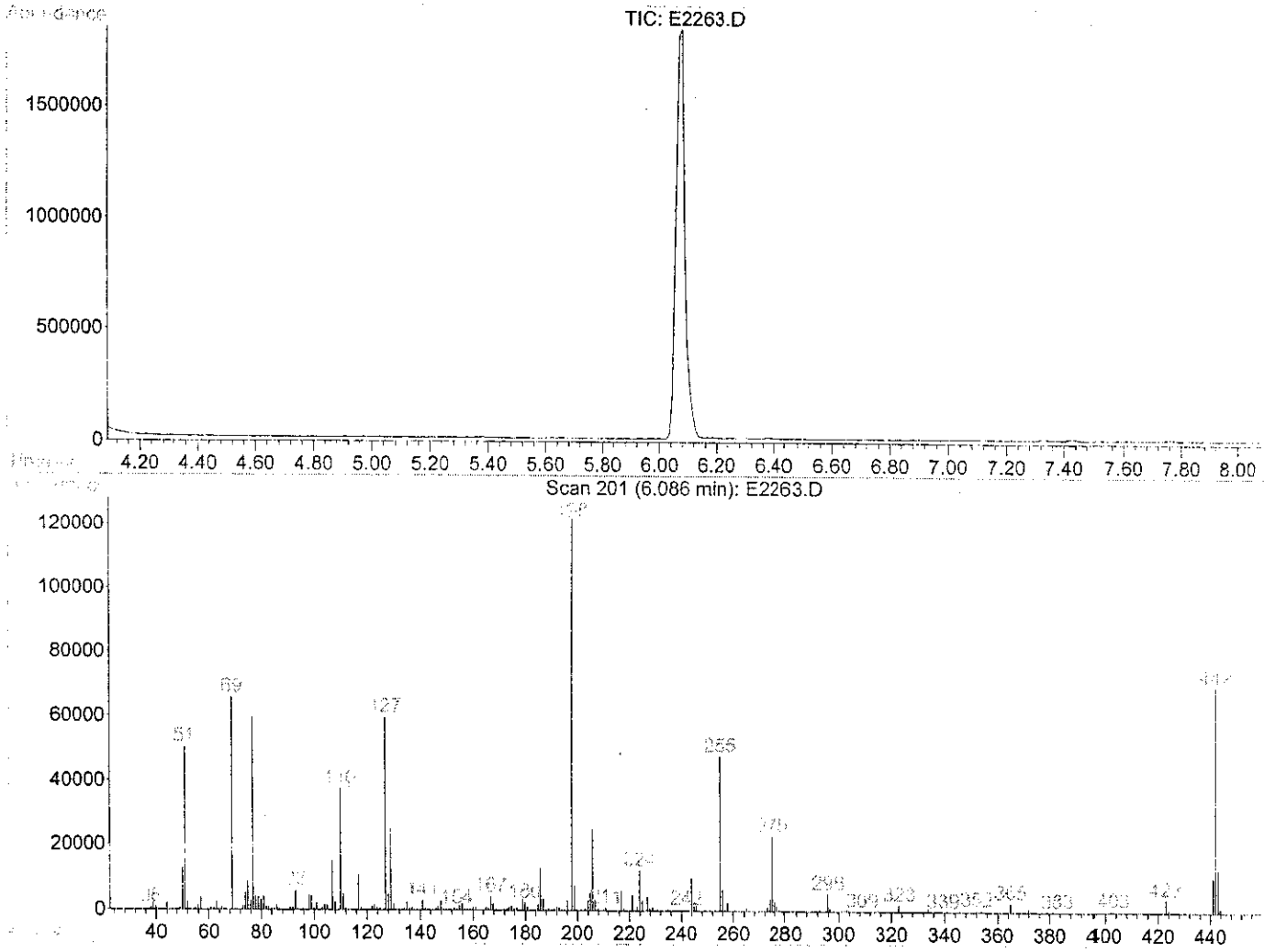
(#) = qualifier out of range (m) = manual integration

SV-123

DFTPP

Data File : D:\E\DATA\JUL06\E0720\E2263.D
Acq On : 20 Jul 2006 2:47 pm
Sample : STUNE
Misc :
MS Integration Params: rteint.p
Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE

Vial: 24
Operator:
Inst : GC/MS Ins
Multiplr: 1.00



Spectrum Information: Scan 201

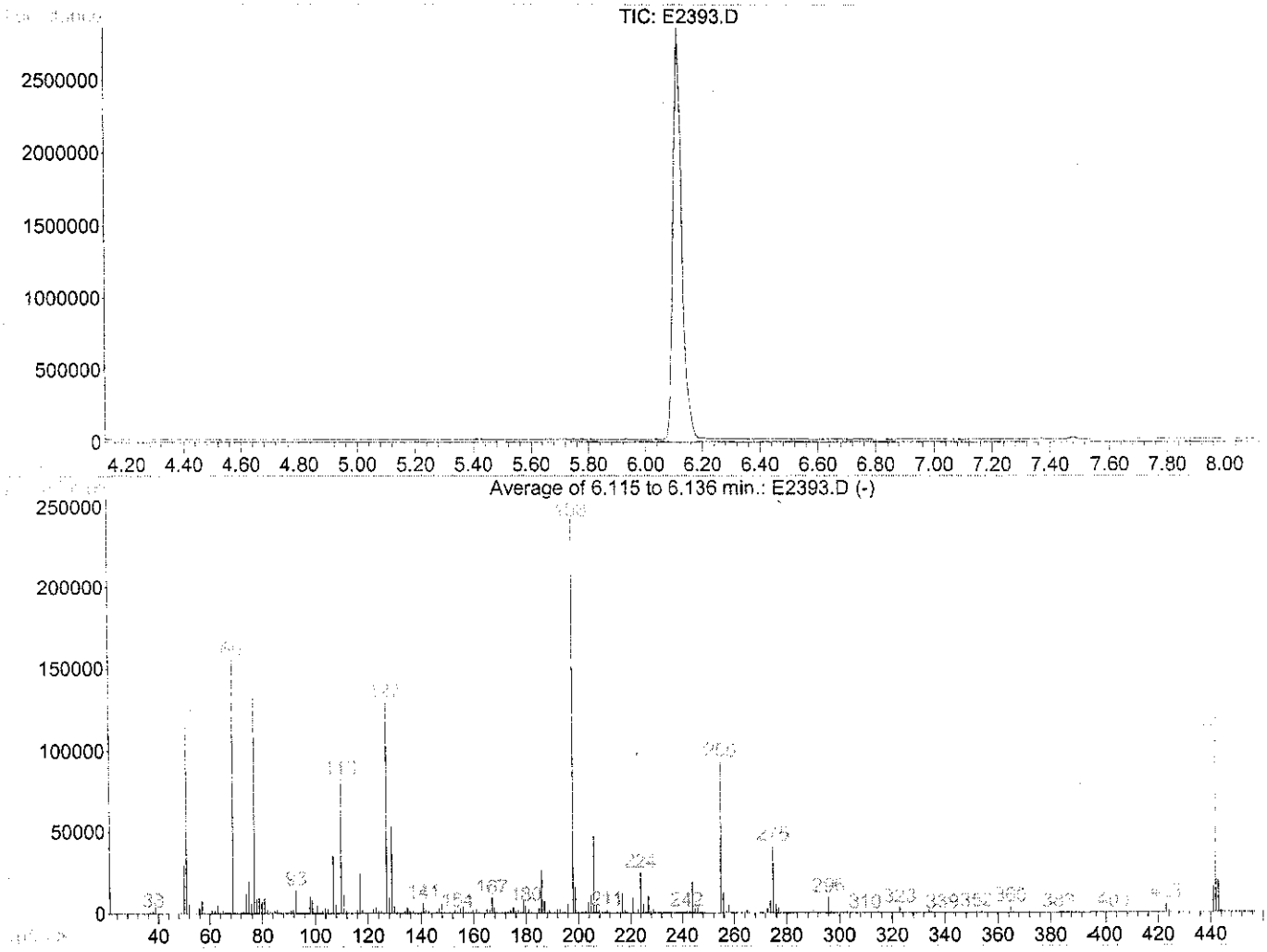
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	41.4	50464	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	54.0	65848	PASS
70	69	0.00	2	0.4	277	PASS
127	198	40	60	49.0	59776	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	121984	PASS
199	198	5	9	6.2	7613	PASS
275	198	10	30	18.8	22952	PASS
365	198	1	100	2.3	2826	PASS
441	443	0.01	100	81.7	10776	PASS
442	198	40	100	57.5	70104	PASS
443	442	17	23	18.8	13185	PASS

SV-124

DFTPP

Data File : D:\E\DATA\AUG06\E0802\E2393.D
Acq On : 2 Aug 2006 9:35 am
Sample : STUNE
Misc :
MS Integration Params: rteint.p
Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE

Vial: 24
Operator:
Inst : GC/MS Ins
Multiplr: 1.00



Spectrum Information: Average of 6.115 to 6.136 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	47.5	115375	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	63.9	155059	PASS
70	69	0.00	2	0.3	541	PASS
127	198	40	60	53.5	129744	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	242709	PASS
199	198	5	9	6.6	16118	PASS
275	198	10	30	17.2	41685	PASS
365	198	1	100	1.6	4001	PASS
441	443	0.01	100	78.8	16178	PASS
442	198	40	100	45.2	109611	PASS
443	442	17	23	18.7	20541	PASS

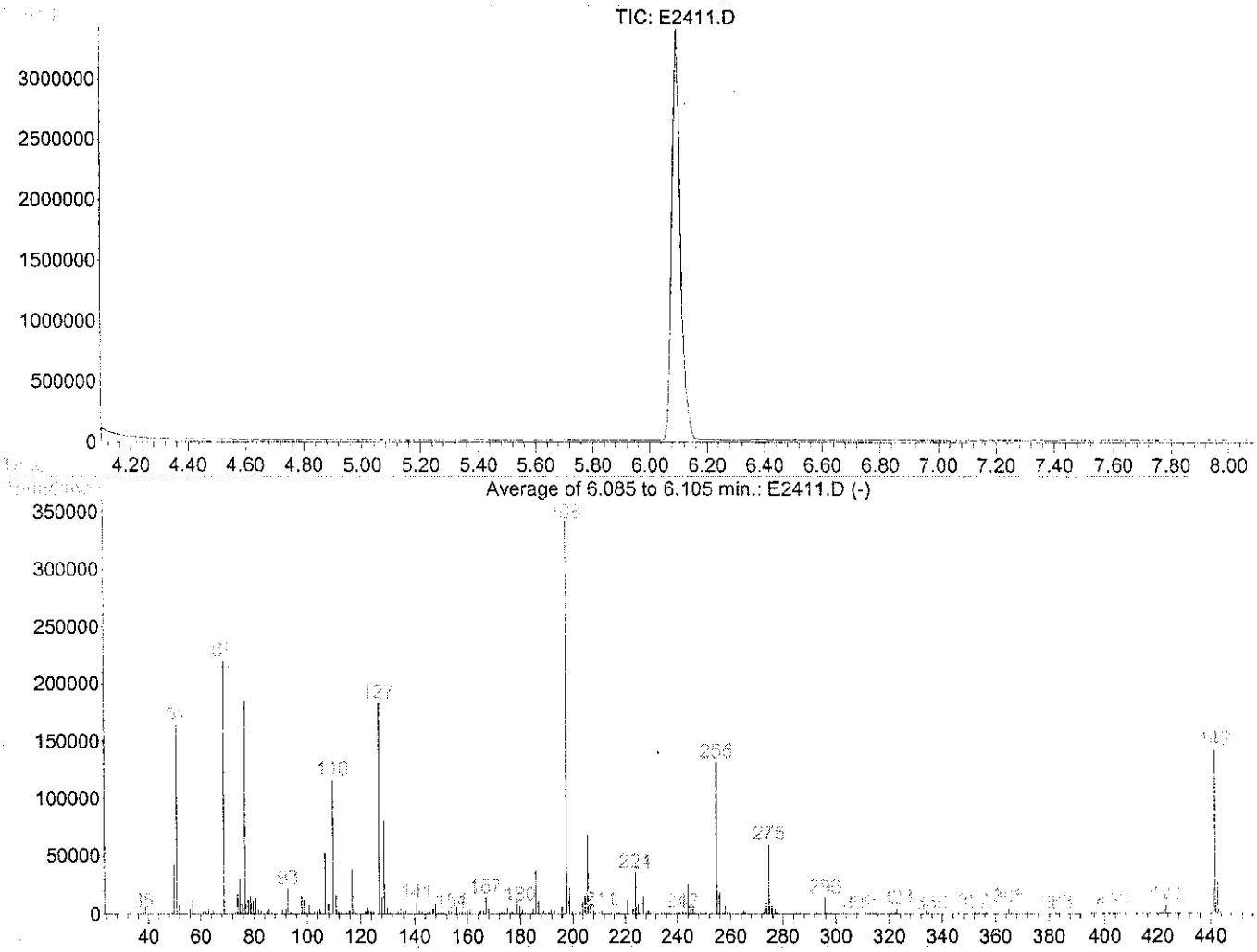
SV-125

E2393.D SVE80720.M Wed Aug 09 13:31:36 2006

DFTPP

Data File : D:\E\DATA\AUG06\E0803\E2411.D
Acq On : 3 Aug 2006 10:57 am
Sample : STUNE
Misc :
MS Integration Params: rteint.p
Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE

Vial: 24
Operator:
Inst : GC/MS Ins
Multiplr: 1.00



Spectrum Information: Average of 6.085 to 6.105 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	47.7	163804	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	64.1	219996	PASS
70	69	0.00	2	0.4	818	PASS
127	198	40	60	53.4	183255	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	343083	PASS
199	198	5	9	6.7	22851	PASS
275	198	10	30	17.5	60144	PASS
365	198	1	100	1.6	5511	PASS
441	443	0.01	100	80.6	21943	PASS
442	198	40	100	41.5	142427	PASS
443	442	17	23	19.1	27234	PASS

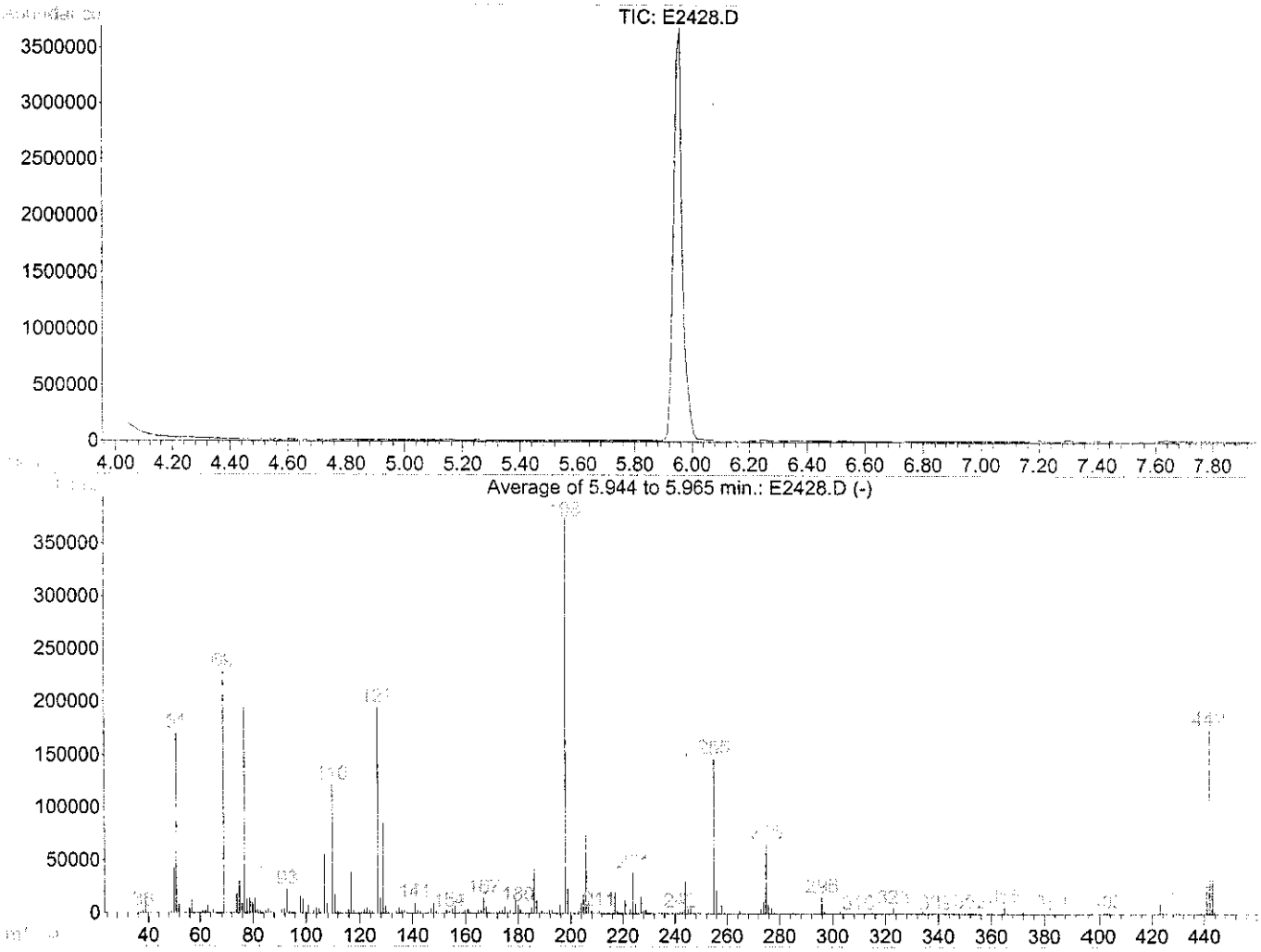
SV-126

E2411.D SVE80720.M Wed Aug 09 13:31:45 2006

DFTPP

Data File : D:\E\DATA\AUG06\E0804\E2428.D
Acq On : 4 Aug 2006 1:45 pm
Sample : STUNE
Misc :
MS Integration Params: rteint.p
Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE

Vial: 24
Operator:
Inst : GC/MS Ins
Multiplr: 1.00



Spectrum Information: Average of 5.944 to 5.965 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	45.4	170225	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	60.9	228365	PASS
70	69	0.00	2	0.4	819	PASS
127	198	40	60	51.9	194744	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	375211	PASS
199	198	5	9	6.6	24645	PASS
275	198	10	30	17.8	66765	PASS
365	198	1	100	1.8	6691	PASS
441	443	0.01	100	80.3	26776	PASS
442	198	40	100	46.6	174869	PASS
443	442	17	23	19.1	33365	PASS

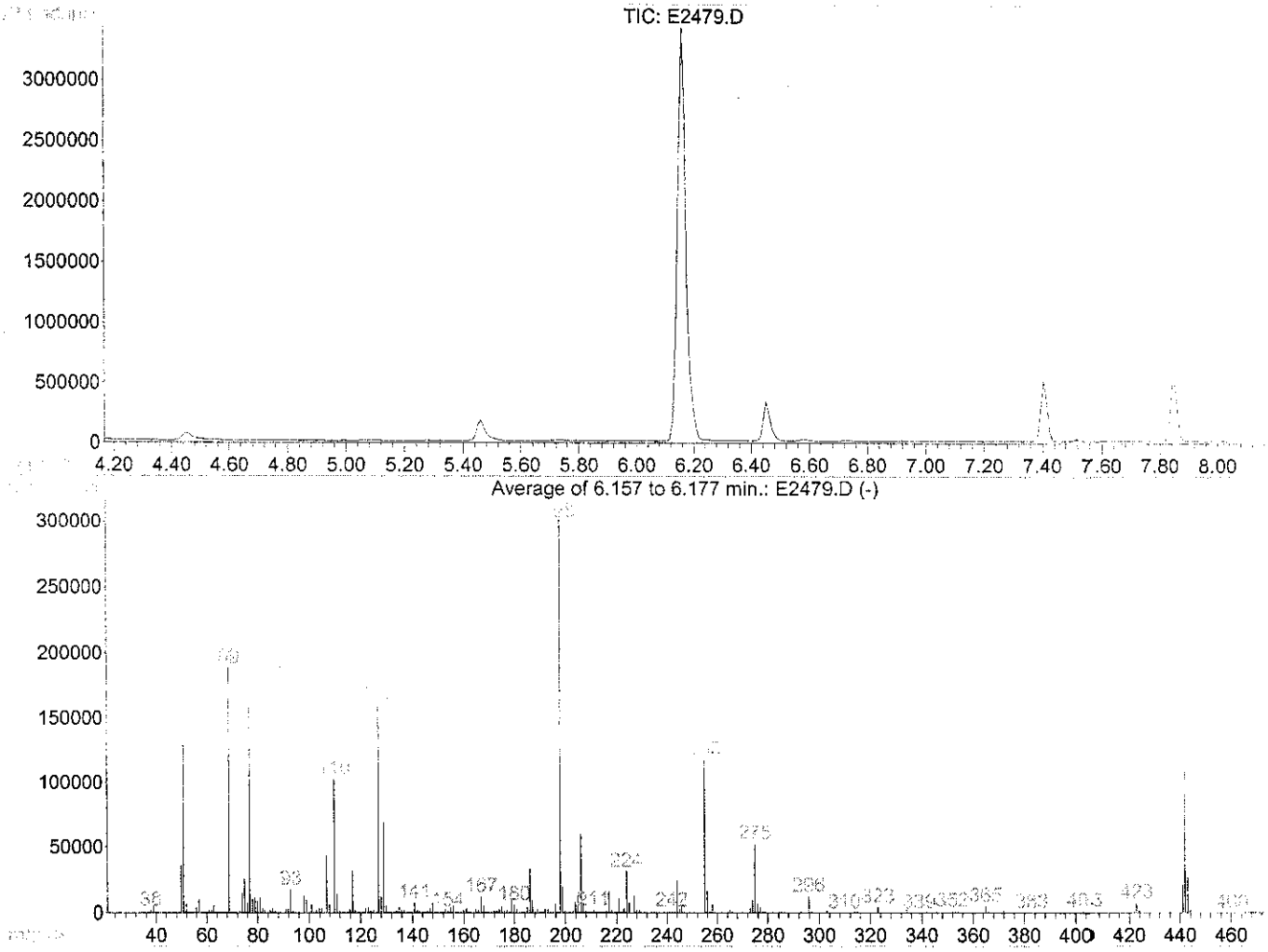
SV-187

E2428.D SVE80720.M Wed Aug 09 13:31:55 2006

DFTPP

Data File : D:\E\DATA\AUG06\E0809\E2479.D
Acq On : 9 Aug 2006 12:35 pm
Sample : STUNE
Misc :
MS Integration Params: rteint.p
Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE

Vial: 24
Operator:
Inst : GC/MS Ins
Multiplr: 1.00



Spectrum Information: Average of 6.157 to 6.177 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	46.6	140765	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	62.5	188775	PASS
70	69	0.00	2	0.4	680	PASS
127	198	40	60	53.1	160175	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	301867	PASS
199	198	5	9	6.7	20215	PASS
275	198	10	30	17.5	52853	PASS
365	198	1	100	1.7	5208	PASS
441	443	0.01	100	77.9	21455	PASS
442	198	40	100	46.5	140240	PASS
443	442	17	23	19.6	27536	PASS

SV-128

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLK64

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: SBLK64

Sample wt/vol: 1000 (g/ml) ML Lab File ID: E2430.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 8/1/06

Concentrated Extract Volume: 500 (uL) Date Analyzed: 8/4/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	5	U
208-96-8	Acenaphthylene	5	U
83-32-9	Acenaphthene	5	U
86-73-7	Fluorene	5	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	5	U
56-55-3	Benzo[a]anthracene	5	U
218-01-9	Chrysene	5	U
205-99-2	Benzo[b]fluoranthene	5	U
207-08-9	Benzo[k]fluoranthene	5	U
50-32-8	Benzo[a]pyrene	5	U
193-39-5	Indeno[1,2,3-cd]pyrene	5	U
53-70-3	Dibenz[a,h]anthracene	5	U
191-24-2	Benzo[g,h,i]perylene	5	U

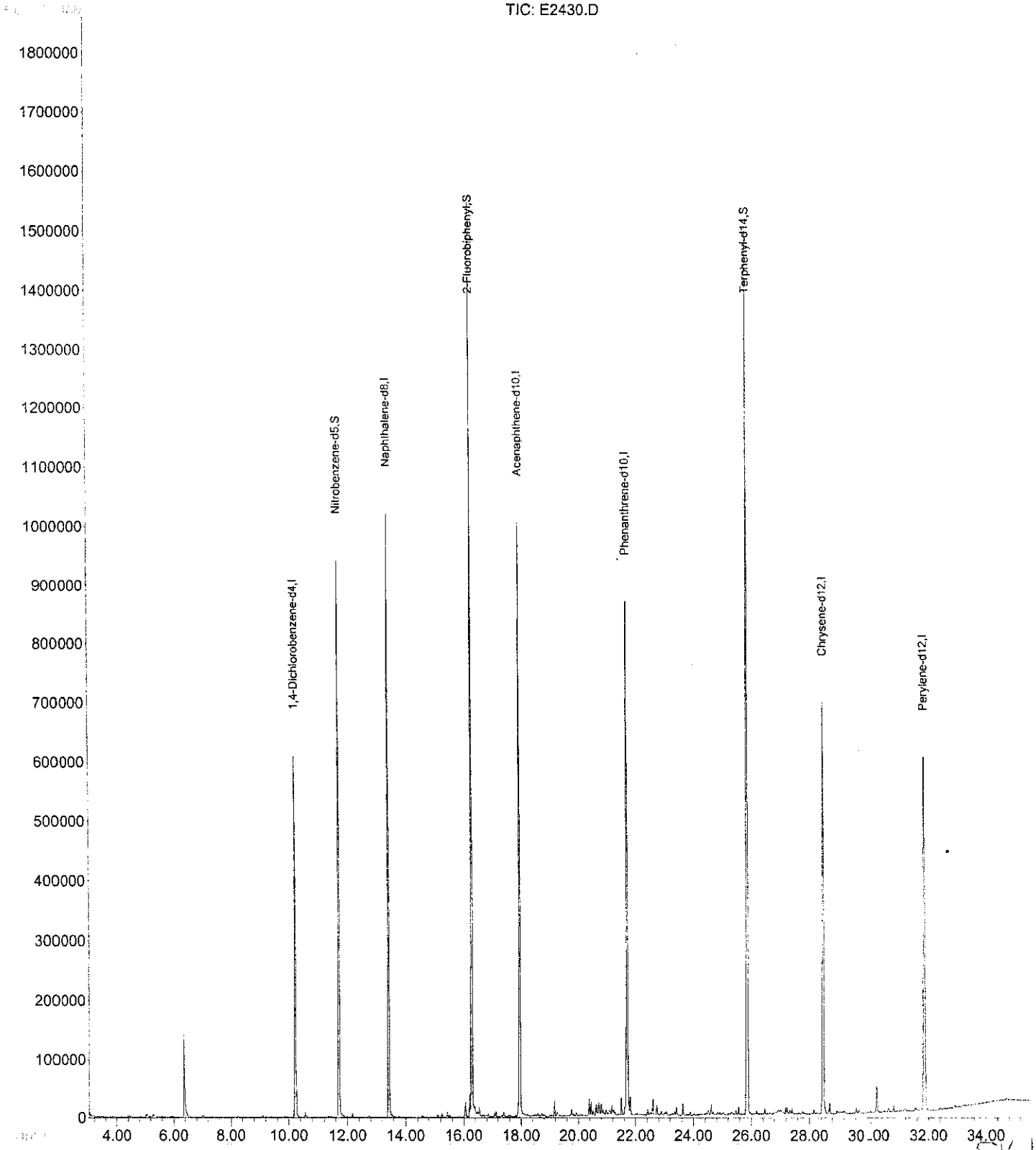
SV-129

Quantitation Report

Data File : D:\E\DATA\AUG06\E0804\E2430.D Vial: 1
Acq On : 4 Aug 2006 2:48 pm Operator:
Sample : SBLK64 Inst : GC/MS Ins
Misc : WATER 08/01/06 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 7 11:13 2006 Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration

TIC: E2430.D



SV-13C

Quantitation Report (QT/LSC Reviewed)

Data File : D:\E\DATA\AUG06\E0804\E2430.D Vial: 1
Acq On : 4 Aug 2006 2:48 pm Operator:
Sample : SBLK64 Inst : GC/MS Ins
Misc : WATER 08/01/06 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 7 11:13 2006 Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.22	152	213916	40.00	ul/l	0.00
19) Naphthalene-d8	13.43	136	975038	40.00	ul/l	-0.03
34) Acenaphthene-d10	17.96	164	514858	40.00	ul/l	-0.03
55) Phenanthrene-d10	21.71	188	738026	40.00	ul/l	-0.03
68) Chrysene-d12	28.49	240	569557	40.00	ul/l	-0.06
77) Perylene-d12	31.88	264	520638	40.00	ul/l	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ul/l	
Spiked Amount 200.000	Range 21 - 100		Recovery =	0.00%#		
6) Phenol-d5	0.00	99	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 94		Recovery =	0.00%#		
20) Nitrobenzene-d5	11.71	82	710356	64.95	ul/l	-0.03
Spiked Amount 100.000	Range 35 - 114		Recovery =	64.95%		
38) 2-Fluorobiphenyl	16.29	172	1062400	67.32	ul/l	-0.03
Spiked Amount 100.000	Range 43 - 116		Recovery =	67.32%		
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 123		Recovery =	0.00%#		
71) Terphenyl-d14	25.88	244	1309623	88.52	ul/l	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	88.52%		

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration
E2430.D SVE80720.M Wed Aug 09 12:54:38 2006

SV-131

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLK66

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK66

Sample wt/vol: 30 (g/ml) G Lab File ID: E2413.D

Level: (low/med) LOW Date Received:

% Moisture: 0 decanted:(Y/N) N Date Extracted: 8/2/06

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/3/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

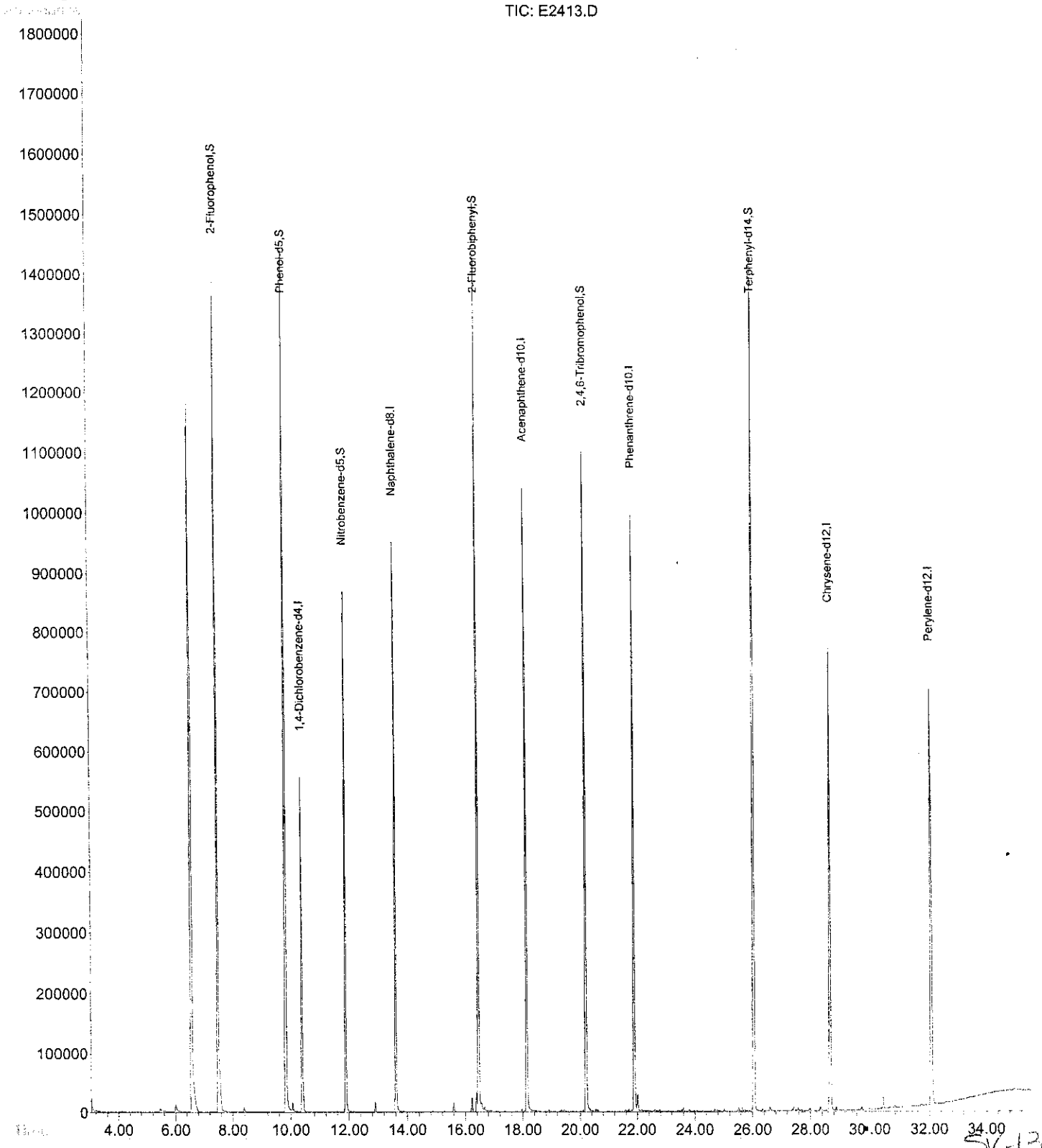
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	330	U
208-96-8	Acenaphthylene	330	U
83-32-9	Acenaphthene	330	U
86-73-7	Fluorene	330	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
56-55-3	Benzo[a]anthracene	330	U
218-01-9	Chrysene	330	U
205-99-2	Benzo[b]fluoranthene	330	U
207-08-9	Benzo[k]fluoranthene	330	U
50-32-8	Benzo[a]pyrene	330	U
193-39-5	Indeno[1,2,3-cd]pyrene	330	U
53-70-3	Dibenz[a,h]anthracene	330	U
191-24-2	Benzo[g,h,i]perylene	330	U

SV-132

Quantitation Report

Data File : D:\E\DATA\AUG06\E0803\E2413.D Vial: 1
Acq On : 3 Aug 2006 12:16 pm Operator:
Sample : SBLK66 Inst : GC/MS Ins
Misc : SOIL 08/02/06 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 12:53 2006 Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration



SV-133

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0803\E2413.D
Acq On : 3 Aug 2006 12:16 pm
Sample : SBLK66
Misc : SOIL 08/02/06
MS Integration Params: rteint.p
Quant Time: Aug 9 12:53 2006

Vial: 1
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Thu Aug 03 11:51:01 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.40	152	190426	40.00	ul/l	-0.01
19) Naphthalene-d8	13.61	136	948617	40.00	ul/l	-0.02
34) Acenaphthene-d10	18.15	164	542599	40.00	ul/l	-0.02
55) Phenanthrene-d10	21.90	188	855521	40.00	ul/l	-0.02
68) Chrysene-d12	28.69	240	687598	40.00	ul/l	-0.04
77) Perylene-d12	32.09	264	651788	40.00	ul/l	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	7.50	112	936172	135.41	ul/l	0.04
Spiked Amount 200.000	Range 25 - 121		Recovery = 67.70%			
6) Phenol-d5	9.86	99	1463654	158.92	ul/l	0.00
Spiked Amount 200.000	Range 24 - 113		Recovery = 79.46%			
20) Nitrobenzene-d5	11.89	82	654505	61.51	ul/l	-0.01
Spiked Amount 100.000	Range 23 - 120		Recovery = 61.51%			
38) 2-Fluorobiphenyl	16.47	172	1070637	64.38	ul/l	-0.01
Spiked Amount 100.000	Range 30 - 115		Recovery = 64.38%			
54) 2,4,6-Tribromophenol	20.21	330	266895	127.62	ul/l	-0.02
Spiked Amount 200.000	Range 19 - 122		Recovery = 63.81%			
71) Terphenyl-d14	26.06	244	1257252	70.39	ul/l	0.00
Spiked Amount 100.000	Range 18 - 137		Recovery = 70.39%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration
E2413.D SVE80720.M Wed Aug 09 12:55:00 2006

SV-134

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLK64MS

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: SBLK64MS

Sample wt/vol: 1000 (g/ml) ML Lab File ID: E2396.D

Level: (low/med) LOW Date Received:

% Moisture: decanted:(Y/N) N Date Extracted: 8/1/06

Concentrated Extract Volume: 500 (uL) Date Analyzed: 8/2/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

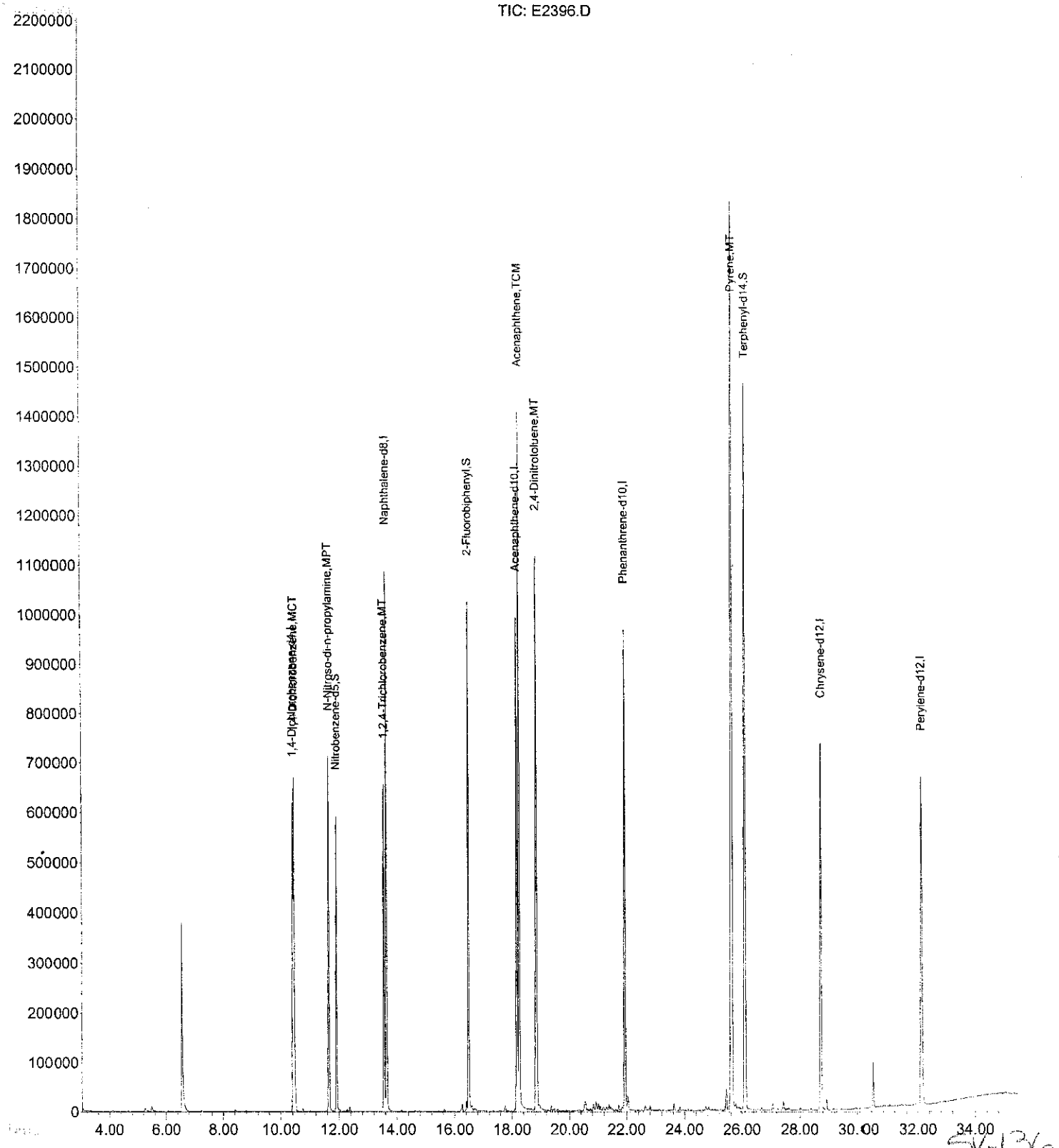
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	5	U
208-96-8	Acenaphthylene	5	U
83-32-9	Acenaphthene	26	
86-73-7	Fluorene	5	U
85-01-8	Phenanthrene	5	U
120-12-7	Anthracene	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	49	
56-55-3	Benzo[a]anthracene	5	U
218-01-9	Chrysene	5	U
205-99-2	Benzo[b]fluoranthene	5	U
207-08-9	Benzo[k]fluoranthene	5	U
50-32-8	Benzo[a]pyrene	5	U
193-39-5	Indeno[1,2,3-cd]pyrene	5	U
53-70-3	Dibenz[a,h]anthracene	5	U
191-24-2	Benzo[g,h,i]perylene	5	U

Quantitation Report

Data File : D:\E\DATA\AUG06\E0802\E2396.D Vial: 2
Acq On : 2 Aug 2006 11:23 am Operator:
Sample : SBLK64MS Inst : GC/MS Ins
Misc : WATER 08/01/06 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 13:03 2006 Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION' HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration

TIC: E2396.D



SV-136

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0802\E2396.D Vial: 2
Acq On : 2 Aug 2006 11:23 am Operator:
Sample : SBLK64MS Inst : GC/MS Ins
Misc : WATER 08/01/06 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 13:03 2006 Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Jul 28 12:54:09 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.42	152	216944	40.00	ul/l	0.10
19) Naphthalene-d8	13.64	136	1029598	40.00	ul/l	0.10
34) Acenaphthene-d10	18.18	164	558923	40.00	ul/l	0.09
55) Phenanthrene-d10	21.93	188	823260	40.00	ul/l	0.09
68) Chrysene-d12	28.74	240	647240	40.00	ul/l	0.08
77) Perylene-d12	32.14	264	604892	40.00	ul/l	0.07
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ul/l	
Spiked Amount 200.000	Range 21 - 100		Recovery =	0.00%#		
6) Phenol-d5	0.00	99	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 94		Recovery =	0.00%#		
20) Nitrobenzene-d5	11.91	82	429175	37.16	ul/l	0.09
Spiked Amount 100.000	Range 35 - 114		Recovery =	37.16%		
38) 2-Fluorobiphenyl	16.49	172	688986	40.22	ul/l	0.09
Spiked Amount 100.000	Range 43 - 116		Recovery =	40.22%#		
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 10 - 123		Recovery =	0.00%#		
71) Terphenyl-d14	26.11	244	1349924	80.29	ul/l	0.12
Spiked Amount 100.000	Range 33 - 141		Recovery =	80.29%		
Target Compounds						Qvalue
11) 1,4-Dichlorobenzene	10.46	146	328558	39.45	ul/l	98
17) N-Nitroso-di-n-propylamine	11.65	70	354602	48.69	ul/l	77
28) 1,2,4-Trichlorobenzene	13.56	180	273282	37.93	ul/l	97
44) Acenaphthene	18.26	153	837211	52.84	ul/l	96
49) 2,4-Dinitrotoluene	18.86	165	589066	81.17	ul/l	75
70) Pyrene	25.65	202	2611666	98.33	ul/l	99

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

SV-137

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK66MS

Lab Name: ACCREDITED ANALYTICAL RES Contract:

Lab Code: Case No.: 2931 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK66MS

Sample wt/vol: 30 (g/ml) G Lab File ID: E2481.D

Level: (low/med) LOW Date Received:

% Moisture: 0 decanted:(Y/N) N Date Extracted: 8/2/06

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/9/06

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	330	U
208-96-8	Acenaphthylene	330	U
83-32-9	Acenaphthene	2200	
86-73-7	Fluorene	330	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	2500	
56-55-3	Benzo[a]anthracene	330	U
218-01-9	Chrysene	330	U
205-99-2	Benzo[b]fluoranthene	330	U
207-08-9	Benzo[k]fluoranthene	330	U
50-32-8	Benzo[a]pyrene	330	U
193-39-5	Indeno[1,2,3-cd]pyrene	330	U
53-70-3	Dibenz[a,h]anthracene	330	U
191-24-2	Benzo[g,h,i]perylene	330	U

Quantitation Report

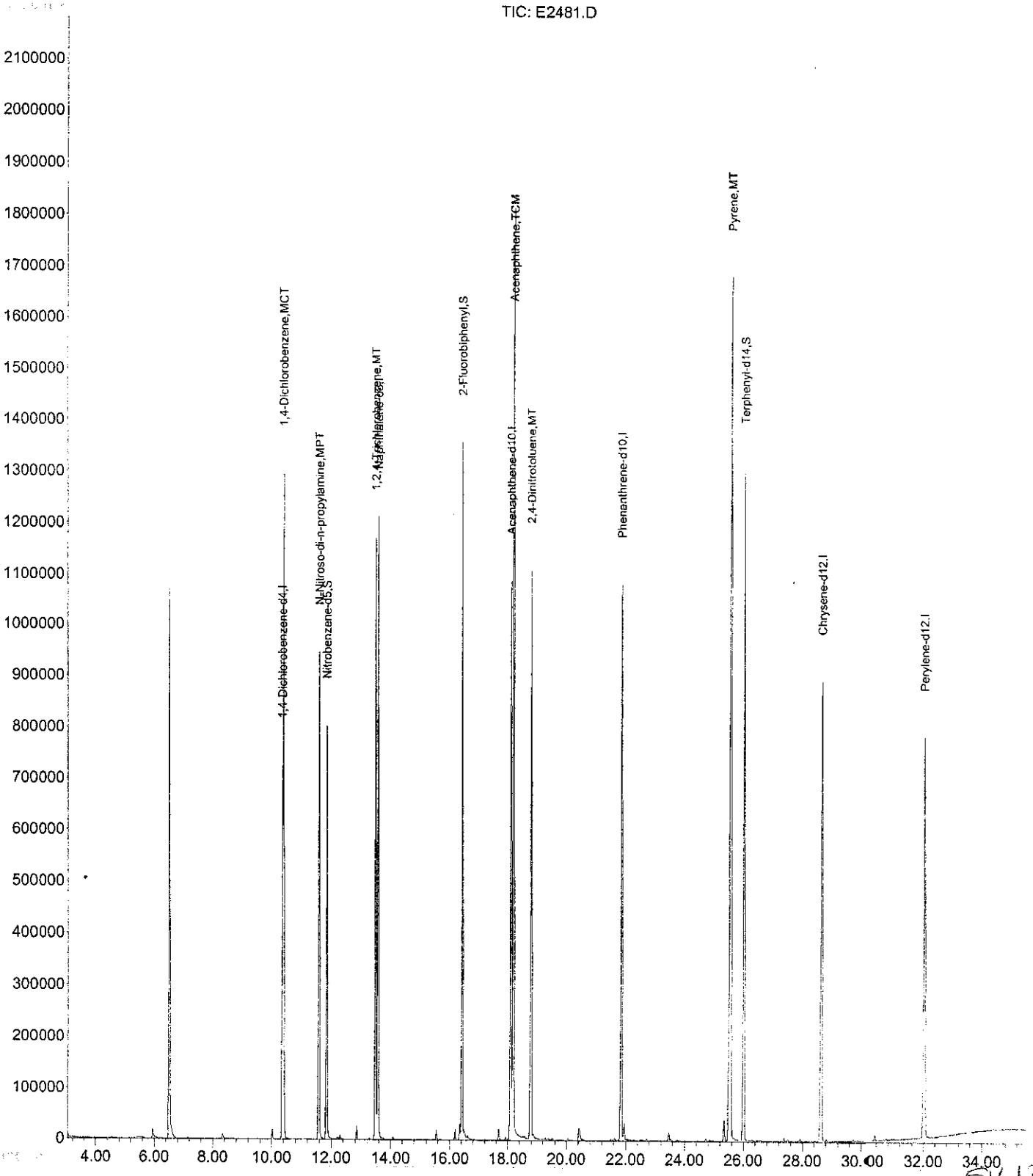
Data File : D:\E\DATA\AUG06\E0809\E2481.D
Acq On : 9 Aug 2006 3:22 pm
Sample : SBLK66MS
Misc : SOIL 08/02/06
MS Integration Params: rteint.p
Quant Time: Aug 9 15:58 2006

Vial: 1
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: SVE80720.RES

Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Fri Aug 04 14:38:36 2006
Response via : Initial Calibration

TIC: E2481.D



SV-139

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\AUG06\E0809\E2481.D Vial: 1
Acq On : 9 Aug 2006 3:22 pm Operator:
Sample : SBLK66MS Inst : GC/MS Ins
Misc : SOIL 08/02/06 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 9 15:58 2006 Quant Results File: SVE80720.RES

Quant Method : D:\E\METHODS\SVE80720.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Wed Aug 09 14:27:39 2006
Response via : Initial Calibration
DataAcq Meth : SVE80720

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.35	152	249347	40.00	ul/l	-0.01
19) Naphthalene-d8	13.57	136	1159287	40.00	ul/l	-0.01
34) Acenaphthene-d10	18.10	164	627299	40.00	ul/l	-0.02
55) Phenanthrene-d10	21.84	188	966844	40.00	ul/l	-0.03
68) Chrysene-d12	28.64	240	785716	40.00	ul/l	-0.05
77) Perylene-d12	32.04	264	749723	40.00	ul/l	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ul/l	
Spiked Amount 200.000	Range 25 - 121		Recovery = 0.00%#			
6) Phenol-d5	0.00	99	0	0.00	ul/l	
Spiked Amount 200.000	Range 24 - 113		Recovery = 0.00%#			
20) Nitrobenzene-d5	11.84	82	643689	49.50	ul/l	-0.02
Spiked Amount 100.000	Range 23 - 120		Recovery = 49.50%			
38) 2-Fluorobiphenyl	16.41	172	987075	51.34	ul/l	-0.03
Spiked Amount 100.000	Range 30 - 115		Recovery = 51.34%			
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 19 - 122		Recovery = 0.00%#			
71) Terphenyl-d14	26.00	244	1103335	54.06	ul/l	-0.01
Spiked Amount 100.000	Range 18 - 137		Recovery = 54.06%			
Target Compounds						Qvalue
11) 1,4-Dichlorobenzene	10.39	146	628384	65.64	ul/l	99
17) N-Nitroso-di-n-propylamine	11.60	70	572716	68.42	ul/l	76
28) 1,2,4-Trichlorobenzene	13.49	180	510887	62.98	ul/l	97
44) Acenaphthene	18.19	153	1199888	67.48	ul/l	97
49) 2,4-Dinitrotoluene	18.79	165	569131	69.88	ul/l	73
70) Pyrene	25.55	202	2394973	74.28	ul/l	99

(#) = qualifier out of range (m) = manual integration
E2481.D SVE80720.M Wed Aug 09 15:58:58 2006

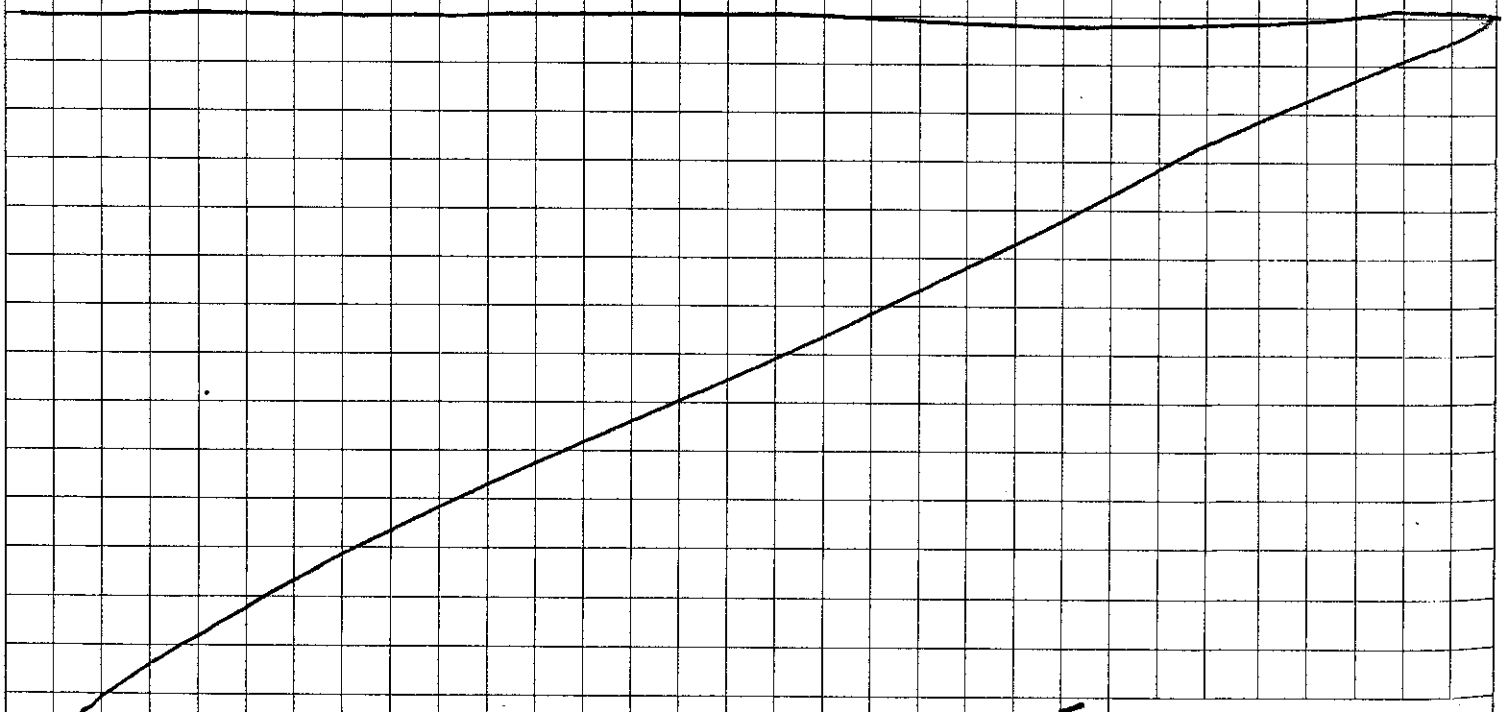
SV-140

PROJECT Wednesday Aug. 2, 2006

Notebook No. 408

Continued From Page

OFTPE	BN ONLY			
SVE80720	STUNE	E2393		
	SSTD050	94		
	SBLK64	E2395	A	
	SBLK64MS	96		
	607256	97		
	~~7224~~ 7256DL	98		1:5
	7217	99		
	7218	2400		
	7219	01		
	7220	02		
	7221MS	03		
	7222MSD	04		
	7216	05		
	7031	06		
	7147	07		
	~~7040~~ 7224	08		
	7040 ~~DL~~	09		
OUT OF TIME	7040DL	10	A	1:5



Continued on Page

Read and Understood By

SV-141

Signed

8/2/06

Date

Signed

Date

FTPPE
UE80720 STUNE
SSTD050

SBLK66
0607209
7210
7211
7212
7213
7214
7215
7217DC
7218DC
SBLK64
7040DC
7083
7083MS
7083MSD

SEG3 AC14

E2411
12

E2413 S
14
15
16
17
18
19
20
21 A 1:5
22 A 1:5
23
24 1:5
25
26
27

Continued on Page

Read and Understood By

Signed 8/3/06 Date

Signed Date

SV-142

ACCREDITED ANALYTICAL RESOURCES, LLC
PERCENT SOLIDS DETERMINATION

	AAR #	SAMPLE + PAN	PAN	SAMPLE	DRY WGT SAMPLE + PAN	TIME IN	TEMP	DATE	TIME OUT	TEMP	DATE	% SOLID	INIT
A	200607201	12.9	1.3	11.6	11.8	930	107	7/31	1530	107	7/31	90.5	CJ
A	200607202	12.3	"	11.0	10.6	"	"	"				84.5	
	200607203												
	200607204												
	200607205												
	200607206												
A	200607207	12.3	1.3	11.0	11.4	930	107	7/31	1530	107	7/31	91.8	
	200607208	-	-	-	-							-	
A	200607209	12.5	1.3	11.2	11.0							86.6	
A	200607210	12.1	"	10.8	9.4							75.0	
A	200607211	12.8	1.2	11.6	11.5							88.8	
A	200607212	12.7	1.3	11.4	11.6							90.4	
A	200607213	12.4	"	11.1	11.7							93.7	
A	200607214	12.2	"	10.9	11.4							92.7	
	200607215	13.0	"	11.7	12.3							94.0	

REVIEWED BY _____

% SOLIDS = ((DRY WT SAMPLE PAN) - PAN) x 100 / INITIAL WEIGHT
NOTE: All weights are reported in grams.

CN-1143