ANSON ENVIRONMENTAL LTD.

771 New York Avenue
Huntington, New York 11743
516-351-3555
Fax: 516-351-3615

Laboratory Analysis

Utility Manufacturing/Wonder King Site
Site ID No. 1-30-043H

Site Location:
700-712 Main Street
Westbury, New York 11590

Prepared for:

New York State Department of Environmental Conservation
Division of Environmental Remediation
50 Wolf Road
Albany, NY

October 1998

"Your Environmental Partner"

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

REPORT PACKAGE
of
ANALYTICAL DATA
for:

Chain of Custody #: G7469
SDG: ANSON-3
Report Date: June 22, 1998
Project: Utility Man.
Westbury, NY

Respectfully submitted,
Environmental Testing Laboratories, Inc.

Peggy Parigoris, Assistant Laboratory Director

NYS Lab ID# 10969
NJ Cert. # 73812

Member
The Tyree Organization

Environmental Testing Laboratories, Inc.
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ETL

SAMPLE IDENTIFICATION CROSS-REFERENCE TABLE

LABORATORY SAMPLE ID	CLIENT SAMPLE ID	DATE RECEIVED	MATRIX
G7469-1	TRIP BLANK	05/14/98	WATER
G7469-2	FIELD BLANK	05/14/98	WATER
G7469-3	MW4	05/14/98	WATER
G7469-4	MW5	05/14/98	WATER
G7469-5	MW3	05/14/98	WATER
G7469-6	MW2	05/14/98	WATER
G7469-7	MW1	05/14/98	WATER
G7469-8	MW7	05/14/98	WATER

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Chain of Custody

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208 Route 109 • Farmingdale • New York 11735

NY NH MA VT
NJ RI DE ME
CT PA MD VA ___

SOIL, WATER & AIR ANALYSIS • ORGANIC/INORGANIC • PETRO CHEMICAL

CHAIN OF CUSTODY DOCUMENT

G 7469

Project Name: UTILITY MAN. | Project Manager: JOHN TEGINS | Sampler (Signature): J. Tegins (Print): J. TEGINS

Project Address: WESTBURY, NY

Bill to: ANSON J/N: 75067 | ☐ Rush by / /

SAMPLE INFO | Type: SS = Split Spoon; G = Grab; C = Composite; B = Blank; Matrix: L = Liquid; S = Soil; SL = Sludge; A* = Air; W = Wipe | * Air - Vol. (Liters) include : Flow (CFM)

ID	Date	Time	Type	Matrix	Sample Location	601/8010	602/8020	BTX/BTEX	MTBE	624/8240/8260	625/8270/BN	PCB/Pesticides	Pet. Prods.	TCLP Metals	RCRA Metals	Reactivity	pH - Corrosivity	Ignitability	418.1 -TRPH
1	5/14/98	0930	G	L	TRIP BLANK					X									
2	5/14/98	1500	G	L	FIELD BLANK					X									
3	5/14/98	1250	G	L	MW 4					X									
4	5/14/98	1100	G	L	MW 5					X									
5	5/14/98	1245	G	L	MW 3					X									
6	5/14/98	1505	G	L	MW 2					X									
7	5/14/98	1455	G	L	MW 1					X									
8	5/14/98	1130	G	L	MW 7					X									
9																			
10																			
11																			
12																			
13																			

ALL SAMPLES TO BE ANALYZED USING EPA METHOD 8260 CATEGORY B DELIVERABLES

Relinquished by (Signature):	Date: 5/14/98 Time: 1640	Printed Name & Agent: JOHN TEGINS (ANSON)	Received by (Signature):	Date Time	Printed Name & Agent:
Relinquished by (Signature):	Date Time	Printed Name & Agent:	Comments & Special Instructions: 8260 CATEGORY B DELIVERABLES		Disposal Facility:
Received for Lab by (Signature):	Date: 5/14/98 Time: 4:45 pm	Printed Name:	Number & Type of Containers: 16 - 40ML VOA VIALS (4°C)		Preservatives: HCL

SHIPPING COPY

5/15/98

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ASP Forms

ETL
ASP FORM/LABORATORY CHRONICLE

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

CLIENT SAMPLE ID	LAB SAMPLE ID	MATRIX	DATE RECEIVED	ANALYTICAL REQUIREMENTS					
				VOA GC/MS Method	BNA GC/MS Method	VOA GC Method	PEST PCB Method	METALS	OTHER
TRIP BLANK	G7469-1	WATER	05/14/98	X					
FIELD BLANK	G7469-2	WATER	05/14/98	X					
MW4	G7469-3	WATER	05/14/98	X					
MW5	G7469-4	WATER	05/14/98	X					
MW3	G7469-5	WATER	05/14/98	X					
MW2	G7469-6	WATER	05/14/98	X					
MW1	G7469-7	WATER	05/14/98	X					
MW7	G7469-8	WATER	05/14/98	X					

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ETL
ASP FORM/LABORATORY CHRONICLE

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE (VOA)
ANALYSIS

LAB SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	DATE EXTRACTED	DATE ANALYZED
G7469-1	WATER	05/14/98	05/14/98	NA	05/28/98
G7469-2	WATER	05/14/98	05/14/98	NA	05/28/98
G7469-3	WATER	05/14/98	05/14/98	NA	05/28/98
G7469-4	WATER	05/14/98	05/14/98	NA	05/28/98
G7469-4RE	WATER	05/14/98	05/14/98	NA	05/29/98
G7469-5	WATER	05/14/98	05/14/98	NA	05/28/98
G7469-6	WATER	05/14/98	05/14/98	NA	05/28/98
G7469-7	WATER	05/14/98	05/14/98	NA	05/28/98
G7469-8	WATER	05/14/98	05/14/98	NA	05/28/98
G7469-8RE	WATER	05/14/98	05/14/98	NA	05/29/98

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Log Book Pages

GC/MS

STD.CODES

CAL.STD

BATCH B566

MS

DATE 5/27/98

MSD

ID FILE B_8260Q CAL'D MA

CHECK STD B_8240

DATA FILE	COC	INJ.TIME	ALS	DILUTION	COMMENT
BF296	50NG BFB			NA	
B6376	VSTD005		1		
B6377	VSTD005		2		
B6378	VSTD020		3		
B6379	VSTD050		4		
B6380	VSTD100		5		
B6381	VSTD150		6		
B6382	BL		7		
B6383	BL		8		

WITNESSED

BOOK#

GC/MS

STD.CODES

CAL.STD — BATCH: B568

MS — DATE: 5/28/98

MSD — ID FILE: B_8260 Q CAL'D

CHECK STD: B_8240

DATA FILE	COC	INJ.TIME	ALS	DILUTION	COMMENT
BF299	SCNGBFB			NA	
B6407	VSTD05C				
B6408	VSTD050				
B6409	20PPB Ref		1		
B6410	VBLK01		2		
B6411	VBLKC1		3		
B6412	VBLK01		4		
B6413 23	1835-3		5	1250	
B6414 24	-4		6	5000	
B6415 25	G8750-2		7	10	
B6416 26	3		8		
B6417 27	4		9		
B6418 28	5		10		
B6419 13	G7469-1		11	1	
B6420 14	2		12	1	
B6421 15	3		13	1	
B6422 16	4		14	1	
B6423 17	5		15	1	
B6424 18	6		16	1	
B6425 19	7		17	1	
B6426 20	8		18	1	
B6427 21	G5636-1		19	10	
B6428 22	G7018-11		20	50	
B6429					

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GC/MS

STD.CODES

CAL.STD — BATCH: B569

MS — DATE: 5/29/98

MSD

CHECK STD — ID FILE: B_8260, B_8240 — Q CAL'D: MA

DATA FILE	COC	INJ.TIME	ALS	DILUTION	COMMENT
B7300	50NGBLB			NA	
B6423	VSTD050			↓	
B6424	20PPB Ref				
B6425	VBLK02				
B6426	VBLK02				
B6427	VBLK02		14	↓	
~~B6428~~ B6429	G1835-4		1	5000	
B6430	G8750-2		2	10	
B6431	-3		3	↓	
B6432	-4		4		
B6433	5		5	↓	
B6434	G7469-4		6	20.	
B6435	-8		7	20	
B6436	-8MS		8	↓	
B6437	-8MSD		9	↓	
B6438	G5636-1		10	1	
B6439	G7018-11		11	1	
B					

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Case Narrative

CASE NARRATIVE
GC/MS VOLATILES
PROJECT # G7469
SDG: ANSON-3

INTRODUCTION

This narrative covers the analysis of eight (8) samples in accordance with protocols based on SW 846 Methodologies.

HOLDING TIMES

The analytical holding time for this analysis was met

CALIBRATIONS

All required minimum RRFs and maximum % RSD initial calibration requirements have been met in accordance with the Method.

All required minimum RRFs and maximum %D continuing calibration requirements have been met in accordance with the Method.

METHOD BLANKS

The method blanks associated with these samples did not contain any target compounds at or above QC limits. Methylene Chloride was found in method blank VBLK02 and Methyl t-butyl ether was found in VBLK01. Both concentrations were within QC limits.

SURROGATES (SYSTEM MONITORING COMPOUNDS)

All surrogate recoveries met QC criteria.

MATRIX SPIKES

Sample G7469-8 (MW7) was utilized for the MS/MSD analysis. All spike recoveries and all RPDs were within QC limits.

INTERNAL STANDARDS

All area responses and retention times fell within acceptable ranges.

SAMPLE COMMENTS

Samples were analyzed as per the required protocols. The concentration of Tetrachloroethene exceeded the highest calibration standard in samples G7469-4 and G7469-8. Reanalyses were performed at dilutions. Both sets of data are included in this data package, for your review. The concentration of this compound should be taken from the diluted analyses. No other analytical problems were encountered.

eleni - c:\excel\qc\clp\narratives\"g7469_v.doc"

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Methodology Summary

ETL METHODOLOGY SUMMARY
ORGANICS

AQUEOUS METHODOLOGIES:	***REFERENCE 2***	***REFERENCE 3***	***REFERENCE 5***
Base Neutral, Acids Extraction	3510B		
Pesticides/PCBs Extraction	3510B		
Purgeable Organics by GC/MS		624	524.2
Base/Neutral, Acids by GC/MS		625	
BTEX - Benzene, Toluene, Ethylbenzene, Xylenes		602	
Organochlorine Pesticide and PCB's by GC		608	

NON-AQUEOUS METHODOLOGIES:	
Base Neutral, Acids Extraction	3550A
Pesticides/PCBs Extraction	3550A
Purgeable Organics by GC/MS	8260B
Base/Neutral, Acids Extractables by GC/MS	8270C
BTEX - Benzene, Toluene, Ethylbenzene, Xylenes	8021B
Organochlorine Pesticide and PCB's by GC	8081A

MISCELLANEOUS:	
Chlorinated Herbicides by GC	8151A
Purgeable Organics by GC	8021B
Gas Chromatography Analysis	8000A
Diesel Range Organics, Aqueous Extraction	3510B (Modified)
Diesel Range Organics, Non-aqueous Extraction	3550A (Modified)
Diesel Range Organics, Analysis	8015A (Modified)
Florisil Column Clean-up	3620A
Gel-Permeation Clean-up	3640A
Sulfur Clean-up	3660A

ETL METHODOLOGY SUMMARY
METALS

INDUCTIVELY COUPLED PLASMA (ICP):	***REFERENCE 1***	***REFERENCE 2***
Aluminum	200.7	6010A
Antimony	200.7	6010A
Barium	200.7	6010A
Beryllium	200.7	6010A
Cadmium	200.7	6010A
Calcium	200.7	6010A
Chromium	200.7	6010A
Cobalt	200.7	6010A
Copper	200.7	6010A
Iron	200.7	6010A
Lead	200.7	6010A
Magnesium	200.7	6010A
Manganese	200.7	6010A
Molybdenum	200.7	6010A
Nickel	200.7	6010A
Potassium	200.7	6010A
Silver	200.7	6010A
Sodium	200.7	6010A
Tin	200.7	6010A
Titanium	200.7	6010A
Vanadium	200.7	6010A
Zinc	200.7	6010A
FURNACE (GFAA):		
Antimony	204.1	7041
Arsenic	206.2	7060A
Lead	239.2	7421
Selenium	270.2	7740
Thallium	279.2	7841
Tin	282.2	
Vanadium	286.2	7911
Mercury	245.1	7470A/7471A
ANALYTICAL LISTS:		
Priority Pollutant Metals (13)	200.7	6010/7060A/7470A/7740
TCL Metals (23)	200.7	6010/7060A/7470A/7740
RCRA Metals (8)	200.7	6010/7060A/7470A/7740

SAMPLE PREPARATION:	***REFERENCE 2***
ICP Sample Preparation (Aqueous)	3005A, 3010A, 3015
ICP Sample Preparation (Non-Aqueous)	3031, 3040A, 3050A, 3051, 3052
Furnace (GFAA) Sample Preparation (Aqueous)	3015, 3020A, 7060, 7740, 7761
Furnace (GFAA) Sample Prep. (Non-Aqueous)	3050A, 3051, 3052
Mercury Sample Preparation	7470A (Aqueous), 7471A (Non-Aqueous)

ETL METHODOLOGY SUMMARY
INORGANICS

ANALYSES	REFERENCE 1	REFERENCE 2	REFERENCE 6
Biochemical Oxygen Demand	405.1		
Color	110.2		
pH	150.1	9045C/ 9040B/9041A	
Total Dissolved Solids	160.1		209B
Total Suspended Solids	160.2		209C
Total Solids	160.3		
Hardness	130.1		
Temperature	170.1		
Turbidity	180.1		
Acidity	305.1		
Alkalinity	310.1		
Ammonia	350.2/350.3		
Chloride	325.3	9253	407A
Chlorine Demand		7470A	
Residual Chlorine	330.2		
Chemical Oxygen Demand	410.4		
Cyanide (Total & Amenable)	335.3/335.2	9010A/9012	
Oil & Grease	413.1/413.2	9070/9071A	
Fluoride	340.2		413B
Total Kjeldahl Nitrogen	351.2		
Nitrate/Nitrite (NO_2/NO_3)	353.3/354.1	9210	
Dissolved Oxygen	360.2		
Petroleum Hydrocarbons	418.1		
Phenolics	420.1		
Phosphorus	365.1/365.2		
Settleable Solids	160.5		
Sulfate	375.2/375.4	9038	4500
Sulfide	376.1	9030	
Surfactants	425.1		
Total Organic Carbon	415.1	9060	
Total Organic Halides		9020B	

MISCELLANEOUS ANALYSES	REFERENCE 2
Ignitability	1010
Corrosivity	1110
Toxicity Characteristic Leaching Procedure (TCLP)	1311
Hexavalent Chromium	312B (REF 1)

ETL METHODOLOGY SUMMARY
REFERENCES

(1) USEPA-600/4-79-020, Methods for Chemical Analysis of Water and Waste.

2) USEPA SW 846, Test Methods for Evaluating Solid Waste, Third Edition.

(3) Federal Register 40 CFR Part 136, Vol.49, No.209 Test Parameters for the Analysis of Pollutants.

(4) Federal Register Vol. 51, No. 216 Friday, 11/07/86, pp. 40643-40652.

5) Method for the Determination If Organic Compounds in Drinking Water, EPA 500/4-88/039, Dec. 1988.

'6) Standard Method for Examination of Water and Wastewater, 15 Edition 1980.

(7) Federal Register Vol. 55, No. 126 Friday, 06/29/90, pp. 26986-26996.

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Data Reporting Qualifiers

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ORGANIC METHOD QUALIFIERS for NON-CLP METHODOLOGIES

Q - Qualifier - specified enteries and their meanings are as follows:

U - Indicates compound was analyzed for, but was not detected. The sample quantitation limit is corrected for dilutions and for the moisture content for soil samples. If a sample extract can not be concentrated to the protocol specific volume, this fact is also accounted for in reporting the sample quantitation limit. The number is the minimum detected limits for the sample.

J - Indicates an estimated volume. The flag is used either when estimating concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicates the presence of a compound that meets the identification criteria, but the result is less than the sample quantitation limits, but greater than zero.

N - Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.

B - This flag is used when the analyte is found in the associated blank as well as the sample. It indicates possible/probable blank contamination and warns the data used to take appropriate action. This flag is used for a TIC as well as for a positively identified target compound.

E - This flag identifies a compound whose concentration exceeded the calibration range of the GC/MS instrument for that specified analysis.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.

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

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Volatiles Data

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QC Summary

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: ENVIRONMENTAL TESTING LABORATORY Contract: CA

Custody No: 57469 Site: _____ Location: _____ Group: _____

	SAMPLE NO.	SMC1 (DBFM)#	SMC2 (TOL) #	SMC3 (BFB) #	OTHER #	TOT OUT
1						
2	VBLK01	102	101	101		
3	G7469-1	100	101	99		
4	G7469-2	100	101	100		
5	G7469-3	100	101	99		
6	G7469-4	100	101	100		
7	G7469-5	101	101	100		
8	G7469-6	100	101	100		
9	G7469-7	101	101	100		
10	G7469-8	100	102	100		
11						
12						
13	VBLK02	100	101	101		
14	G7469-4RE1	100	101	102		
15	G7469-8RE1	101	101	102		
16	G7469-8MS	101	102	102		
17	G7469-8MSD	100	102	103		
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

	QC LIMITS
SMC1 (DBFM) = Dibromofluoromethane(SURR)	(86-118)
SMC2 (TOL) = Toluene-d8 (SURR)	(88-110)
SMC3 (BFB) = 4-Bromofluorobenzene (SURR)	(86-115)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D System Monitoring Compound diluted out

FORM II VOA-1

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ENVIRONMENTAL TESTING LABORATORY Contract: CA _____

Custody No.: G7469 Site: _____ Location: _____ Group: _____

Matrix Spike - Sample No.: G7469-8MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	1000	1.6	899	90	(61-145)
Benzene	1000	0	865	86	(71-120)
Trichloroethene	1000	71.3	890	82	(76-127)
Toluene	1000	0	853	85	(76-125)
Chlorobenzene	1000	0	839	84	(75-130)

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
1,1-Dichloroethene	1000	978	98	9	14	(61-145)
Benzene	1000	927	93	8	14	(71-120)
Trichloroethene	1000	961	89	8	11	(76-127)
Toluene	1000	918	92	8	13	(76-125)
Chlorobenzene	1000	903	90	7	13	(75-130)

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Comments: _____

_____

4A

SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLK01

Lab Name: ENVIRONMENTAL TESTING LABORATORY Contract: CA

Custody No.: G7469 Site: _____ Location: _____ Group: _____

Lab File ID : b6412.D Lab Sample ID: VBLK01

Data Analyzed : 5/28/98 Time Analyzed : 11:53

GC Column : TX624 ID : 0.53 mm Heated Purge : (Y/N) N

Instrument ID : 3

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	CC1137	CC1137	b6408	09:11
02	G7469-1	G7469-1	b6413	13:20
03	G7469-2	G7469-2	b6414	13:59
04	G7469-3	G7469-3	b6415	14:35
05	G7469-4	G7469-4	b6416	15:13
06	G7469-5	G7469-5	b6417	15:52
07	G7469-6	G7469-6	b6418	16:30
08	G7469-7	G7469-7	b6419	17:09
09	G7469-8	G7469-8	b6420	17:48
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

Comments: _____

_____

4A

SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLK02

Lab Name: ENVIRONMENTAL TESTING LABORATORY Contract: CA

Custody No.: G7469 Site: _____ Location: _____ Group: _____

Lab File ID : B6426.D Lab Sample ID: VBLK02

Data Analyzed : 5/29/98 Time Analyzed : 09:21

GC Column : RTX624 ID : 0.53 mm Heated Purge : (Y/N) N

Instrument ID : B

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

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
CC1138	CC1138	b6423	07:03
G7469-4RE1	G7469-4RE1	b6434	16:08
G7469-8RE1	G7469-8RE1	b6435	16:47
G7469-8MS	G7469-8MS	b6436	17:26
G7469-8MSD	G7469-8MSD	b6437	18:05

Comments: _____

FORM IV VOA-1

3/90

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

Lab Name: ENVIRONMENTAL TESTING LABORATORY Contract: CA

Custody No.: 57469 Site: _____ Location: _____ Group: _____

Lab File ID: BF296.D BFB Injection Date: 5/27/98

Instrument ID: B BFB Injection Time: 10:46

GC Column: RTX624 ID: 0.53 mm Heated Purge: (Y/N) N

m/e	ION ABUDANCE CRITERIA	% RELATIVE ABUDANCE
50	15.0 - 40.0% of mass 95	15.6
75	30.0 - 60.0% of mass 95	36.1
95	Base peak, 100% relative abudance	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 - 100.0% of mass 95	78.6
175	5.0 - 9.0% of mass 174	5.4 (6.8) 1
176	95.0 - 101.0% of mass 174	77.1 (98.0) 1
177	5.0 - 9.0% of mass 176	5.8 (7.6) 2

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

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTD005-IC27	VSTD005-IC27	b6377	5/27/98	11:57
VSTD020-IC27	VSTD020-IC27	b6378	5/27/98	12:35
VSTD050-IC27	VSTD050-IC27	b6379	5/27/98	13:14
VSTD100-IC27	VSTD100-IC27	b6380	5/27/98	13:53
VSTD150-IC27	VSTD150-IC27	b6381	5/27/98	14:32

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

Lab Name: ENVIRONMENTAL TESTING LABORATORY Contract: CA

Custody No.: G7469 Site: _____ Location: _____ Group: _____

Lab File ID: F299.D BFB Injection Date: 5/28/98

Instrument ID: 3 BFB Injection Time: 07:49

GC Column: TX624 ID: 0.53 mm Heated Purge: (Y/N) N

m/e	ION ABUDANCE CRITERIA	% RELATIVE ABUDANCE
50	15.0 - 40.0% of mass 95	17.1
75	30.0 - 60.0% of mass 95	33.8
95	Base peak, 100% relative abudance	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 - 100.0% of mass 95	88.8
175	5.0 - 9.0% of mass 174	6.0 (6.8) 1
176	95.0 - 101.0% of mass 174	85.4 (96.3) 1
177	5.0 - 9.0% of mass 176	6.1 (7.1) 2

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

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	CC11	CC11	b6408	5/28/98	09:11
2	VBLK01	VBLK01	b6412	5/28/98	11:53
3	G7469-1	G7469-1	b6413	5/28/98	13:20
4	G7469-2	G7469-2	b6414	5/28/98	13:59
5	G7469-3	G7469-3	b6415	5/28/98	14:35
6	G7469-4	G7469-4	b6416	5/28/98	15:13
7	G7469-5	G7469-5	b6417	5/28/98	15:52
8	G7469-6	G7469-6	b6418	5/28/98	16:30
9	G7469-7	G7469-7	b6419	5/28/98	17:09
10	G7469-8	G7469-8	b6420	5/28/98	17:48
11					
12					
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15					
16					
17					
18					
19					
20					
21					
22					

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

Lab Name: NVIRONMENTAL TESTING LABORATORY Contract: CA

Custody No. 7469 Site: _____ Location: _____ Group: _____

Lab File ID : 3F300.D BFB Injection Date: 5/29/98

Instrument I: B BFB Injection Time: 06:30

GC Column RTX624 ID : 0.53 mm Heated Purge : (Y/N) N

m/e	ION ABUDANCE CRITERIA	% RELATIVE ABUDANCE
50	15.0 - 40.0% of mass 95	15.0
75	30.0 - 60.0% of mass 95	33.5
95	Base peak, 100% relative abudance	100.0
96	5.0 - 9.0% of mass 95	5.4
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	81.5
175	5.0 - 9.0% of mass 174	7.3 (9.0) 1
176	95.0 - 101.0% of mass 174	78.7 (96.5) 1
177	5.0 - 9.0% of mass 176	4.7 (6.0) 2

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

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
CC11	CC11	b6423	5/29/98	07:03
VBLK02	VBLK02	b6426	5/29/98	09:21
G7469-4RE1	G7469-4RE1	b6434	5/29/98	16:08
G7469-8RE1	G7469-8RE1	b6435	5/29/98	16:47
G7469-8MS	G7469-8MS	b6436	5/29/98	17:26
G7469-8MSD	G7469-8MSD	b6437	5/29/98	18:05

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ENVIRONMENTAL TESTING LABORATORY Contract: CA

Custody No.: G7469 Site: _____ Location: _____ Group: _____

Lab File ID (Standard) : B6408.D Data Analyzed : 5/28/98

Instrument ID: 3 Time Analyzed : 09:11

GC Column: TX624 ID : 0.53 mm Heated Purge : (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	671836	15.49	719493	16.84	586352	22.23
UPPER LIMIT	1343672	15.99	1438986	17.34	1172704	22.73
LOWER LIMIT	335918	14.99	359746	16.34	293176	21.73
SAMPLE NO.						
01 VBLK01	654630	15.49	701122	16.85	575226	22.25
02 G7469-1	687038	15.47	724679	16.83	592595	22.23
03 G7469-2	656660	15.49	701481	16.85	567559	22.23
04 G7469-3	661020	15.50	708627	16.86	575286	22.24
05 G7469-4	660542	15.49	715584	16.85	574149	22.22
06 G7469-5	653604	15.47	697985	16.83	566487	22.22
07 G7469-6	659234	15.48	699031	16.84	569347	22.23
08 G7469-7	651089	15.48	695593	16.83	569606	22.22
09 G7469-8	643600	15.47	694029	16.83	561383	22.22
10						
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19						
20						
21						
22						

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene - d5
IS4 = 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 used to flag values outside QC limits with an asterisk
* Values outside of QC limits.

FORM VIII VOA

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ENVIRONMENTAL TESTING LABORATORY Contract: CA

Custody No.: G7469 Site: _____ Location: _____ Group: _____

Lab File ID (Standard): B6408.D Data Analyzed : 5/28/98

Instrument ID: B Time Analyzed : 09:11

GC Column: DTX624 ID : 0.53 mm Heated Purge : (Y/N) N

	IS4 AREA #	IS4 RT #	IS5 AREA #	IS5 RT #	IS6 AREA #	IS6 RT #
12 HOUR STD	346845	26.77				
UPPER LIMIT	693690	27.27				
LOWER LIMIT	173422	26.27				
SAMPLE NO.						
01 VBLK01	345000	26.78				
02 G7469	341589	26.78				
03 G7469-2	339120	26.76				
04 G7469-3	341304	26.78				
05 G7469-4	339795	26.77				
06 G7469-5	336504	26.77				
07 G7469-6	339018	26.77				
08 G7469-7	340151	26.76				
09 G7469-8	337733	26.77				
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16						
17						
18						
19						
20						
21						
22						

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene - d5
IS4 = 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 used to flag values outside QC limits with an asterisk
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ENVIRONMENTAL TESTING LABORATORY Contract: CA

Custody No.: G7469 Site: _____ Location: _____ Group: _____

Lab File ID (Standard) : B6423.D Data Analyzed : 5/29/98

Instrument Id: B Time Analyzed : 07:03

GC Column: DBTX624 ID : 0.53 mm Heated Purge : (Y/N) N

	IS1 AREA #	IS1 RT #	IS2 AREA #	IS2 RT #	IS3 AREA #	IS3 RT #
12 HOUR STD	720375	15.48	765771	16.83	615088	22.22
UPPER LIMIT	1440750	15.98	1531542	17.33	1230176	22.72
LOWER LIMIT	360187	14.98	382885	16.33	307544	21.72
SAMPLE NO.						
01 VBLK02	702627	15.45	741239	16.81	607752	22.22
02 G7469-4RE1	665436	15.47	711617	16.83	575586	22.22
03 G7469-8RE1	668908	15.48	718564	16.84	584245	22.23
04 G7469-8MS	668124	15.47	714034	16.84	579355	22.22
05 G7469-8MSD	676947	15.47	719318	16.83	587352	22.22
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20						
21						
22						

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene - d5
IS4 = 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 used to flag values outside QC limits with an asterisk
* Values outside of QC limits.

FORM VIII VOA

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ENVIRONMENTAL TESTING LABORATORY Contract: CA

Custody No.: G7469 Site: _____ Location: _____ Group: _____

Lab File ID (Standard) : B6423.D Data Analyzed : 5/29/98

Instrument ID : B Time Analyzed : 07:03

GC Column : RTX624 ID : 0.53 mm Heated Purge : (Y/N) N

	IS4 AREA #	IS4 RT #	IS5 AREA #	IS5 RT #	IS6 AREA #	IS6 RT #
12 HOUR STD	349541	26.77				
UPPER LIMIT	699082	27.27				
LOWER LIMIT	174770	26.27				
SAMPLE NO.						
01 VBLK02	355183	26.76				
02 G7469-[illegible]E I	335322	26.77				
03 G7469-[illegible]E I	338075	26.78				
04 G7469-[illegible]MS	349783	26.77				
05 G7469-[illegible]MSD	350545	26.76				
06						
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19						
20						
21						
22						

IS1 - [illegible]ntafluorobenzene
IS2 [illegible]-Difluorobenzene
IS3 [illegible]orobenzene - d5
IS4 [illegible]-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 used to flag values outside QC limits with an asterisk
* Values outside of QC limits.

FORM VIII VOA

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

Sample Data

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 1
Custody: G7469
Collected: 05/14/98 9:30 AM
Location: Trip Blank
Remarks:
Type: Blank
Matrix: Liquid

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
Dichlorodifluoromethane	**<0.88**	ppb	1	0.88	ppb
Chlorodifluoromethane	**<0.46**	ppb	1	0.46	ppb
Chloromethane	**<0.60**	ppb	1	0.60	ppb
Vinyl chloride	**<0.45**	ppb	1	0.45	ppb
Bromomethane	**<0.66**	ppb	1	0.66	ppb
Chloroethane	**<0.62**	ppb	1	0.62	ppb
Trichlorofluoromethane	**<0.45**	ppb	1	0.45	ppb
1,1,2-Trichlorotrifluoroethane	**<0.43**	ppb	1	0.43	ppb
1,1-Dichloroethene	**<0.48**	ppb	1	0.48	ppb
Acetone	**<1.79**	ppb	1	1.79	ppb
Carbon disulfide	**<0.27**	ppb	1	0.27	ppb
Methylene chloride	**<0.30**	ppb	1	0.30	ppb
trans-1,2-Dichloroethene	**<0.28**	ppb	1	0.28	ppb
Methyl t-butyl ether	**<0.23**	ppb	1	0.23	ppb
1,1-Dichloroethane	**<0.18**	ppb	1	0.18	ppb
2,2-Dichloropropane	**<0.41**	ppb	1	0.41	ppb
cis-1,2-Dichloroethene	**<0.34**	ppb	1	0.34	ppb
2-Butanone	**<2.06**	ppb	1	2.06	ppb
Bromochloromethane	**<0.30**	ppb	1	0.30	ppb
Chloroform	**<0.26**	ppb	1	0.26	ppb
1,1,1-Trichloroethane	**<0.31**	ppb	1	0.31	ppb
Carbon tetrachloride	**<0.35**	ppb	1	0.35	ppb
1,1-Dichloropropene	**<0.83**	ppb	1	0.83	ppb
Benzene	**<0.43**	ppb	1	0.43	ppb
1,2-Dichloroethane	**<0.19**	ppb	1	0.19	ppb
Trichloroethene	**<0.27**	ppb	1	0.27	ppb
1,2-Dichloropropane	**<0.27**	ppb	1	0.27	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 1 (continued)
Custody: G7469
Collected: 05/14/98 9:30 AM
Location: Trip Blank
Remarks:

Type: Blank
Matrix: Liquid

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
Dibromomethane	**<0.31**	ppb	1	0.31	ppb
Bromodichloromethane	**<0.12**	ppb	1	0.12	ppb
2-Chloroethylvinylether	**<0.45**	ppb	1	0.45	ppb
cis-1,3-Dichloro-1-propene	**<0.19**	ppb	1	0.19	ppb
4-Methyl-2-pentanone	**<0.74**	ppb	1	0.74	ppb
Toluene	**<0.70**	ppb	1	0.70	ppb
trans-1,3-Dichloropropene	**<0.21**	ppb	1	0.21	ppb
1,1,2-Trichloroethane	**<0.37**	ppb	1	0.37	ppb
Tetrachloroethene	**<0.29**	ppb	1	0.29	ppb
1,3-Dichloropropane	**<0.11**	ppb	1	0.11	ppb
2-Hexanone	**<1.24**	ppb	1	1.24	ppb
Dibromochloromethane	**<0.18**	ppb	1	0.18	ppb
1,2-Dibromoethane	**<0.14**	ppb	1	0.14	ppb
Chlorobenzene	**<0.22**	ppb	1	0.22	ppb
1,1,1,2-Tetrachloroethane	**<0.32**	ppb	1	0.32	ppb
Ethylbenzene	**<0.68**	ppb	1	0.68	ppb
m,p-Xylene	**2.0**	ppb	1	1.11	ppb
o-Xylene	**<0.73**	ppb	1	0.73	ppb
Styrene	**<0.30**	ppb	1	0.30	ppb
Bromoform	**<0.20**	ppb	1	0.20	ppb
Isopropylbenzene	**<0.21**	ppb	1	0.21	ppb
Bromobenzene	**<0.19**	ppb	1	0.19	ppb
1,1,2,2-Tetrachloroethane	**<0.20**	ppb	1	0.20	ppb
n-Propylbenzene	**<0.70**	ppb	1	0.70	ppb
1,2,3-Trichloropropane	**<0.72**	ppb	1	0.72	ppb
p-Ethyltoluene	**2.2**	ppb	1	0.54	ppb
1,3,5-Trimethylbenzene	**<0.74**	ppb	1	0.74	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 1 (continued)
Custody: G7469
Collected: 05/14/98 9:30 AM
Location: Trip Blank
Remarks:

Type: Blank
Matrix: Liquid

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
2-Chlorotoluene	**<0.27**	ppb	1	0.27	ppb
4-Chlorotoluene	**<0.14**	ppb	1	0.14	ppb
tert-Butylbenzene	**<0.30**	ppb	1	0.30	ppb
1,2,4-Trimethylbenzene	**2.6**	ppb	1	0.62	ppb
sec-Butylbenzene	**<0.36**	ppb	1	0.36	ppb
p-Isopropyltoluene	**<0.31**	ppb	1	0.31	ppb
1,3-Dichlorobenzene	**<0.11**	ppb	1	0.11	ppb
1,4-Dichlorobenzene	**<0.14**	ppb	1	0.14	ppb
1,2-Dichlorobenzene	**<0.19**	ppb	1	0.19	ppb
p-Diethylbenzene	**<0.65**	ppb	1	0.65	ppb
n-Butylbenzene	**<0.32**	ppb	1	0.32	ppb
1,2,4,5-Tetramethylbenzene	**<0.48**	ppb	1	0.48	ppb
1,2-Dibromo-3-chloropropane	**<0.59**	ppb	1	0.59	ppb
1,2,4-Trichlorobenzene	**<0.27**	ppb	1	0.27	ppb
Hexachlorobutadiene	**<0.32**	ppb	1	0.32	ppb
Naphthalene	**<0.18**	ppb	1	0.18	ppb
1,2,3-Trichlorobenzene	**<0.13**	ppb	1	0.13	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Quantitation Report

Data File : U:\DATA\B\B568\B6413.D
Acq On : 28 May 98 1:20 pm
Sample : G7469-1
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 13:52 1998

Vial: 27
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	15.47	168	687038	50.00		-0.02
27) 1,4-Difluorobenzene	16.83	114	724679	50.00		0.00
38) Chlorobenzene-d5	22.23	117	592595	50.00		0.00
55) 1,4-Dichlorobenzene-d4	26.78	152	341589	50.00		0.00
System Monitoring Compounds						**%Recovery**
23) Dibromofluoromethane	15.49	113	341982	50.05		100.10%
36) Toluene-d8	19.47	98	683256	50.39		100.78%
54) 4-Bromofluorobenzene	24.48	95	449755	49.37		98.75%
Target Compounds						**Qvalue**
~~35) 4-Methyl-2-pentanone~~	~~19.54~~	~~43~~	~~14218~~	~~3.94~~	~~#~~	~~36~~
~~48) Ethylbenzene~~	~~22.61~~	~~106~~	~~12681~~	~~2.51~~	~~#~~	~~30~~
49) m+p-Xylene	22.61	106	12681	1.99		87
60) p-Ethyltoluene	25.05	105	30320	2.18		99
65) 1,2,4-Trimethylbenzene	25.98	105	30859	2.60		99

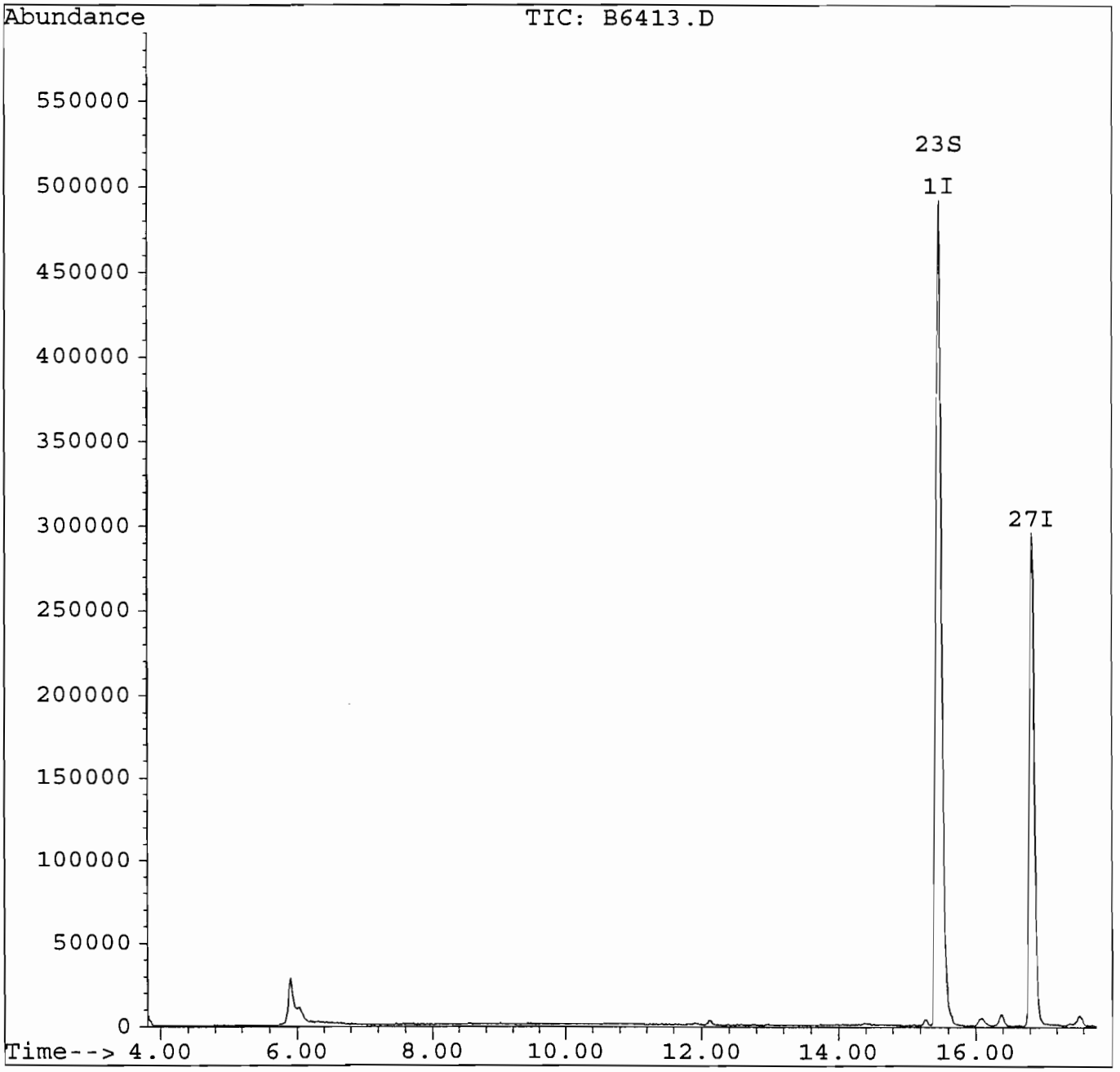
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : U:\DATA\B\B568\B6413.D
Acq On : 28 May 98 1:20 pm
Sample : G7469-1
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 13:52 1998

Vial: 27
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration

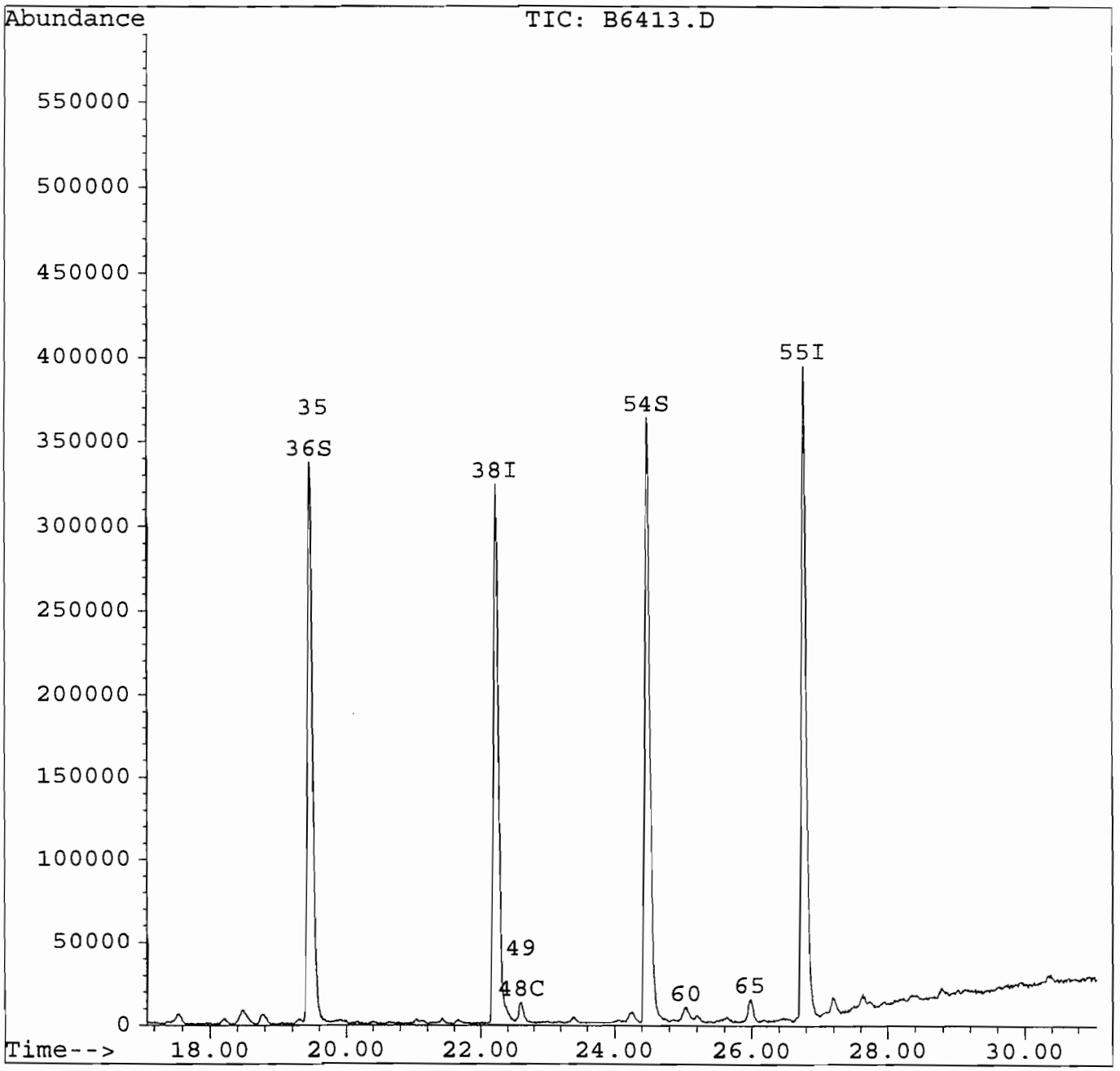


Quantitation Report

Data File : U:\DATA\B\B568\B6413.D
Acq On : 28 May 98 1:20 pm
Sample : G7469-1
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 13:52 1998

Vial: 27
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration



BNA Blanks

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 2
Custody: G7469
Collected: 05/14/98 3:00 PM
Location: Field Blank
Remarks:

Type: Blank
Matrix: Liquid

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
Dichlorodifluoromethane	**<0.88**	ppb	1	0.88	ppb
Chlorodifluoromethane	**<0.46**	ppb	1	0.46	ppb
Chloromethane	**<0.60**	ppb	1	0.60	ppb
Vinyl chloride	**<0.45**	ppb	1	0.45	ppb
Bromomethane	**<0.66**	ppb	1	0.66	ppb
Chloroethane	**<0.62**	ppb	1	0.62	ppb
Trichlorofluoromethane	**<0.45**	ppb	1	0.45	ppb
1,1,2-Trichlorotrifluoroethane	**<0.43**	ppb	1	0.43	ppb
1,1-Dichloroethene	**<0.48**	ppb	1	0.48	ppb
Acetone	**<1.79**	ppb	1	1.79	ppb
Carbon disulfide	**<0.27**	ppb	1	0.27	ppb
Methylene chloride	**<0.30**	ppb	1	0.30	ppb
trans-1,2-Dichloroethene	**<0.28**	ppb	1	0.28	ppb
Methyl t-butyl ether	**<0.23**	ppb	1	0.23	ppb
1,1-Dichloroethane	**<0.18**	ppb	1	0.18	ppb
2,2-Dichloropropane	**<0.41**	ppb	1	0.41	ppb
cis-1,2-Dichloroethene	**<0.34**	ppb	1	0.34	ppb
2-Butanone	**<2.06**	ppb	1	2.06	ppb
Bromochloromethane	**<0.30**	ppb	1	0.30	ppb
Chloroform	**<0.26**	ppb	1	0.26	ppb
1,1,1-Trichloroethane	**<0.31**	ppb	1	0.31	ppb
Carbon tetrachloride	**<0.35**	ppb	1	0.35	ppb
1,1-Dichloropropene	**<0.83**	ppb	1	0.83	ppb
Benzene	**<0.43**	ppb	1	0.43	ppb
1,2-Dichloroethane	**<0.19**	ppb	1	0.19	ppb
Trichloroethene	**<0.27**	ppb	1	0.27	ppb
1,2-Dichloropropane	**<0.27**	ppb	1	0.27	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 2 (continued)
Custody: G7469
Collected: 05/14/98 3:00 PM
Location: Field Blank
Remarks:

Type: Blank
Matrix: Liquid

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
Dibromomethane	**<0.31**	ppb	1	0.31	ppb
Bromodichloromethane	**<0.12**	ppb	1	0.12	ppb
2-Chloroethylvinylether	**<0.45**	ppb	1	0.45	ppb
cis-1,3-Dichloro-1-propene	**<0.19**	ppb	1	0.19	ppb
4-Methyl-2-pentanone	**<0.74**	ppb	1	0.74	ppb
Toluene	**<0.70**	ppb	1	0.70	ppb
trans-1,3-Dichloropropene	**<0.21**	ppb	1	0.21	ppb
1,1,2-Trichloroethane	**<0.37**	ppb	1	0.37	ppb
Tetrachloroethene	**<0.29**	ppb	1	0.29	ppb
1,3-Dichloropropane	**<0.11**	ppb	1	0.11	ppb
2-Hexanone	**<1.24**	ppb	1	1.24	ppb
Dibromochloromethane	**<0.18**	ppb	1	0.18	ppb
1,2-Dibromoethane	**<0.14**	ppb	1	0.14	ppb
Chlorobenzene	**<0.22**	ppb	1	0.22	ppb
1,1,1,2-Tetrachloroethane	**<0.32**	ppb	1	0.32	ppb
Ethylbenzene	**<0.68**	ppb	1	0.68	ppb
m,p-Xylene	**<1.11**	ppb	1	1.11	ppb
o-Xylene	**<0.73**	ppb	1	0.73	ppb
Styrene	**<0.30**	ppb	1	0.30	ppb
Bromoform	**<0.20**	ppb	1	0.20	ppb
Isopropylbenzene	**<0.21**	ppb	1	0.21	ppb
Bromobenzene	**<0.19**	ppb	1	0.19	ppb
1,1,2,2-Tetrachloroethane	**<0.20**	ppb	1	0.20	ppb
n-Propylbenzene	**<0.70**	ppb	1	0.70	ppb
1,2,3-Trichloropropane	**<0.72**	ppb	1	0.72	ppb
p-Ethyltoluene	**<0.54**	ppb	1	0.54	ppb
1,3,5-Trimethylbenzene	**<0.74**	ppb	1	0.74	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 2 (continued)
Custody: G7469
Collected: 05/14/98 3:00 PM
Location: Field Blank
Remarks:

Type: Blank
Matrix: Liquid

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
2-Chlorotoluene	**<0.27**	ppb	1	0.27	ppb
4-Chlorotoluene	**<0.14**	ppb	1	0.14	ppb
tert-Butylbenzene	**<0.30**	ppb	1	0.30	ppb
1,2,4-Trimethylbenzene	**<0.62**	ppb	1	0.62	ppb
sec-Butylbenzene	**<0.36**	ppb	1	0.36	ppb
p-Isopropyltoluene	**<0.31**	ppb	1	0.31	ppb
1,3-Dichlorobenzene	**<0.11**	ppb	1	0.11	ppb
1,4-Dichlorobenzene	**<0.14**	ppb	1	0.14	ppb
1,2-Dichlorobenzene	**<0.19**	ppb	1	0.19	ppb
p-Diethylbenzene	**<0.65**	ppb	1	0.65	ppb
n-Butylbenzene	**<0.32**	ppb	1	0.32	ppb
1,2,4,5-Tetramethylbenzene	**<0.48**	ppb	1	0.48	ppb
1,2-Dibromo-3-chloropropane	**<0.59**	ppb	1	0.59	ppb
1,2,4-Trichlorobenzene	**<0.27**	ppb	1	0.27	ppb
Hexachlorobutadiene	**<0.32**	ppb	1	0.32	ppb
Naphthalene	**<0.18**	ppb	1	0.18	ppb
1,2,3-Trichlorobenzene	**<0.13**	ppb	1	0.13	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Quantitation Report

Data File : U:\DATA\B\B568\B6414.D
Acq On : 28 May 98 1:59 pm
Sample : G7469-2
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 14:31 1998

Vial: 28
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	15.49	168	656660	50.00		0.00
27) 1,4-Difluorobenzene	16.85	114	701481	50.00		0.01
38) Chlorobenzene-d5	22.23	117	567559	50.00		0.00
55) 1,4-Dichlorobenzene-d4	26.76	152	339120	50.00		0.00
System Monitoring Compounds						%Recovery
23) Dibromofluoromethane	15.51	113	328323	50.27		100.54%
36) Toluene-d8	19.48	98	664522	50.63		101.25%
54) 4-Bromofluorobenzene	24.48	95	438081	50.21		100.43%
Target Compounds						Qvalue
~~29) Trichloroethene~~	~~16.85~~	~~95~~	~~12725~~	~~2.41~~		~~# 17~~

BW 6/10/98

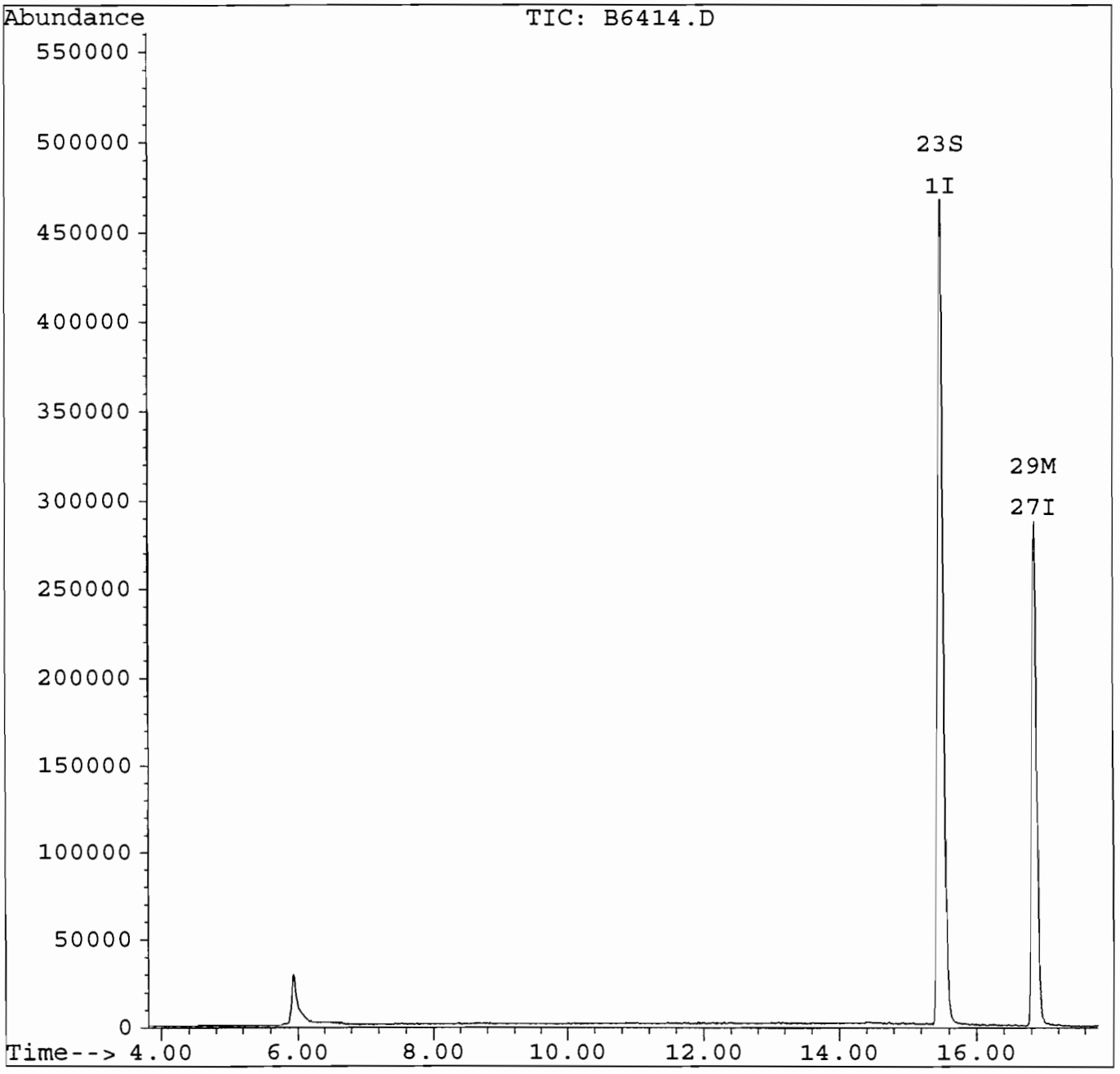
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : U:\DATA\B\B568\B6414.D
Acq On : 28 May 98 1:59 pm
Sample : G7469-2
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 14:31 1998

Vial: 28
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration



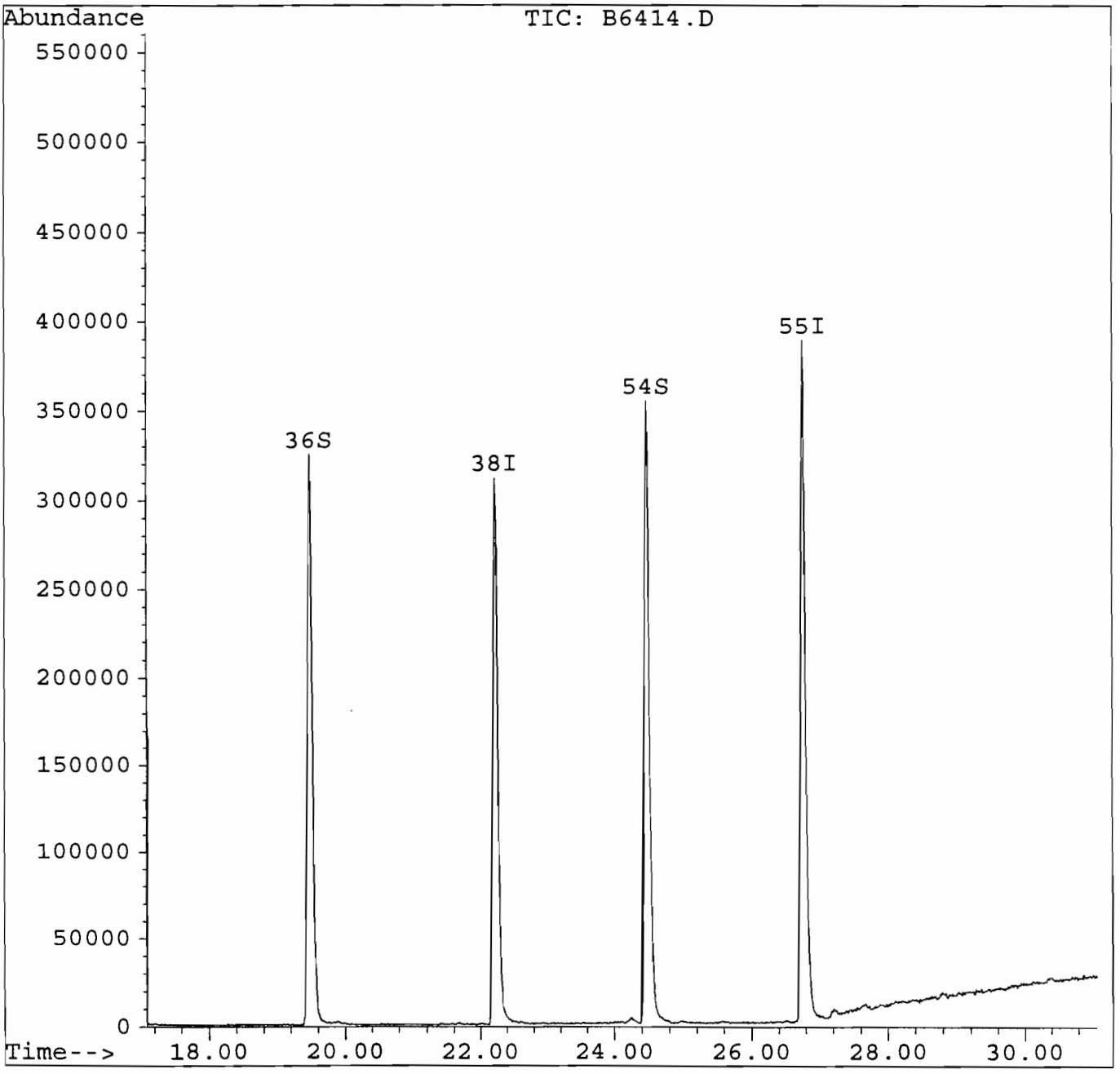
BW 6/10/98

Quantitation Report

Data File : U:\DATA\B\B568\B6414.D
Acq On : 28 May 98 1:59 pm
Sample : G7469-2
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 14:31 1998

Vial: 28
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration



DF 6/16/98

Environmental Testing Laboratories, Inc.
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ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 3
Custody: G7469
Collected: 05/14/98 12:50 PM
Location: MW 4
Remarks:
Type: Grab
Matrix: Liquid

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
Dichlorodifluoromethane	**<0.88**	ppb	1	0.88	ppb
Chlorodifluoromethane	**<0.46**	ppb	1	0.46	ppb
Chloromethane	**<0.60**	ppb	1	0.60	ppb
Vinyl chloride	**<0.45**	ppb	1	0.45	ppb
Bromomethane	**<0.66**	ppb	1	0.66	ppb
Chloroethane	**<0.62**	ppb	1	0.62	ppb
Trichlorofluoromethane	**<0.45**	ppb	1	0.45	ppb
1,1,2-Trichlorotrifluoroethane	**<0.43**	ppb	1	0.43	ppb
1,1-Dichloroethene	**<0.48**	ppb	1	0.48	ppb
Acetone	**<1.79**	ppb	1	1.79	ppb
Carbon disulfide	**<0.27**	ppb	1	0.27	ppb
Methylene chloride	**<0.30**	ppb	1	0.30	ppb
trans-1,2-Dichloroethene	**2.7**	ppb	1	0.28	ppb
Methyl t-butyl ether	**<0.23**	ppb	1	0.23	ppb
1,1-Dichloroethane	**<0.18**	ppb	1	0.18	ppb
2,2-Dichloropropane	**<0.41**	ppb	1	0.41	ppb
cis-1,2-Dichloroethene	**66.2**	ppb	1	0.34	ppb
2-Butanone	**<2.06**	ppb	1	2.06	ppb
Bromochloromethane	**<0.30**	ppb	1	0.30	ppb
Chloroform	**<0.26**	ppb	1	0.26	ppb
1,1,1-Trichloroethane	**<0.31**	ppb	1	0.31	ppb
Carbon tetrachloride	**<0.35**	ppb	1	0.35	ppb
1,1-Dichloropropene	**<0.83**	ppb	1	0.83	ppb
Benzene	**<0.43**	ppb	1	0.43	ppb
1,2-Dichloroethane	**<0.19**	ppb	1	0.19	ppb
Trichloroethene	**52.1**	ppb	1	0.27	ppb
1,2-Dichloropropane	**<0.27**	ppb	1	0.27	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 3 (continued)
Custody: G7469 Type: Grab
Collected: 05/14/98 12:50 PM Matrix: Liquid
Location: MW 4
Remarks:

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
Dibromomethane	**<0.31**	ppb	1	0.31	ppb
Bromodichloromethane	**<0.12**	ppb	1	0.12	ppb
2-Chloroethylvinylether	**<0.45**	ppb	1	0.45	ppb
cis-1,3-Dichloro-1-propene	**<0.19**	ppb	1	0.19	ppb
4-Methyl-2-pentanone	**<0.74**	ppb	1	0.74	ppb
Toluene	**<0.70**	ppb	1	0.70	ppb
trans-1,3-Dichloropropene	**<0.21**	ppb	1	0.21	ppb
1,1,2-Trichloroethane	**<0.37**	ppb	1	0.37	ppb
Tetrachloroethene	**118**	ppb	1	0.29	ppb
1,3-Dichloropropane	**<0.11**	ppb	1	0.11	ppb
2-Hexanone	**<1.24**	ppb	1	1.24	ppb
Dibromochloromethane	**<0.18**	ppb	1	0.18	ppb
1,2-Dibromoethane	**<0.14**	ppb	1	0.14	ppb
Chlorobenzene	**<0.22**	ppb	1	0.22	ppb
1,1,1,2-Tetrachloroethane	**<0.32**	ppb	1	0.32	ppb
Ethylbenzene	**<0.68**	ppb	1	0.68	ppb
m,p-Xylene	**<1.11**	ppb	1	1.11	ppb
o-Xylene	**<0.73**	ppb	1	0.73	ppb
Styrene	**<0.30**	ppb	1	0.30	ppb
Bromoform	**<0.20**	ppb	1	0.20	ppb
Isopropylbenzene	**<0.21**	ppb	1	0.21	ppb
Bromobenzene	**<0.19**	ppb	1	0.19	ppb
1,1,2,2-Tetrachloroethane	**<0.20**	ppb	1	0.20	ppb
n-Propylbenzene	**<0.70**	ppb	1	0.70	ppb
1,2,3-Trichloropropane	**<0.72**	ppb	1	0.72	ppb
p-Ethyltoluene	**<0.54**	ppb	1	0.54	ppb
1,3,5-Trimethylbenzene	**<0.74**	ppb	1	0.74	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 3 (continued)
Custody: G7469 Type: Grab
Collected: 05/14/98 12:50 PM Matrix: Liquid
Location: MW 4
Remarks:

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
2-Chlorotoluene	**<0.27**	ppb	1	0.27	ppb
4-Chlorotoluene	**<0.14**	ppb	1	0.14	ppb
tert-Butylbenzene	**<0.30**	ppb	1	0.30	ppb
1,2,4-Trimethylbenzene	**<0.62**	ppb	1	0.62	ppb
sec-Butylbenzene	**<0.36**	ppb	1	0.36	ppb
p-Isopropyltoluene	**<0.31**	ppb	1	0.31	ppb
1,3-Dichlorobenzene	**<0.11**	ppb	1	0.11	ppb
1,4-Dichlorobenzene	**<0.14**	ppb	1	0.14	ppb
1,2-Dichlorobenzene	**<0.19**	ppb	1	0.19	ppb
p-Diethylbenzene	**<0.65**	ppb	1	0.65	ppb
n-Butylbenzene	**<0.32**	ppb	1	0.32	ppb
1,2,4,5-Tetramethylbenzene	**<0.48**	ppb	1	0.48	ppb
1,2-Dibromo-3-chloropropane	**<0.59**	ppb	1	0.59	ppb
1,2,4-Trichlorobenzene	**<0.27**	ppb	1	0.27	ppb
Hexachlorobutadiene	**<0.32**	ppb	1	0.32	ppb
Naphthalene	**<0.18**	ppb	1	0.18	ppb
1,2,3-Trichlorobenzene	**<0.13**	ppb	1	0.13	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Quantitation Report

Data File : U:\DATA\B\B568\B6415.D
Acq On : 28 May 98 2:35 pm
Sample : G7469-3
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 15:07 1998

Vial: 29
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	15.50	168	661020	50.00		0.01
27) 1,4-Difluorobenzene	16.86	114	708627	50.00		0.02
38) Chlorobenzene-d5	22.24	117	575286	50.00		0.01
55) 1,4-Dichlorobenzene-d4	26.78	152	341304	50.00		0.00
System Monitoring Compounds						%Recovery
23) Dibromofluoromethane	15.53	113	329738	50.16		100.31%
36) Toluene-d8	19.50	98	672163	50.69		101.39%
54) 4-Bromofluorobenzene	24.49	95	439730	49.73		99.45%
Target Compounds						Qvalue
14) trans-1,2-Dichloroethene	12.66	96	11704	2.66		90
18) cis-1,2-Dichloroethene	14.70	96	292884	66.15		100
~~19) 2-Butanone~~	~~15.21~~	~~72~~	~~5686~~	~~22.18~~	~~#~~	~~1~~
~~22) 1,1,1-Trichloroethane~~	~~15.55~~	~~97~~	~~22103~~	~~4.17~~	~~#~~	~~1~~
~~24) Carbon tetrachloride~~	~~15.52~~	~~119~~	~~5506~~	~~1.18~~	~~#~~	~~1~~
29) Trichloroethene	17.32	95	277740	52.08		100
~~40) 1,1,2 Trichloroethane~~	~~20.58~~	~~83~~	~~14246~~	~~3.60~~	~~#~~	~~33~~
41) Tetrachloroethene	20.60	166	735209	117.81		98

BJT 6/10/98

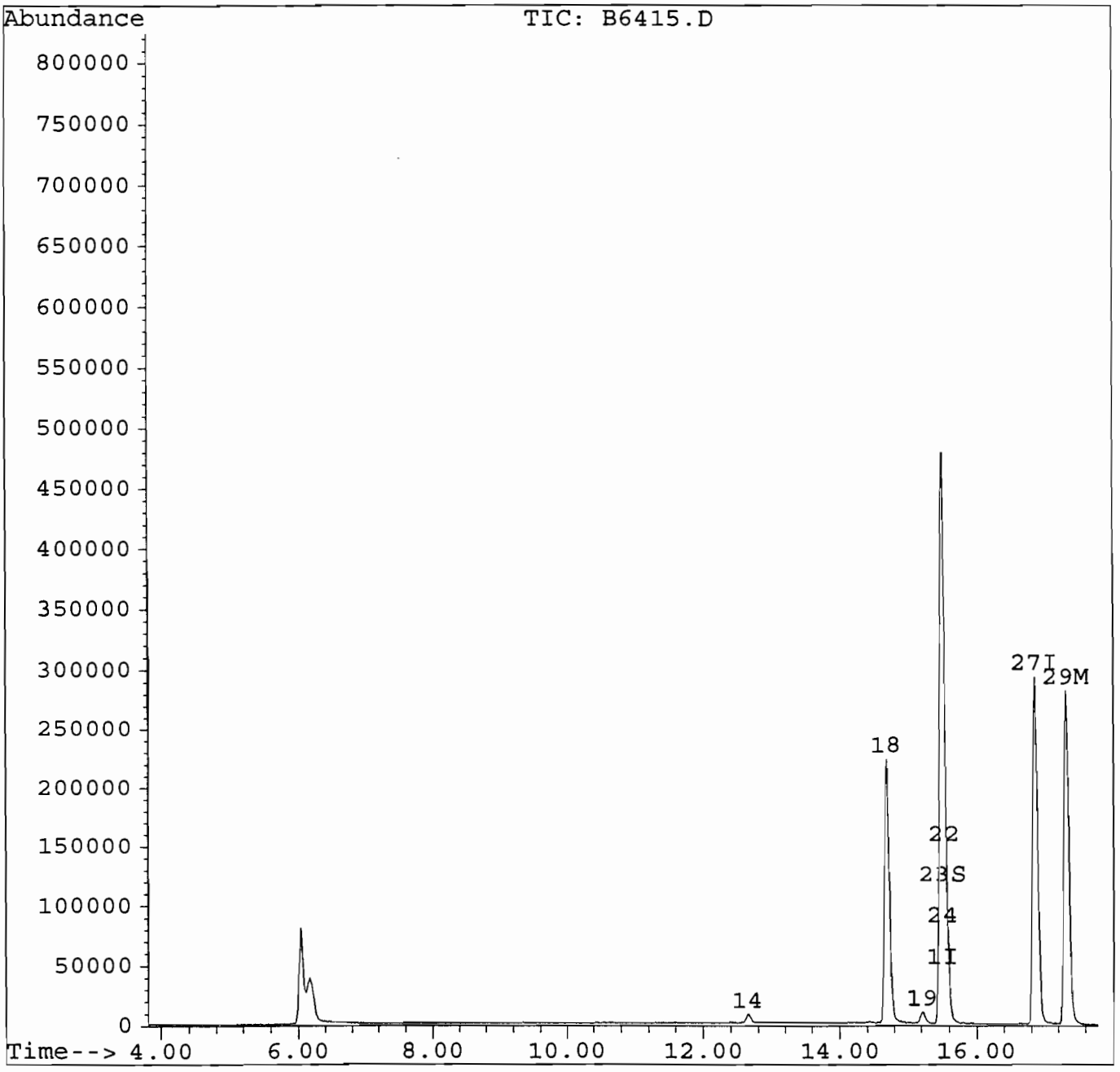
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : U:\DATA\B\B568\B6415.D
Acq On : 28 May 98 2:35 pm
Sample : G7469-3
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 15:07 1998

Vial: 29
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration



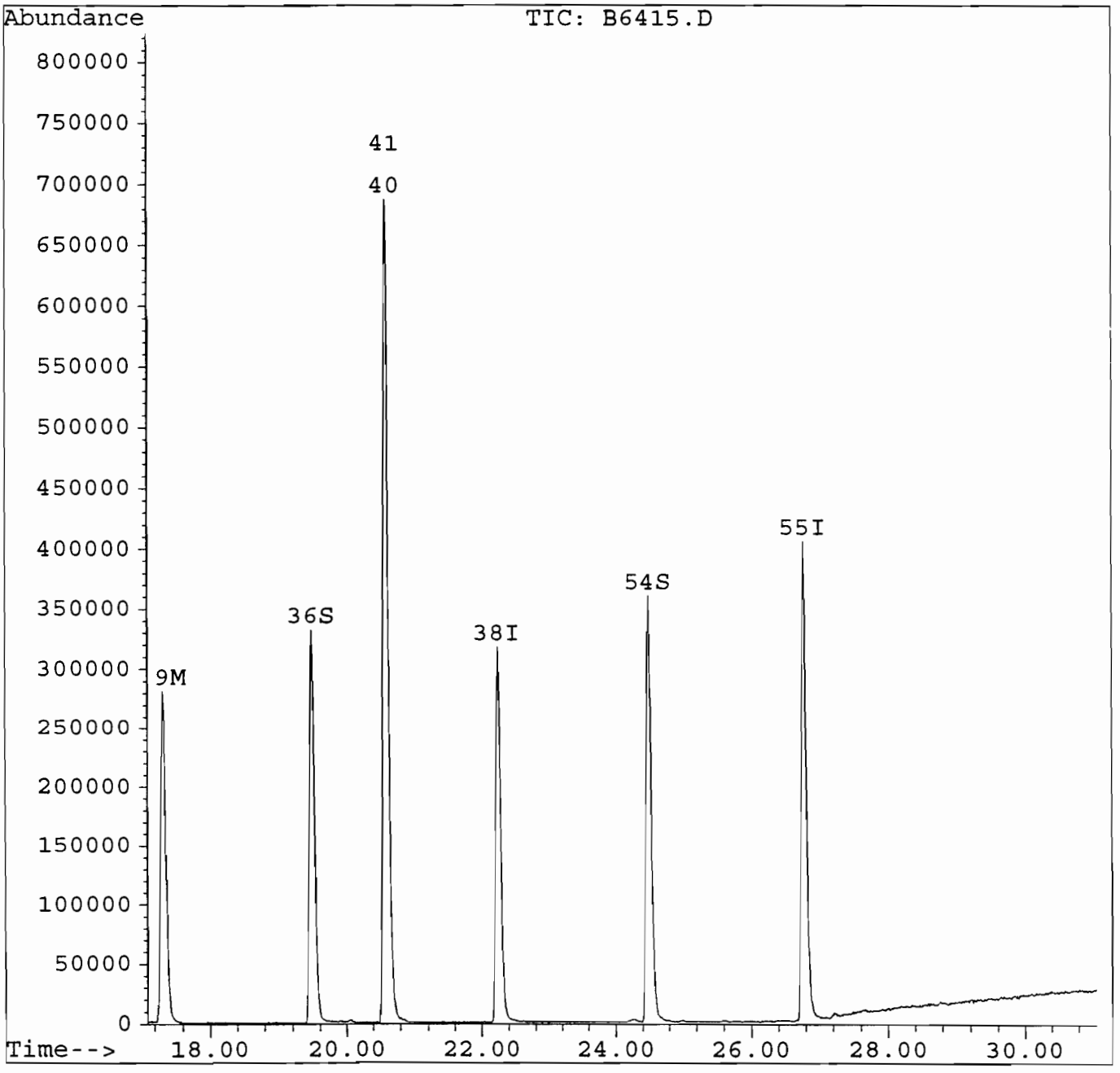
ans 6/10/98

Quantitation Report

Data File : U:\DATA\B\B568\B6415.D
Acq On : 28 May 98 2:35 pm
Sample : G7469-3
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 15:07 1998

Vial: 29
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration



BM 6/10/98

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 4
Custody: G7469 Type: Grab
Collected: 05/14/98 11:00 AM Matrix: Liquid
Location: MW 5
Remarks:

Analysis Information
Analyzed: 05/28/98, 05/29/98
Remarks: See case narrative

6/22/98

Analyte	Concentration	Units	Dilution	MDL	Units
Dichlorodifluoromethane	**<0.88**	ppb	1	0.88	ppb
Chlorodifluoromethane	**<0.46**	ppb	1	0.46	ppb
Chloromethane	**<0.60**	ppb	1	0.60	ppb
Vinyl chloride	**<0.45**	ppb	1	0.45	ppb
Bromomethane	**<0.66**	ppb	1	0.66	ppb
Chloroethane	**<0.62**	ppb	1	0.62	ppb
Trichlorofluoromethane	**<0.45**	ppb	1	0.45	ppb
1,1,2-Trichlorotrifluoroethane	**<0.43**	ppb	1	0.43	ppb
1,1-Dichloroethene	**1.6**	ppb	1	0.48	ppb
Acetone	**<1.79**	ppb	1	1.79	ppb
Carbon disulfide	**<0.27**	ppb	1	0.27	ppb
Methylene chloride	**<0.30**	ppb	1	0.30	ppb
trans-1,2-Dichloroethene	**1.3**	ppb	1	0.28	ppb
Methyl t-butyl ether	**<0.23**	ppb	1	0.23	ppb
1,1-Dichloroethane	**1.5**	ppb	1	0.18	ppb
2,2-Dichloropropane	**<0.41**	ppb	1	0.41	ppb
cis-1,2-Dichloroethene	**45.0**	ppb	1	0.34	ppb
2-Butanone	**<2.06**	ppb	1	2.06	ppb
Bromochloromethane	**<0.30**	ppb	1	0.30	ppb
Chloroform	**<0.26**	ppb	1	0.26	ppb
1,1,1-Trichloroethane	**24.4**	ppb	1	0.31	ppb
Carbon tetrachloride	**<0.35**	ppb	1	0.35	ppb
1,1-Dichloropropene	**<0.83**	ppb	1	0.83	ppb
Benzene	**<0.43**	ppb	1	0.43	ppb
1,2-Dichloroethane	**<0.19**	ppb	1	0.19	ppb
Trichloroethene	**69.6**	ppb	1	0.27	ppb
1,2-Dichloropropane	**<0.27**	ppb	1	0.27	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Environmental Testing Laboratories, Inc.
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ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 4 (continued)
Custody: G7469 Type: Grab
Collected: 05/14/98 11:00 AM Matrix: Liquid
Location: MW 5
Remarks:

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
Dibromomethane	**<0.31**	ppb	1	0.31	ppb
Bromodichloromethane	**<0.12**	ppb	1	0.12	ppb
2-Chloroethylvinylether	**<0.45**	ppb	1	0.45	ppb
cis-1,3-Dichloro-1-propene	**<0.19**	ppb	1	0.19	ppb
4-Methyl-2-pentanone	**<0.74**	ppb	1	0.74	ppb
Toluene	**<0.70**	ppb	1	0.70	ppb
trans-1,3-Dichloropropene	**<0.21**	ppb	1	0.21	ppb
1,1,2-Trichloroethane	**<0.37**	ppb	1	0.37	ppb
Tetrachloroethene	**876**	ppb	20	5.8	ppb
1,3-Dichloropropane	**<0.11**	ppb	1	0.11	ppb
2-Hexanone	**<1.24**	ppb	1	1.24	ppb
Dibromochloromethane	**<0.18**	ppb	1	0.18	ppb
1,2-Dibromoethane	**<0.14**	ppb	1	0.14	ppb
Chlorobenzene	**<0.22**	ppb	1	0.22	ppb
1,1,1,2-Tetrachloroethane	**<0.32**	ppb	1	0.32	ppb
Ethylbenzene	**<0.68**	ppb	1	0.68	ppb
m,p-Xylene	**<1.11**	ppb	1	1.11	ppb
o-Xylene	**<0.73**	ppb	1	0.73	ppb
Styrene	**<0.30**	ppb	1	0.30	ppb
Bromoform	**<0.20**	ppb	1	0.20	ppb
Isopropylbenzene	**<0.21**	ppb	1	0.21	ppb
Bromobenzene	**<0.19**	ppb	1	0.19	ppb
1,1,2,2-Tetrachloroethane	**<0.20**	ppb	1	0.20	ppb
n-Propylbenzene	**<0.70**	ppb	1	0.70	ppb
1,2,3-Trichloropropane	**<0.72**	ppb	1	0.72	ppb
p-Ethyltoluene	**<0.54**	ppb	1	0.54	ppb
1,3,5-Trimethylbenzene	**<0.74**	ppb	1	0.74	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Environmental Testing Laboratories, Inc.
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ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 4 (continued)
Custody: G7469
Collected: 05/14/98 11:00 AM
Location: MW 5
Remarks:
Type: Grab
Matrix: Liquid

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
2-Chlorotoluene	**<0.27**	ppb	1	0.27	ppb
4-Chlorotoluene	**<0.14**	ppb	1	0.14	ppb
tert-Butylbenzene	**<0.30**	ppb	1	0.30	ppb
1,2,4-Trimethylbenzene	**<0.62**	ppb	1	0.62	ppb
sec-Butylbenzene	**<0.36**	ppb	1	0.36	ppb
p-Isopropyltoluene	**<0.31**	ppb	1	0.31	ppb
1,3-Dichlorobenzene	**<0.11**	ppb	1	0.11	ppb
1,4-Dichlorobenzene	**<0.14**	ppb	1	0.14	ppb
1,2-Dichlorobenzene	**<0.19**	ppb	1	0.19	ppb
p-Diethylbenzene	**<0.65**	ppb	1	0.65	ppb
n-Butylbenzene	**<0.32**	ppb	1	0.32	ppb
1,2,4,5-Tetramethylbenzene	**<0.48**	ppb	1	0.48	ppb
1,2-Dibromo-3-chloropropane	**<0.59**	ppb	1	0.59	ppb
1,2,4-Trichlorobenzene	**<0.27**	ppb	1	0.27	ppb
Hexachlorobutadiene	**<0.32**	ppb	1	0.32	ppb
Naphthalene	**<0.18**	ppb	1	0.18	ppb
1,2,3-Trichlorobenzene	**<0.13**	ppb	1	0.13	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Quantitation Report

Data File : U:\DATA\B\B568\B6416.D
Acq On : 28 May 98 3:13 pm
Sample : G7469-4
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 15:45 1998

Vial: 30
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	15.49	168	660542	50.00		0.00
27) 1,4-Difluorobenzene	16.85	114	715584	50.00		0.00
38) Chlorobenzene-d5	22.22	117	574149	50.00		0.00
55) 1,4-Dichlorobenzene-d4	26.77	152	339795	50.00		0.00
System Monitoring Compounds						%Recovery
23) Dibromofluoromethane	15.51	113	328073	49.94		99.88%
36) Toluene-d8	19.47	98	673842	50.33		100.65%
54) 4-Bromofluorobenzene	24.49	95	441857	50.07		100.13%
Target Compounds						Qvalue
10) 1,1-Dichloroethene	10.96	96	6163	1.61		97
~~14) trans-1,2-Dichloroethene~~ OK	~~12.61~~	~~96~~ OK	~~5562~~	~~1.27~~ OK	~~#~~	~~78~~
16) 1,1-Dichloroethane	13.56	63	10531	1.54		100
18) cis-1,2-Dichloroethene	14.67	96	199172	45.02		95
~~19) 2-Butanone~~	~~15.19~~	~~72~~	~~5353460~~	~~20901.29~~	~~#~~	~~1~~
~~22) 1,1,1-Trichloroethane~~ OK	~~15.53~~	~~97~~ OK	~~129132~~	~~24.41~~ OK	~~#~~	~~67~~
~~24) Carbon tetrachloride~~	~~15.52~~	~~119~~	~~22099~~	~~4.72~~	~~#~~	~~1~~
29) Trichloroethene	17.31	95	374786	69.59		100
~~40) 1,1,2-Trichloroethane~~	~~20.58~~	~~83~~	~~94331~~	~~23.88~~	~~#~~	~~32~~
41) Tetrachloroethene	20.58	166	4613737	740.74 E		100

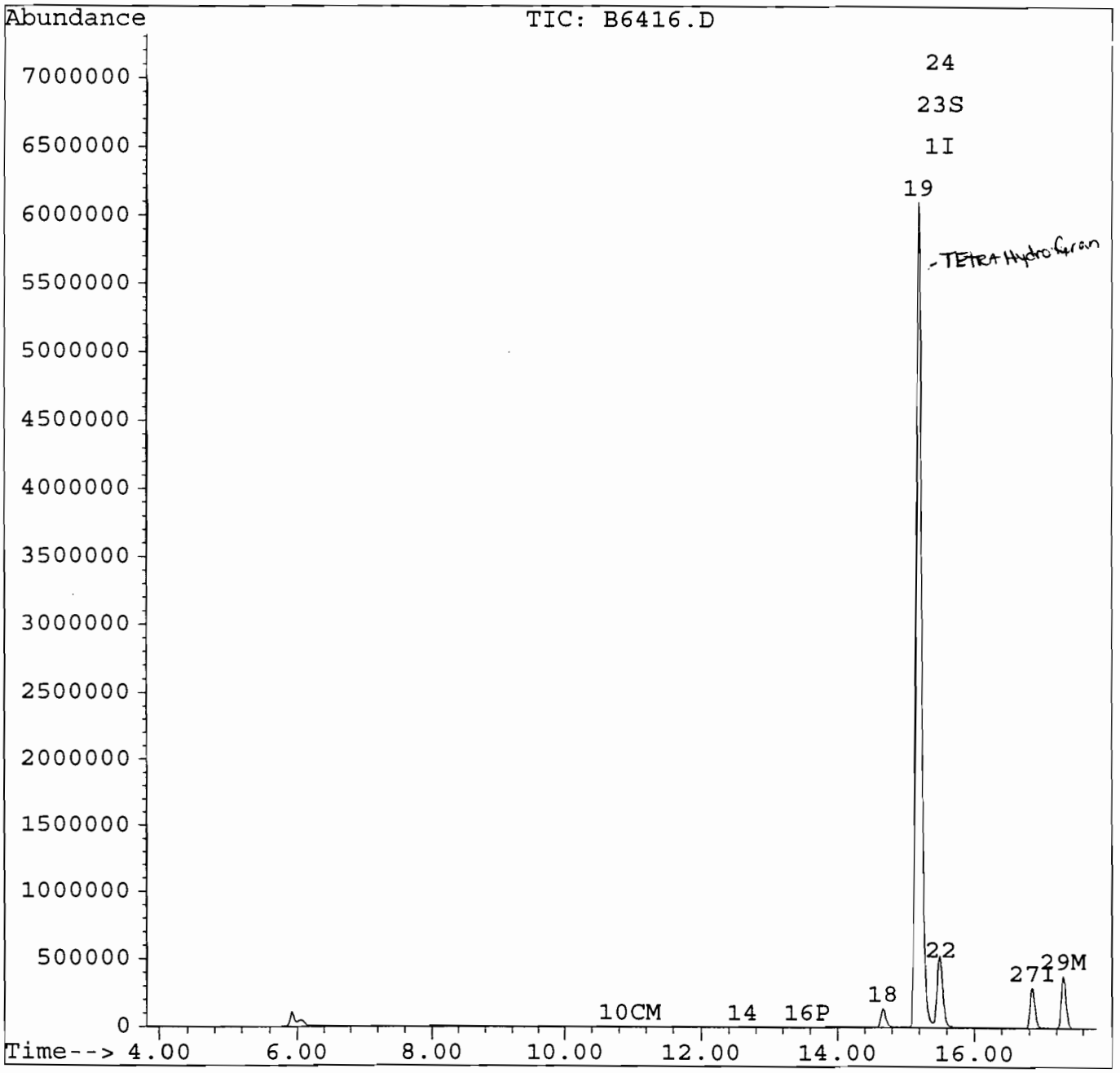
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : U:\DATA\B\B568\B6416.D
Acq On : 28 May 98 3:13 pm
Sample : G7469-4
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 15:45 1998

Vial: 30
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration



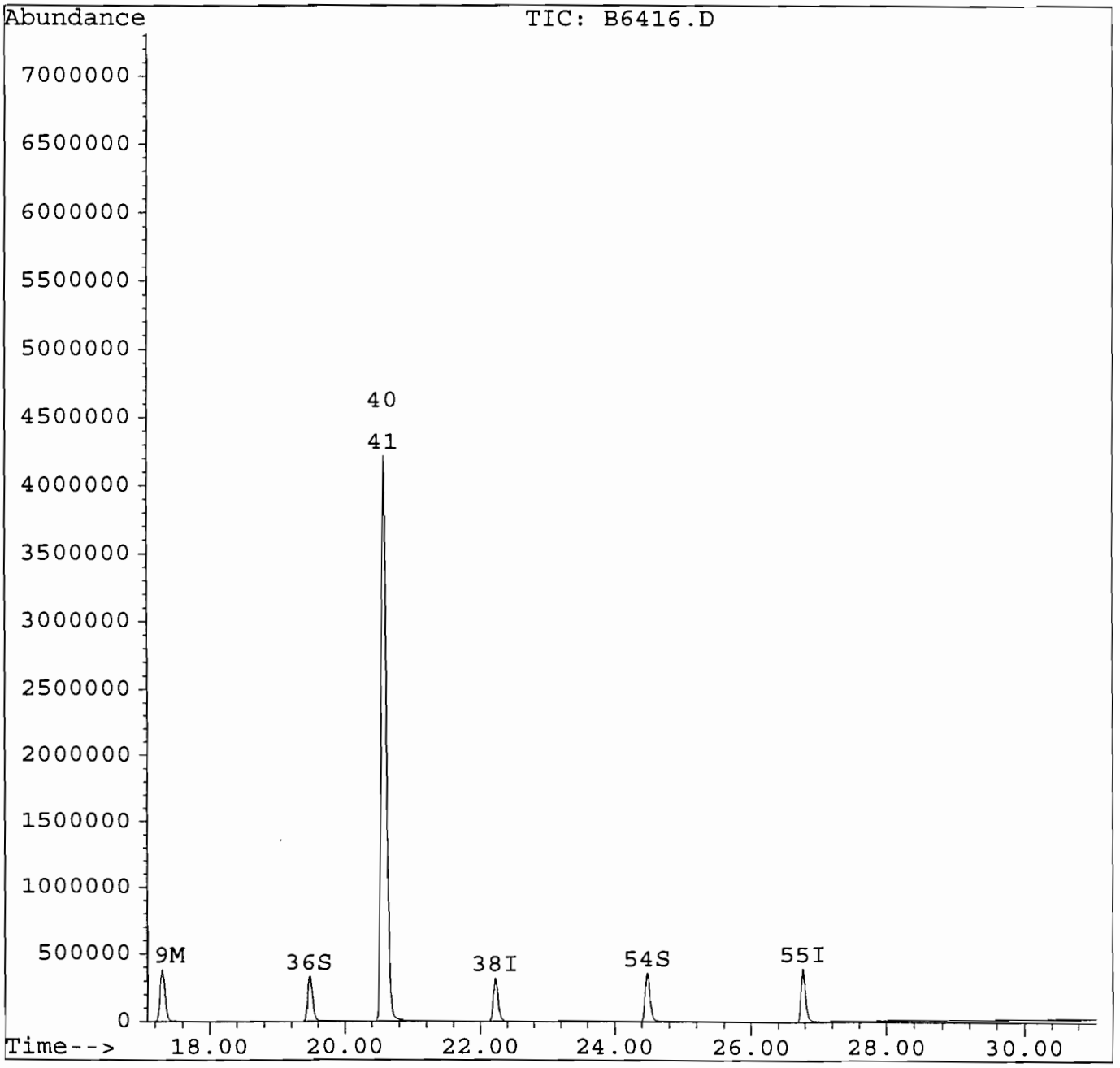
BNA 6/10/98

Quantitation Report

Data File : U:\DATA\B\B568\B6416.D
Acq On : 28 May 98 3:13 pm
Sample : G7469-4
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 15:45 1998

Vial: 30
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration



BMR 6/10/98

Quantitation Report

Data File : U:\DATA\B\B569\B6434.D
Acq On : 29 May 98 4:08 pm
Sample : G7469-4DL
Misc : ;20;L; 8260 LLW B569
Quant Time: May 29 16:40 1998

Vial: 31
Operator: BRYAN
Inst : 5971 MSD
Multiplr: 1.00

6/2/98

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Fri May 29 07:40:36 1998
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	15.47	168	665436	50.00		0.00
27) 1,4-Difluorobenzene	16.83	114	711617	50.00		0.00
38) Chlorobenzene-d5	22.22	117	575586	50.00		0.00
55) 1,4-Dichlorobenzene-d4	26.76	152	335322	50.00		0.00
System Monitoring Compounds						%Recovery
23) Dibromofluoromethane	15.50	113	332333	50.10		100.20%
36) Toluene-d8	19.47	98	677685	50.70		101.41%
54) 4-Bromofluorobenzene	24.47	95	450706	51.12		102.24%
Target Compounds						Qvalue
~~13) Methylene chloride~~	~~12.13~~	~~84~~	~~4017~~	~~1.02~~	~~#~~	~~78~~
~~18) cis-1,2-Dichloroethene~~	~~14.67~~	~~96~~	~~11921~~	~~2.90~~		~~91~~
~~19) 2-Butanone~~	~~15.18~~	~~72~~	~~191578~~	~~756.39~~	~~#~~	~~1~~
~~22) 1,1,1-Trichloroethane~~	~~15.51~~	~~97~~	~~6417~~	~~1.28~~	~~#~~	~~1~~
~~29) Trichloroethene~~	~~17.30~~	~~95~~	~~18275~~	~~3.58~~		~~96~~
~~40) 1,1,2-Trichloroethane~~	~~20.56~~	~~83~~	~~4550~~	~~1.23~~	~~#~~	~~18~~
41) Tetrachloroethene	20.57	166	264305	43.81		100

BM 6/10/98

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

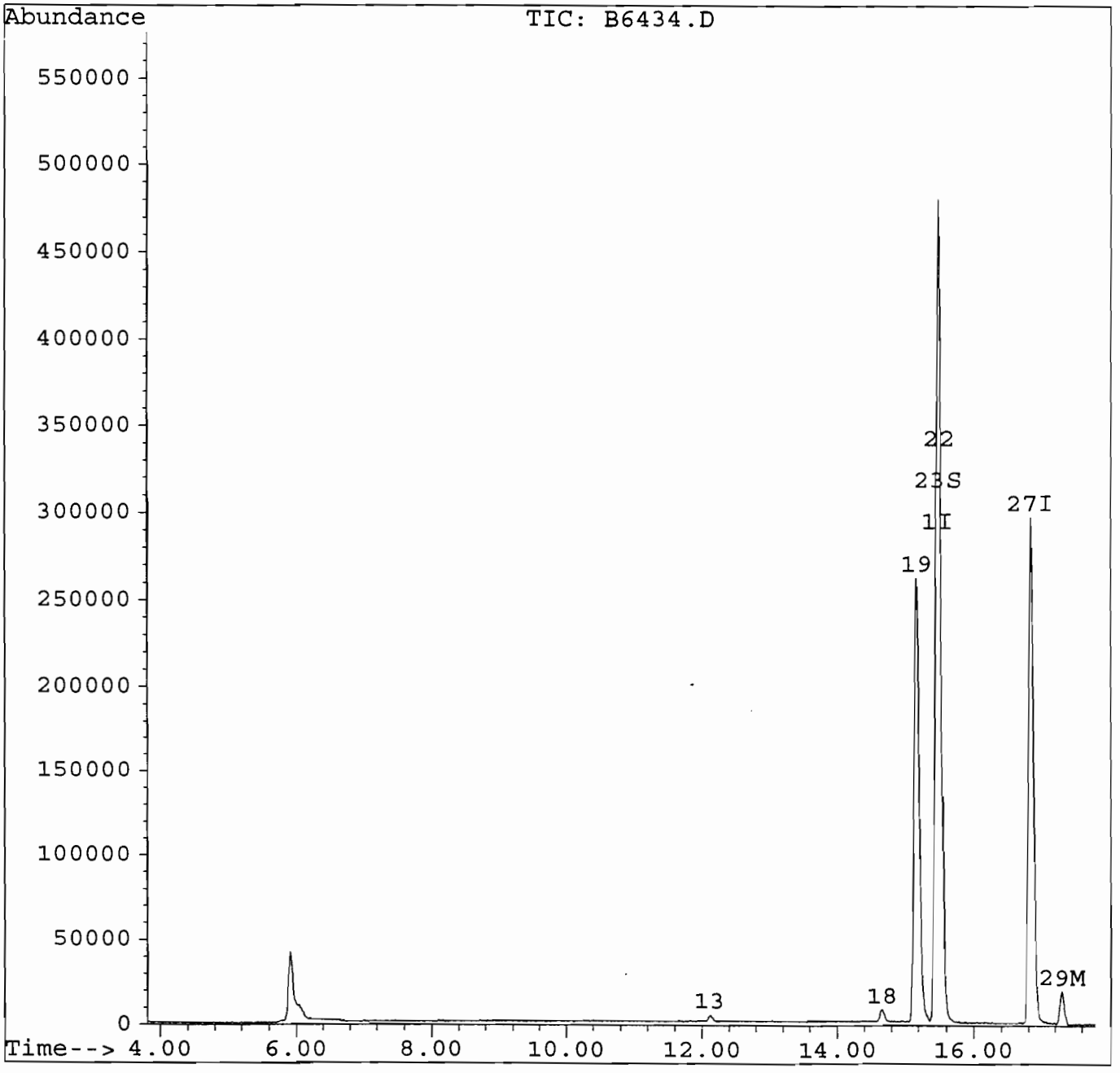
Quantitation Report

Data File : U:\DATA\B\B569\B6434.D
Acq On : 29 May 98 4:08 pm
Sample : G7469-4 DL
Misc : ;20;L; 8260 LLW B569
Quant Time: May 29 16:40 1998

Vial: 31
Operator: BRYAN
Inst : 5971 MSD
Multiplr: 1.00

6/29/98

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Fri May 29 07:40:36 1998
Response via : Single Level Calibration



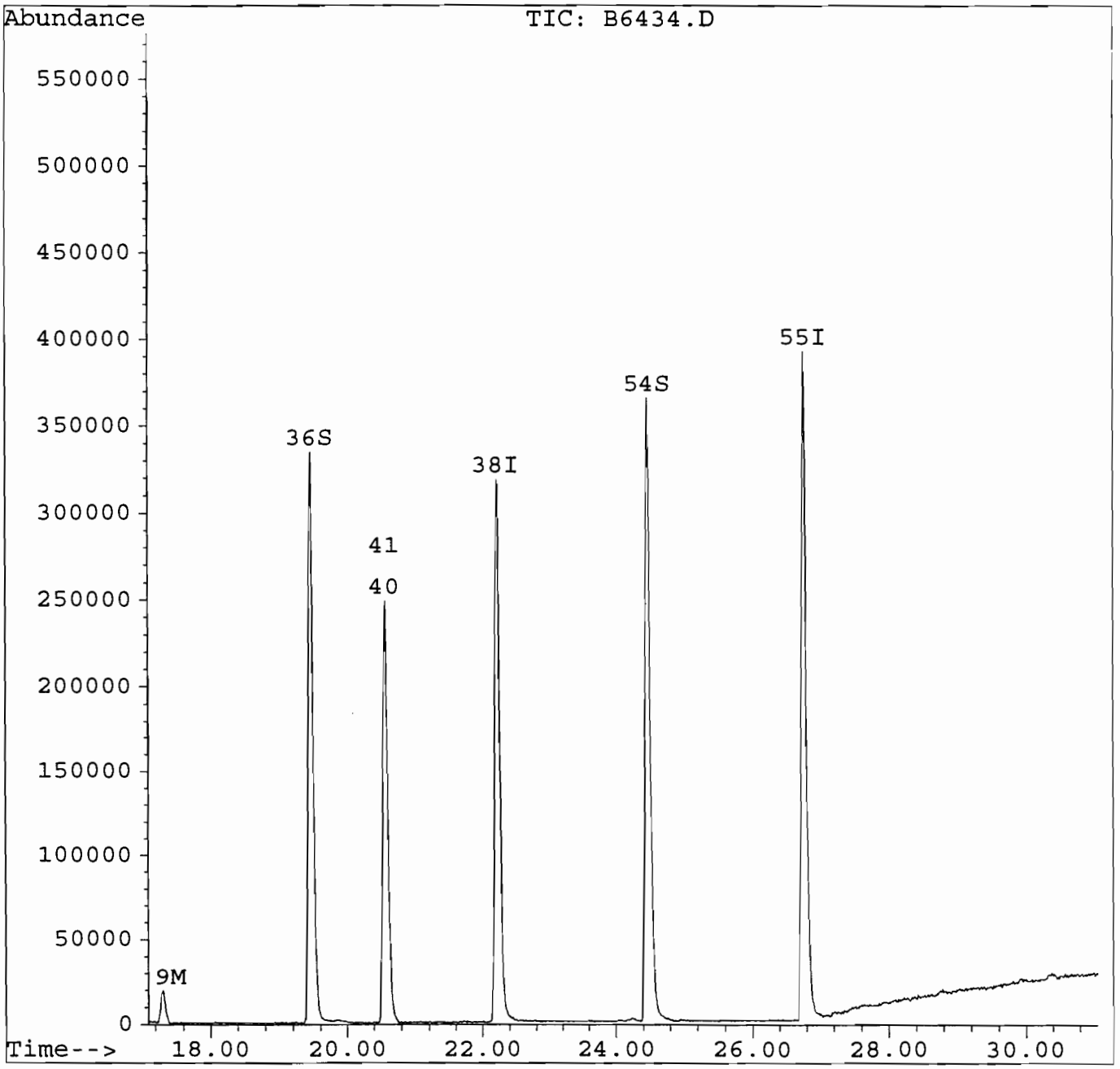
B4 6/10/98

Quantitation Report

Data File : U:\DATA\B\B569\B6434.D
Acq On : 29 May 98 4:08 pm
Sample : G7469-4DL
Misc : ;20;L; 8260 LLW B569
Quant Time: May 29 16:40 1998

Vial: 31
Operator: BRYAN
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Fri May 29 07:40:36 1998
Response via : Single Level Calibration



Environmental Testing Laboratories, Inc.
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ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 5
Custody: G7469 Type: Grab
Collected: 05/14/98 12:45 PM Matrix: Liquid
Location: MW 3
Remarks:

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
Dichlorodifluoromethane	**<0.88**	ppb	1	0.88	ppb
Chlorodifluoromethane	**<0.46**	ppb	1	0.46	ppb
Chloromethane	**<0.60**	ppb	1	0.60	ppb
Vinyl chloride	**<0.45**	ppb	1	0.45	ppb
Bromomethane	**<0.66**	ppb	1	0.66	ppb
Chloroethane	**<0.62**	ppb	1	0.62	ppb
Trichlorofluoromethane	**<0.45**	ppb	1	0.45	ppb
1,1,2-Trichlorotrifluoroethane	**<0.43**	ppb	1	0.43	ppb
1,1-Dichloroethene	**<0.48**	ppb	1	0.48	ppb
Acetone	**<1.79**	ppb	1	1.79	ppb
Carbon disulfide	**<0.27**	ppb	1	0.27	ppb
Methylene chloride	**<0.30**	ppb	1	0.30	ppb
trans-1,2-Dichloroethene	**<0.28**	ppb	1	0.28	ppb
Methyl t-butyl ether	**<0.23**	ppb	1	0.23	ppb
1,1-Dichloroethane	**<0.18**	ppb	1	0.18	ppb
2,2-Dichloropropane	**<0.41**	ppb	1	0.41	ppb
cis-1,2-Dichloroethene	**6.5**	ppb	1	0.34	ppb
2-Butanone	**<2.06**	ppb	1	2.06	ppb
Bromochloromethane	**<0.30**	ppb	1	0.30	ppb
Chloroform	**<0.26**	ppb	1	0.26	ppb
1,1,1-Trichloroethane	**<0.31**	ppb	1	0.31	ppb
Carbon tetrachloride	**<0.35**	ppb	1	0.35	ppb
1,1-Dichloropropene	**<0.83**	ppb	1	0.83	ppb
Benzene	**<0.43**	ppb	1	0.43	ppb
1,2-Dichloroethane	**<0.19**	ppb	1	0.19	ppb
Trichloroethene	**11.4**	ppb	1	0.27	ppb
1,2-Dichloropropane	**<0.27**	ppb	1	0.27	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Environmental Testing Laboratories, Inc.
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ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 5 (continued)
Custody: G7469
Collected: 05/14/98 12:45 PM
Location: MW 3
Remarks:
Type: Grab
Matrix: Liquid

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
Dibromomethane	**<0.31**	ppb	1	0.31	ppb
Bromodichloromethane	**<0.12**	ppb	1	0.12	ppb
2-Chloroethylvinylether	**<0.45**	ppb	1	0.45	ppb
cis-1,3-Dichloro-1-propene	**<0.19**	ppb	1	0.19	ppb
4-Methyl-2-pentanone	**<0.74**	ppb	1	0.74	ppb
Toluene	**<0.70**	ppb	1	0.70	ppb
trans-1,3-Dichloropropene	**<0.21**	ppb	1	0.21	ppb
1,1,2-Trichloroethane	**<0.37**	ppb	1	0.37	ppb
Tetrachloroethene	**142**	ppb	1	0.29	ppb
1,3-Dichloropropane	**<0.11**	ppb	1	0.11	ppb
2-Hexanone	**<1.24**	ppb	1	1.24	ppb
Dibromochloromethane	**<0.18**	ppb	1	0.18	ppb
1,2-Dibromoethane	**<0.14**	ppb	1	0.14	ppb
Chlorobenzene	**<0.22**	ppb	1	0.22	ppb
1,1,1,2-Tetrachloroethane	**<0.32**	ppb	1	0.32	ppb
Ethylbenzene	**<0.68**	ppb	1	0.68	ppb
m,p-Xylene	**<1.11**	ppb	1	1.11	ppb
o-Xylene	**<0.73**	ppb	1	0.73	ppb
Styrene	**<0.30**	ppb	1	0.30	ppb
Bromoform	**<0.20**	ppb	1	0.20	ppb
Isopropylbenzene	**<0.21**	ppb	1	0.21	ppb
Bromobenzene	**<0.19**	ppb	1	0.19	ppb
1,1,2,2-Tetrachloroethane	**<0.20**	ppb	1	0.20	ppb
n-Propylbenzene	**<0.70**	ppb	1	0.70	ppb
1,2,3-Trichloropropane	**<0.72**	ppb	1	0.72	ppb
p-Ethyltoluene	**<0.54**	ppb	1	0.54	ppb
1,3,5-Trimethylbenzene	**<0.74**	ppb	1	0.74	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Environmental Testing Laboratories, Inc.
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ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 5 (continued)
Custody: G7469 Type: Grab
Collected: 05/14/98 12:45 PM Matrix: Liquid
Location: MW 3
Remarks:

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
2-Chlorotoluene	**<0.27**	ppb	1	0.27	ppb
4-Chlorotoluene	**<0.14**	ppb	1	0.14	ppb
tert-Butylbenzene	**<0.30**	ppb	1	0.30	ppb
1,2,4-Trimethylbenzene	**<0.62**	ppb	1	0.62	ppb
sec-Butylbenzene	**<0.36**	ppb	1	0.36	ppb
p-Isopropyltoluene	**<0.31**	ppb	1	0.31	ppb
1,3-Dichlorobenzene	**<0.11**	ppb	1	0.11	ppb
1,4-Dichlorobenzene	**<0.14**	ppb	1	0.14	ppb
1,2-Dichlorobenzene	**<0.19**	ppb	1	0.19	ppb
p-Diethylbenzene	**<0.65**	ppb	1	0.65	ppb
n-Butylbenzene	**<0.32**	ppb	1	0.32	ppb
1,2,4,5-Tetramethylbenzene	**<0.48**	ppb	1	0.48	ppb
1,2-Dibromo-3-chloropropane	**<0.59**	ppb	1	0.59	ppb
1,2,4-Trichlorobenzene	**<0.27**	ppb	1	0.27	ppb
Hexachlorobutadiene	**<0.32**	ppb	1	0.32	ppb
Naphthalene	**1.4**	ppb	1	0.18	ppb
1,2,3-Trichlorobenzene	**<0.13**	ppb	1	0.13	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Quantitation Report

Data File : U:\DATA\B\B568\B6417.D
Acq On : 28 May 98 3:52 pm
Sample : G7469-5
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 16:24 1998

Vial: 31
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	15.47	168	653604	50.00		-0.01
27) 1,4-Difluorobenzene	16.83	114	697985	50.00		-0.02
38) Chlorobenzene-d5	22.22	117	566487	50.00		0.00
55) 1,4-Dichlorobenzene-d4	26.77	152	336504	50.00		0.00
System Monitoring Compounds						%Recovery
23) Dibromofluoromethane	15.49	113	328041	50.46		100.93%
36) Toluene-d8	19.46	98	657798	50.37		100.73%
54) 4-Bromofluorobenzene	24.48	95	433821	49.82		99.64%
Target Compounds						Qvalue
18) cis-1,2-Dichloroethene	14.65	96	28517	6.51		94
~~19) 2-Butanone~~	~~15.18~~	~~72~~	~~25433~~	~~100.35~~	~~#~~	~~1~~
~~22) 1,1,1-Trichloroethane~~	~~15.50~~	~~97~~	~~20470~~	~~3.91~~	~~#~~	~~1~~
~~24) Carbon tetrachloride~~	~~15.50~~	~~119~~	~~4939~~	~~1.07~~	~~#~~	~~1~~
29) Trichloroethene	17.30	95	60117	11.44		100
~~40) 1,1,2-Trichloroethane~~	~~20.57~~	~~83~~	~~16716~~	~~4.29~~	~~#~~	~~31~~
41) Tetrachloroethene	20.57	166	871878	141.87		96
77) Naphthalene	30.24	128	12932	1.43		96

BTM 6/10/98

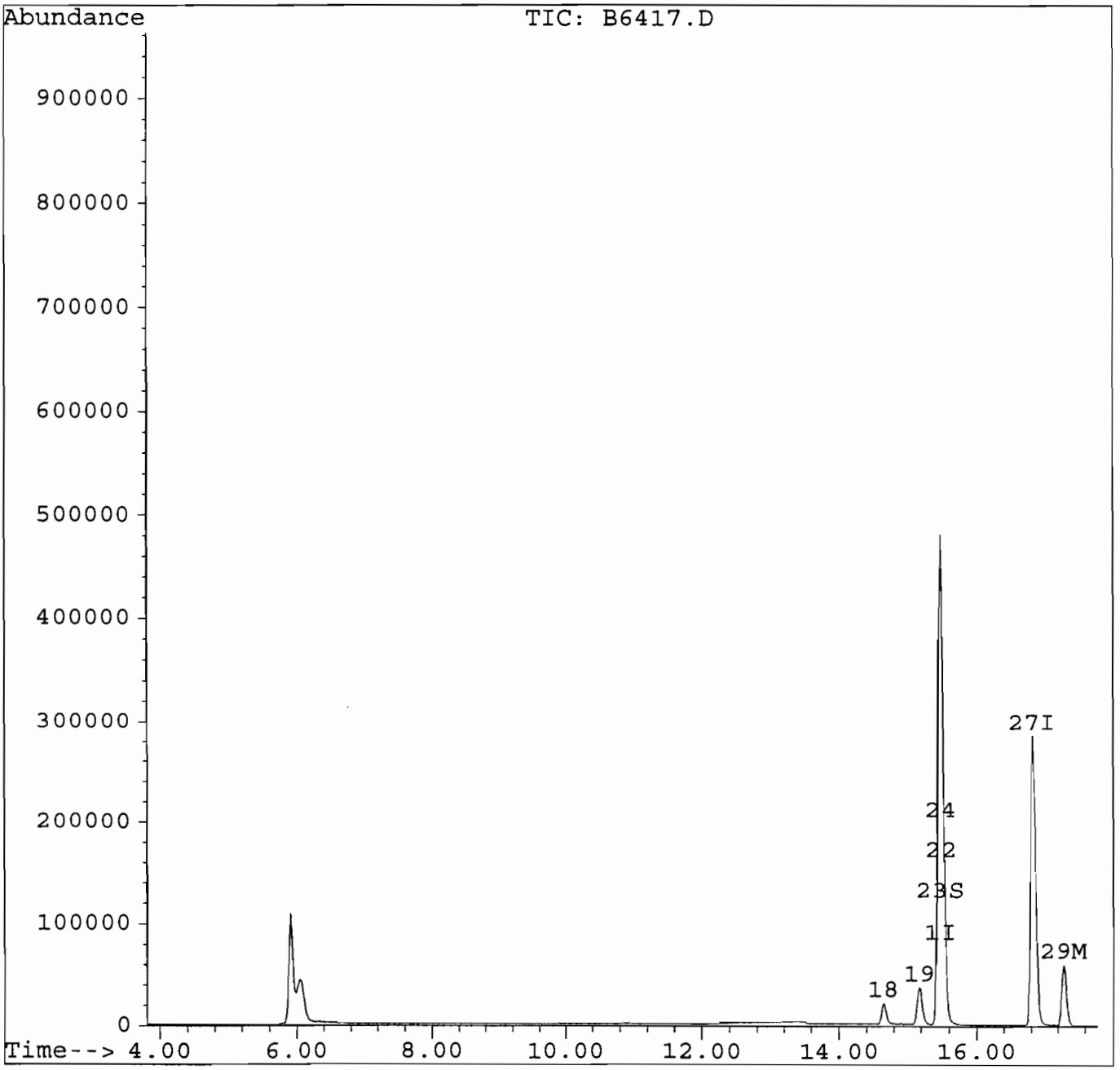
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : U:\DATA\B\B568\B6417.D
Acq On : 28 May 98 3:52 pm
Sample : G7469-5
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 16:24 1998

Vial: 31
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration



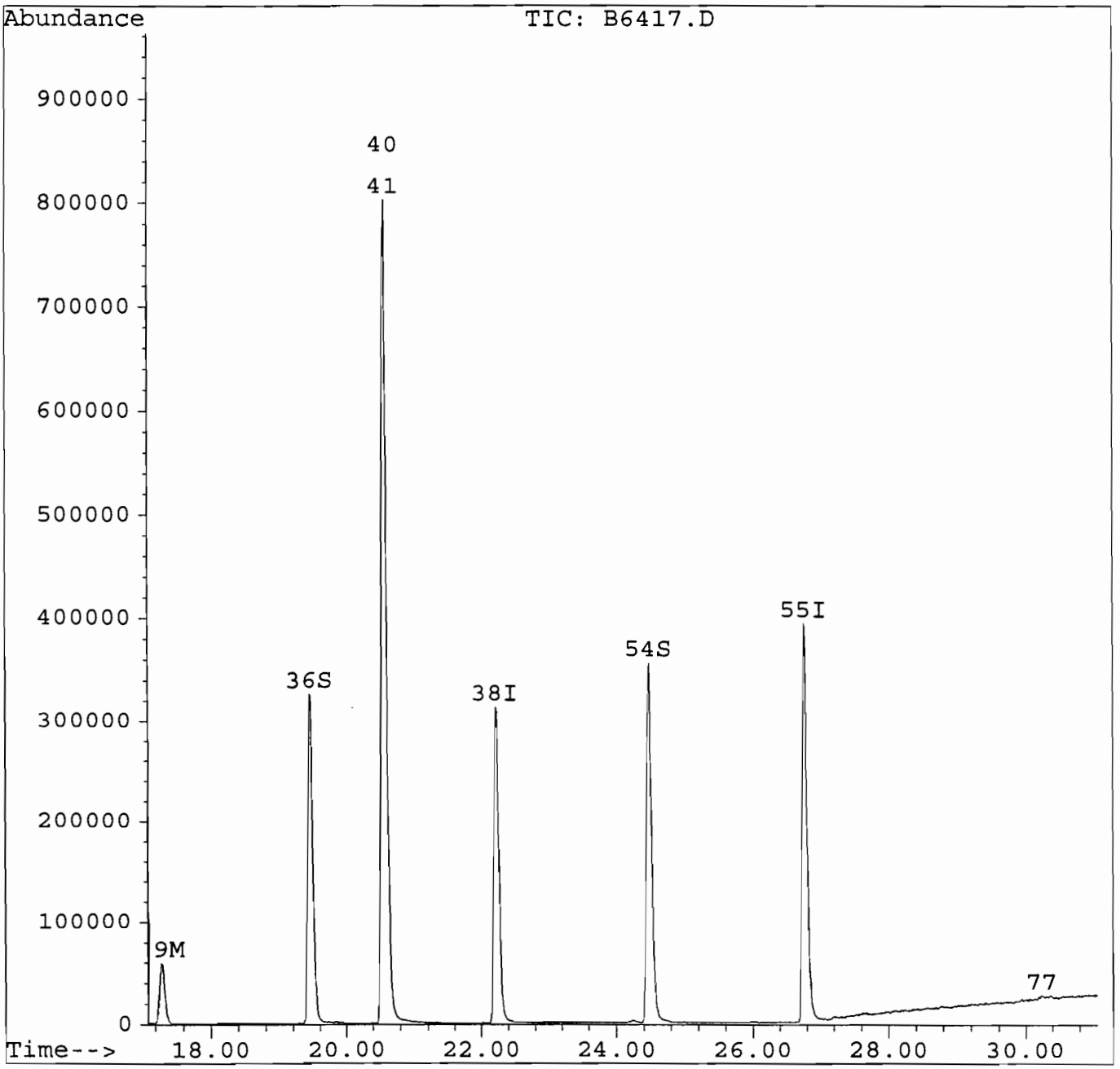
B97 6/10/98

Quantitation Report

Data File : U:\DATA\B\B568\B6417.D
Acq On : 28 May 98 3:52 pm
Sample : G7469-5
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 16:24 1998

Vial: 31
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration



BNA 6/10/98

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 6
Custody: G7469
Collected: 05/14/98 3:05 PM
Location: MW 2
Remarks:
Type: Grab
Matrix: Liquid

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
Dichlorodifluoromethane	**<0.88**	ppb	1	0.88	ppb
Chlorodifluoromethane	**<0.46**	ppb	1	0.46	ppb
Chloromethane	**<0.60**	ppb	1	0.60	ppb
Vinyl chloride	**<0.45**	ppb	1	0.45	ppb
Bromomethane	**<0.66**	ppb	1	0.66	ppb
Chloroethane	**<0.62**	ppb	1	0.62	ppb
Trichlorofluoromethane	**<0.45**	ppb	1	0.45	ppb
1,1,2-Trichlorotrifluoroethane	**<0.43**	ppb	1	0.43	ppb
1,1-Dichloroethene	**<0.48**	ppb	1	0.48	ppb
Acetone	**<1.79**	ppb	1	1.79	ppb
Carbon disulfide	**<0.27**	ppb	1	0.27	ppb
Methylene chloride	**<0.30**	ppb	1	0.30	ppb
trans-1,2-Dichloroethene	**<0.28**	ppb	1	0.28	ppb
Methyl t-butyl ether	**<0.23**	ppb	1	0.23	ppb
1,1-Dichloroethane	**<0.18**	ppb	1	0.18	ppb
2,2-Dichloropropane	**<0.41**	ppb	1	0.41	ppb
cis-1,2-Dichloroethene	**1.5**	ppb	1	0.34	ppb
2-Butanone	**<2.06**	ppb	1	2.06	ppb
Bromochloromethane	**<0.30**	ppb	1	0.30	ppb
Chloroform	**<0.26**	ppb	1	0.26	ppb
1,1,1-Trichloroethane	**<0.31**	ppb	1	0.31	ppb
Carbon tetrachloride	**<0.35**	ppb	1	0.35	ppb
1,1-Dichloropropene	**<0.83**	ppb	1	0.83	ppb
Benzene	**<0.43**	ppb	1	0.43	ppb
1,2-Dichloroethane	**<0.19**	ppb	1	0.19	ppb
Trichloroethene	**<0.27**	ppb	1	0.27	ppb
1,2-Dichloropropane	**<0.27**	ppb	1	0.27	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 6 (continued)
Custody: G7469
Collected: 05/14/98 3:05 PM
Location: MW 2
Remarks:

Type: Grab
Matrix: Liquid

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
Dibromomethane	**<0.31**	ppb	1	0.31	ppb
Bromodichloromethane	**<0.12**	ppb	1	0.12	ppb
2-Chloroethylvinylether	**<0.45**	ppb	1	0.45	ppb
cis-1,3-Dichloro-1-propene	**<0.19**	ppb	1	0.19	ppb
4-Methyl-2-pentanone	**<0.74**	ppb	1	0.74	ppb
Toluene	**<0.70**	ppb	1	0.70	ppb
trans-1,3-Dichloropropene	**<0.21**	ppb	1	0.21	ppb
1,1,2-Trichloroethane	**<0.37**	ppb	1	0.37	ppb
Tetrachloroethene	**148**	ppb	1	0.29	ppb
1,3-Dichloropropane	**<0.11**	ppb	1	0.11	ppb
2-Hexanone	**<1.24**	ppb	1	1.24	ppb
Dibromochloromethane	**<0.18**	ppb	1	0.18	ppb
1,2-Dibromoethane	**<0.14**	ppb	1	0.14	ppb
Chlorobenzene	**<0.22**	ppb	1	0.22	ppb
1,1,1,2-Tetrachloroethane	**<0.32**	ppb	1	0.32	ppb
Ethylbenzene	**<0.68**	ppb	1	0.68	ppb
m,p-Xylene	**<1.11**	ppb	1	1.11	ppb
o-Xylene	**<0.73**	ppb	1	0.73	ppb
Styrene	**<0.30**	ppb	1	0.30	ppb
Bromoform	**<0.20**	ppb	1	0.20	ppb
Isopropylbenzene	**<0.21**	ppb	1	0.21	ppb
Bromobenzene	**<0.19**	ppb	1	0.19	ppb
1,1,2,2-Tetrachloroethane	**<0.20**	ppb	1	0.20	ppb
n-Propylbenzene	**<0.70**	ppb	1	0.70	ppb
1,2,3-Trichloropropane	**<0.72**	ppb	1	0.72	ppb
p-Ethyltoluene	**<0.54**	ppb	1	0.54	ppb
1,3,5-Trimethylbenzene	**<0.74**	ppb	1	0.74	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 6 (continued)
Custody: G7469
Collected: 05/14/98 3:05 PM
Location: MW 2
Remarks:
Type: Grab
Matrix: Liquid

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
2-Chlorotoluene	**<0.27**	ppb	1	0.27	ppb
4-Chlorotoluene	**<0.14**	ppb	1	0.14	ppb
tert-Butylbenzene	**<0.30**	ppb	1	0.30	ppb
1,2,4-Trimethylbenzene	**<0.62**	ppb	1	0.62	ppb
sec-Butylbenzene	**<0.36**	ppb	1	0.36	ppb
p-Isopropyltoluene	**<0.31**	ppb	1	0.31	ppb
1,3-Dichlorobenzene	**<0.11**	ppb	1	0.11	ppb
1,4-Dichlorobenzene	**<0.14**	ppb	1	0.14	ppb
1,2-Dichlorobenzene	**<0.19**	ppb	1	0.19	ppb
p-Diethylbenzene	**<0.65**	ppb	1	0.65	ppb
n-Butylbenzene	**<0.32**	ppb	1	0.32	ppb
1,2,4,5-Tetramethylbenzene	**<0.48**	ppb	1	0.48	ppb
1,2-Dibromo-3-chloropropane	**<0.59**	ppb	1	0.59	ppb
1,2,4-Trichlorobenzene	**<0.27**	ppb	1	0.27	ppb
Hexachlorobutadiene	**<0.32**	ppb	1	0.32	ppb
Naphthalene	**1.3**	ppb	1	0.18	ppb
1,2,3-Trichlorobenzene	**<0.13**	ppb	1	0.13	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Quantitation Report

Data File : U:\DATA\B\B568\B6418.D
Acq On : 28 May 98 4:30 pm
Sample : G7469-6
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 17:02 1998

Vial: 32
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	15.48	168	659234	50.00		0.00
27) 1,4-Difluorobenzene	16.84	114	699031	50.00		0.00
38) Chlorobenzene-d5	22.23	117	569347	50.00		0.00
55) 1,4-Dichlorobenzene-d4	26.77	152	339018	50.00		0.00
System Monitoring Compounds						%Recovery
23) Dibromofluoromethane	15.50	113	328919	50.17		100.33%
36) Toluene-d8	19.48	98	662556	50.65		101.31%
54) 4-Bromofluorobenzene	24.48	95	437991	50.05		100.09%
Target Compounds						Qvalue
~~18) cis-1,2-Dichloroethene~~ OK	~~14.66~~	~~96~~ OK	~~6504~~	~~1.47~~ OK	~~#~~	~~82~~
~~22) 1,1,1-Trichloroethane~~	~~15.50~~	~~97~~	~~9351~~	~~1.77~~	~~#~~	~~1~~
~~29) Trichloroethene~~	~~17.30~~	~~95~~	~~10292~~	~~1.96~~		~~94~~
~~40) 1,1,2-Trichloroethane~~	~~20.57~~	~~83~~	~~18007~~	~~4.60~~	~~#~~	~~28~~
41) Tetrachloroethene	20.57	166	916611	148.40		99
~~77) Naphthalene~~ OK	~~30.25~~	~~128~~ OK	~~12037~~	~~1.32~~ OK	~~#~~	~~71~~

B/a 6/10/98

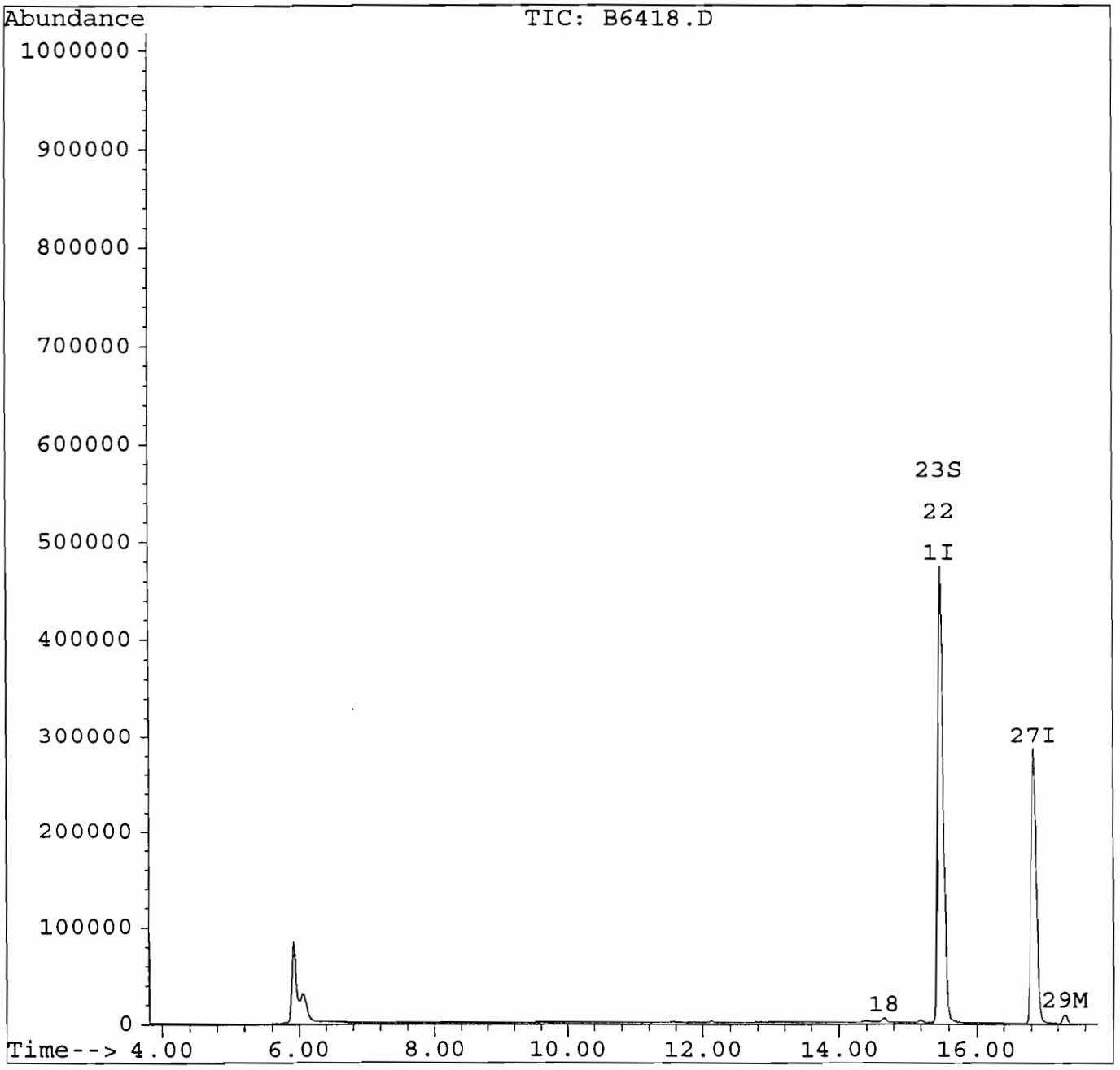
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : U:\DATA\B\B568\B6418.D
Acq On : 28 May 98 4:30 pm
Sample : G7469-6
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 17:02 1998

Vial: 32
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration



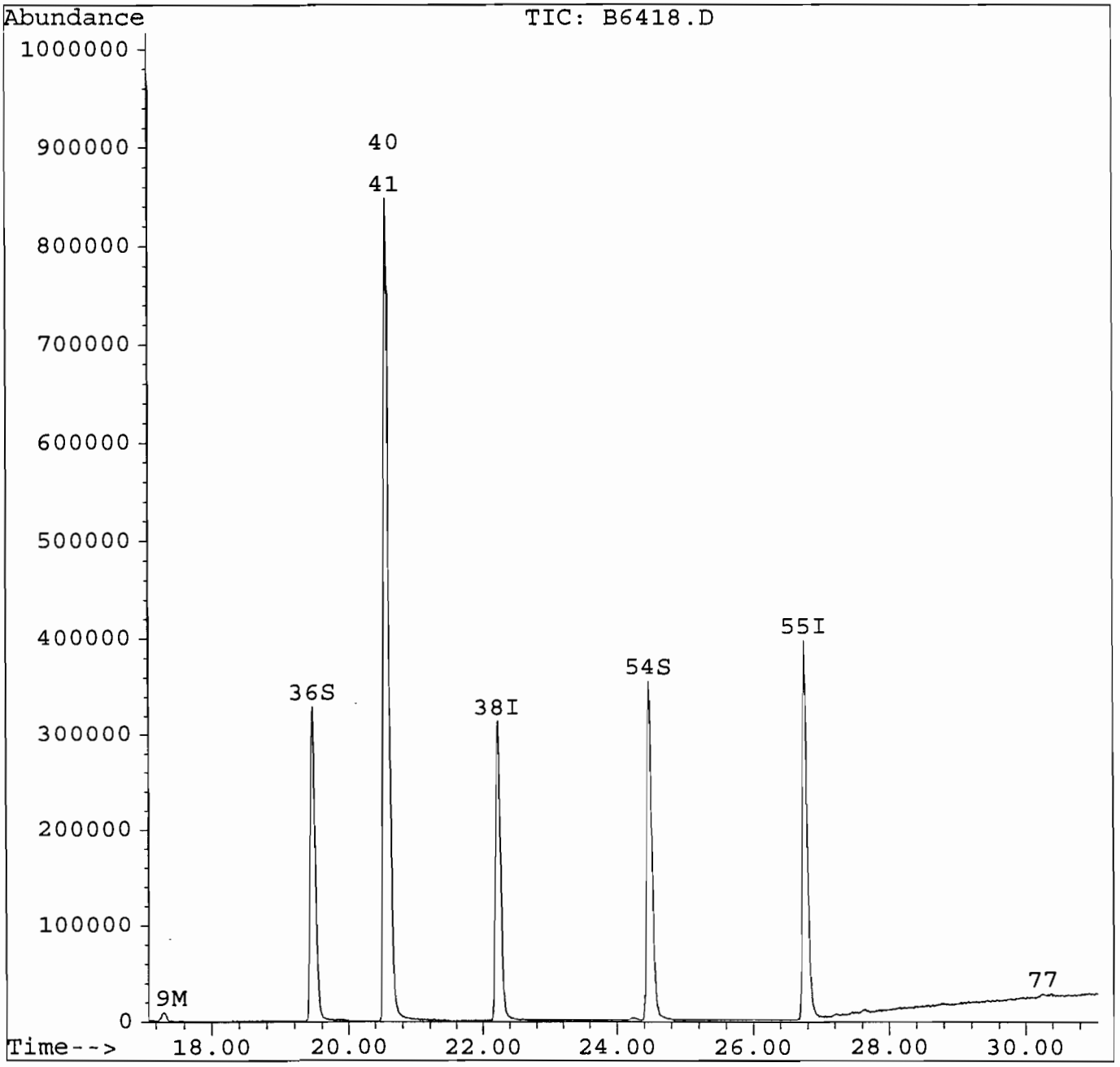
6/10/98

Quantitation Report

Data File : U:\DATA\B\B568\B6418.D
Acq On : 28 May 98 4:30 pm
Sample : G7469-6
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 17:02 1998

Vial: 32
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration



BM 6/10/98

Environmental Testing Laboratories, Inc.
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ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 7
Custody: G7469
Collected: 05/14/98 2:55 PM
Location: MW 1
Remarks:
Type: Grab
Matrix: Liquid

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
Dichlorodifluoromethane	**<0.88**	ppb	1	0.88	ppb
Chlorodifluoromethane	**<0.46**	ppb	1	0.46	ppb
Chloromethane	**<0.60**	ppb	1	0.60	ppb
Vinyl chloride	**<0.45**	ppb	1	0.45	ppb
Bromomethane	**<0.66**	ppb	1	0.66	ppb
Chloroethane	**<0.62**	ppb	1	0.62	ppb
Trichlorofluoromethane	**<0.45**	ppb	1	0.45	ppb
1,1,2-Trichlorotrifluoroethane	**<0.43**	ppb	1	0.43	ppb
1,1-Dichloroethene	**<0.48**	ppb	1	0.48	ppb
Acetone	**<1.79**	ppb	1	1.79	ppb
Carbon disulfide	**<0.27**	ppb	1	0.27	ppb
Methylene chloride	**<0.30**	ppb	1	0.30	ppb
trans-1,2-Dichloroethene	**<0.28**	ppb	1	0.28	ppb
Methyl t-butyl ether	**<0.23**	ppb	1	0.23	ppb
1,1-Dichloroethane	**<0.18**	ppb	1	0.18	ppb
2,2-Dichloropropane	**<0.41**	ppb	1	0.41	ppb
cis-1,2-Dichloroethene	**3.4**	ppb	1	0.34	ppb
2-Butanone	**<2.06**	ppb	1	2.06	ppb
Bromochloromethane	**<0.30**	ppb	1	0.30	ppb
Chloroform	**<0.26**	ppb	1	0.26	ppb
1,1,1-Trichloroethane	**<0.31**	ppb	1	0.31	ppb
Carbon tetrachloride	**<0.35**	ppb	1	0.35	ppb
1,1-Dichloropropene	**<0.83**	ppb	1	0.83	ppb
Benzene	**<0.43**	ppb	1	0.43	ppb
1,2-Dichloroethane	**<0.19**	ppb	1	0.19	ppb
Trichloroethene	**<0.27**	ppb	1	0.27	ppb
1,2-Dichloropropane	**<0.27**	ppb	1	0.27	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 7 (continued)
Custody: G7469
Collected: 05/14/98 2:55 PM
Location: MW 1
Remarks:
Type: Grab
Matrix: Liquid

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
Dibromomethane	**<0.31**	ppb	1	0.31	ppb
Bromodichloromethane	**<0.12**	ppb	1	0.12	ppb
2-Chloroethylvinylether	**<0.45**	ppb	1	0.45	ppb
cis-1,3-Dichloro-1-propene	**<0.19**	ppb	1	0.19	ppb
4-Methyl-2-pentanone	**<0.74**	ppb	1	0.74	ppb
Toluene	**<0.70**	ppb	1	0.70	ppb
trans-1,3-Dichloropropene	**<0.21**	ppb	1	0.21	ppb
1,1,2-Trichloroethane	**<0.37**	ppb	1	0.37	ppb
Tetrachloroethene	**12.2**	ppb	1	0.29	ppb
1,3-Dichloropropane	**<0.11**	ppb	1	0.11	ppb
2-Hexanone	**<1.24**	ppb	1	1.24	ppb
Dibromochloromethane	**<0.18**	ppb	1	0.18	ppb
1,2-Dibromoethane	**<0.14**	ppb	1	0.14	ppb
Chlorobenzene	**<0.22**	ppb	1	0.22	ppb
1,1,1,2-Tetrachloroethane	**<0.32**	ppb	1	0.32	ppb
Ethylbenzene	**<0.68**	ppb	1	0.68	ppb
m,p-Xylene	**<1.11**	ppb	1	1.11	ppb
o-Xylene	**<0.73**	ppb	1	0.73	ppb
Styrene	**<0.30**	ppb	1	0.30	ppb
Bromoform	**<0.20**	ppb	1	0.20	ppb
Isopropylbenzene	**<0.21**	ppb	1	0.21	ppb
Bromobenzene	**<0.19**	ppb	1	0.19	ppb
1,1,2,2-Tetrachloroethane	**<0.20**	ppb	1	0.20	ppb
n-Propylbenzene	**<0.70**	ppb	1	0.70	ppb
1,2,3-Trichloropropane	**<0.72**	ppb	1	0.72	ppb
p-Ethyltoluene	**<0.54**	ppb	1	0.54	ppb
1,3,5-Trimethylbenzene	**<0.74**	ppb	1	0.74	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 7 (continued)
Custody: G7469
Collected: 05/14/98 2:55 PM
Location: MW 1
Remarks:
Type: Grab
Matrix: Liquid

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
2-Chlorotoluene	**<0.27**	ppb	1	0.27	ppb
4-Chlorotoluene	**<0.14**	ppb	1	0.14	ppb
tert-Butylbenzene	**<0.30**	ppb	1	0.30	ppb
1,2,4-Trimethylbenzene	**<0.62**	ppb	1	0.62	ppb
sec-Butylbenzene	**<0.36**	ppb	1	0.36	ppb
p-Isopropyltoluene	**<0.31**	ppb	1	0.31	ppb
1,3-Dichlorobenzene	**<0.11**	ppb	1	0.11	ppb
1,4-Dichlorobenzene	**<0.14**	ppb	1	0.14	ppb
1,2-Dichlorobenzene	**<0.19**	ppb	1	0.19	ppb
p-Diethylbenzene	**<0.65**	ppb	1	0.65	ppb
n-Butylbenzene	**<0.32**	ppb	1	0.32	ppb
1,2,4,5-Tetramethylbenzene	**<0.48**	ppb	1	0.48	ppb
1,2-Dibromo-3-chloropropane	**<0.59**	ppb	1	0.59	ppb
1,2,4-Trichlorobenzene	**<0.27**	ppb	1	0.27	ppb
Hexachlorobutadiene	**<0.32**	ppb	1	0.32	ppb
Naphthalene	**<0.18**	ppb	1	0.18	ppb
1,2,3-Trichlorobenzene	**<0.13**	ppb	1	0.13	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Quantitation Report

Data File : U:\DATA\B\B568\B6419.D
Acq On : 28 May 98 5:09 pm
Sample : G7469-7
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 17:41 1998

Vial: 33
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	15.48	168	651089	50.00		0.00
27) 1,4-Difluorobenzene	16.83	114	695593	50.00		0.00
38) Chlorobenzene-d5	22.22	117	569606	50.00		0.00
55) 1,4-Dichlorobenzene-d4	26.76	152	340151	50.00		0.00
System Monitoring Compounds						%Recovery
23) Dibromofluoromethane	15.49	113	327259	50.54		101.08%
36) Toluene-d8	19.47	98	659556	50.67		101.35%
54) 4-Bromofluorobenzene	24.47	95	439657	50.21		100.43%
Target Compounds						Qvalue
18) cis-1,2-Dichloroethene	14.66	96	14631	3.35		98
~~22) 1,1,1 Trichloroethane~~	~~15.52~~	~~97~~	~~8522~~	~~1.63~~	~~#~~	~~1~~
~~29) Trichloroethene~~	~~17.30~~	~~95~~	~~8781~~	~~1.68~~		~~100~~
41) Tetrachloroethene	20.57	166	75488	12.22		98

6/10/13

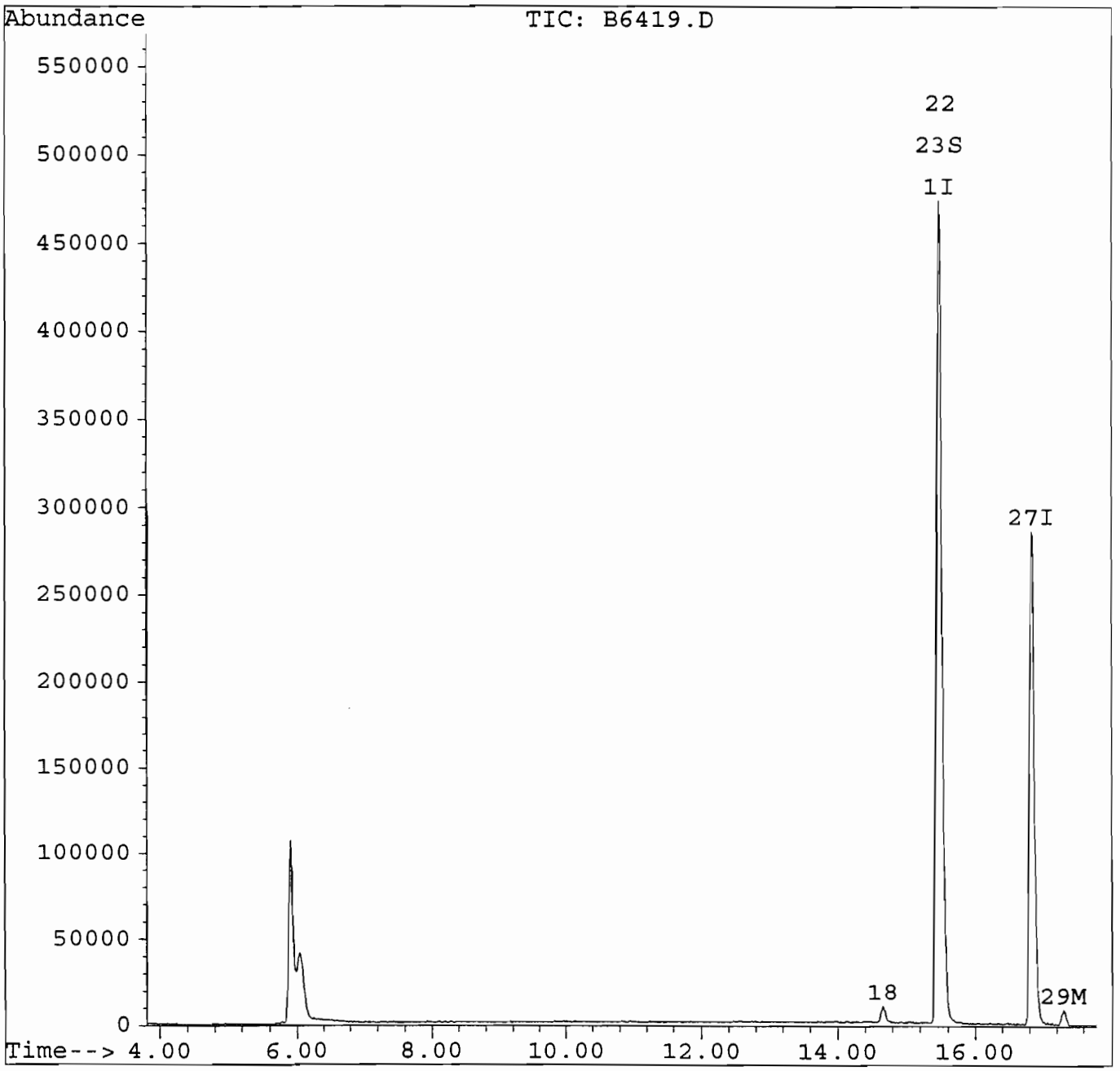
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : U:\DATA\B\B568\B6419.D
Acq On : 28 May 98 5:09 pm
Sample : G7469-7
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 17:41 1998

Vial: 33
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration



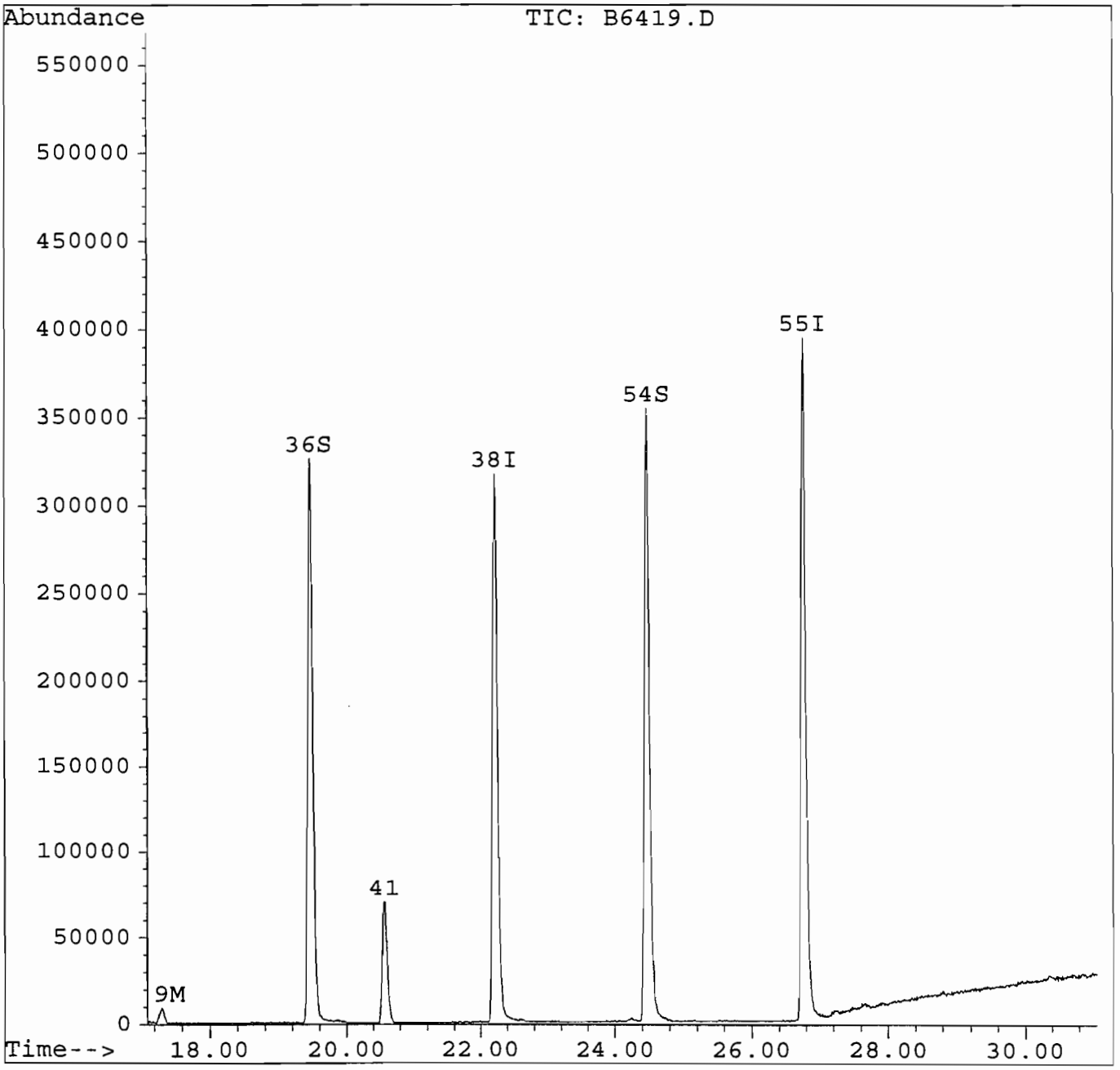
BMS 6/10/15

Quantitation Report

Data File : U:\DATA\B\B568\B6419.D
Acq On : 28 May 98 5:09 pm
Sample : G7469-7
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 17:41 1998

Vial: 33
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration



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ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 8
Custody: G7469 Type: Grab
Collected: 05/14/98 11:30 AM Matrix: Liquid
Location: MW 7
Remarks:

Analysis Information
Analyzed: 05/28/98, 05/29/98
Remarks: See case narrative

6/22/98

Analyte	Concentration	Units	Dilution	MDL	Units
Dichlorodifluoromethane	**<0.88**	ppb	1	0.88	ppb
Chlorodifluoromethane	**<0.46**	ppb	1	0.46	ppb
Chloromethane	**<0.60**	ppb	1	0.60	ppb
Vinyl chloride	**<0.45**	ppb	1	0.45	ppb
Bromomethane	**<0.66**	ppb	1	0.66	ppb
Chloroethane	**<0.62**	ppb	1	0.62	ppb
Trichlorofluoromethane	**<0.45**	ppb	1	0.45	ppb
1,1,2-Trichlorotrifluoroethane	**<0.43**	ppb	1	0.43	ppb
1,1-Dichloroethene	**1.6**	ppb	1	0.48	ppb
Acetone	**<1.79**	ppb	1	1.79	ppb
Carbon disulfide	**<0.27**	ppb	1	0.27	ppb
Methylene chloride	**<0.30**	ppb	1	0.30	ppb
trans-1,2-Dichloroethene	**1.3**	ppb	1	0.28	ppb
Methyl t-butyl ether	**<0.23**	ppb	1	0.23	ppb
1,1-Dichloroethane	**1.5**	ppb	1	0.18	ppb
2,2-Dichloropropane	**<0.41**	ppb	1	0.41	ppb
cis-1,2-Dichloroethene	**44.8**	ppb	1	0.34	ppb
2-Butanone	**<2.06**	ppb	1	2.06	ppb
Bromochloromethane	**<0.30**	ppb	1	0.30	ppb
Chloroform	**<0.26**	ppb	1	0.26	ppb
1,1,1-Trichloroethane	**24.6**	ppb	1	0.31	ppb
Carbon tetrachloride	**<0.35**	ppb	1	0.35	ppb
1,1-Dichloropropene	**<0.83**	ppb	1	0.83	ppb
Benzene	**<0.43**	ppb	1	0.43	ppb
1,2-Dichloroethane	**<0.19**	ppb	1	0.19	ppb
Trichloroethene	**71.3**	ppb	1	0.27	ppb
1,2-Dichloropropane	**<0.27**	ppb	1	0.27	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 8 (continued)
Custody: G7469
Collected: 05/14/98 11:30 AM
Location: MW 7
Remarks:
Type: Grab
Matrix: Liquid

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
Dibromomethane	**<0.31**	ppb	1	0.31	ppb
Bromodichloromethane	**<0.12**	ppb	1	0.12	ppb
2-Chloroethylvinylether	**<0.45**	ppb	1	0.45	ppb
cis-1,3-Dichloro-1-propene	**<0.19**	ppb	1	0.19	ppb
4-Methyl-2-pentanone	**<0.74**	ppb	1	0.74	ppb
Toluene	**<0.70**	ppb	1	0.70	ppb
trans-1,3-Dichloropropene	**<0.21**	ppb	1	0.21	ppb
1,1,2-Trichloroethane	**<0.37**	ppb	1	0.37	ppb
Tetrachloroethene	**806**	ppb	20	5.8	ppb
1,3-Dichloropropane	**<0.11**	ppb	1	0.11	ppb
2-Hexanone	**<1.24**	ppb	1	1.24	ppb
Dibromochloromethane	**<0.18**	ppb	1	0.18	ppb
1,2-Dibromoethane	**<0.14**	ppb	1	0.14	ppb
Chlorobenzene	**<0.22**	ppb	1	0.22	ppb
1,1,1,2-Tetrachloroethane	**<0.32**	ppb	1	0.32	ppb
Ethylbenzene	**<0.68**	ppb	1	0.68	ppb
m,p-Xylene	**<1.11**	ppb	1	1.11	ppb
o-Xylene	**<0.73**	ppb	1	0.73	ppb
Styrene	**<0.30**	ppb	1	0.30	ppb
Bromoform	**<0.20**	ppb	1	0.20	ppb
Isopropylbenzene	**<0.21**	ppb	1	0.21	ppb
Bromobenzene	**<0.19**	ppb	1	0.19	ppb
1,1,2,2-Tetrachloroethane	**<0.20**	ppb	1	0.20	ppb
n-Propylbenzene	**<0.70**	ppb	1	0.70	ppb
1,2,3-Trichloropropane	**<0.72**	ppb	1	0.72	ppb
p-Ethyltoluene	**<0.54**	ppb	1	0.54	ppb
1,3,5-Trimethylbenzene	**<0.74**	ppb	1	0.74	ppb

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

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ANALYSIS REPORT - EPA SW 846 8260B

06/09/98

Project
Utility Man.

Wetsbury, NY
Manager: John Tegins

Custody Document G7469
Received: 05/14/98 5:05 PM
Sampled by: J. Tegins
Job Number:

Sample 8 (continued)
Custody: G7469
Collected: 05/14/98 11:30 AM
Location: MW 7
Remarks:
Type: Grab
Matrix: Liquid

Analysis Information
Analyzed: 05/28/98
Remarks: See case narrative

Analyte	Concentration	Units	Dilution	MDL	Units
2-Chlorotoluene	**<0.27**	ppb	1	0.27	ppb
4-Chlorotoluene	**<0.14**	ppb	1	0.14	ppb
tert-Butylbenzene	**<0.30**	ppb	1	0.30	ppb
1,2,4-Trimethylbenzene	**<0.62**	ppb	1	0.62	ppb
sec-Butylbenzene	**<0.36**	ppb	1	0.36	ppb
p-Isopropyltoluene	**<0.31**	ppb	1	0.31	ppb
1,3-Dichlorobenzene	**<0.11**	ppb	1	0.11	ppb
1,4-Dichlorobenzene	**<0.14**	ppb	1	0.14	ppb
1,2-Dichlorobenzene	**<0.19**	ppb	1	0.19	ppb
p-Diethylbenzene	**<0.65**	ppb	1	0.65	ppb
n-Butylbenzene	**<0.32**	ppb	1	0.32	ppb
1,2,4,5-Tetramethylbenzene	**<0.48**	ppb	1	0.48	ppb
1,2-Dibromo-3-chloropropane	**<0.59**	ppb	1	0.59	ppb
1,2,4-Trichlorobenzene	**<0.27**	ppb	1	0.27	ppb
Hexachlorobutadiene	**<0.32**	ppb	1	0.32	ppb
Naphthalene	**<0.18**	ppb	1	0.18	ppb
1,2,3-Trichlorobenzene	**<0.13**	ppb	1	0.13	ppb

Reviewed by: Peggy Tegins

ppb=ug/L, ug/Kg; ppm=mg/L, mg/Kg; ND=Not Detected; B=in blank; NA=Not Analyzed; MDL=Method Detection Limit; nd=Not Determined; E=Quantitated Above Calibration; IDL=Instrument Detection Limit. Soil sample based on dry weight basis; Air MDLs based on 1 L of sample. ELAP Cert #10969.

Quantitation Report

Data File : U:\DATA\B\B568\B6420.D
Acq On : 28 May 98 5:48 pm
Sample : G7469-8
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 18:20 1998

Vial: 34
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	15.47	168	643600	50.00		-0.01
27) 1,4-Difluorobenzene	16.83	114	694029	50.00		-0.01
38) Chlorobenzene-d5	22.22	117	561383	50.00		0.00
55) 1,4-Dichlorobenzene-d4	26.77	152	337733	50.00		0.00
System Monitoring Compounds						%Recovery
23) Dibromofluoromethane	15.49	113	321765	50.27		100.54%
36) Toluene-d8	19.46	98	663101	51.06		102.12%
54) 4-Bromofluorobenzene	24.48	95	431853	50.04		100.09%
Target Compounds						Qvalue
~~10) 1,1-Dichloroethene~~ OK	~~10.96~~	~~96~~ OK	~~5780~~	~~1.55~~ OK	~~#~~	~~79~~
~~14) trans-1,2-Dichloroethene~~ OK	~~12.59~~	~~96~~ OK	~~5538~~	~~1.29~~ OK	~~#~~	~~76~~
16) 1,1-Dichloroethane	13.54	63	10044	1.50		93
18) cis-1,2-Dichloroethene	14.65	96	193297	44.84		97
~~19) 2-Butanone~~	~~15.19~~	~~72~~	~~5820724~~	~~23323.83~~	~~#~~	~~1~~
~~22) 1,1,1-Trichloroethane~~ OK	~~15.51~~	~~97~~ OK	~~126590~~	~~24.55~~ OK	~~#~~	~~63~~
~~24) Carbon tetrachloride~~	~~15.51~~	~~119~~	~~21650~~	~~4.75~~	~~#~~	~~2~~
29) Trichloroethene	17.29	95	372301	71.27		98
~~40) 1,1,2-Trichloroethane~~	~~20.57~~	~~83~~	~~91661~~	~~23.73~~	~~#~~	~~32~~
41) Tetrachloroethene	20.57	166	4527841	743.48 E		99

6-12-98

BTU 6/10/98

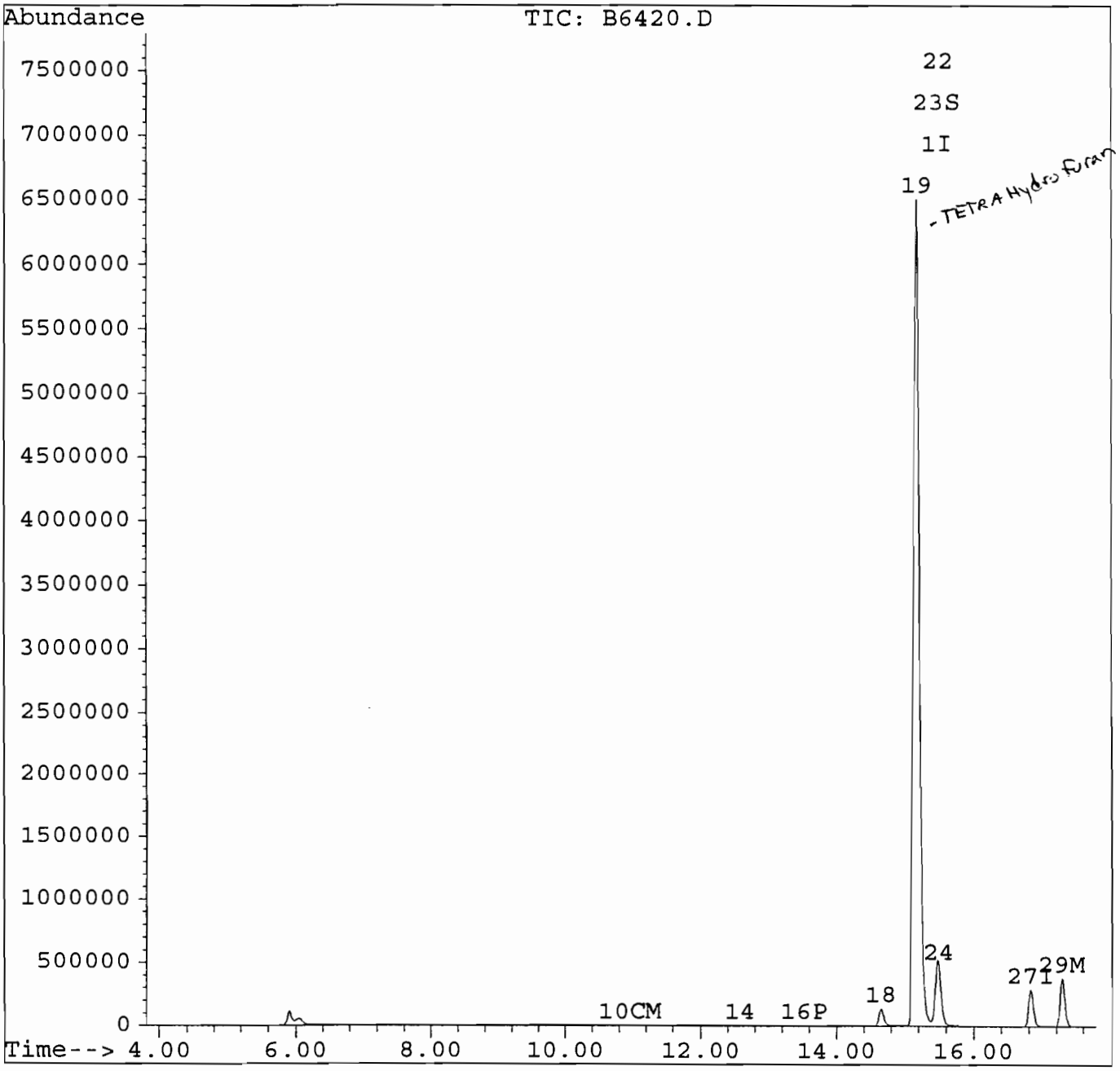
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : U:\DATA\B\B568\B6420.D
Acq On : 28 May 98 5:48 pm
Sample : G7469-8
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 18:20 1998

Vial: 34
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration



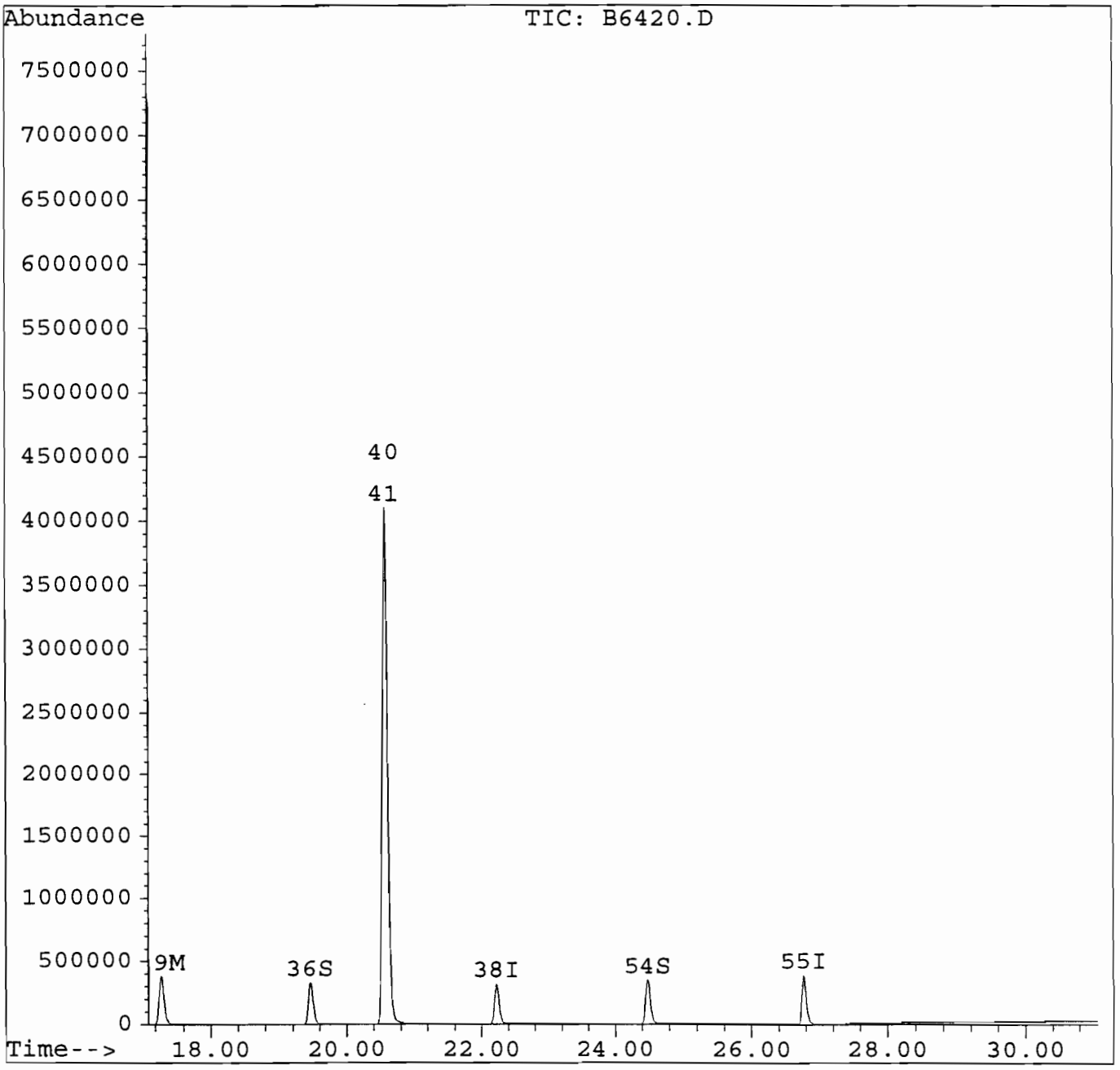
Bra 6/10/98

Quantitation Report

Data File : U:\DATA\B\B568\B6420.D
Acq On : 28 May 98 5:48 pm
Sample : G7469-8
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 18:20 1998

Vial: 34
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration



BMR 6/10/98

Quantitation Report

Data File : U:\DATA\B\B569\B6435.D
Acq On : 29 May 98 4:47 pm
Sample : G7469-8DL
Misc : ;20;L; 8260 LLW B569
Quant Time: May 29 17:19 1998

Vial: 32
Operator: BRYAN
Inst : 5971 MSD
Multiplr: 1.00

6/29/98

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Fri May 29 07:40:36 1998
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	15.48	168	668908	50.00		0.00
27) 1,4-Difluorobenzene	16.84	114	718564	50.00		0.01
38) Chlorobenzene-d5	22.23	117	584245	50.00		0.00
55) 1,4-Dichlorobenzene-d4	26.78	152	338075	50.00		0.01
System Monitoring Compounds						%Recovery
23) Dibromofluoromethane	15.50	113	336583	50.48		100.95%
36) Toluene-d8	19.48	98	682247	50.55		101.11%
54) 4-Bromofluorobenzene	24.49	95	456743	51.04		102.08%
Target Compounds						Qvalue
~~18) cis-1,2-Dichloroethene~~	~~14.66~~	~~96~~	~~11247~~	~~2.72~~		~~90~~
19) ~~2-Butanone~~	~~15.18~~	~~72~~	~~306617~~	~~1204.31~~	~~#~~	~~1~~
~~22) 1,1,1-Trichloroethane~~	~~15.51~~	~~97~~	~~6451~~	~~1.28~~	~~#~~	~~1~~
~~29) Trichloroethene~~	~~17.30~~	~~95~~	~~18199~~	~~3.53~~		~~99~~
~~40) 1,1,2-Trichloroethane~~	~~20.59~~	~~83~~	~~4290~~	~~1.14~~	~~#~~	~~18~~
41) Tetrachloroethene	20.58	166	246708	40.29		99

6/29/98

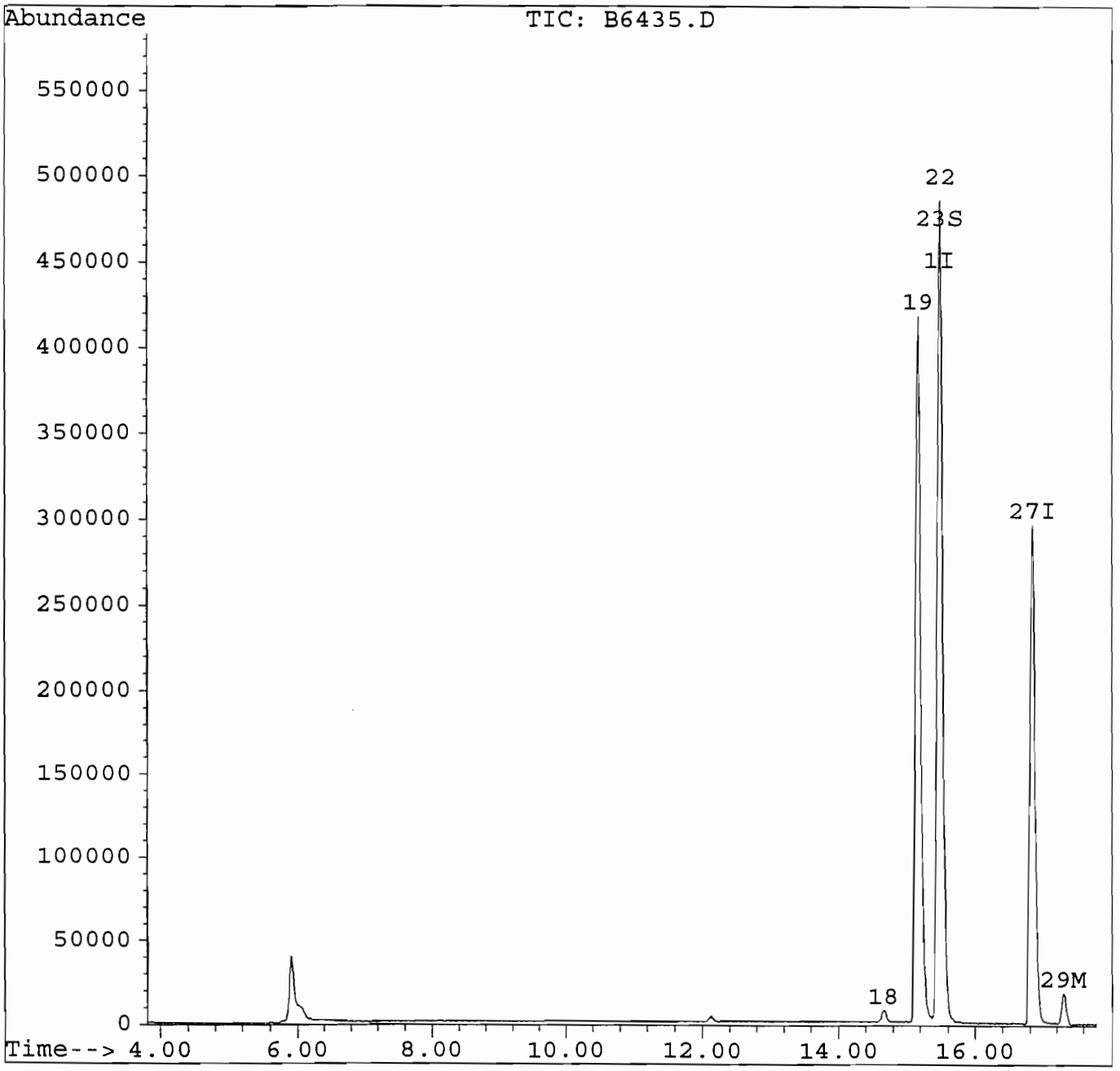
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : U:\DATA\B\B569\B6435.D
Acq On : 29 May 98 4:47 pm
Sample : G7469-8DL
Misc : ;20;L; 8260 LLW B569
Quant Time: May 29 17:19 1998

Vial: 32
Operator: BRYAN
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Fri May 29 07:40:36 1998
Response via : Single Level Calibration

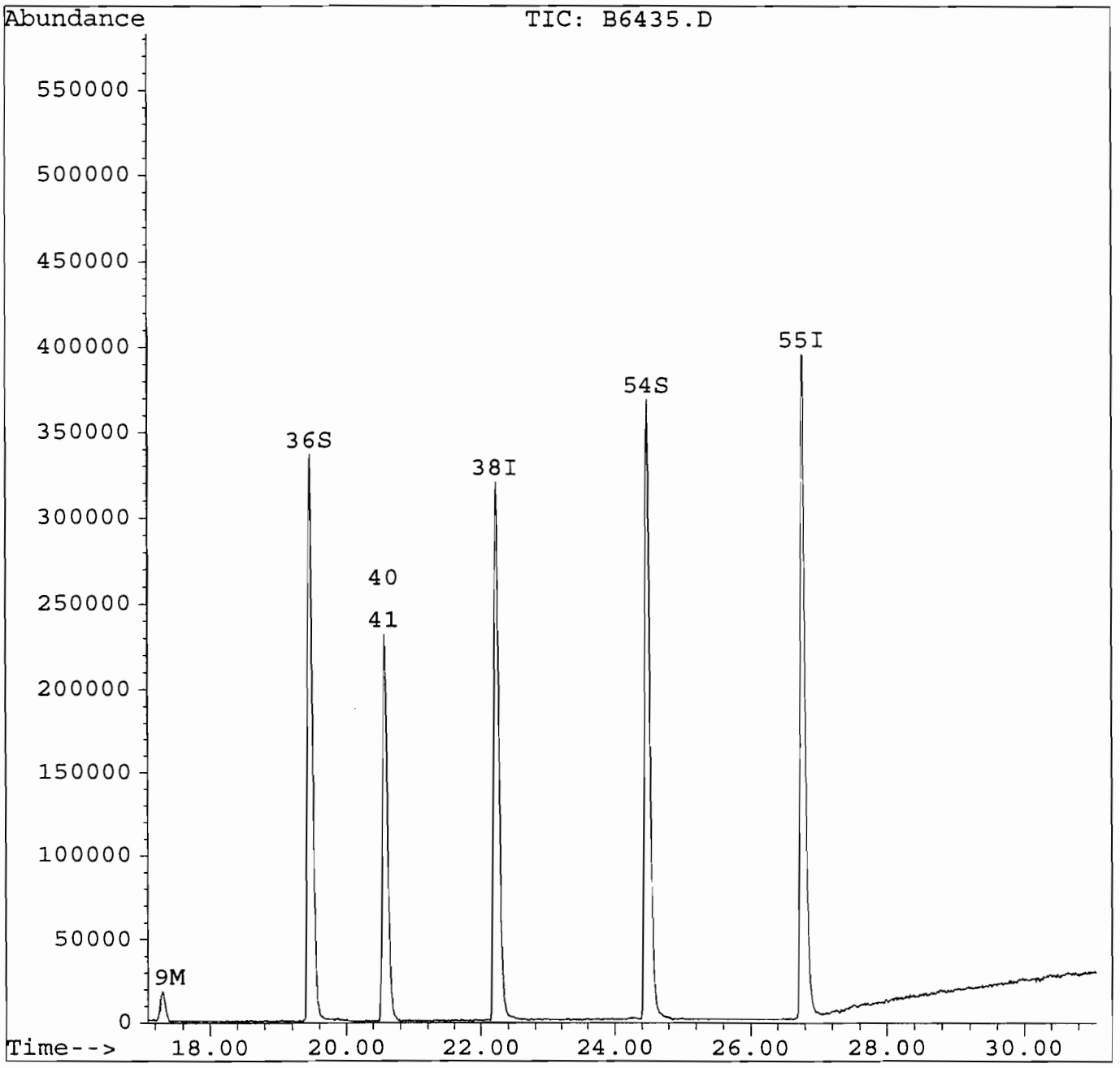


Quantitation Report

Data File : U:\DATA\B\B569\B6435.D
Acq On : 29 May 98 4:47 pm
Sample : G7469-8DL
Misc : ;20;L; 8260 LLW B569
Quant Time: May 29 17:19 1998

Vial: 32
Operator: BRYAN
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Fri May 29 07:40:36 1998
Response via : Single Level Calibration



Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

Standards Data

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ENVIRONMENTAL TESTING LABORATORY Contract: CA

Custody No: 37469 Site: _____ Location: _____ Group: _____

Instrument ID: B Calibration Date(s): 5/27/98 5/27/98

Heated Purge: (Y/N) N Calibration Times: 11:57 14:32

GC Column: RTX624 ID: 0.53 mm

Lab File ID: RRF050 = b6379.D RRF005 =b6377.D RRF100 =b6380.D RRF020 =b6378.D RRF150 =b6381.D

	COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
	Dichlorodifluoromethane	0.210	0.238	0.253	0.244	0.245	0.238	6.9	
**	Chlorodifluoromethane	0.423	0.414	0.428	0.414	0.420	0.420	1.5	**
*	Chloromethane	0.162	0.175	0.188	0.199	0.215	0.188	11.0	*
	Vinylchloride	0.220	0.233	0.243	0.241	0.244	0.236	4.2	
	Bromomethane	0.232	0.239	0.252	0.238	0.230	0.238	3.7	
	Chloroethane	0.130	0.149	0.157	0.151	0.151	0.148	7.2	
*	Trichlorofluoromethane	0.378	0.391	0.409	0.396	0.399	0.394	2.9	*
	1,1,2-Trichlorotrifluoroethane	0.363	0.376	0.385	0.367	0.373	0.373	2.3	
	1,1-Dichloroethene	0.285	0.280	0.279	0.269	0.274	0.277	2.3	
	Acetone	0.043	0.034	0.037	0.040	0.041	0.039	8.7	
**	Carbon disulfide	0.792	0.784	0.817	0.786	0.800	0.796	1.7	**
	Methylene chloride	0.528	0.343	0.309	0.294	0.289	0.353	28.5	
	trans-1,2-Dichloroethene	0.321	0.311	0.319	0.311	0.314	0.315	1.5	
	Methyl t-butyl ether	0.682	0.585	0.588	0.559	0.548	0.592	8.9	
*	1,1-Dichloroethane	0.512	0.494	0.511	0.497	0.499	0.503	1.7	*
	2,2-Dichloropropane	0.325	0.296	0.299	0.284	0.278	0.296	6.1	
	cis-1,2-Dichloroethene	0.328	0.318	0.319	0.309	0.312	0.317	2.3	
	2-Butanone	0.018	0.015	0.017	0.019	0.027	0.019	22.2	
	Bromochloromethane	0.204	0.198	0.204	0.202	0.205	0.203	1.3	
	Chloroform	0.526	0.519	0.513	0.499	0.482	0.508	3.5	
	1,1,1-Trichloroethane	0.392	0.388	0.397	0.389	0.394	0.392	1.0	
*	Carbon tetrachloride	0.338	0.338	0.349	0.342	0.345	0.342	1.4	*
	1,1-Dichloropropene	0.137	0.139	0.143	0.141	0.142	0.140	1.7	
	Benzene	0.894	0.874	0.883	0.825	0.854	0.866	3.1	
	1,2-Dichloroethane	0.214	0.212	0.216	0.209	0.210	0.212	1.3	
*	Trichloroethene	0.348	0.346	0.361	0.354	0.350	0.352	1.7	*
	1,2-Dichloropropane	0.352	0.345	0.351	0.342	0.343	0.347	1.3	
	Dibromomethane	0.268	0.285	0.291	0.282	0.284	0.282	3.0	
	Bromodichloromethane	0.487	0.486	0.492	0.477	0.463	0.481	2.4	
	2-Chloroethylvinylether	0.130	0.140	0.150	0.152	0.157	0.146	7.6	
	cis-1,3-Dichloro-1-propene	0.450	0.460	0.467	0.460	0.445	0.456	1.9	
	4-Methyl-2-pentanone	0.262	0.202	0.235	0.256	0.255	0.242	10.3	
**	Toluene	0.588	0.569	0.576	0.555	0.548	0.567	2.9	**
	trans-1,3-Dichloropropene	0.413	0.431	0.444	0.444	0.437	0.434	3.0	

* Calibration Check Compounds with required maximum %RSD values.

** System Performance Check Compounds with required minimum RRF.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ENVIRONMENTAL TESTING LABORATORY Contract: CA

Custody No.: 67469 Site: _____ Location: _____ Group: _____

Instrument ID: B Calibration Date(s): 5/27/98 5/27/98

Heated Purge: (Y/N) N Calibration Times: 11:57 14:32

GC Column: RTX624 ID: 0.53 mm

Lab File ID: RRF005 =b6377.D RRF020 =b6378.D
RRF050 =b6379.D RRF100 =b6380.D RRF150 =b6381.D

	COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
*	1,1,2-Trichloroethane	0.323	0.330	0.329	0.321	0.318	0.324	1.6	*
	Tetrachloroethene	0.479	0.488	0.501	0.489	0.480	0.487	1.8	
	1,3-Dichloropropane	0.574	0.574	0.579	0.564	0.545	0.567	2.4	
	2-Hexanone	0.198	0.156	0.183	0.200	0.195	0.186	9.7	
**	Dibromochloromethane	0.551	0.565	0.575	0.572	0.553	0.563	2.0	**
	1,2-Dibromoethane	0.499	0.523	0.537	0.531	0.513	0.521	2.9	
	Chlorobenzene	0.848	0.854	0.861	0.818	0.830	0.842	2.1	
**	1,1,1,2-Tetrachloroethane	0.387	0.408	0.407	0.398	0.400	0.400	2.1	**
	Ethylbenzene	0.389	0.398	0.398	0.388	0.390	0.392	1.3	
	m+p-Xylene	0.503	0.503	0.495	0.473	0.482	0.491	2.7	
	o-Xylene	0.502	0.506	0.506	0.499	0.491	0.501	1.3	
	Styrene	0.896	0.924	0.913	0.862	0.877	0.894	2.8	
	Bromoform	0.416	0.453	0.477	0.476	0.465	0.457	5.5	
	Isopropylbenzene	1.279	1.268	1.250	1.182	1.197	1.235	3.5	
	Bromobenzene	0.829	0.845	0.831	0.811	0.810	0.825	1.8	
	1,1,2,2-Tetrachloroethane	0.866	0.916	0.925	0.909	0.881	0.899	2.8	
	n-Propylbenzene	2.498	2.422	2.354	2.249	2.330	2.370	4.0	
	1,2,3-Trichloropropane	0.193	0.211	0.215	0.211	0.211	0.208	4.1	
	p-Ethyltoluene	1.930	1.922	1.915	1.770	1.885	1.885	3.5	
	1,3,5-Trimethylbenzene	1.593	1.560	1.536	1.452	1.443	1.517	4.4	
	2-Chlorotoluene	0.519	0.525	0.511	0.501	0.517	0.515	1.8	
	4-Chlorotoluene	0.520	0.547	0.546	0.525	0.544	0.536	2.4	
	tert-Butylbenzene	1.704	1.393	1.398	1.322	1.322	1.428	11.1	
	1,2,4-Trimethylbenzene	1.630	1.635	1.600	1.467	1.520	1.570	4.7	
	sec-Butylbenzene	2.196	2.122	2.115	2.031	2.073	2.107	2.9	
	p-Isopropyltoluene	1.726	1.666	1.612	1.530	1.565	1.619	4.8	
	1,3-Dichlorobenzene	1.206	1.176	1.168	1.095	1.114	1.152	4.0	
	1,4-Dichlorobenzene	1.235	1.256	1.212	1.150	1.179	1.206	3.5	
	1,2-Dichlorobenzene	1.113	1.107	1.083	1.018	1.026	1.069	4.2	
	p-Diethylbenzene	0.962	0.944	0.955	0.928	0.907	0.939	2.4	
	n-Butylbenzene	1.947	1.820	1.744	1.639	1.658	1.762	7.2	
	Dibromofluoromethane	0.511	0.512	0.510	0.507	0.505	0.509	0.6	
	Toluene-d8	0.991	0.974	0.978	0.970	0.971	0.977	0.8	
	4-Bromofluorobenzene	0.780	0.789	0.788	0.786	0.776	0.784	0.7	

* Calibration Check Compounds with required maximum %RSD values.
** System Performance Check Compounds with required minimum RRF.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: NVIRONMENTAL TESTING LABORATORY Contract: CA

Custody No.: 27469 Site: _____ Location: _____ Group: _____

Instrument ID: B Calibration Date : 5/28/98 Time : 09:11

Lab File ID : 28408.D Init. Calib. Date(s) : 5/27/98 5/27/98

Heated Purge : (Y/N) N Init. Calib. Times : 11:57 14:32

GC Column : RTX624 ID : 0.53 mm

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.238	0.209		12.0	
Chlorodifluoromethane	0.420	0.407	0.100	3.0	
Chloromethane	0.188	0.191		-1.7	20.0
Vinylchloride	0.236	0.233		1.4	
Bromomethane	0.238	0.244		-2.3	
Chloroethane	0.148	0.161		-8.9	
Trichlorofluoromethane	0.394	0.400		-1.3	20.0
1,1,2-Trichlorotrifluoroethane	0.373	0.397		-6.6	
1,1-Dichloroethene	0.277	0.289		-4.2	
Acetone	0.039	0.040		-1.7	
Carbon disulfide	0.796	0.814	0.100	-2.3	
Methylene chloride	0.353	0.318		9.8	
trans-1,2-Dichloroethene	0.315	0.333		-5.6	
Methyl t-butyl ether	0.592	0.609		-2.7	
1,1-Dichloroethane	0.503	0.519		-3.2	20.0
1,2-Dichloropropane	0.296	0.348		-17.5	
cis-1,2-Dichloroethene	0.317	0.335		-5.6	
2-Butanone	0.019	0.019		-0.8	
Bromochloromethane	0.203	0.217		-7.0	
Chloroform	0.508	0.522		-2.9	
1,1,1-Trichloroethane	0.392	0.401		-2.2	
Carbon tetrachloride	0.342	0.354		-3.5	20.0
1,1-Dichloropropene	0.140	0.150		-6.7	
Benzene	0.866	0.912		-5.4	
1,2-Dichloroethane	0.212	0.217		-2.1	
Trichloroethene	0.352	0.376		-7.0	20.0
1,2-Dichloropropane	0.347	0.363		-4.8	
Dibromomethane	0.282	0.302		-7.2	
Bromodichloromethane	0.481	0.502		-4.4	
2-Chloroethylvinylether	0.146	0.149		-1.9	
cis-1,3-Dichloro-1-propene	0.456	0.487		-6.6	
4-Methyl-2-pentanone	0.242	0.249		-3.0	
Toluene	0.567	0.614	0 .300	-8.2	
trans-1,3-Dichloropropene	0.434	0.469		-8.2	

All other compound must meet a minimum RRF of 0.010.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ENVIRONMENTAL TESTING LABORATORY Contract: CA

Custody No 37469 Site: _____ Location: _____ Group: _____

Instrument ID B Calibration Date : 5/28/98 Time : 09:11

Lab File ID 5408.D Init. Calib. Date(s) : 5/27/98 5/27/98

Heated Purge : (Y/N) N Init. Calib. Times : 11:57 14:32

GC Column : RTX624 ID : 0.53 mm

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D
1,1,2-Trichloroethane	0.324	0.344		-6.2	20.0
Tetrachloroethene	0.487	0.542		-11.3	
1,2-Dichloropropane	0.567	0.599		-5.6	
Hexanone	0.186	0.194		-4.2	
Bromochloromethane	0.563	0.605	0.100	-7.5	
1,2-Dibromoethane	0.521	0.572		-9.8	
Chlorobenzene	0.842	0.933		-10.8	
1,1,1,2-Tetrachloroethane	0.400	0.431	0.300	-7.7	
Ethylbenzene	0.392	0.426		-8.5	
m+p-Xylene	0.491	0.538		-9.5	
o-Xylene	0.501	0.547		-9.2	
Styrene	0.894	0.973		-8.8	
Bromoform	0.457	0.514		-12.5	
Isopropylbenzene	1.235	1.310		-6.0	
Bromobenzene	0.825	0.914		-10.8	
1,1,2,2-Tetrachloroethane	0.899	1.036		-15.2	
n-Propylbenzene	2.370	2.510		-5.9	
1,2,3-Trichloropropane	0.208	0.240		-15.4	
2-Ethyltoluene	1.885	2.036		-8.0	
1,3,5-Trimethylbenzene	1.517	1.699		-12.0	
4-Chlorotoluene	0.515	0.569		-10.5	
2-Chlorotoluene	0.536	0.606		-12.9	
tert-Butylbenzene	1.428	1.548		-8.4	
1,2,4-Trimethylbenzene	1.570	1.740		-10.8	
sec-Butylbenzene	2.107	2.341		-11.1	
4-Isopropyltoluene	1.619	1.823		-12.6	
1,3-Dichlorobenzene	1.152	1.284		-11.5	
1,4-Dichlorobenzene	1.206	1.357		-12.5	
1,2-Dichlorobenzene	1.069	1.218		-13.9	
1,4-Diethylbenzene	0.939	1.080		-14.9	
n-Butylbenzene	1.762	1.970		-11.9	
Dibromofluoromethane	0.509	0.497		2.295	
Toluene-d8	0.977	0.936		4.215	
4-Bromofluorobenzene	0.784	0.769		1.941	

All other compound must meet a minimum RRF of 0.010.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ENVIRONMENTAL TESTING LABORATORY Contract: CA

Custody No. 7469 Site: _____ Location: _____ Group: _____

Instrument ID: B Calibration Date : 5/29/98 Time : 07:03

Lab File ID : 6423.D Init. Calib. Date(s) : 5/27/98 5/27/98

Heated Purge (Y/N) N Init. Calib. Times : 11:57 14:32

GC Column: TX624 ID : 0.53 mm

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D
Chlorodifluoromethane	0.238	0.245		-2.8	
Dichlorodifluoromethane	0.420	0.406	0.100	3.3	
Chloromethane	0.188	0.190		-0.9	20.0
Vinylchloride	0.236	0.230		2.9	
Bromomethane	0.238	0.239		-0.2	
Chloroethane	0.148	0.155		-5.3	
Trichlorofluoromethane	0.394	0.386		2.0	20.0
1,1,2-Trichlorotrifluoroethane	0.373	0.377		-1.2	
1,1-Dichloroethene	0.277	0.268		3.3	
Acetone	0.039	0.036		7.3	
Carbon disulfide	0.796	0.803	0.100	-0.9	
Methylene chloride	0.353	0.297		15.9	
trans-1,2-Dichloroethene	0.315	0.312		1.1	
Methyl t-butyl ether	0.592	0.543		8.4	
1,1-Dichloroethane	0.503	0.484		3.8	20.0
2,2-Dichloropropane	0.296	0.327		-10.6	
cis-1,2-Dichloroethene	0.317	0.309		2.7	
2-Butanone	0.019	0.019		1.1	
Bromochloromethane	0.203	0.197		2.6	
Chloroform	0.508	0.492		3.1	
1,1,1-Trichloroethane	0.392	0.377		3.9	
Carbon tetrachloride	0.342	0.332		2.9	20.0
1,1-Dichloropropene	0.140	0.141		-0.1	
Benzene	0.866	0.866		0.0	
1,2-Dichloroethane	0.212	0.201		5.2	
Trichloroethene	0.352	0.359		-2.0	20.0
1,2-Dichloropropane	0.347	0.340		1.9	
Dibromomethane	0.282	0.275		2.5	
Bromodichloromethane	0.481	0.477		0.9	
2-Chloroethylvinylether	0.146	0.142		2.9	
cis-1,3-Dichloro-1-propene	0.456	0.452		0.9	
4-Methyl-2-pentanone	0.242	0.239		1.3	
Toluene	0.567	0.579	0.300	-2.1	
trans-1,3-Dichloropropene	0.434	0.435		-0.4	

All other compound must meet a minimum RRF of 0.010.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ENVIRONMENTAL TESTING LABORATORY Contract: CA

Custody No.: 57469 Site: _____ Location: _____ Group: _____

Instrument ID: B Calibration Date : 5/29/98 Time : 07:03

Lab File ID: 5423.D Init. Calib. Date(s) : 5/27/98 5/27/98

Heated Purge: (Y/N) N Init. Calib. Times : 11:57 14:32

GC Column: RTX624 ID : 0.53 mm

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D
1,1,2-Trichloroethane	0.324	0.322		0.7	20.0
Tetrachloroethene	0.487	0.524		-7.5	
1,2-Dichloropropane	0.567	0.554		2.4	
2-Hexanone	0.186	0.186		0.2	
Bromochloromethane	0.563	0.559	0 .100	0.6	
1,2-Dibromoethane	0.521	0.524		-0.7	
Chlorobenzene	0.842	0.889		-5.6	
1,1,1,2-Tetrachloroethane	0.400	0.410	0.300	-2.4	
Ethylbenzene	0.392	0.401		-2.1	
m,p-Xylene	0.491	0.509		-3.7	
o-Xylene	0.501	0.517		-3.1	
Styrene	0.894	0.915		-2.3	
Bromoform	0.457	0.468		-2.3	
Isopropylbenzene	1.235	1.242		-0.5	
Bromobenzene	0.825	0.911		-10.4	
1,1,2,2-Tetrachloroethane	0.899	0.946		-5.2	
n-Propylbenzene	2.370	2.473		-4.3	
1,2,3-Trichloropropane	0.208	0.222		-6.7	
2-Ethyltoluene	1.885	2.002		-6.2	
1,3,5-Trimethylbenzene	1.517	1.703		-12.3	
4-Chlorotoluene	0.515	0.561		-9.0	
2-Chlorotoluene	0.536	0.596		-11.0	
tert-Butylbenzene	1.428	1.499		-5.0	
1,2,4-Trimethylbenzene	1.570	1.706		-8.6	
sec-Butylbenzene	2.107	2.258		-7.2	
4-Isopropyltoluene	1.619	1.747		-7.9	
1,3-Dichlorobenzene	1.152	1.291		-12.1	
1,4-Dichlorobenzene	1.206	1.350		-11.9	
1,2-Dichlorobenzene	1.069	1.185		-10.8	
1,3-Diethylbenzene	0.939	1.037		-10.4	
n-Butylbenzene	1.762	1.869		-6.1	
Dibromofluoromethane	0.509	0.498		2.068	
Toluene-d8	0.977	0.939		3.856	
4-Bromofluorobenzene	0.784	0.766		2.287	

All other compound must meet a minimum RRF of 0.010.

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

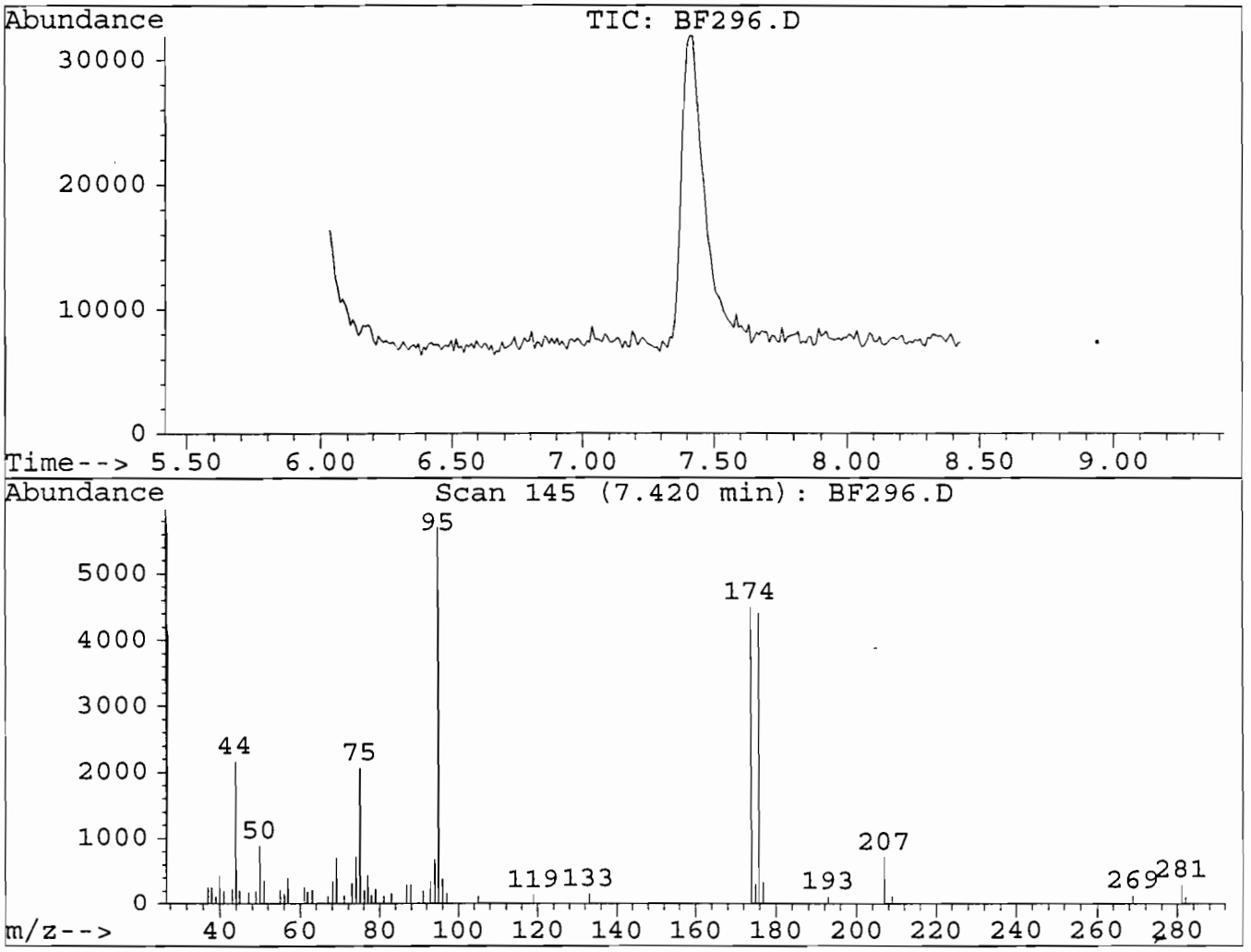
Raw QC Data

BFB

Data File : U:\DATA\B\B566\BF296.D
Acq On : 27 May 98 10:46 am
Sample : 50NGBFB
Misc : ;1;L; 8260 LLW B566

Vial: 20
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS



Peak Apex is scan: 145

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.6	887	PASS
75	95	30	60	36.1	2061	PASS
95	95	100	100	100.0	5704	PASS
96	95	5	9	6.5	372	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	78.6	4485	PASS
175	174	5	9	6.8	307	PASS
176	174	95	101	98.0	4397	PASS
177	176	5	9	7.6	333	PASS

Scan 145 (7.420 min): BF296.D
50NGBFB
Modified:scaled

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.05	5	51.05	6	73.00	6	91.00	4
38.05	4	55.05	4	74.00	12	92.90	4
39.05	2	56.05	3	75.00	36	94.00	12
39.95	8	57.05	7	76.10	4	95.00	100
40.95	3	61.05	5	77.00	8	96.00	7
43.05	4	61.90	3	77.90	2	97.10	3
43.95	38	63.00	4	79.00	4	104.95	2
44.95	4	67.00	2	81.00	2	118.95	2
47.05	3	68.10	6	83.00	3	132.95	3
48.95	4	69.00	12	86.90	5	173.90	79
49.95	16	71.00	2	87.90	5	174.90	5

Scan 145 (7.420 min): BF296.D
50NGBFB
Modified:scaled

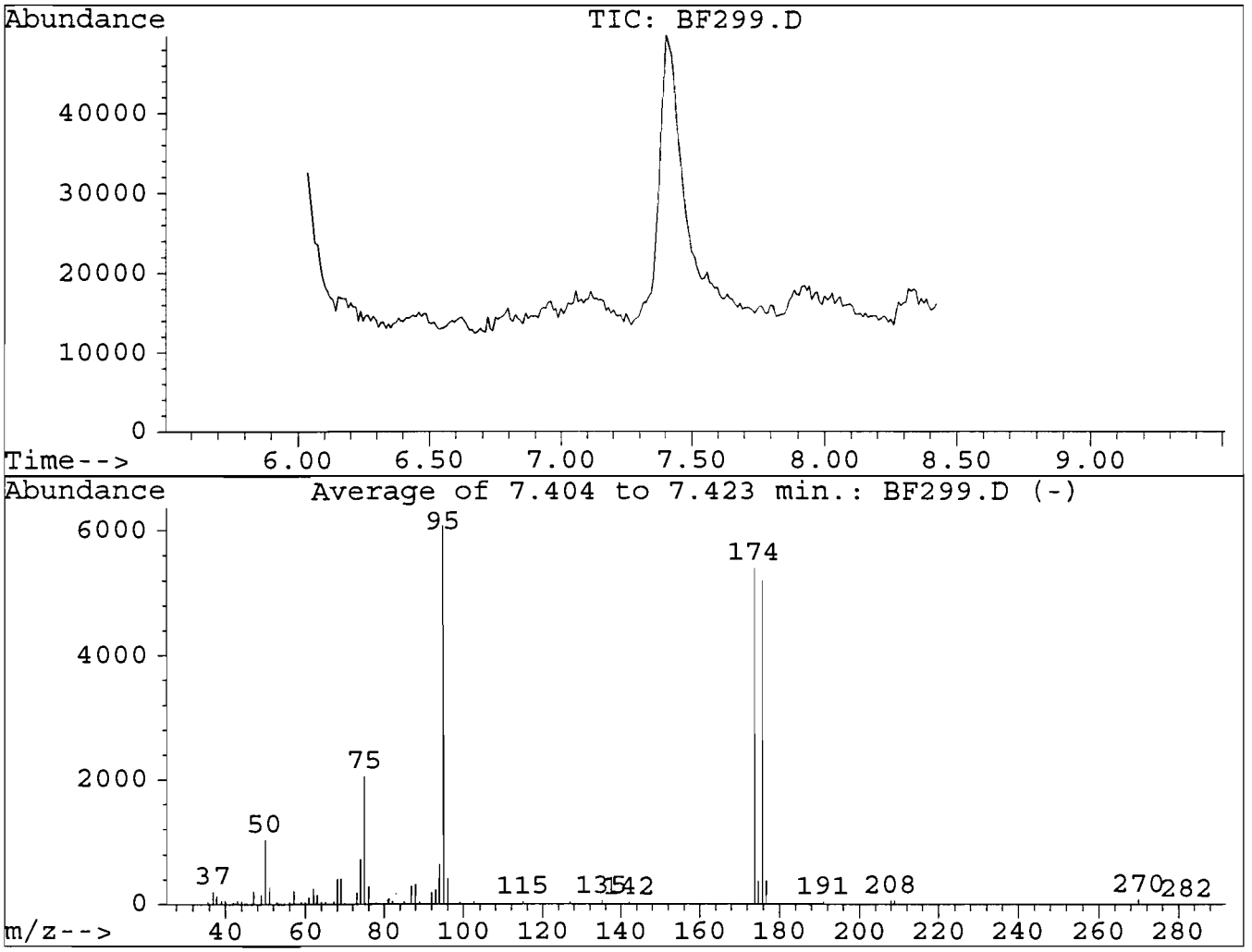
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
175.90	77						
176.90	6						
192.95	2						
206.95	12						
208.95	2						
268.85	2						
280.95	5						
282.05	2						

BFB

Data File : U:\DATA\B\B568\BF299.D
Acq On : 28 May 98 7:49 am
Sample : 50NGBFB
Misc : ;1;L; 8260 LLW B568

Vial: 21
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8240.M
Title : 8240 / 8260 LLW/MLS



Peak Apex is scan: 154

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.1	1037	PASS
75	95	30	60	33.8	2051	PASS
95	95	100	100	100.0	6069	PASS
96	95	5	9	6.7	409	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	88.8	5387	PASS
175	174	5	9	6.8	365	PASS
176	174	95	101	96.3	5185	PASS
177	176	5	9	7.1	369	PASS

BF299.D B_8240.M Thu May 28 08:19:45 1998 CHEMSTATION-B

6/10/98

Average of 7.404 to 7.423 min.: BF299.D

Modified:subtracted scaled

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.75	1	49.95	17	64.00	1	78.00	1
36.95	3	50.95	5	65.00	1	80.90	1
37.90	2	52.85	1	67.10	1	81.05	2
38.95	1	55.95	1	67.95	7	82.00	1
39.90	1	57.05	4	69.00	7	85.00	1
41.90	1	58.85	1	70.00	0	86.90	5
43.00	1	59.95	1	71.00	0	87.95	5
43.95	1	60.90	2	73.00	3	89.00	1
44.90	0	62.00	4	74.00	12	91.95	3
47.00	3	62.80	1	75.00	34	92.95	4
48.90	3	63.00	3	76.05	5	93.95	10

Average of 7.404 to 7.423 min.: BF299.D

Modified:subtracted scaled

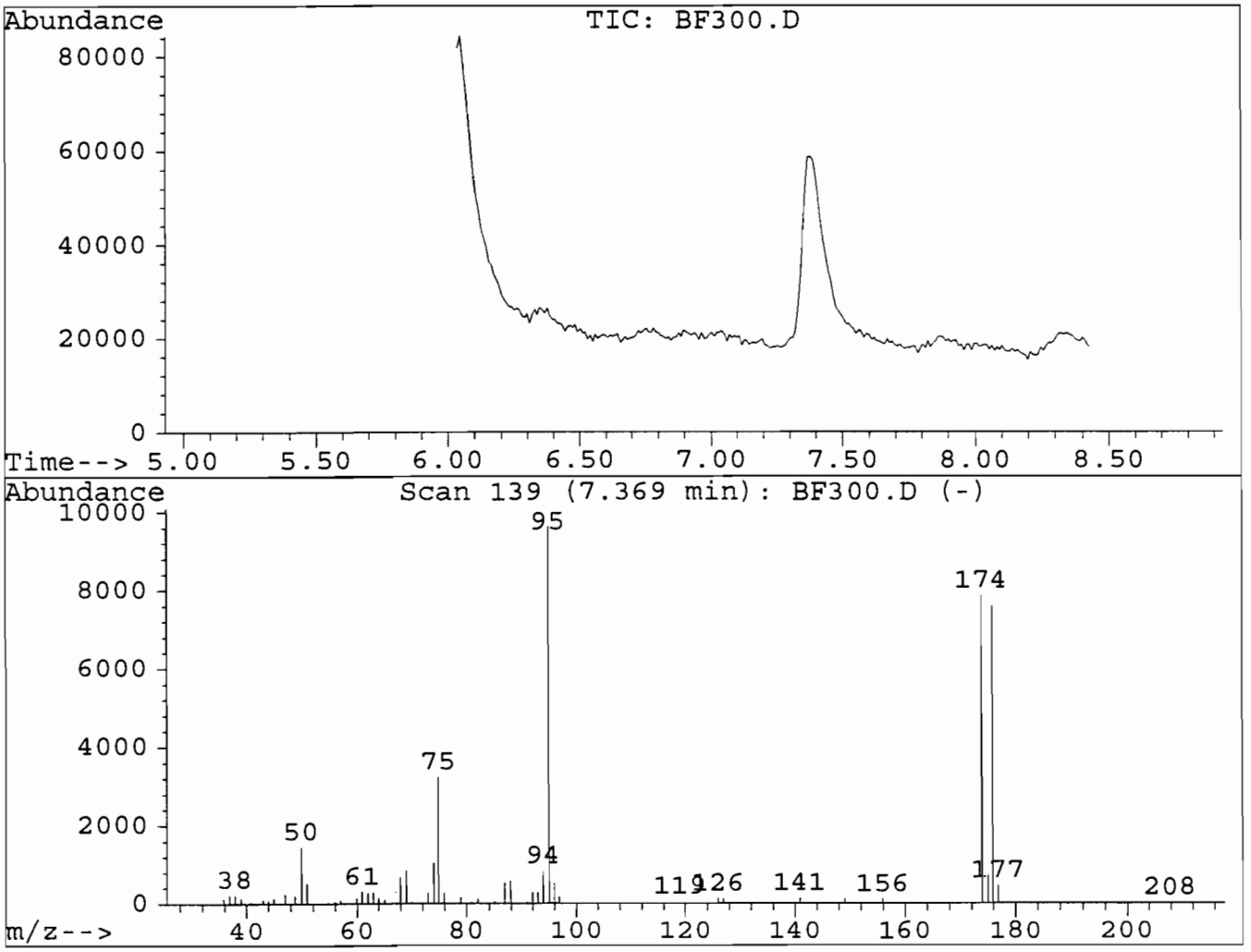
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.00	100	175.85	85				
96.00	7	176.80	6				
99.00	1	190.90	1				
102.65	1	192.90	0				
114.95	1	207.90	1				
118.95	0	208.85	1				
126.95	1	259.90	0				
135.05	1	270.00	1				
142.05	1	281.95	0				
173.90	89						
174.90	6						

BFB

Data File : U:\DATA\B\B569\BF300.D
Acq On : 29 May 98 6:30 am
Sample : 50NGBFB
Misc : ;1;L; 8260 LLW B569

Vial: 21
Operator: BRYAN
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS



Peak Apex is scan: 94

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.0	1448	PASS
75	95	30	60	33.5	3224	PASS
95	95	100	100	100.0	9625	PASS
96	95	5	9	5.4	517	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	81.5	7848	PASS
175	174	5	9	9.0	705	PASS
176	174	95	101	96.5	7571	PASS
177	176	5	9	6.0	454	PASS

BF300.D B_8260.M Fri May 29 06:40:54 1998 CHEMSTATION-B

BM 6/10/98

Scan 139 (7.369 min): BF300.D

Modified:subtracted scaled

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.85	1	50.95	5	70.00	0	92.00	3
36.95	2	55.95	1	73.00	3	92.90	3
37.90	2	56.95	1	74.00	11	93.95	9
39.00	1	59.95	1	74.95	33	95.00	100
40.85	0	60.95	3	75.90	3	95.95	5
43.05	1	62.00	3	78.90	2	96.80	2
43.95	1	63.00	3	80.85	0	119.00	1
44.95	1	63.90	2	82.00	1	125.95	1
47.05	3	65.00	1	85.00	0	126.95	1
48.75	2	68.00	7	86.90	5	134.85	0
49.95	15	69.00	9	87.90	6	140.85	1

Scan 139 (7.369 min): BF300.D

Modified:subtracted scaled

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
149.00	1						
155.90	1						
173.90	82						
175.00	7						
175.90	79						
176.80	5						
207.85	0						

6/10/93

ETL

SAMPLE NO.

1A

VBLK01

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB CODE: ETL
CASE NO.: NA
SAMPLE MATRIX (soil/water): WATER
SAMPLE WT/VOL (g/mL): 5 mL
CONC. LEVEL (low/med): LOW
SOIL EXTRACT VOLUME (uL): NA
SOIL ALIQUOT VOLUME (uL): NA
% MOISTURE: NA
GC COLUMN: RTX-624

CONTRACT: NA
SAS NO.: NA
SDG: ANSON-3
LAB SAMPLE ID: VBLK01
LAB FILE ID: B6412.D
DATE RECEIVED: NA
DATE ANALYZED: 05/28/98
DILUTION FACTOR: 1
UNIT (ug/L or ug/Kg): ug/L

COMPOUND	CONC.	Q
Dichlorodifluoromethane	10	U
Chlorodifluoromethane	10	U
Chloromethane	10	U
Vinyl chloride	10	U
Bromomethane	10	U
Chloroethane	10	U
Trichlorofluoromethane	10	U
1,1,2-Trichlorotrifluoroethe	10	U
1,1-Dichloroethene	10	U
Acetone	10	U
Carbon disulfide	10	U
Methylene chloride	10	U
trans-1,2-Dichloroethene	10	U
Methyl t-butyl ether	2	J
1,1-Dichloroethane	10	U
2,2-Dichloropropane	10	U
cis-1,2-Dichloroethene	10	U
2-Butanone	10	U
Bromochloromethane	10	U
Chloroform	10	U
1,1,1-Trichloroethane	10	U
Carbon tetrachloride	10	U
1,1-Dichloropropene	10	U
Benzene	10	U
1,2-Dichloroethane	10	U
Trichloroethene	10	U
1,2-Dichloropropane	10	U
Dibromomethane	10	U
Bromodichloromethane	10	U
2-Chloroethylvinylether	10	U
cis-1,3-Dichloro-1-propene	10	U
4-Methyl-2-pentanone	10	U
Toluene	10	U
trans-1,3-Dichloropropene	10	U
1,1,2-Trichloroethane	10	U
Tetrachloroethene	10	U

COMPOUND	CONC.	Q
1,3-Dichloropropane	10	U
2-Hexanone	10	U
Dibromochloromethane	10	U
1,2-Dibromoethane	10	U
Chlorobenzene	10	U
1,1,1,2-Tetrachloroethane	10	U
Ethylbenzene	10	U
m,p-Xylene	10	U
o-Xylene	10	U
Styrene	10	U
Bromoform	10	U
Isopropylbenzene	10	U
Bromobenzene	10	U
1,1,2,2-Tetrachloroethane	10	U
n-Propylbenzene	10	U
1,2,3-Trichloropropane	10	U
p-Ethyltoluene	10	U
1,3,5-Trimethylbenzene	10	U
2-Chlorotoluene	10	U
4-Chlorotoluene	10	U
tert-Butylbenzene	10	U
1,2,4-Trimethylbenzene	10	U
sec-Butylbenzene	10	U
p-Isopropyltoluene	10	U
1,3-Dichlorobenzene	10	U
1,4-Dichlorobenzene	10	U
1,2-Dichlorobenzene	10	U
p-Diethylbenzene	10	U
n-Butylbenzene	10	U
1,2,4,5-Tetramethylbenzene	10	U
1,2-Dibromo-3-chloropropane	10	U
1,2,4-Trichlorobenzene	10	U
Hexachlorobutadiene	10	U
Naphthalene	10	U
1,2,3-Trichlorobenzene	10	U

Quantitation Report

Data File : U:\DATA\B\B568\B6412.D
Acq On : 28 May 98 11:53 am
Sample : VBLK01
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 12:25 1998

Vial: 26
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	15.49	168	654630	50.00		0.00
27) 1,4-Difluorobenzene	16.85	114	701122	50.00		0.01
38) Chlorobenzene-d5	22.25	117	575226	50.00		0.02
55) 1,4-Dichlorobenzene-d4	26.78	152	345000	50.00		0.02
System Monitoring Compounds						%Recovery
23) Dibromofluoromethane	15.52	113	332769	51.11		102.22%
36) Toluene-d8	19.50	98	664337	50.64		101.28%
54) 4-Bromofluorobenzene	24.50	95	444882	50.31		100.63%
Target Compounds						Qvalue
13) ~~Methylene chloride~~	~~12.15~~	~~84~~	~~7530~~	~~1.81~~		~~92~~
15) Methyl t-butyl ether	12.59	73	12995	1.63		99
29) ~~Trichloroethene~~	~~16.85~~	~~95~~	~~14584~~	~~2.76~~	~~#~~	~~17~~

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

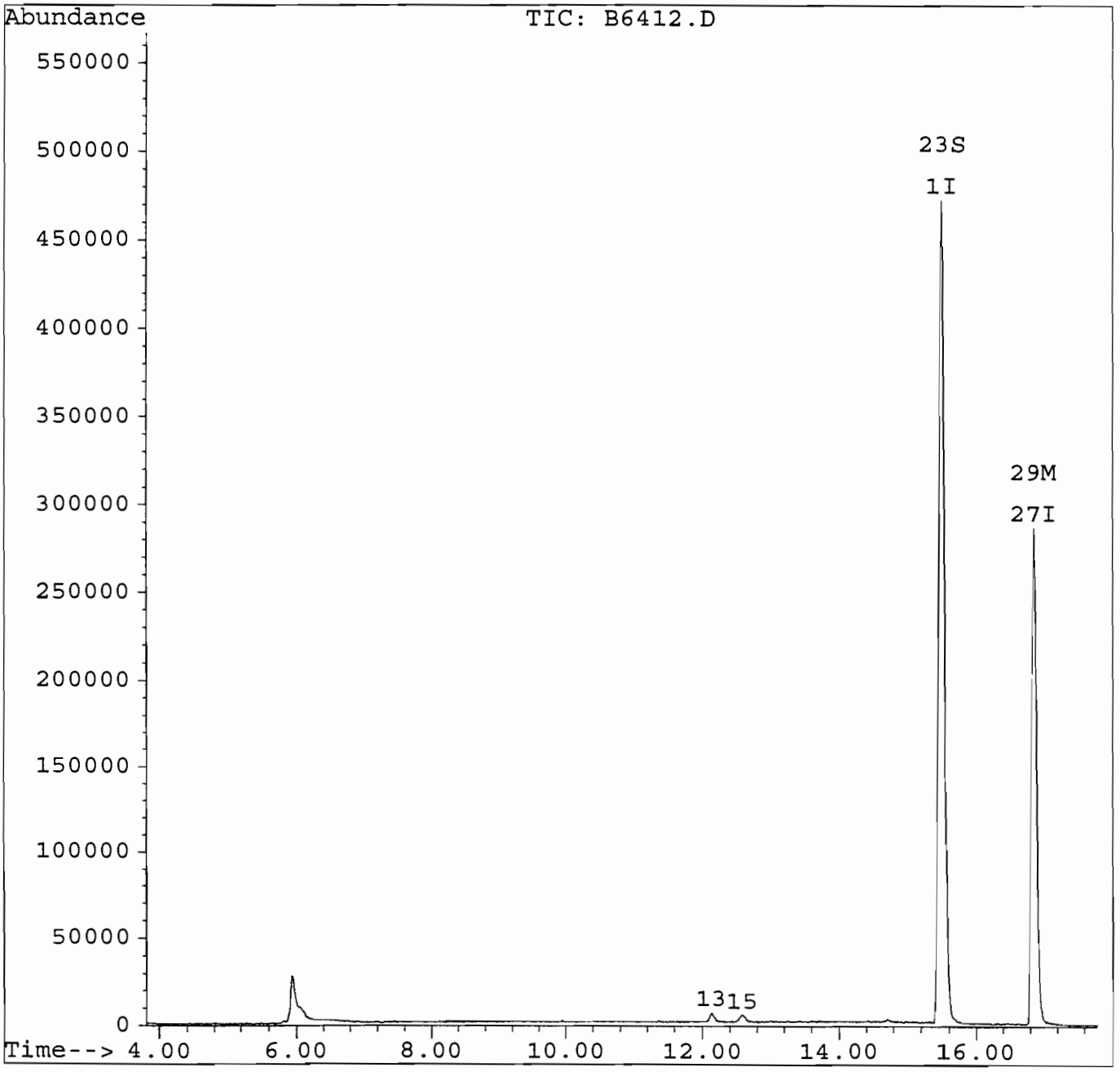
btuths

Quantitation Report

Data File : U:\DATA\B\B568\B6412.D
Acq On : 28 May 98 11:53 am
Sample : VBLK01
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 12:25 1998

Vial: 26
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration



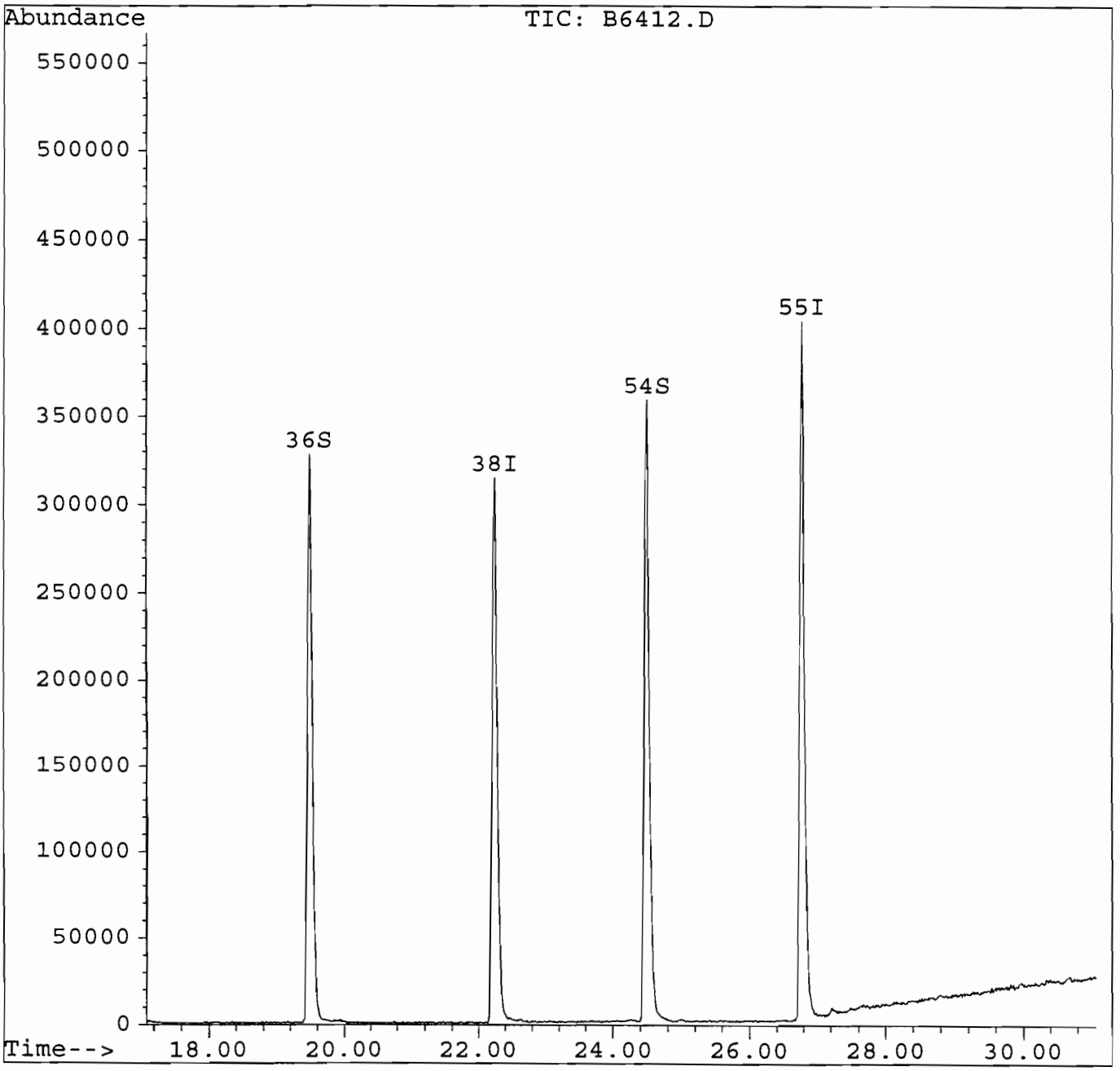
BBB 6/10/98

Quantitation Report

Data File : U:\DATA\B\B568\B6412.D
Acq On : 28 May 98 11:53 am
Sample : VBLK01
Misc : ;1;L; 8260 LLW B568
Quant Time: May 28 12:25 1998

Vial: 26
Operator: MARIA
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Thu May 28 09:47:57 1998
Response via : Single Level Calibration



DM 6/10/45

ETL

SAMPLE NO.

1A

VBLK02

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB CODE: ETL
CASE NO.: NA
SAMPLE MATRIX (soil/water): WATER
SAMPLE WT/VOL (g/mL): 5 mL
CONC. LEVEL (low/med): LOW
SOIL EXTRACT VOLUME (uL): NA
SOIL ALIQUOT VOLUME (uL): NA
% MOISTURE: NA
GC COLUMN: RTX-624

CONTRACT: NA
SAS NO.: NA
SDG: ANSON-3
LAB SAMPLE ID: VBLK02
LAB FILE ID: B6426.D
DATE RECEIVED: NA
DATE ANALYZED: 05/29/98
DILUTION FACTOR: 1
UNIT (ug/L or ug/Kg): ug/L

COMPOUND	CONC.	Q
Dichlorodifluoromethane	10	U
Chlorodifluoromethane	10	U
Chloromethane	10	U
Vinyl chloride	10	U
Bromomethane	10	U
Chloroethane	10	U
Trichlorofluoromethane	10	U
1,1,2-Trichlorotrifluoroethe	10	U
1,1-Dichloroethene	10	U
Acetone	10	U
Carbon disulfide	10	U
Methylene chloride	1	J
trans-1,2-Dichloroethene	10	U
Methyl t-butyl ether	10	U
1,1-Dichloroethane	10	U
2,2-Dichloropropane	10	U
cis-1,2-Dichloroethene	10	U
2-Butanone	10	U
Bromochloromethane	10	U
Chloroform	10	U
1,1,1-Trichloroethane	10	U
Carbon tetrachloride	10	U
1,1-Dichloropropene	10	U
Benzene	10	U
1,2-Dichloroethane	10	U
Trichloroethene	10	U
1,2-Dichloropropane	10	U
Dibromomethane	10	U
Bromodichloromethane	10	U
2-Chloroethylvinylether	10	U
cis-1,3-Dichloro-1-propene	10	U
4-Methyl-2-pentanone	10	U
Toluene	10	U
trans-1,3-Dichloropropene	10	U
1,1,2-Trichloroethane	10	U
Tetrachloroethene	10	U

COMPOUND	CONC.	Q
1,3-Dichloropropane	10	U
2-Hexanone	10	U
Dibromochloromethane	10	U
1,2-Dibromoethane	10	U
Chlorobenzene	10	U
1,1,1,2-Tetrachloroethane	10	U
Ethylbenzene	10	U
m,p-Xylene	10	U
o-Xylene	10	U
Styrene	10	U
Bromoform	10	U
Isopropylbenzene	10	U
Bromobenzene	10	U
1,1,2,2-Tetrachloroethane	10	U
n-Propylbenzene	10	U
1,2,3-Trichloropropane	10	U
p-Ethyltoluene	10	U
1,3,5-Trimethylbenzene	10	U
2-Chlorotoluene	10	U
4-Chlorotoluene	10	U
tert-Butylbenzene	10	U
1,2,4-Trimethylbenzene	10	U
sec-Butylbenzene	10	U
p-Isopropyltoluene	10	U
1,3-Dichlorobenzene	10	U
1,4-Dichlorobenzene	10	U
1,2-Dichlorobenzene	10	U
p-Diethylbenzene	10	U
n-Butylbenzene	10	U
1,2,4,5-Tetramethylbenzene	10	U
1,2-Dibromo-3-chloropropane	10	U
1,2,4-Trichlorobenzene	10	U
Hexachlorobutadiene	10	U
Naphthalene	10	U
1,2,3-Trichlorobenzene	10	U

Quantitation Report

Data File : U:\DATA\B\B569\B6426.D
Acq On : 29 May 98 9:21 am
Sample : VBLK02
Misc : ;1;L; 8260 LLW B569
Quant Time: May 29 9:53 1998

Vial: 25
Operator: BRYAN
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Fri May 29 07:40:36 1998
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	15.45	168	702627	50.00		-0.02
27) 1,4-Difluorobenzene	16.81	114	741239	50.00		-0.02
38) Chlorobenzene-d5	22.22	117	607752	50.00		0.00
55) 1,4-Dichlorobenzene-d4	26.76	152	355183	50.00		0.00
System Monitoring Compounds						%Recovery
23) Dibromofluoromethane	15.47	113	349254	49.86		99.73%
36) Toluene-d8	19.46	98	701897	50.42		100.84%
54) 4-Bromofluorobenzene	24.48	95	468833	50.36		100.72%
Target Compounds						Qvalue
13) Methylene chloride	12.11	84	4719	1.13		89
~~78) 1,2,3-Trichlorobenzene~~	~~30.64~~	~~180~~	~~5753~~	~~2.16~~		~~98~~

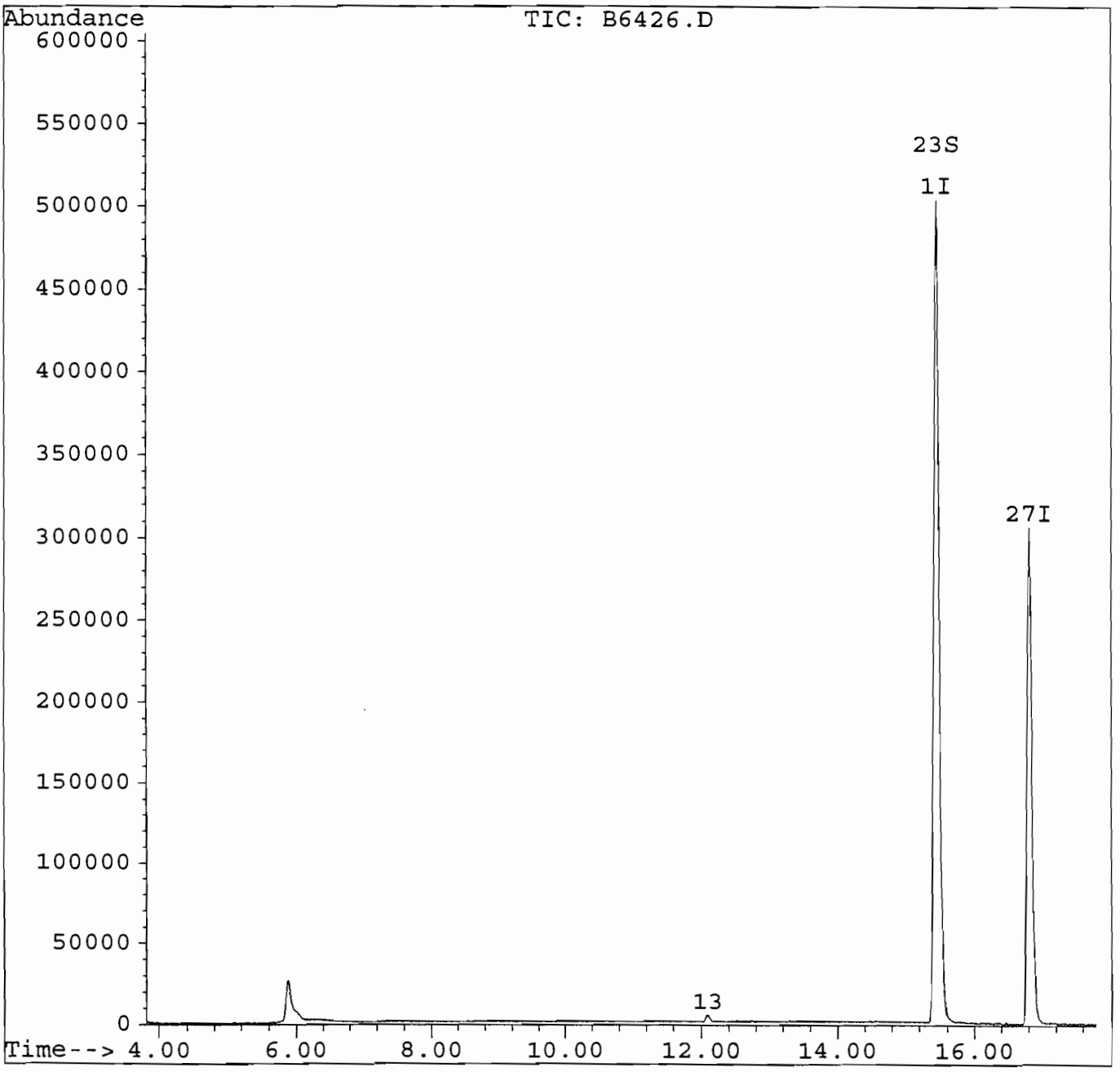
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : U:\DATA\B\B569\B6426.D
Acq On : 29 May 98 9:21 am
Sample : VBLK02
Misc : ;1;L; 8260 LLW B569
Quant Time: May 29 9:53 1998

Vial: 25
Operator: BRYAN
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Fri May 29 07:40:36 1998
Response via : Single Level Calibration



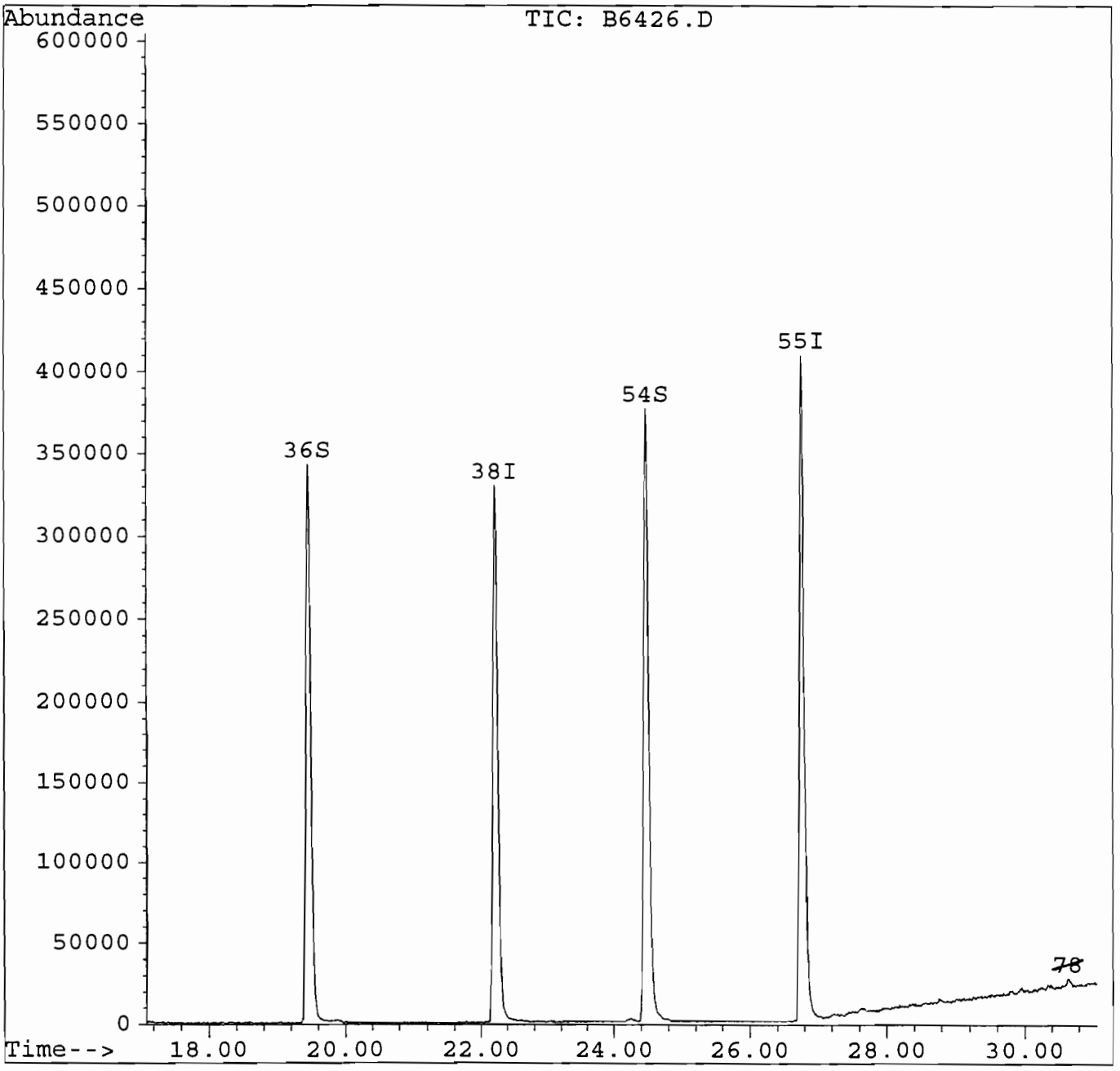
6/10/98

Quantitation Report

Data File : U:\DATA\B\B569\B6426.D
Acq On : 29 May 98 9:21 am
Sample : VBLK02
Misc : ;1;L; 8260 LLW B569
Quant Time: May 29 9:53 1998

Vial: 25
Operator: BRYAN
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Fri May 29 07:40:36 1998
Response via : Single Level Calibration



BPD 6/10/98

ETL

SAMPLE NO.

G7469-8MS

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB CODE: ETL
CASE NO.: NA
SAMPLE MATRIX (soil/water): WATER
SAMPLE WT/VOL (g/mL): 5 mL
CONC. LEVEL (low/med): LOW
SOIL EXTRACT VOLUME (uL): NA
SOIL ALIQUOT VOLUME (uL): NA
% MOISTURE: NA
GC COLUMN: RTX-624

CONTRACT: NA
SAS NO.: NA
SDG: ANSON-3
LAB SAMPLE ID: G7469-8MS
LAB FILE ID: B6436.D
DATE RECEIVED: NA
DATE ANALYZED: 05/29/98
DILUTION FACTOR: 20
UNIT (ug/L or ug/Kg): ug/L

COMPOUND	CONC.	Q
Dichlorodifluoromethane	200	U
Chlorodifluoromethane	200	U
Chloromethane	200	U
Vinyl chloride	200	U
Bromomethane	200	U
Chloroethane	200	U
Trichlorofluoromethane	200	U
1,1,2-Trichlorotrifluoroethe	200	U
1,1-Dichloroethene	900	
Acetone	200	U
Carbon disulfide	200	U
Methylene chloride	200	U
trans-1,2-Dichloroethene	200	U
Methyl t-butyl ether	200	U
1,1-Dichloroethane	200	U
2,2-Dichloropropane	200	U
cis-1,2-Dichloroethene	200	U
2-Butanone	200	U
Bromochloromethane	200	U
Chloroform	200	U
1,1,1-Trichloroethane	200	U
Carbon tetrachloride	200	U
1,1-Dichloropropene	200	U
Benzene	860	
1,2-Dichloroethane	200	U
Trichloroethene	890	
1,2-Dichloropropane	200	U
Dibromomethane	200	U
Bromodichloromethane	200	U
2-Chloroethylvinylether	200	U
cis-1,3-Dichloro-1-propene	200	U
4-Methyl-2-pentanone	200	U
Toluene	850	
trans-1,3-Dichloropropene	200	U
1,1,2-Trichloroethane	200	U
Tetrachloroethene	850	

COMPOUND	CONC.	Q
1,3-Dichloropropane	200	U
2-Hexanone	200	U
Dibromochloromethane	200	U
1,2-Dibromoethane	200	U
Chlorobenzene	840	
1,1,1,2-Tetrachloroethane	200	U
Ethylbenzene	200	U
m,p-Xylene	200	U
o-Xylene	200	U
Styrene	200	U
Bromoform	200	U
Isopropylbenzene	200	U
Bromobenzene	200	U
1,1,2,2-Tetrachloroethane	200	U
n-Propylbenzene	200	U
1,2,3-Trichloropropane	200	U
p-Ethyltoluene	200	U
1,3,5-Trimethylbenzene	200	U
2-Chlorotoluene	200	U
4-Chlorotoluene	200	U
tert-Butylbenzene	200	U
1,2,4-Trimethylbenzene	200	U
sec-Butylbenzene	200	U
p-Isopropyltoluene	200	U
1,3-Dichlorobenzene	200	U
1,4-Dichlorobenzene	200	U
1,2-Dichlorobenzene	200	U
p-Diethylbenzene	200	U
n-Butylbenzene	200	U
1,2,4,5-Tetramethylbenzene	200	U
1,2-Dibromo-3-chloropropane	200	U
1,2,4-Trichlorobenzene	200	U
Hexachlorobutadiene	200	U
Naphthalene	200	U
1,2,3-Trichlorobenzene	200	U

Quantitation Report

Data File : U:\DATA\B\B569\B6436.D
Acq On : 29 May 98 5:26 pm
Sample : G7469-8MS
Misc : ;20;L; 8260 LLW B569
Quant Time: May 29 17:58 1998

Vial: 33
Operator: BRYAN
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Fri May 29 07:40:36 1998
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	15.47	168	668124	50.00		0.00
27) 1,4-Difluorobenzene	16.84	114	714034	50.00		0.00
38) Chlorobenzene-d5	22.22	117	579355	50.00		0.00
55) 1,4-Dichlorobenzene-d4	26.77	152	349783	50.00		0.00
System Monitoring Compounds						%Recovery
23) Dibromofluoromethane	15.48	113	335222	50.33		100.66%
36) Toluene-d8	19.47	98	685487	51.11		102.23%
54) 4-Bromofluorobenzene	24.48	95	454505	51.22		102.43%
Target Compounds						Qvalue
10) 1,1-Dichloroethene	10.94	96	161076	44.96		98
~~13) Methylene chloride~~	~~12.12~~	~~84~~	~~5705~~	~~1.44~~		~~86~~
~~18) cis 1,2 Dichloroethene~~	~~14.65~~	~~96~~	~~12270~~	~~2.97~~		~~96~~
~~19) 2-Butanone~~	~~15.16~~	~~72~~	~~323021~~	~~1270.23~~	~~#~~	~~1~~
~~22) 1,1,1-Trichloroethane~~	~~15.50~~	~~97~~	~~6609~~	~~1.31~~	~~#~~	~~1~~
26) Benzene	16.16	78	500545	43.26		99
29) Trichloroethene	17.30	95	228057	44.52		100
37) Toluene	19.60	92	352515	42.63		94
~~40) 1,1,2-Trichloroethane~~	~~20.56~~	~~83~~	~~4467~~	~~1.20~~	~~#~~	~~18~~
41) Tetrachloroethene	20.56	166	259289	42.70		100
46) Chlorobenzene	22.28	112	431873	41.94		99

DM 6/10/98

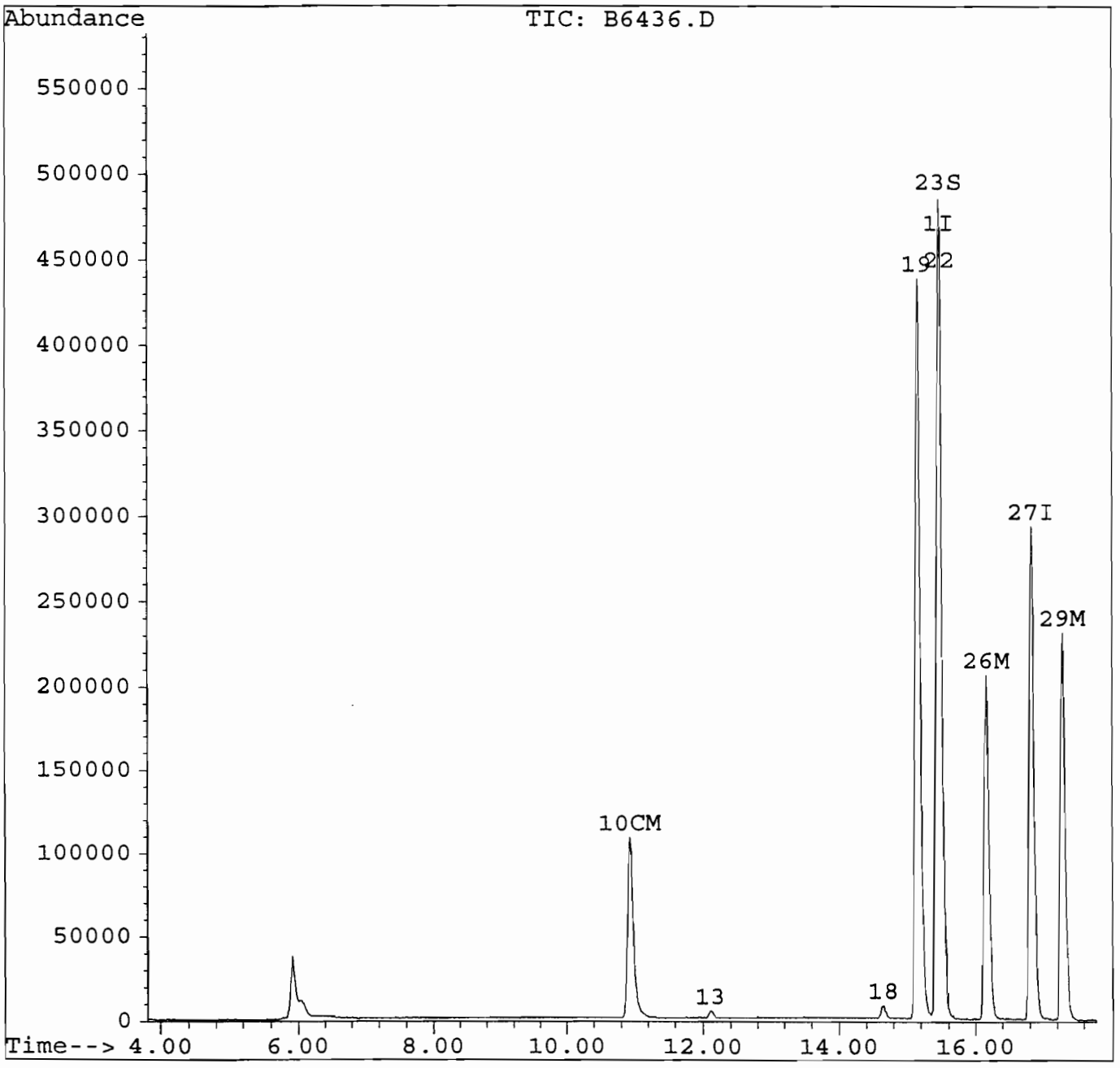
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : U:\DATA\B\B569\B6436.D
Acq On : 29 May 98 5:26 pm
Sample : G7469-8MS
Misc : ;20;L; 8260 LLW B569
Quant Time: May 29 17:58 1998

Vial: 33
Operator: BRYAN
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Fri May 29 07:40:36 1998
Response via : Single Level Calibration



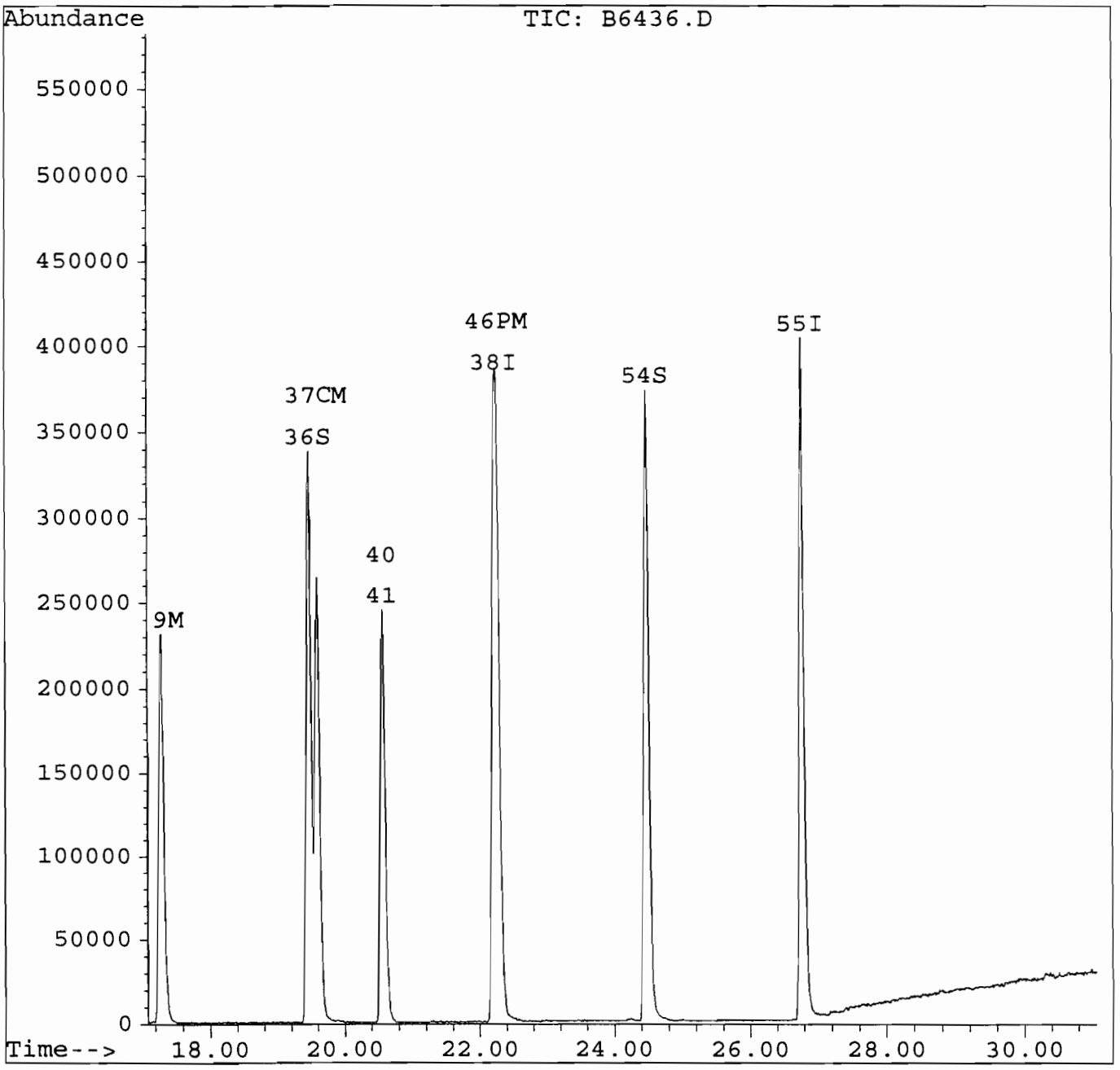
BOW 6/10/98

Quantitation Report

Data File : U:\DATA\B\B569\B6436.D
Acq On : 29 May 98 5:26 pm
Sample : G7469-8MS
Misc : ;20;L; 8260 LLW B569
Quant Time: May 29 17:58 1998

Vial: 33
Operator: BRYAN
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Fri May 29 07:40:36 1998
Response via : Single Level Calibration



BM 6/10/98

ETL

SAMPLE NO.

G7469-8MSD

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB CODE: ETL
CASE NO.: NA
SAMPLE MATRIX (soil/water): WATER
SAMPLE WT/VOL (g/mL): 5 mL
CONC. LEVEL (low/med): LOW
SOIL EXTRACT VOLUME (uL): NA
SOIL ALIQUOT VOLUME (uL): NA
% MOISTURE: NA
GC COLUMN: RTX-624

CONTRACT: NA
SAS NO.: NA
SDG: ANSON-3
LAB SAMPLE ID: G7469-8MSD
LAB FILE ID: B6437.D
DATE RECEIVED: NA
DATE ANALYZED: 05/29/98
DILUTION FACTOR: 20
UNIT (ug/L or ug/Kg): ug/L

COMPOUND	CONC.	Q
Dichlorodifluoromethane	200	U
Chlorodifluoromethane	200	U
Chloromethane	200	U
Vinyl chloride	200	U
Bromomethane	200	U
Chloroethane	200	U
Trichlorofluoromethane	200	U
1,1,2-Trichlorotrifluoroethe	200	U
1,1-Dichloroethene	980	
Acetone	200	U
Carbon disulfide	200	U
Methylene chloride	200	U
trans-1,2-Dichloroethene	200	U
Methyl t-butyl ether	200	U
1,1-Dichloroethane	200	U
2,2-Dichloropropane	200	U
cis-1,2-Dichloroethene	200	U
2-Butanone	200	U
Bromochloromethane	200	U
Chloroform	200	U
1,1,1-Trichloroethane	200	U
Carbon tetrachloride	200	U
1,1-Dichloropropene	200	U
Benzene	930	
1,2-Dichloroethane	200	U
Trichloroethene	960	
1,2-Dichloropropane	200	U
Dibromomethane	200	U
Bromodichloromethane	200	U
2-Chloroethylvinylether	200	U
cis-1,3-Dichloro-1-propene	200	U
4-Methyl-2-pentanone	200	U
Toluene	920	
trans-1,3-Dichloropropene	200	U
1,1,2-Trichloroethane	200	U
Tetrachloroethene	840	

COMPOUND	CONC.	Q
1,3-Dichloropropane	200	U
2-Hexanone	200	U
Dibromochloromethane	200	U
1,2-Dibromoethane	200	U
Chlorobenzene	900	
1,1,1,2-Tetrachloroethane	200	U
Ethylbenzene	200	U
m,p-Xylene	200	U
o-Xylene	200	U
Styrene	200	U
Bromoform	200	U
Isopropylbenzene	200	U
Bromobenzene	200	U
1,1,2,2-Tetrachloroethane	200	U
n-Propylbenzene	200	U
1,2,3-Trichloropropane	200	U
p-Ethyltoluene	200	U
1,3,5-Trimethylbenzene	200	U
2-Chlorotoluene	200	U
4-Chlorotoluene	200	U
tert-Butylbenzene	200	U
1,2,4-Trimethylbenzene	200	U
sec-Butylbenzene	200	U
p-Isopropyltoluene	200	U
1,3-Dichlorobenzene	200	U
1,4-Dichlorobenzene	200	U
1,2-Dichlorobenzene	200	U
p-Diethylbenzene	200	U
n-Butylbenzene	200	U
1,2,4,5-Tetramethylbenzene	200	U
1,2-Dibromo-3-chloropropane	200	U
1,2,4-Trichlorobenzene	200	U
Hexachlorobutadiene	200	U
Naphthalene	200	U
1,2,3-Trichlorobenzene	200	U

Quantitation Report

Data File : U:\DATA\B\B569\B6437.D
Acq On : 29 May 98 6:05 pm
Sample : G7469-8MSD
Misc : ;20;L; 8260 LLW B569
Quant Time: May 29 18:36 1998

Vial: 34
Operator: BRYAN
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Fri May 29 07:40:36 1998
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	15.47	168	676947	50.00		0.00
27) 1,4-Difluorobenzene	16.83	114	719318	50.00		0.00
38) Chlorobenzene-d5	22.22	117	587352	50.00		0.00
55) 1,4-Dichlorobenzene-d4	26.76	152	350545	50.00		-0.02
System Monitoring Compounds						%Recovery
23) Dibromofluoromethane	15.48	113	338581	50.17		100.35%
36) Toluene-d8	19.47	98	692749	51.28		102.55%
54) 4-Bromofluorobenzene	24.48	95	463411	51.51		103.02%
Target Compounds						Qvalue
10) 1,1-Dichloroethene	10.94	96	177547	48.91		97
~~13) Methylene chloride~~	~~12.12~~	~~84~~	~~5256~~	~~1.31~~		~~86~~
~~18) cis-1,2-Dichloroethene~~	~~14.64~~	~~96~~	~~11842~~	~~2.83~~		~~92~~
~~19) 2-Butanone~~	~~15.16~~	~~72~~	~~333966~~	~~1296.15~~	~~#~~	~~1~~
~~22) 1,1,1-Trichloroethane~~	~~15.49~~	~~97~~	~~6727~~	~~1.32~~	~~#~~	~~1~~
26) Benzene	16.16	78	543210	46.33		98
29) Trichloroethene	17.29	95	247886	48.03		99
37) Toluene	19.60	92	382495	45.91		96
~~40) 1,1,2-Trichloroethane~~	~~20.56~~	~~83~~	~~4581~~	~~1.21~~	~~#~~	~~18~~
41) Tetrachloroethene	20.57	166	259632	42.18		98
46) Chlorobenzene	22.28	112	471179	45.13		98

BM 6/10/98

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

Quantitation Report

Data File : U:\DATA\B\B569\B6437.D
Acq On : 29 May 98 6:05 pm
Sample : G7469-8MSD
Misc : ;20;L; 8260 LLW B569
Quant Time: May 29 18:36 1998

Vial: 34
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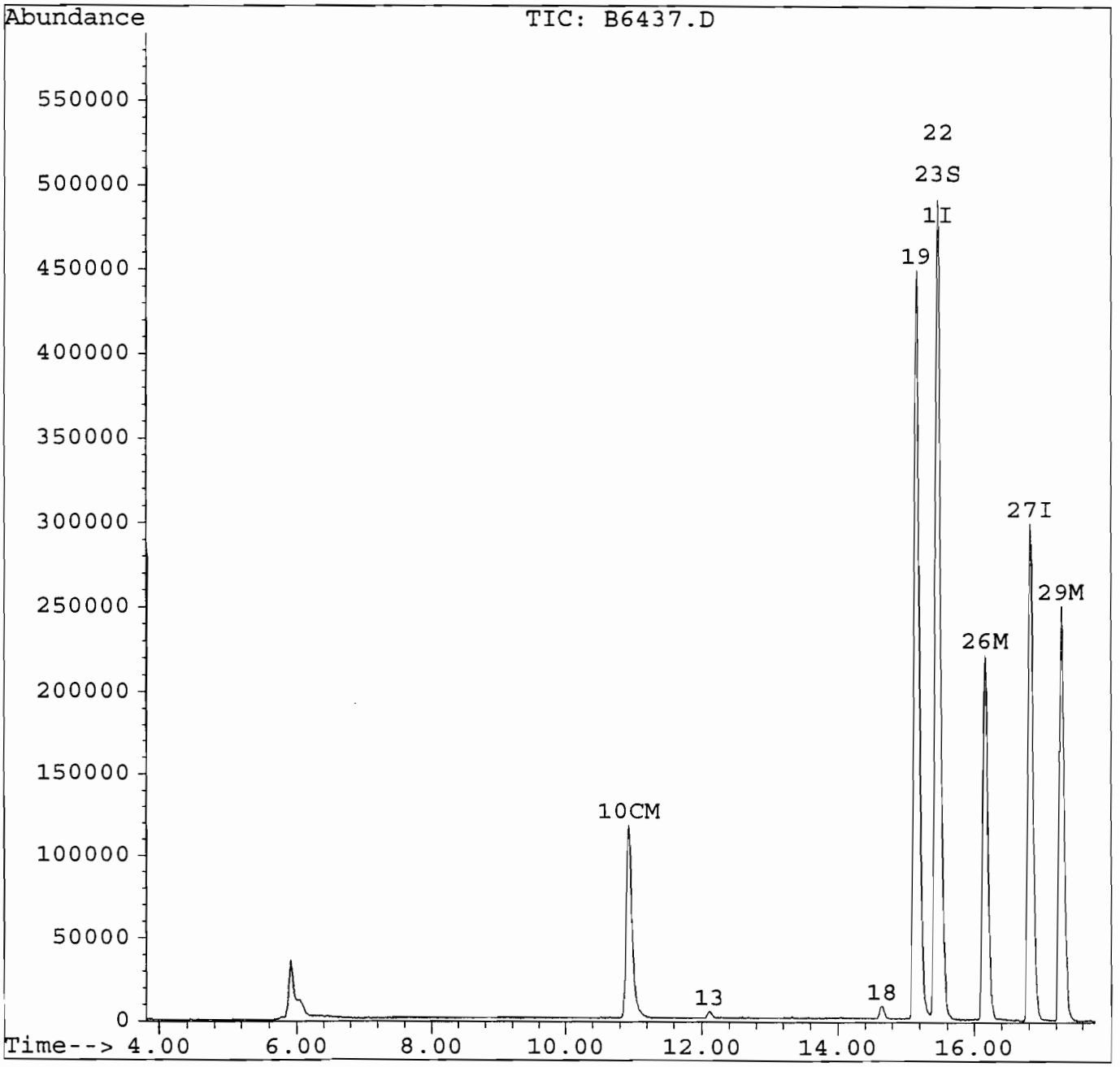
Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Fri May 29 07:40:36 1998
Response via : Single Level Calibration



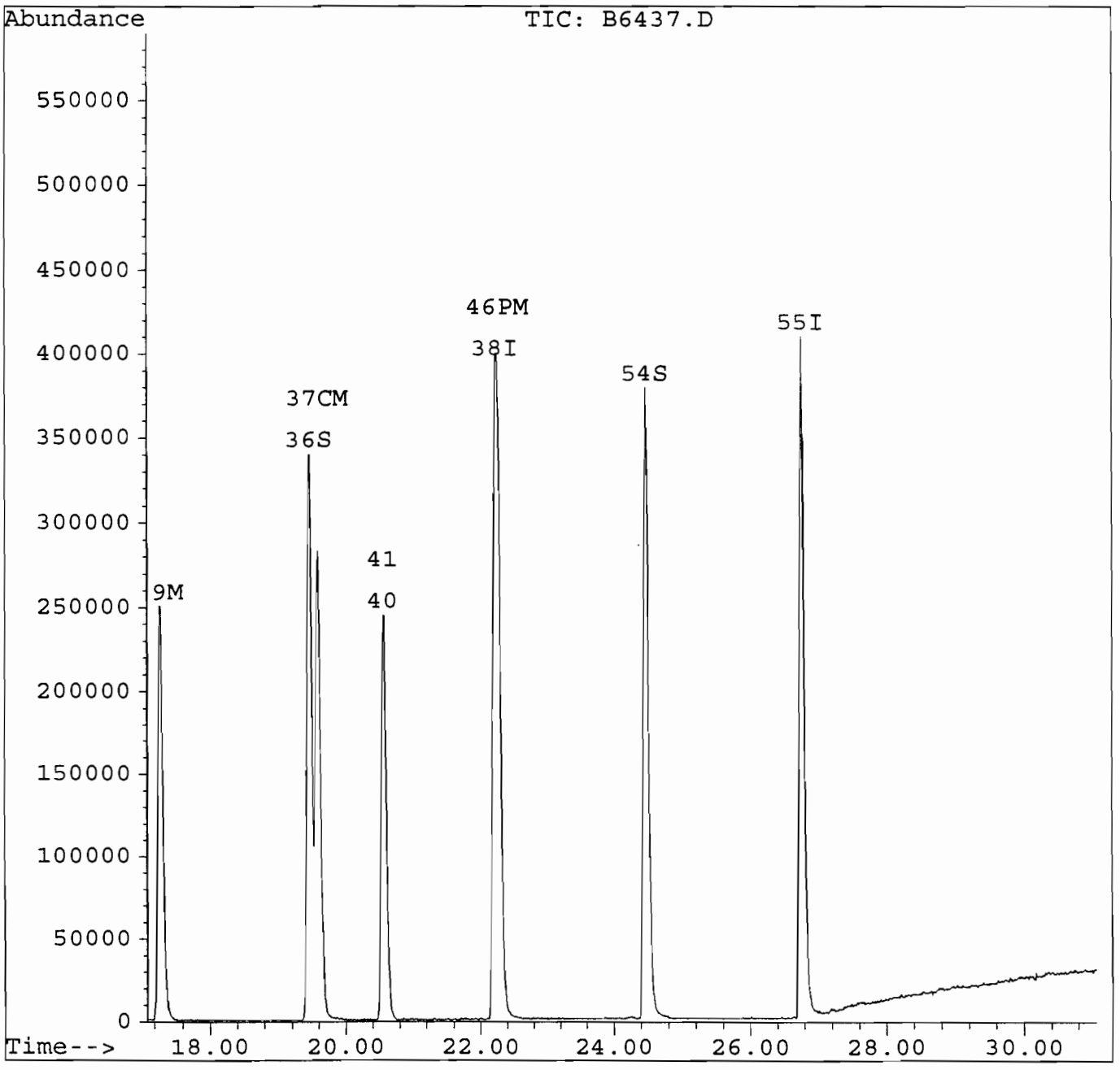
BTK
6/10/98

Quantitation Report

Data File : U:\DATA\B\B569\B6437.D
Acq On : 29 May 98 6:05 pm
Sample : G7469-8MSD
Misc : ;20;L; 8260 LLW B569
Quant Time: May 29 18:36 1998

Vial: 34
Operator: BRYAN
Inst : 5971 MSD
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\B_8260.M
Title : 8240 / 8260 LLW/MLS
Last Update : Fri May 29 07:40:36 1998
Response via : Single Level Calibration



Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 516-249-8344 · Phone: 516-249-1456

Extraction Logs / Analysis Logs

			GC/MS		
STD.CODES					
CAL.STD			BATCH	B566	
MS			DATE	5/27/98	
MSD					
			ID FILE	B_8260	Q CAL'D MT
CHECK STD				B_8240	
DATA FILE	COC	INJ.TIME	ALS	DILUTION	COMMENT
BF296	50NG BFB			NA	
B6376	VSTD005		1	↓	
B6377	VSTD005		2		
B6378	VSTD020		3		
B6379	VSTD050		4		
B6380	VSTD100		5		
B6381	VSTD150		6		
B6382	BL		7		
B6383	BL.		8	↓	
WITNESSED			BOOK#		PAGE# 40

			GC/MS		
STD.CODES					
CAL.STD			BATCH	B568	
MS			DATE	5/28/98	
MSD					
			ID FILE	B_8260	Q CAL'D
CHECK STD				B_8240	
DATA FILE	COC	INJ.TIME	ALS	DILUTION	COMMENT
BF299	SCNGBFB			NA	
B6407	VSTD050				
B6408	VSTD050				
B6409	20PPB Ref		1		
B6410	VBLK01		2		
B6411	VBLKC1		3		
B6412	VBLK01		4		
B6413 23	1835-3		5	1250	
B6414 24	-4		6	5000	
B6415 25	68750-2		7	10	
B6416 26	3		8		
B6417 27	4		9		
B6418 28	5		10		
B6419 13	G7469-1		11	1	
B6420 14	2		12	1	
B6421 15	3		13	1	
B6422 16	4		14	1	
B6423 17	5		15	1	
B6424 18	6		16	1	
B6425 19	7		17	1	
B6426 20	8		18	1	
B6427 21	G5636-1		19	10	
B6428 22	G7018-11		20	50	
B6429					
WITNESSED			BOOK#		PAGE# 41

			GC/MS		
STD.CODES					
CAL.STD			BATCH	B569	
MS			DATE	5/29/98	
MSD			ID FILE	B_8260	Q CAL'D MA
CHECK STD				B_8240	

DATA FILE	COC	INJ.TIME	ALS	DILUTION	COMMENT
B7300	50NGBFB			NA	
B6423	VSTD050			↓	
B6424	20PPB Ref				
B6425	VBLK02				
B6426	VBLK02				
B6427	VBLK02 <VBLK02		14	↓	
~~B6428~~ B6428	G1835-4		1	5000	
B6429 30	G8750-2		2	10	
B6430 1	-3		3	↓	
B6431 2	-4		4		
B6432 3	5		5	↓	
B6433 4	G7469-4		6	20.	
B6434 5	-8		7	20	
B6435 6	-8MS		8	↓	
B6436 7	-8MSD		9	↓	
B6437 8	G5636-1		10	1	
B6438 9	G7018-11		11	1	
B					

WITNESSED		BOOK#	PAGE# 42