ATTACHMENT 3: LABORATORY ANALYTICAL REPORTS (SUMMARY SHEETS)

This attachment contains the summary sheets from the laboratory analytical reports prepared by Laucks and CAS. Complete analytical reports are available upon request.

SAMPLE DATA

SDG# JPL28

Volatiles

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410021.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 15:10

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.49	J
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	5.4	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.26	J
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410021.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 15:10

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	3.1	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410021.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 15:10

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-21-5

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL28

Run Sequence: R016728

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL28-001

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0410021.D

Level: (LOW/MED)

Date Collected: 03/28/2007

% Moisture: not dec.

Date Analyzed: 04/10/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
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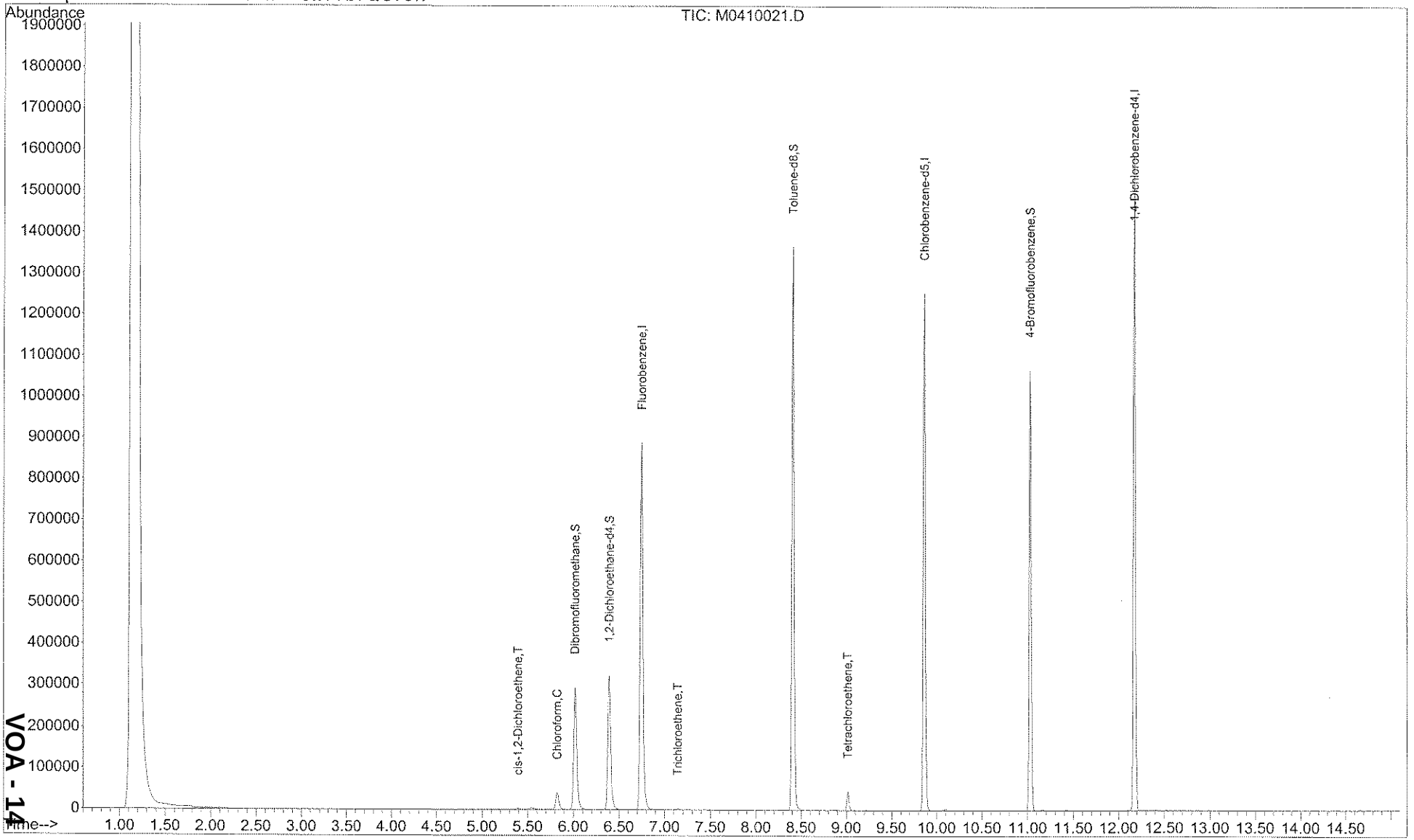
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410021.D Vial: 58
Acq On : 10 Apr 2007 15:10 Operator: LPM
Sample : JPL28-001 Inst : MOBY
Misc : #1 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:24 2007 Quant Results File: 524.RES

Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration



VOA - 14

Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410021.D Vial: 58
Acq On : 10 Apr 2007 15:10 Operator: LPM
Sample : JPL28-001 Inst : MOBY
Misc : #1 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:24 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\040907\M0409012.D (9 Apr 2007 12:54)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.75	96	888114	50.00	ug/l	0.00 84.80%
50) Chlorobenzene-d5	9.86	82	371828	50.00	ug/l	0.00 82.08%
70) 1,4-Dichlorobenzene-d4	12.17	152	378256	50.00	ug/l	0.00 80.94%
System Monitoring Compounds						
33) Dibromofluoromethane	6.02	111	214616	50.79	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.58%			
37) 1,2-Dichloroethane-d4	6.39	65	252518	51.80	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.60%			
51) Toluene-d8	8.41	98	897944	51.95	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 103.90%			
72) 4-Bromofluorobenzene	11.03	95	316101	51.09	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 102.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.05	76	118	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	3.86	96	55	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	3.95	73	129	N.D.		
22) 1,1-Dichloroethane	4.56	63	955	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	5.40	96	1913	0.49	ug/l	84
27) 2-Butanone	5.54	43	135	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	5.83	83	38076	5.37	ug/l	95
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	6.02	75	57	N.D.		
38) Benzene	6.42	78	359	N.D.		

(#) = qualifier out of range (m) = manual integration
M0410021.D 524.M Wed Apr 11 07:24:09 2007

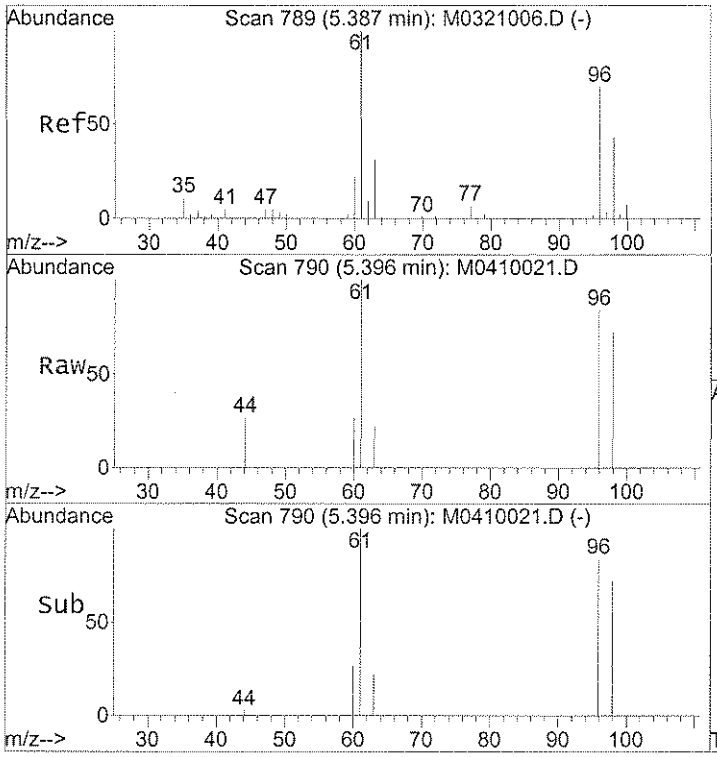
Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410021.D Vial: 58
Acq On : 10 Apr 2007 15:10 Operator: LPM
Sample : JPL28-001 Inst : MOBY
Misc : #1 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:24 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D.	
41)	Trichloroethene	7.14	130	1096	0.26 ug/l #	51
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	7.71	83	278	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	8.47	92	279	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	9.02	166	13076	3.10 ug/l	95
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.89	112	200	N.D.	
62)	1-Chlorohexane	9.86	91	1290	N.D.	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	9.99	91	828	N.D.	
65)	m,p-Xylene	10.10	106	1506	N.D.	
66)	o-xylene	10.49	106	323	N.D.	
67)	Styrene	0.00	104	0	N.D. d	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.85	105	143	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	11.04	156	70	N.D.	
74)	1,1,2,2-Tetrachloroethane	11.03	83	282	N.D.	
75)	1,2,3-Trichloropropane	11.03	110	186	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	11.26	91	249	N.D.	
78)	4-Chlorotoluene	11.47	91	206	N.D.	
79)	1,3,5-Trimethylbenzene	11.44	105	116	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D. d	
82)	sec-butylbenzene	0.00	105	0	N.D. d	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D. d	
84)	4-Isopropyltoluene	0.00	119	0	N.D. d	
85)	1,4-Dichlorobenzene	12.19	146	362	N.D.	
86)	1,2-Dichlorobenzene	12.57	146	470	N.D.	
87)	n-Butylbenzene	12.52	91	357	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	14.17	180	564	N.D.	
90)	Hexachlorobutadiene	14.30	225	55	N.D.	
91)	Naphthalene	0.00	128	0	N.D. d	
92)	1,2,3-Trichlorobenzene	14.66	180	548	N.D.	

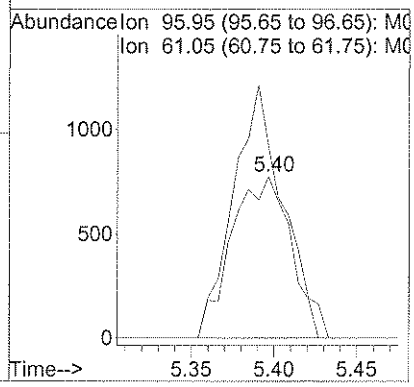
(#) = qualifier out of range (m) = manual integration

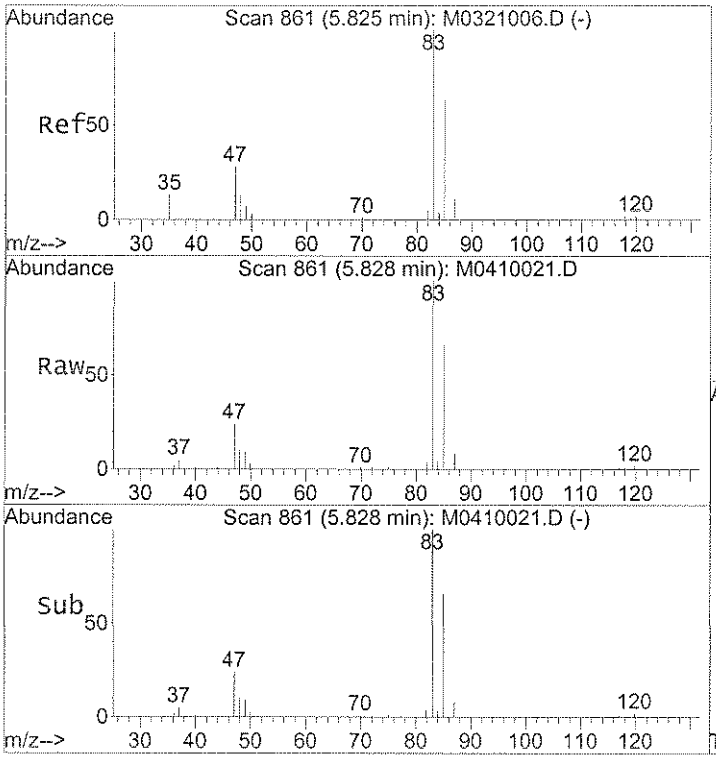


#26
cis-1,2-Dichloroethene
Concen: 0.49 ug/l
RT: 5.40 min Scan# 790
Delta R.T. 0.01 min
Lab File: M0410021.D
Acq: 10 Apr 2007 15:10

Tgt Ion: 96 Resp: 1913

Ion	Ratio	Lower	Upper
96	100		
61	134.4	93.4	140.2

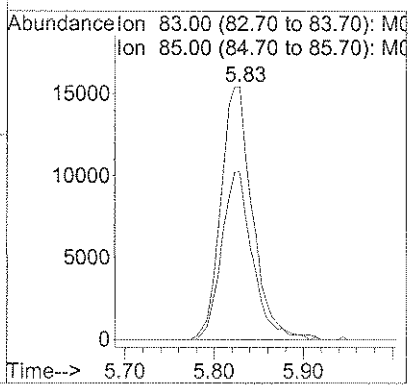


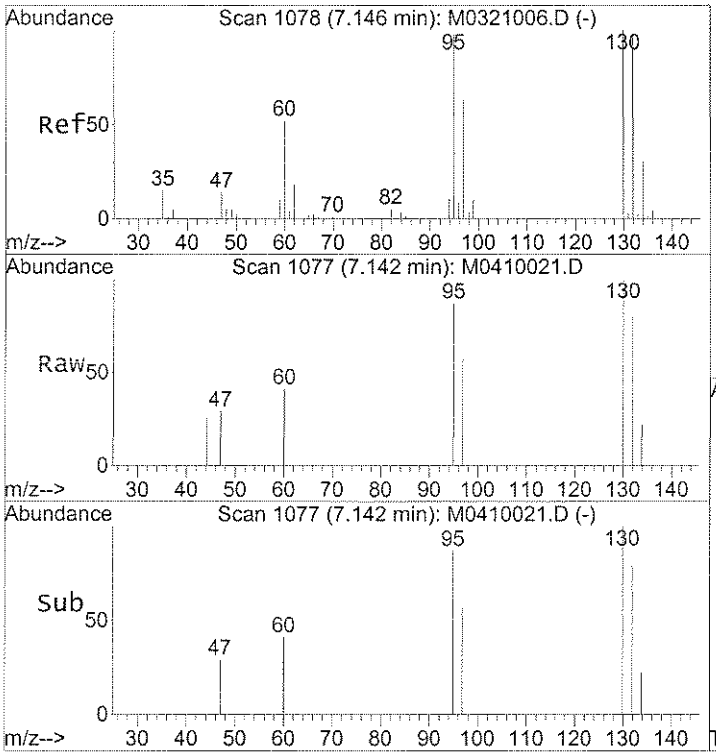


#31
Chloroform
Concen: 5.37 ug/l
RT: 5.83 min Scan# 861
Delta R.T. 0.00 min
Lab File: M0410021.D
Acq: 10 Apr 2007 15:10

Tgt Ion: 83 Resp: 38076

Ion	Ratio	Lower	Upper
83	100		
85	64.9	41.2	81.2

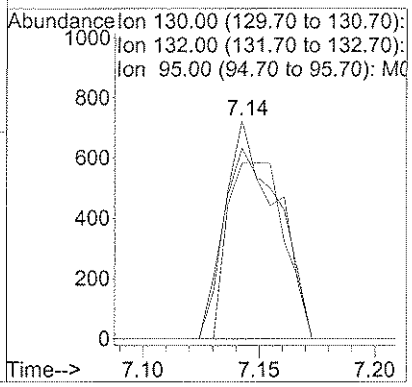


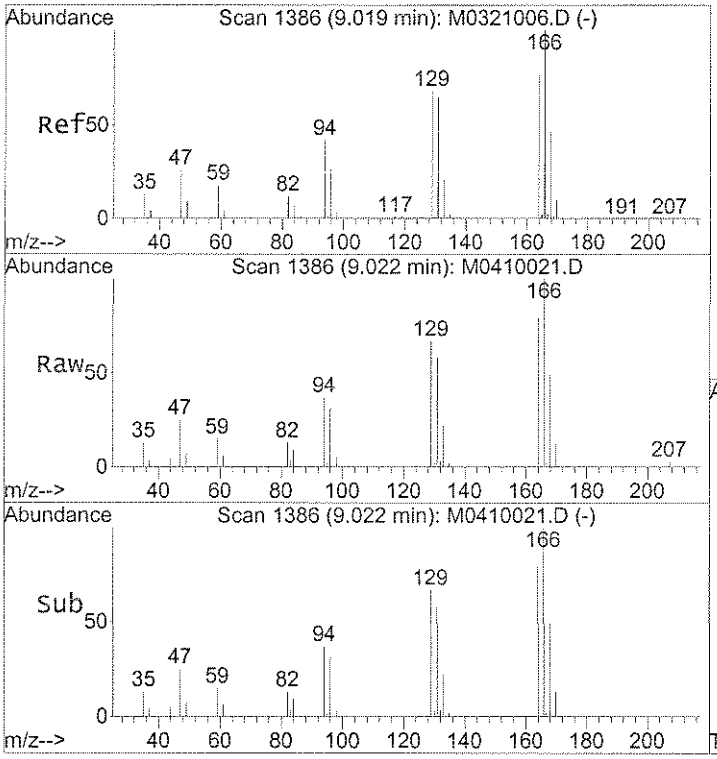


#41
Trichloroethene
Concen: 0.26 ug/l
RT: 7.14 min Scan# 1077
Delta R.T. -0.00 min
Lab File: M0410021.D
Acq: 10 Apr 2007 15:10

Tgt Ion:130 Resp: 1096

Ion	Ratio	Lower	Upper
130	100		
132	90.5	75.0	115.0
95	0.0	69.4	109.4#

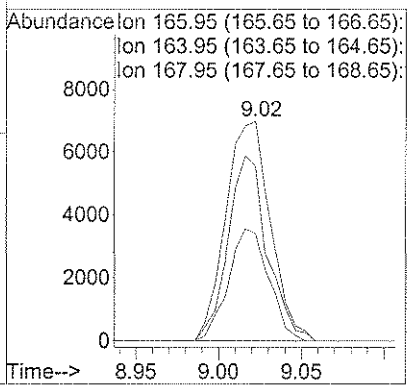




#56
Tetrachloroethene
Concen: 3.10 ug/l
RT: 9.02 min Scan# 1386
Delta R.T. 0.00 min
Lab File: M0410021.D
Acq: 10 Apr 2007 15:10

Tgt Ion:166 Resp: 13076

Ion	Ratio	Lower	Upper
166	100		
164	74.1	63.3	94.9
168	46.0	39.6	59.4



Library Search Compound Report

Data File : X:\MSVOA\MOBY\041007\M0410021.D Vial: 58
Acq On : 10 Apr 2007 15:10 Operator: LPM
Sample : JPL28-001 Inst : MOBY
Misc : #1 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0410021.D 524.M Wed Apr 11 08:32:00 2007

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410022.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 15:32

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.59	
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	4.6	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410022.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 15:32

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	2.6	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410022.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 15:32

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-21-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL28

Run Sequence: R016728

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL28-002

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0410022.D

Level: (LOW/MED)

Date Collected: 03/28/2007

% Moisture: not dec.

Date Analyzed: 04/10/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

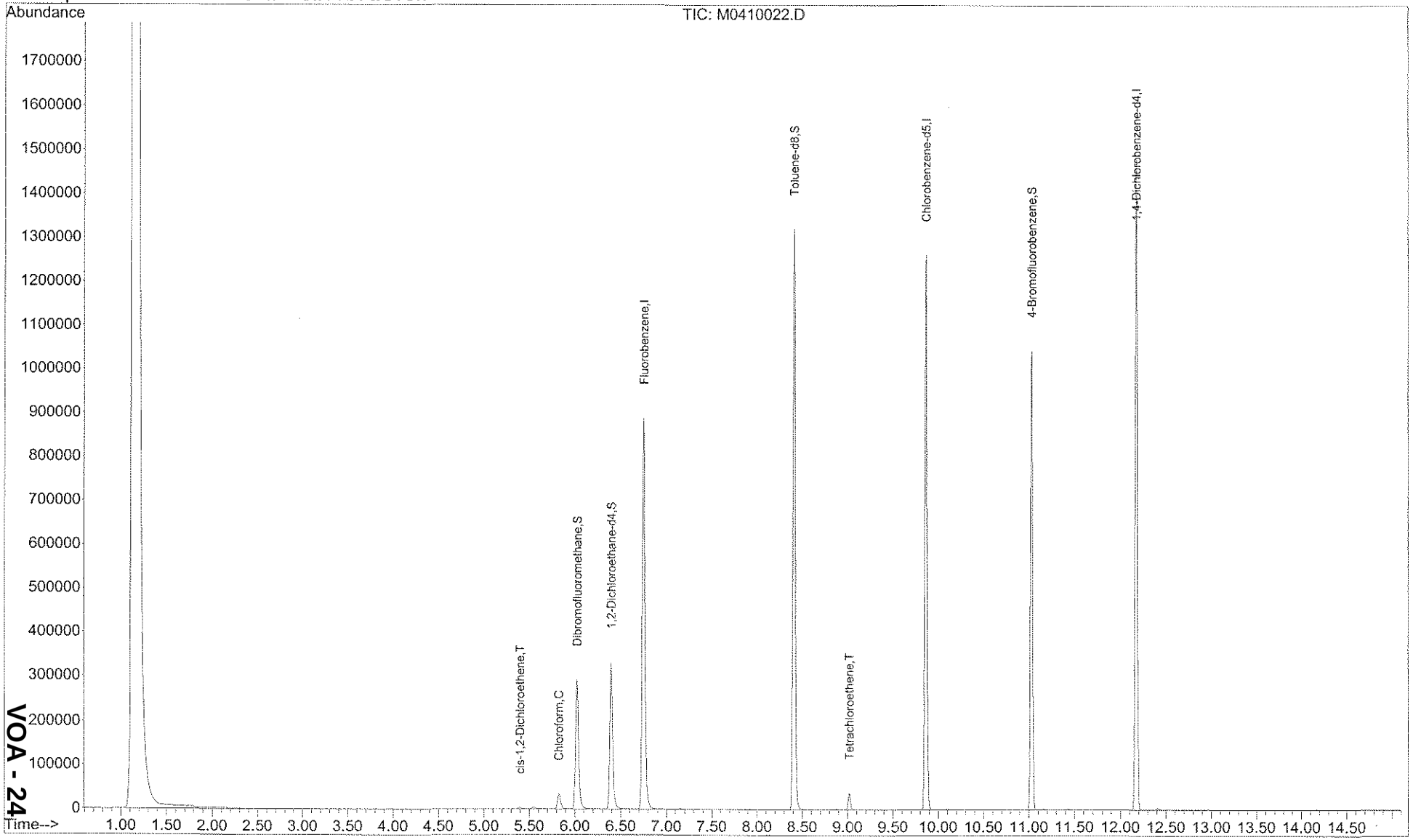
	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410022.D Vial: 53
Acq On : 10 Apr 2007 15:32 Operator: LPM
Sample : JPL28-002 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:25 2007 Quant Results File: 524.RES

Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration



VOA - 24

Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410022.D Vial: 53
Acq On : 10 Apr 2007 15:32 Operator: LPM
Sample : JPL28-002 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:25 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\040907\M0409012.D (9 Apr 2007 12:54)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.75	96	881752	50.00	ug/l	0.00 84.20%
50) Chlorobenzene-d5	9.86	82	370119	50.00	ug/l	0.00 81.70%
70) 1,4-Dichlorobenzene-d4	12.18	152	369068	50.00	ug/l	0.00 78.97%
System Monitoring Compounds						
33) Dibromofluoromethane	6.03	111	212064	50.55	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.10%			
37) 1,2-Dichloroethane-d4	6.40	65	252552	52.18	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.36%			
51) Toluene-d8	8.41	98	891495	51.82	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 103.64%			
72) 4-Bromofluorobenzene	11.03	95	310040	51.36	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 102.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.46	50	62	N.D.		
4) Vinyl Chloride	1.57	62	60	N.D.		
5) Bromomethane	1.88	96	58	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D. d		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.06	76	76	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D. d		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	3.93	73	65	N.D.		
22) 1,1-Dichloroethane	4.57	63	492	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	5.40	96	2282	0.59	ug/l	99
27) 2-Butanone	5.57	43	66	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	5.83	83	32193	4.57	ug/l	96
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	6.14	75	60	N.D.		
38) Benzene	6.41	78	152	N.D.		

(#) = qualifier out of range (m) = manual integration
M0410022.D 524.M Wed Apr 11 07:25:24 2007

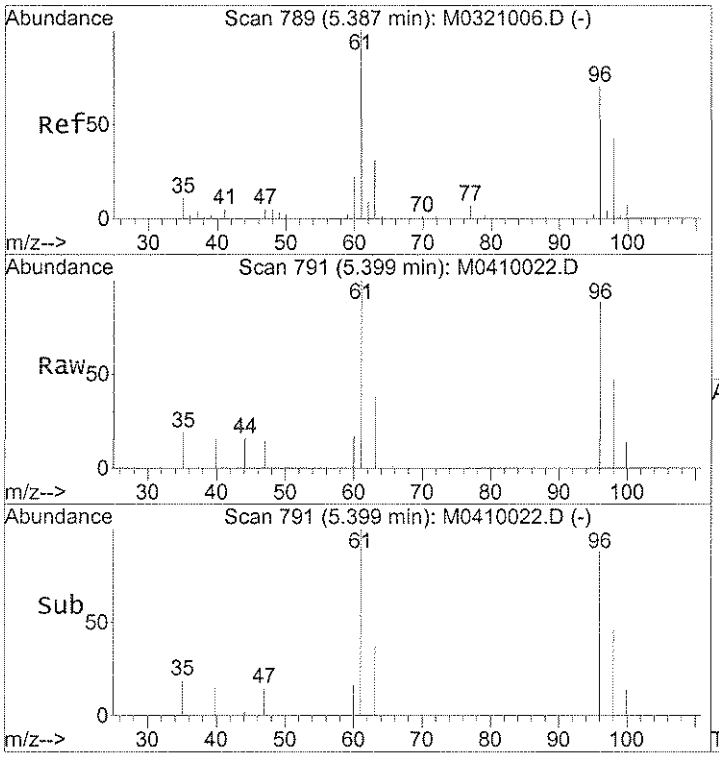
Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410022.D Vial: 53
Acq On : 10 Apr 2007 15:32 Operator: LPM
Sample : JPL28-002 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:25 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	6.58	43	110	Below Cal #	22
41)	Trichloroethene	7.15	130	941	N.D.	
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D. d	
46)	Bromodichloromethane	7.72	83	208	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	8.48	92	79	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	9.02	166	11051	2.63 ug/l	96
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.89	112	154	N.D.	
62)	1-Chlorohexane	9.86	91	1436	N.D.	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	10.10	91	1899	N.D.	
65)	m,p-Xylene	10.10	106	910	N.D.	
66)	o-xylene	10.50	106	137	N.D.	
67)	Styrene	0.00	104	0	N.D.	
68)	Bromoform	0.00	173	0	N.D. d	
69)	Isopropylbenzene	11.03	105	349	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	11.03	83	256	N.D.	
75)	1,2,3-Trichloropropane	11.03	110	135	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	11.26	91	60	N.D.	
78)	4-Chlorotoluene	11.26	91	60	N.D.	
79)	1,3,5-Trimethylbenzene	11.44	105	204	N.D.	
80)	tert-Butylbenzene	11.75	119	73	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D. d	
82)	sec-butylbenzene	0.00	105	0	N.D. d	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D. d	
84)	4-Isopropyltoluene	0.00	119	0	N.D. d	
85)	1,4-Dichlorobenzene	12.20	146	368	N.D.	
86)	1,2-Dichlorobenzene	12.57	146	504	N.D.	
87)	n-Butylbenzene	12.52	91	250	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	14.17	180	177	N.D.	
90)	Hexachlorobutadiene	14.31	225	55	N.D.	
91)	Naphthalene	0.00	128	0	N.D. d	
92)	1,2,3-Trichlorobenzene	14.66	180	418	N.D.	

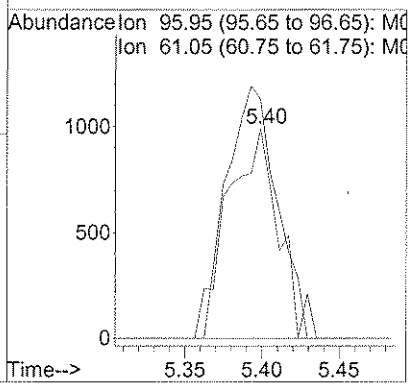
(#) = qualifier out of range (m) = manual integration
M0410022.D 524.M Wed Apr 11 07:25:24 2007

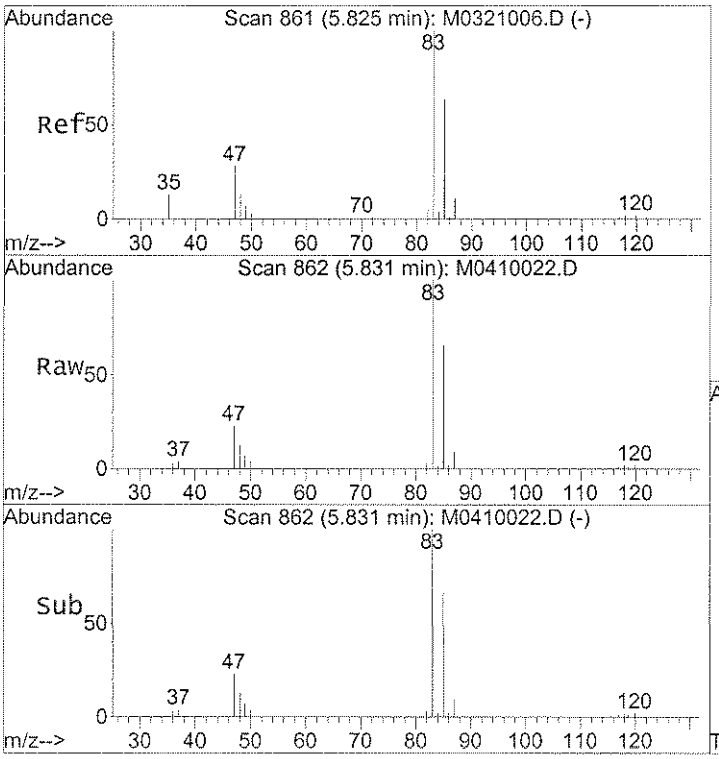


#26
cis-1,2-Dichloroethene
Concen: 0.59 ug/l
RT: 5.40 min Scan# 791
Delta R.T. 0.01 min
Lab File: M0410022.D
Acq: 10 Apr 2007 15:32

Tgt Ion: 96 Resp: 2282

Ion	Ratio	Lower	Upper
96	100		
61	117.9	93.4	140.2

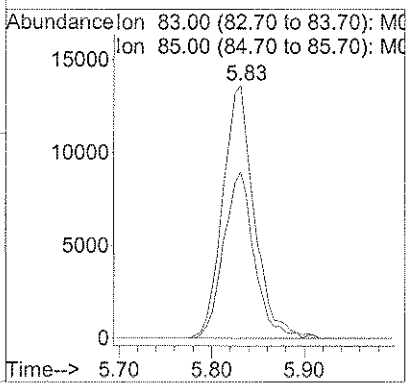


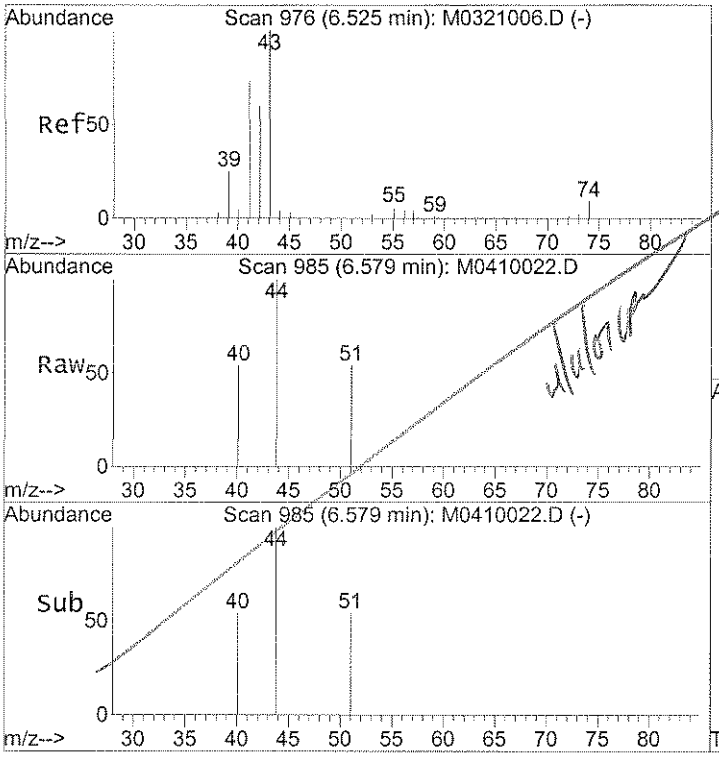


#31
Chloroform
Concen: 4.57 ug/l
RT: 5.83 min Scan# 862
Delta R.T. 0.00 min
Lab File: M0410022.D
Acq: 10 Apr 2007 15:32

Tgt Ion: 83 Resp: 32193

Ion	Ratio	Lower	Upper
83	100		
85	64.1	41.2	81.2

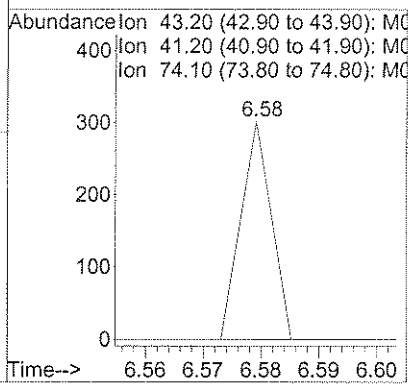


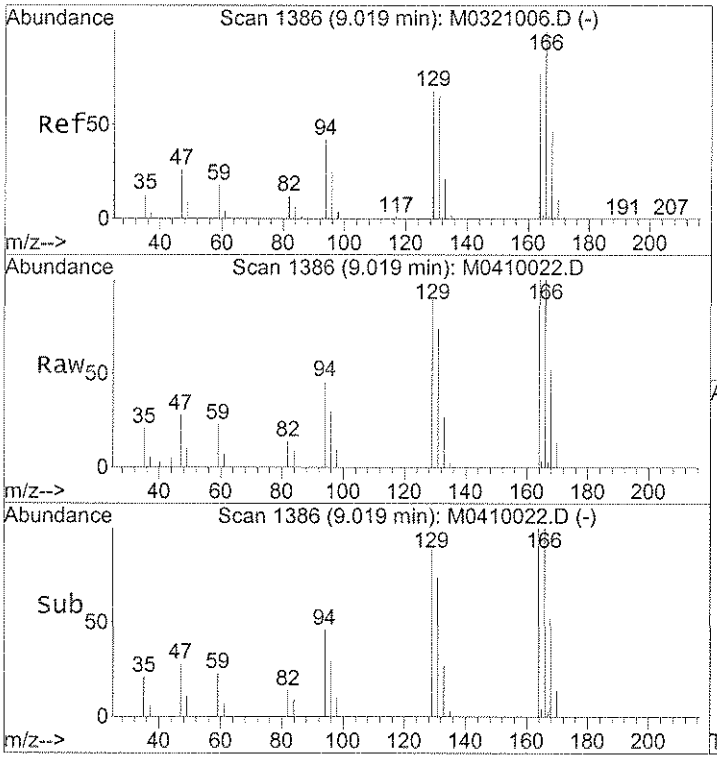


#40
Isobutanol
Concen: Below Cal
RT: 6.58 min Scan# 985
Delta R.T. 0.07 min
Lab File: M0410022.D
Acq: 10 Apr 2007 15:32

Tgt Ion: 43 Resp: 110

Ion	Ratio	Lower	Upper
43	100		
41	0.0	55.8	83.8#
74	0.0	8.0	12.0#

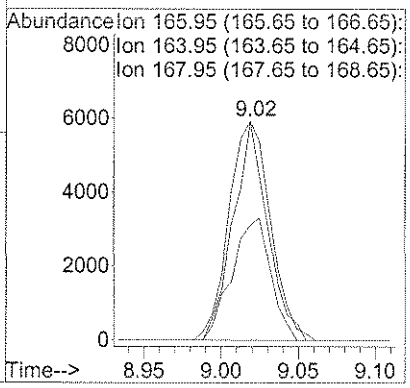




#56
Tetrachloroethene
Concen: 2.63 ug/l
RT: 9.02 min Scan# 1386
Delta R.T. -0.00 min
Lab File: M0410022.D
Acq: 10 Apr 2007 15:32

Tgt Ion:166 Resp: 11051

Ion	Ratio	Lower	Upper
166	100		
164	82.8	63.3	94.9
168	52.0	39.6	59.4



Library Search Compound Report

Data File : X:\MSVOA\MOBY\041007\M0410022.D Vial: 53
Acq On : 10 Apr 2007 15:32 Operator: LPM
Sample : JPL28-002 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****

M0410022.D 524.M Wed Apr 11 08:32:08 2007

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410023.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 15:55

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.88	
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	2.4	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.2	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410023.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 15:55

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	5.5	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410023.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 15:55

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-21-3

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL28

Run Sequence: R016728

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL28-003

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0410023.D

Level: (LOW/MED)

Date Collected: 03/28/2007

% Moisture: not dec.

Date Analyzed: 04/10/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

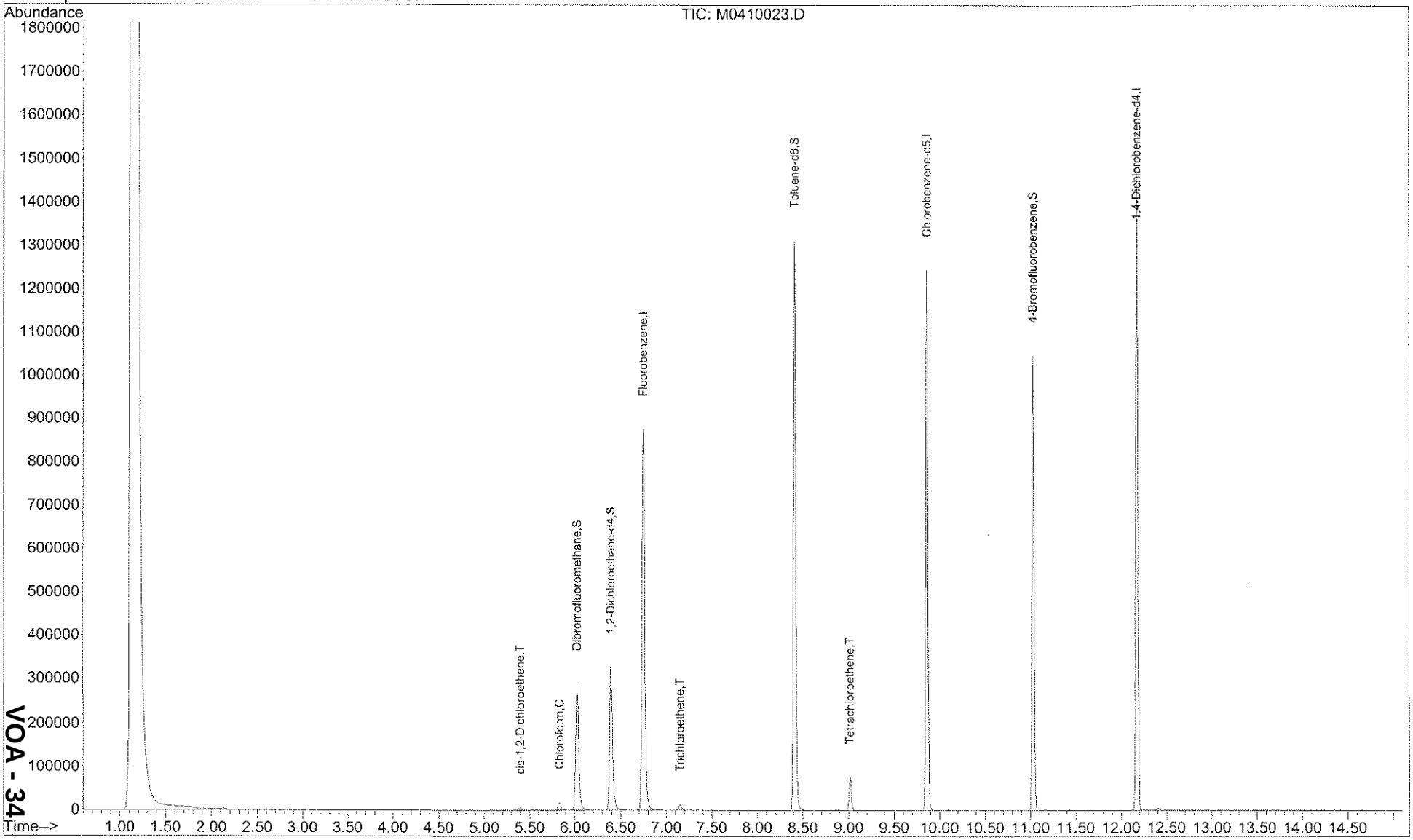
	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410023.D Vial: 53
Acq On : 10 Apr 2007 15:55 Operator: LPM
Sample : JPL28-003 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:26 2007 Quant Results File: 524.RES

Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration



VOA - 34

Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410023.D Vial: 53
Acq On : 10 Apr 2007 15:55 Operator: LPM
Sample : JPL28-003 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:26 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\040907\M0409012.D (9 Apr 2007 12:54)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.75	96	877670	50.00	ug/l	0.00 83.81%
50) Chlorobenzene-d5	9.86	82	368923	50.00	ug/l	0.00 81.44%
70) 1,4-Dichlorobenzene-d4	12.17	152	368972	50.00	ug/l	0.00 78.95%
System Monitoring Compounds						
33) Dibromofluoromethane	6.02	111	206226	49.38	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 98.76%			
37) 1,2-Dichloroethane-d4	6.39	65	248781	51.64	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.28%			
51) Toluene-d8	8.41	98	890487	51.93	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 103.86%			
72) 4-Bromofluorobenzene	11.03	95	306829	50.84	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 101.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.46	50	57	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.	d	
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	3.04	43	115	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.05	76	62	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	3.90	96	247	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	3.97	73	64	N.D.		
22) 1,1-Dichloroethane	4.58	63	1409	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	5.40	96	3389	0.88	ug/l	91
27) 2-Butanone	0.00	43	0	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	5.83	83	16592	2.37	ug/l	95
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	6.03	75	57	N.D.		
38) Benzene	6.41	78	74	N.D.		

(#) = qualifier out of range (m) = manual integration
M0410023.D 524.M Wed Apr 11 07:26:28 2007

4/11/07

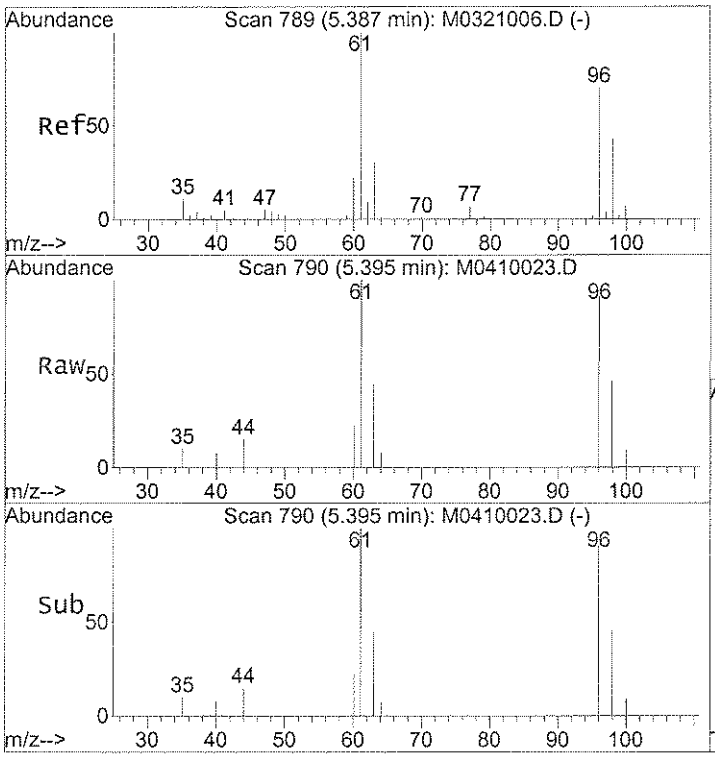
Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410023.D Vial: 53
Acq On : 10 Apr 2007 15:55 Operator: LPM
Sample : JPL28-003 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:26 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D.	
41)	Trichloroethene	7.15	130	4845	1.16 ug/l	95
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	7.73	83	132	N.D.	
47)	2-Chloroethyl vinyl ether	8.11	63	57	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	8.47	92	295	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	9.02	166	23012	5.50 ug/l	98
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	9.05	43	70	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.89	112	242	N.D.	
62)	1-Chlorohexane	0.00	91	0	N.D. d	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	9.98	91	822	N.D.	
65)	m,p-Xylene	10.09	106	885	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	0.00	104	0	N.D.	
68)	Bromoform	0.00	173	0	N.D. d	
69)	Isopropylbenzene	10.86	105	78	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	11.03	83	293	N.D.	
75)	1,2,3-Trichloropropane	11.02	110	71	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	11.27	91	275	N.D.	
78)	4-Chlorotoluene	11.27	91	275	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D. d	
82)	sec-butylbenzene	0.00	105	0	N.D. d	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D. d	
84)	4-Isopropyltoluene	0.00	119	0	N.D. d	
85)	1,4-Dichlorobenzene	12.20	146	181	N.D.	
86)	1,2-Dichlorobenzene	12.57	146	393	N.D.	
87)	n-Butylbenzene	12.53	91	346	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	14.17	180	225	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D. d	
92)	1,2,3-Trichlorobenzene	14.66	180	472	N.D.	

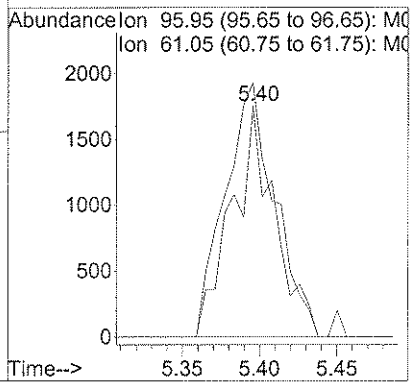
(#) = qualifier out of range (m) = manual integration
M0410023.D 524.M Wed Apr 11 07:26:28 2007

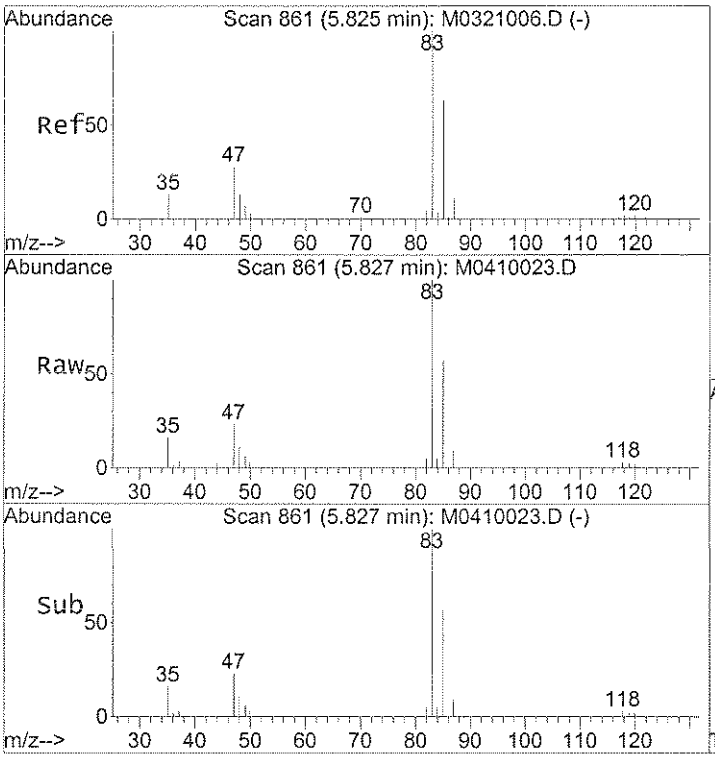


#26
cis-1,2-Dichloroethene
Concen: 0.88 ug/l
RT: 5.40 min Scan# 790
Delta R.T. 0.01 min
Lab File: M0410023.D
Acq: 10 Apr 2007 15:55

Tgt Ion: 96 Resp: 3389

Ion	Ratio	Lower	Upper
96	100		
61	127.1	93.4	140.2

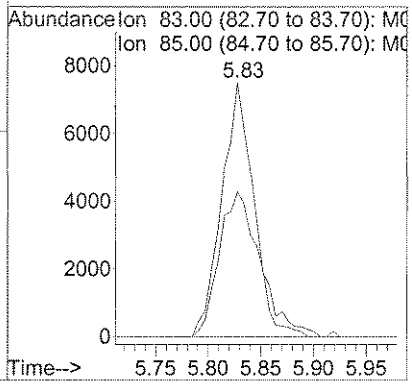


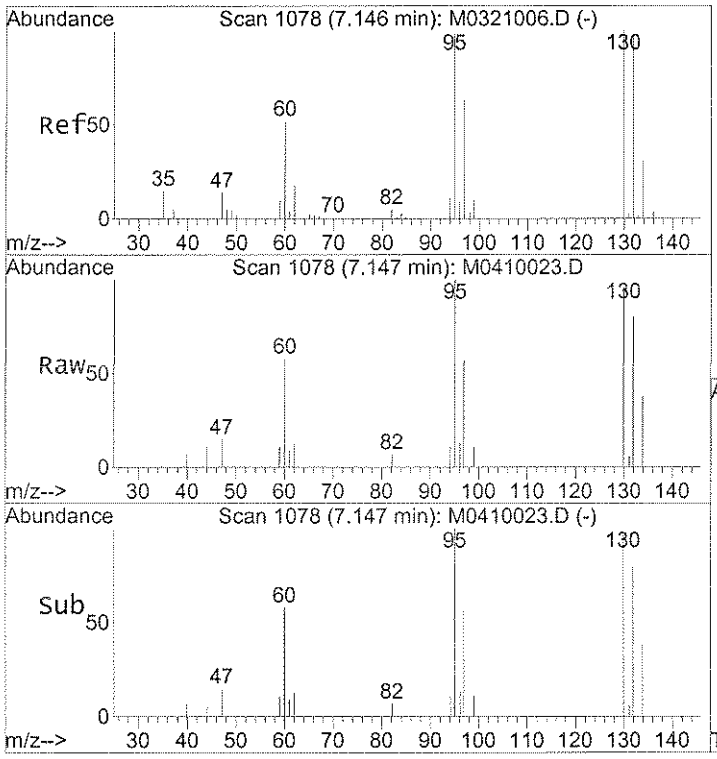


#31
Chloroform
Concen: 2.37 ug/l
RT: 5.83 min Scan# 861
Delta R.T. 0.00 min
Lab File: M0410023.D
Acq: 10 Apr 2007 15:55

Tgt Ion: 83 Resp: 16592

Ion	Ratio	Lower	Upper
83	100		
85	65.1	41.2	81.2

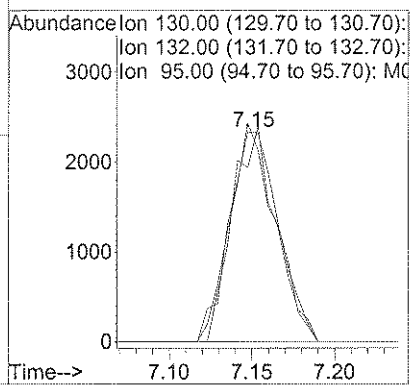


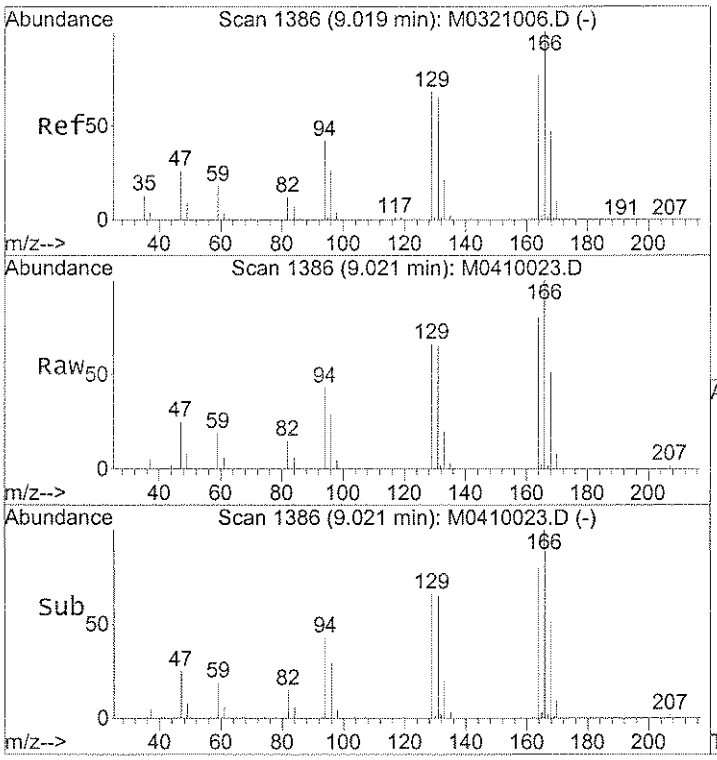


#41
Trichloroethene
Concen: 1.16 ug/l
RT: 7.15 min Scan# 1078
Delta R.T. 0.00 min
Lab File: M0410023.D
Acq: 10 Apr 2007 15:55

Tgt Ion:130 Resp: 4845

Ion	Ratio	Lower	Upper
130	100		
132	91.5	75.0	115.0
95	94.9	69.4	109.4

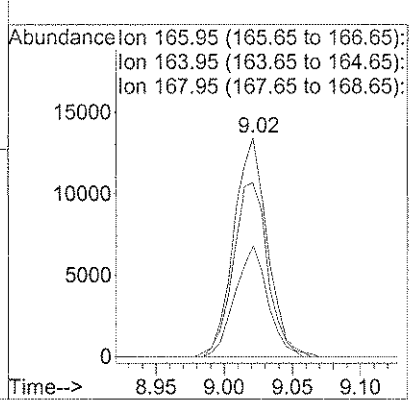




#56
Tetrachloroethene
Concen: 5.50 ug/l
RT: 9.02 min Scan# 1386
Delta R.T. 0.00 min
Lab File: M0410023.D
Acq: 10 Apr 2007 15:55

Tgt Ion:166 Resp: 23012

Ion	Ratio	Lower	Upper
166	100		
164	81.3	63.3	94.9
168	49.1	39.6	59.4



Library Search Compound Report

Data File : X:\MSVOA\MOBY\041007\M0410023.D Vial: 53
Acq On : 10 Apr 2007 15:55 Operator: LPM
Sample : JPL28-003 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****

M0410023.D 524.M Wed Apr 11 08:32:15 2007

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410024.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 16:17

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	1.6	
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	1.1	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.1	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410024.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 16:17

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	7.3	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410024.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 16:17

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-21-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL28

Run Sequence: R016728

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL28-004

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0410024.D

Level: (LOW/MED)

Date Collected: 03/28/2007

% Moisture: not dec.

Date Analyzed: 04/10/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

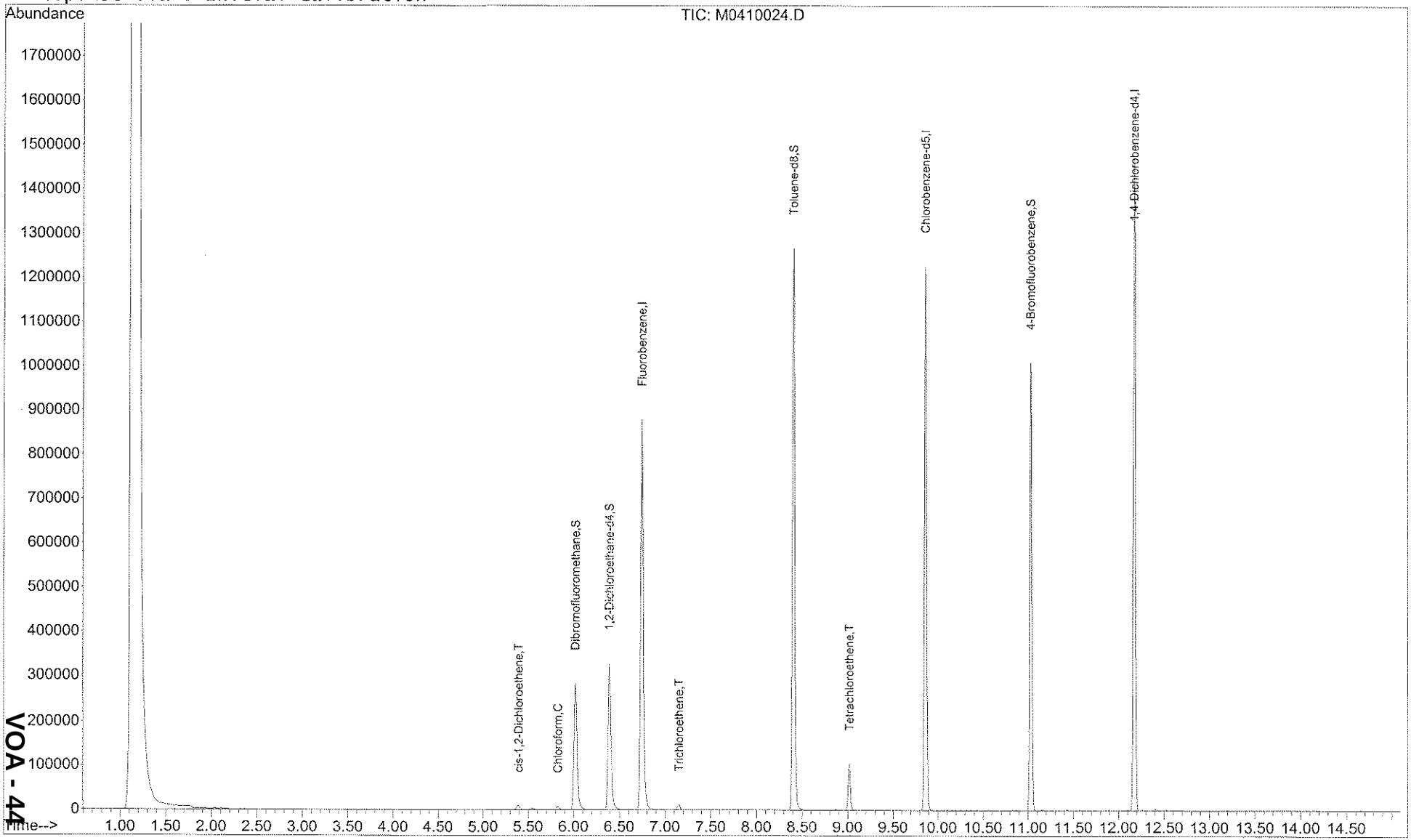
	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410024.D Vial: 54
Acq On : 10 Apr 2007 16:17 Operator: LPM
Sample : JPL28-004 Inst : MOBY
Misc : #3 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:28 2007 Quant Results File: 524.RES

Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration



VOA - 44

Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410024.D Vial: 54
Acq On : 10 Apr 2007 16:17 Operator: LPM
Sample : JPL28-004 Inst : MOBY
Misc : #3 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:28 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\040907\M0409012.D (9 Apr 2007 12:54)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	864755	50.00	ug/l	0.00 82.57%
50) Chlorobenzene-d5	9.86	82	365074	50.00	ug/l	0.00 80.59%
70) 1,4-Dichlorobenzene-d4	12.17	152	368668	50.00	ug/l	0.00 78.89%
System Monitoring Compounds						
33) Dibromofluoromethane	6.02	111	208187	50.60	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.20%			
37) 1,2-Dichloroethane-d4	6.39	65	249317	52.53	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.06%			
51) Toluene-d8	8.41	98	869976	51.27	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 102.54%			
72) 4-Bromofluorobenzene	11.03	95	307979	51.07	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 102.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.45	50	64	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	3.02	43	85	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.05	76	64	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	3.90	96	119	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	3.92	73	743	N.D.		
22) 1,1-Dichloroethane	4.56	63	1206	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	5.39	96	5857	1.55	ug/l	98
27) 2-Butanone	5.55	43	74	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	5.82	83	7359	1.07	ug/l	95
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	6.41	78	222	N.D.		

(#) = qualifier out of range (m) = manual integration
M0410024.D 524.M Wed Apr 11 07:28:31 2007

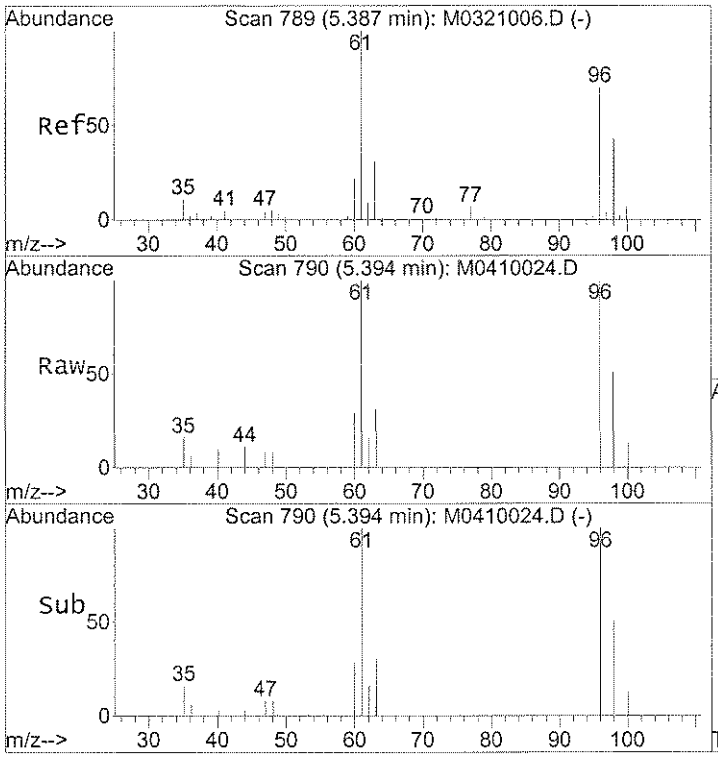
Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410024.D Vial: 54
Acq On : 10 Apr 2007 16:17 Operator: LPM
Sample : JPL28-004 Inst : MOBY
Misc : #3 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:28 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D.	
41)	Trichloroethene	7.15	130	4399	1.07 ug/l	92
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	0.00	83	0	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	8.48	92	120	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	9.01	97	57	N.D.	
56)	Tetrachloroethene	9.02	166	30010	7.25 ug/l	96
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.89	112	278	N.D.	
62)	1-Chlorohexane	0.00	91	0	N.D. d	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	10.10	91	900	N.D.	
65)	m,p-Xylene	10.10	106	506	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	0.00	104	0	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	11.03	105	223	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	11.03	83	137	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	11.36	91	134	N.D.	
78)	4-Chlorotoluene	11.47	91	55	N.D.	
79)	1,3,5-Trimethylbenzene	11.43	105	55	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D. d	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D. d	
84)	4-Isopropyltoluene	0.00	119	0	N.D. d	
85)	1,4-Dichlorobenzene	12.20	146	149	N.D.	
86)	1,2-Dichlorobenzene	12.57	146	260	N.D.	
87)	n-Butylbenzene	12.53	91	279	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	14.17	180	145	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D. d	
92)	1,2,3-Trichlorobenzene	14.65	180	126	N.D.	

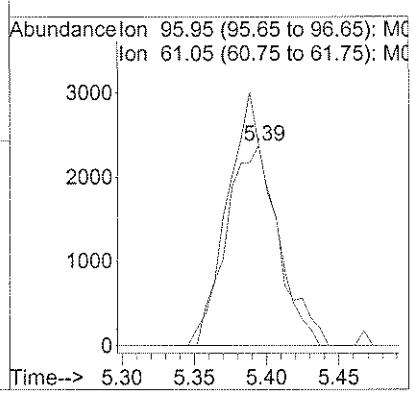
(#) = qualifier out of range (m) = manual integration
M0410024.D 524.M Wed Apr 11 07:28:31 2007

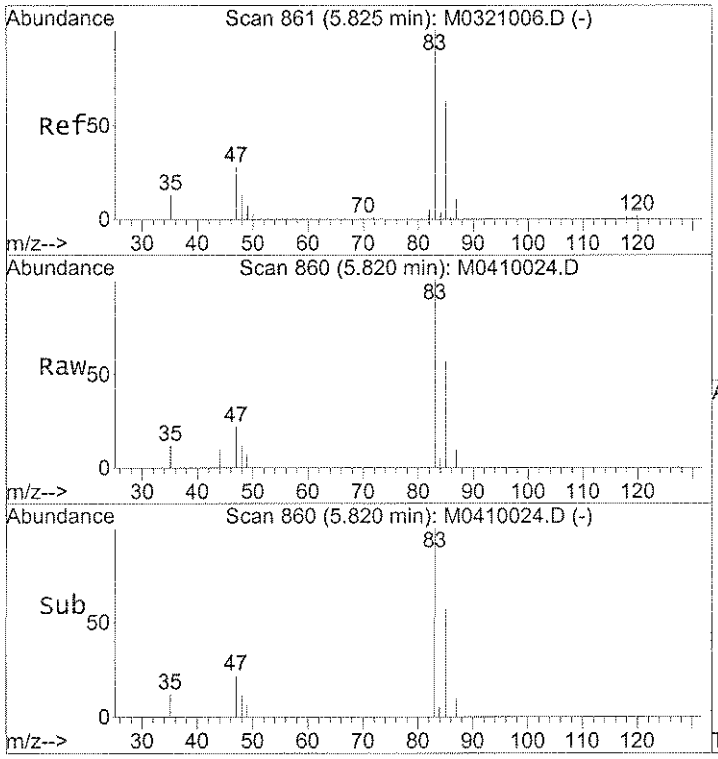


#26
cis-1,2-Dichloroethene
Concen: 1.55 ug/l
RT: 5.39 min Scan# 790
Delta R.T. 0.01 min
Lab File: M0410024.D
Acq: 10 Apr 2007 16:17

Tgt Ion: 96 Resp: 5857

Ion	Ratio	Lower	Upper
96	100		
61	114.8	93.4	140.2

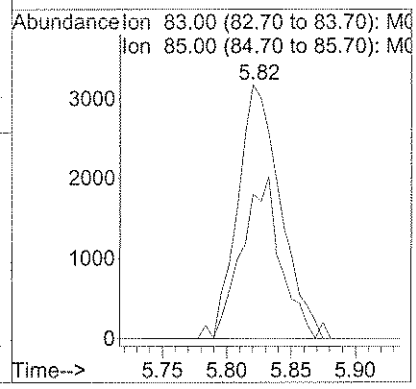


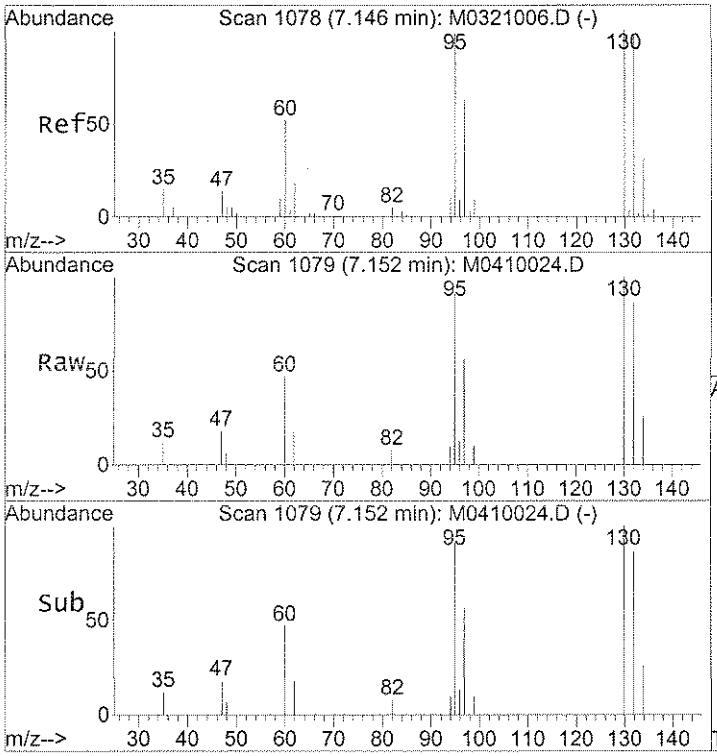


#31
Chloroform
Concen: 1.07 ug/l
RT: 5.82 min Scan# 860
Delta R.T. -0.01 min
Lab File: M0410024.D
Acq: 10 Apr 2007 16:17

Tgt Ion: 83 Resp: 7359

Ion	Ratio	Lower	Upper
83	100		
85	57.1	41.2	81.2

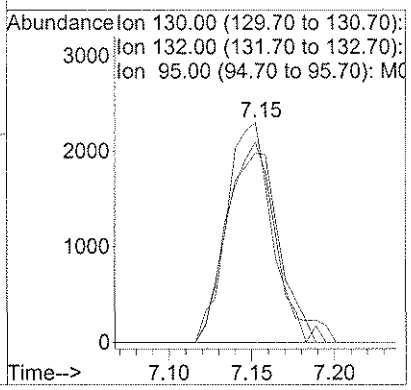


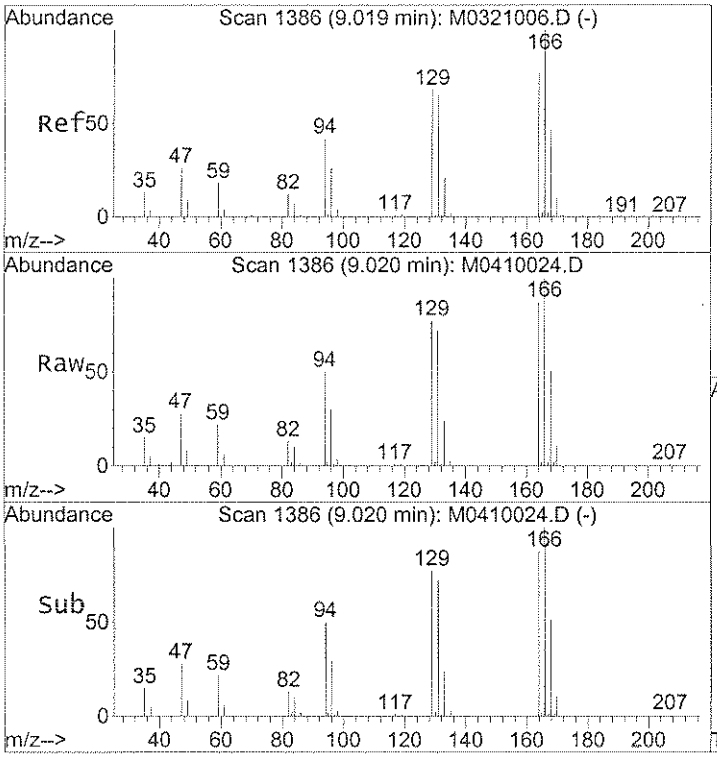


#41
Trichloroethene
Concen: 1.07 ug/l
RT: 7.15 min Scan# 1079
Delta R.T. 0.01 min
Lab File: M0410024.D
Acq: 10 Apr 2007 16:17

Tgt Ion:130 Resp: 4399

Ion	Ratio	Lower	Upper
130	100		
132	103.1	75.0	115.0
95	96.0	69.4	109.4

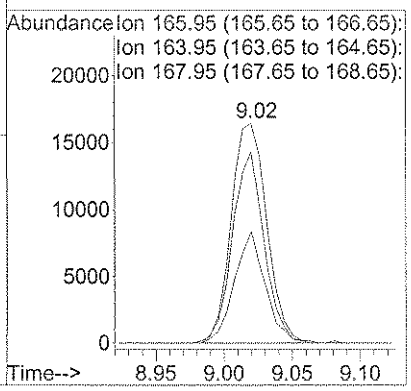




#56
Tetrachloroethene
Concen: 7.25 ug/l
RT: 9.02 min Scan# 1386
Delta R.T. 0.00 min
Lab File: M0410024.D
Acq: 10 Apr 2007 16:17

Tgt Ion:166 Resp: 30010

Ion	Ratio	Lower	Upper
166	100		
164	77.6	63.3	94.9
168	44.2	39.6	59.4



Library Search Compound Report

Data File : X:\MSVOA\MOBY\041007\M0410024.D Vial: 54
Acq On : 10 Apr 2007 16:17 Operator: LPM
Sample : JPL28-004 Inst : MOBY
Misc : #3 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****

M0410024.D 524.M Wed Apr 11 08:32:23 2007

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410025.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 16:39

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.47	J
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.43	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410025.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 16:39

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.33	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410025.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 16:39

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-21-1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL28

Run Sequence: R016728

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL28-005

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0410025.D

Level: (LOW/MED)

Date Collected: 03/28/2007

% Moisture: not dec.

Date Analyzed: 04/10/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

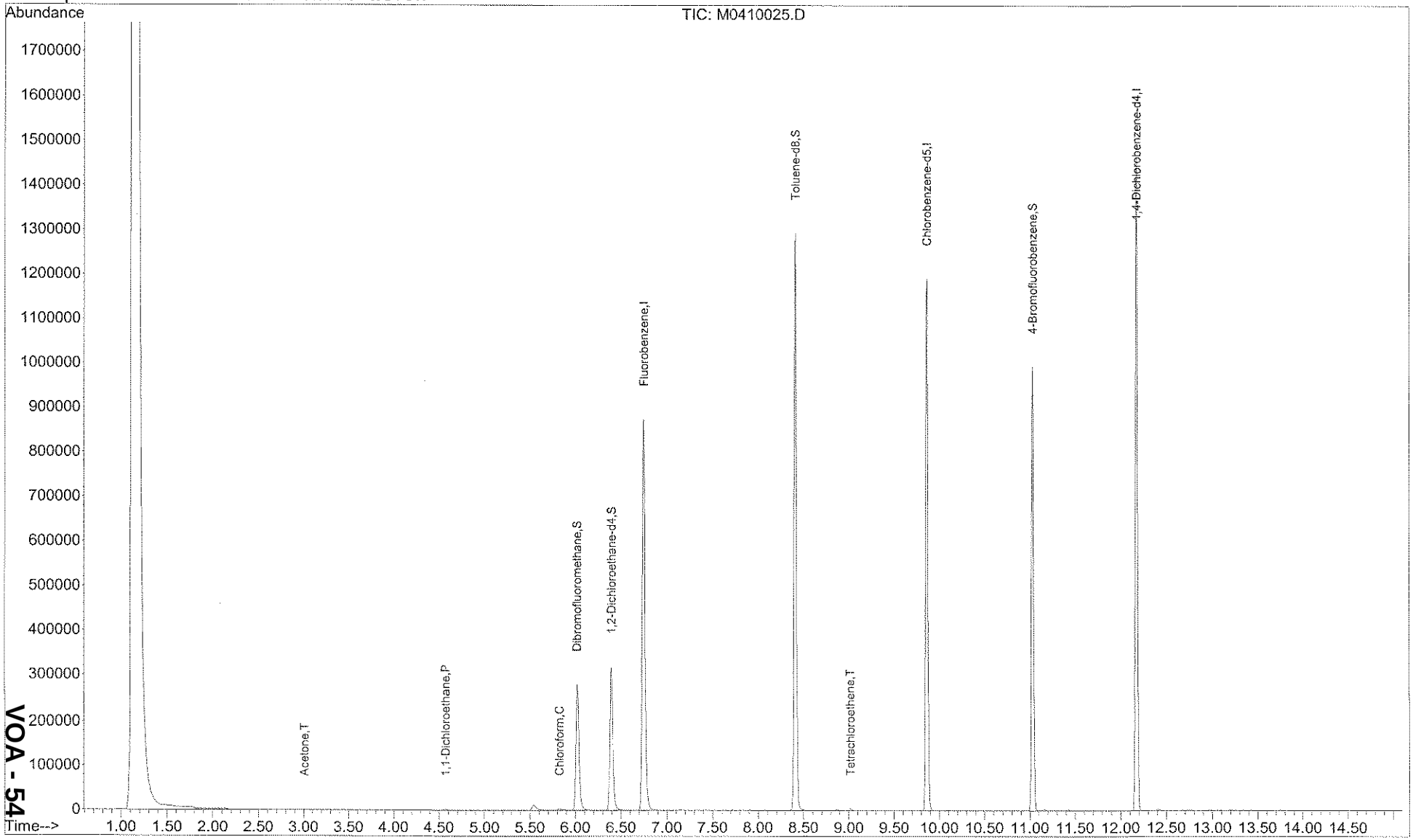
	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410025.D Vial: 55
Acq On : 10 Apr 2007 16:39 Operator: LPM
Sample : JPL28-005 Inst : MOBY
Misc : #1 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:30 2007 Quant Results File: 524.RES

Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration



VOA - 54

Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410025.D Vial: 55
Acq On : 10 Apr 2007 16:39 Operator: LPM
Sample : JPL28-005 Inst : MOBY
Misc : #1 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:30 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\040907\M0409012.D (9 Apr 2007 12:54)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.75	96	858089	50.00	ug/l	0.00 81.94%
50) Chlorobenzene-d5	9.86	82	358237	50.00	ug/l	0.00 79.08%
70) 1,4-Dichlorobenzene-d4	12.18	152	364547	50.00	ug/l	0.00 78.01%
System Monitoring Compounds						
33) Dibromofluoromethane	6.02	111	204737	50.15	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.30%			
37) 1,2-Dichloroethane-d4	6.40	65	246329	52.30	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.60%			
51) Toluene-d8	8.41	98	866986	52.06	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.12%			
72) 4-Bromofluorobenzene	11.03	95	302111	50.67	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 101.34%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.46	50	67	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	3.01	43	721	0.79	ug/l #	62
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.06	76	114	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	4.57	63	2926	0.47	ug/l	87
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27) 2-Butanone	0.00	43	0	N.D.	d	
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	5.87	41	324	N.D.		
31) Chloroform	5.82	83	2959	0.43	ug/l	93
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	6.18	75	72	N.D.		
38) Benzene	6.40	78	55	N.D.		

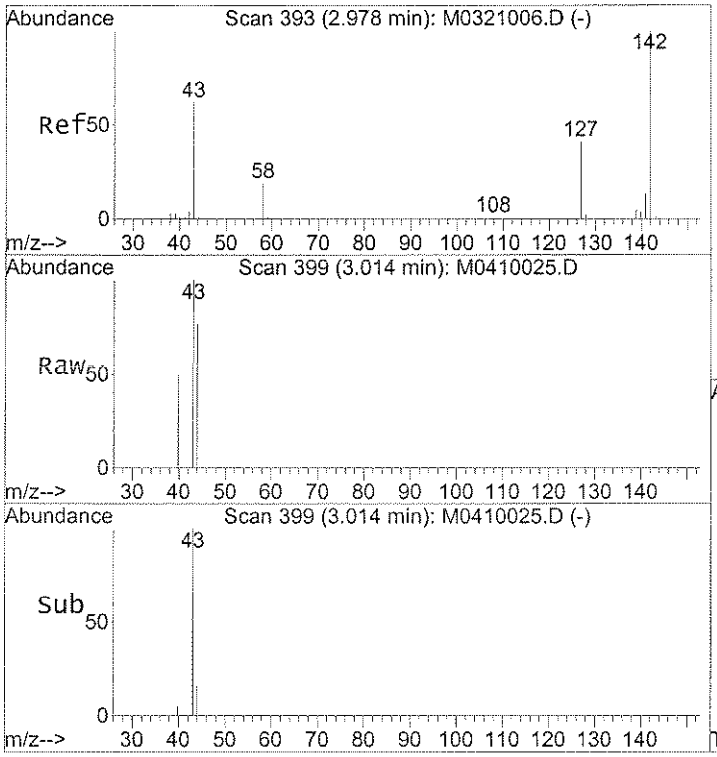
(#) = qualifier out of range (m) = manual integration
M0410025.D 524.M Wed Apr 11 07:30:11 2007

Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410025.D Vial: 55
Acq On : 10 Apr 2007 16:39 Operator: LPM
Sample : JPL28-005 Inst : MOBY
Misc : #1 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:30 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

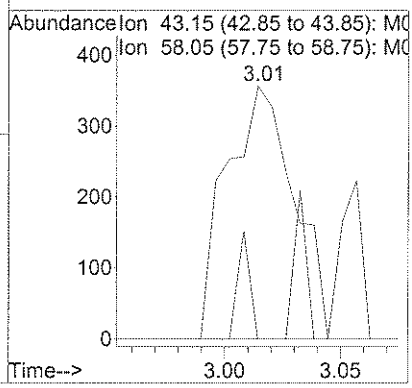
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D.	
41)	Trichloroethene	7.15	130	711	N.D.	
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	7.71	83	58	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	8.47	92	56	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	9.01	166	1358	0.33 ug/l	97
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.89	112	55	N.D.	
62)	1-Chlorohexane	9.86	91	1219	N.D.	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	9.98	91	234	N.D.	
65)	m,p-Xylene	10.10	106	541	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	0.00	104	0	N.D.	
68)	Bromoform	0.00	173	0	N.D. d	
69)	Isopropylbenzene	11.03	105	250	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	11.03	83	115	N.D.	
75)	1,2,3-Trichloropropane	11.03	110	77	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	11.26	91	174	N.D.	
78)	4-Chlorotoluene	11.26	91	174	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D. d	
82)	sec-butylbenzene	0.00	105	0	N.D. d	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
84)	4-Isopropyltoluene	0.00	119	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	12.54	91	57	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D. d	
92)	1,2,3-Trichlorobenzene	14.66	180	121	N.D.	

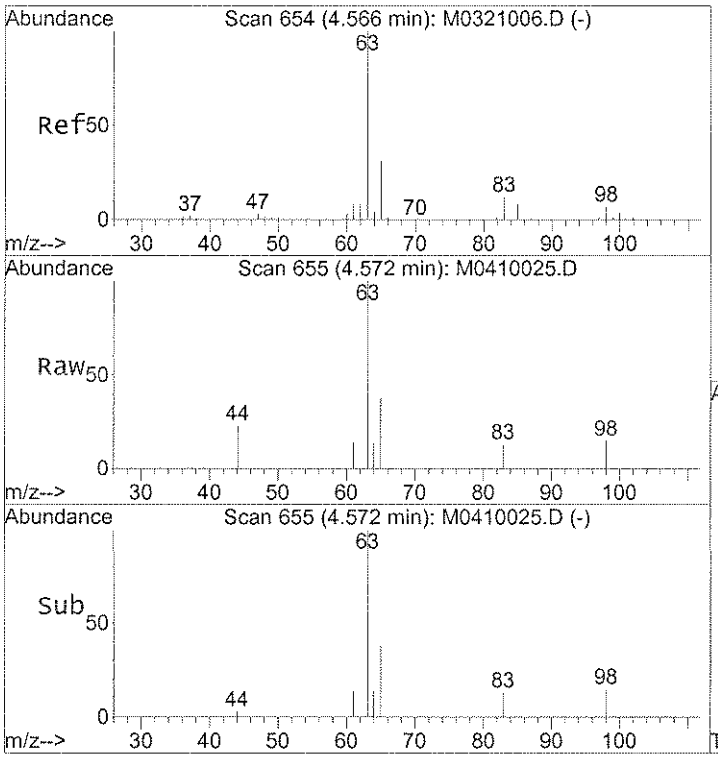


#11
Acetone
Concen: 0.79 ug/l
RT: 3.01 min Scan# 399
Delta R.T. 0.05 min
Lab File: M0410025.D
Acq: 10 Apr 2007 16:39

Tgt Ion: 43 Resp: 721

Ion	Ratio	Lower	Upper
43	100		
58	7.8	21.9	32.9#

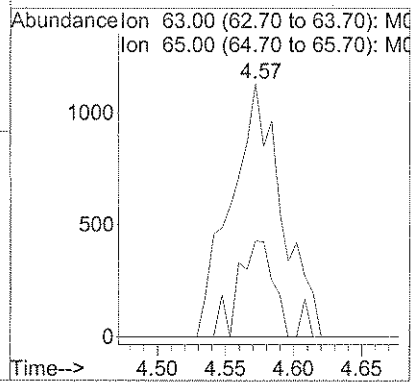


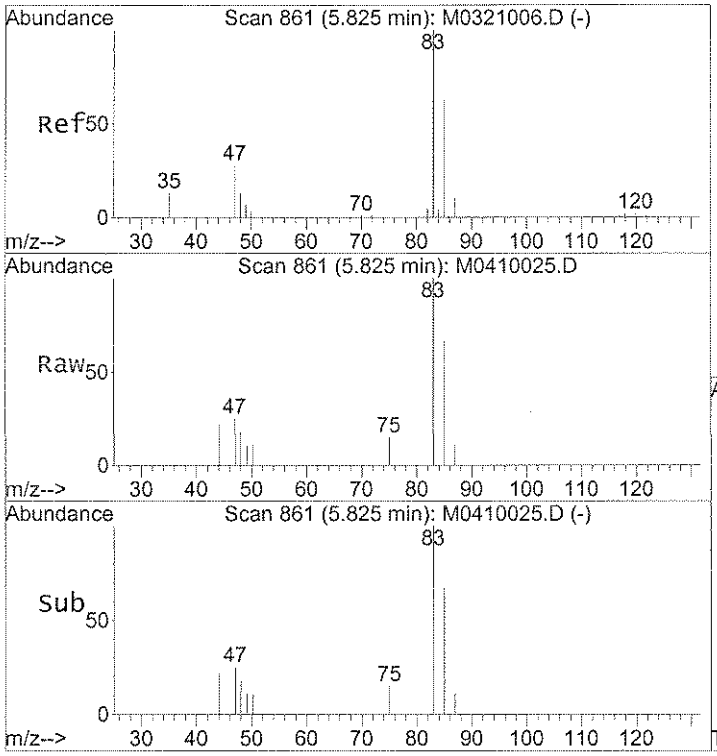


#22
1,1-Dichloroethane
Concen: 0.47 ug/l
RT: 4.57 min Scan# 655
Delta R.T. 0.01 min
Lab File: M0410025.D
Acq: 10 Apr 2007 16:39

Tgt Ion: 63 Resp: 2926

Ion	Ratio	Lower	Upper
63	100		
65	26.4	13.7	53.7

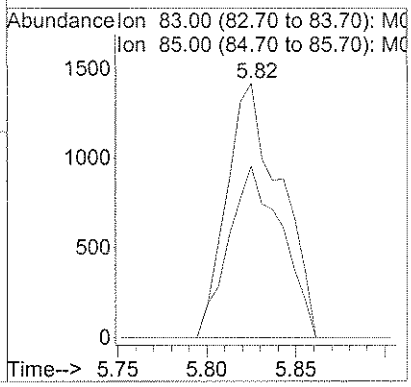


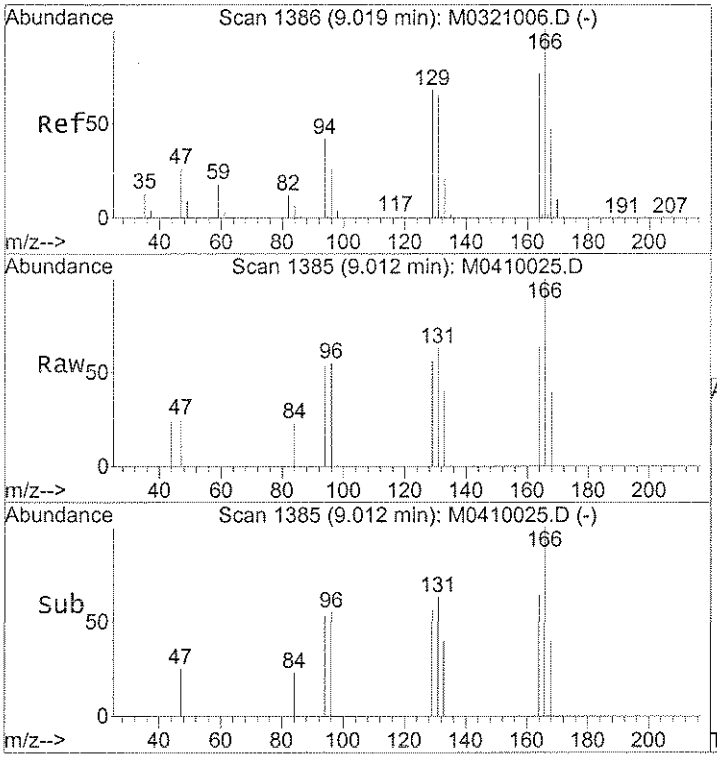


#31
Chloroform
Concen: 0.43 ug/l
RT: 5.82 min Scan# 861
Delta R.T. -0.00 min
Lab File: M0410025.D
Acq: 10 Apr 2007 16:39

Tgt Ion: 83 Resp: 2959

Ion	Ratio	Lower	Upper
83	100		
85	66.8	41.2	81.2

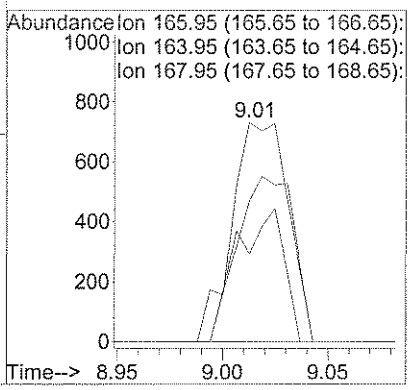




#56
Tetrachloroethene
Concen: 0.33 ug/l
RT: 9.01 min Scan# 1385
Delta R.T. -0.01 min
Lab File: M0410025.D
Acq: 10 Apr 2007 16:39

Tgt Ion:166 Resp: 1358

Ion	Ratio	Lower	Upper
166	100		
164	75.3	63.3	94.9
168	50.9	39.6	59.4



Library Search Compound Report

Data File : X:\MSVOA\MOBY\041007\M0410025.D Vial: 55
Acq On : 10 Apr 2007 16:39 Operator: LPM
Sample : JPL28-005 Inst : MOBY
Misc : #1 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****

M0410025.D 524.M Wed Apr 11 08:32:31 2007

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-1-3/27/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410026.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 17:01

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-1-3/27/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410026.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 17:01

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-1-3/27/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410026.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 17:01

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-1-3/27/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL28

Run Sequence: R016728

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL28-006

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0410026.D

Level: (LOW/MED)

Date Collected: 03/28/2007

% Moisture: not dec.

Date Analyzed: 04/10/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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27					
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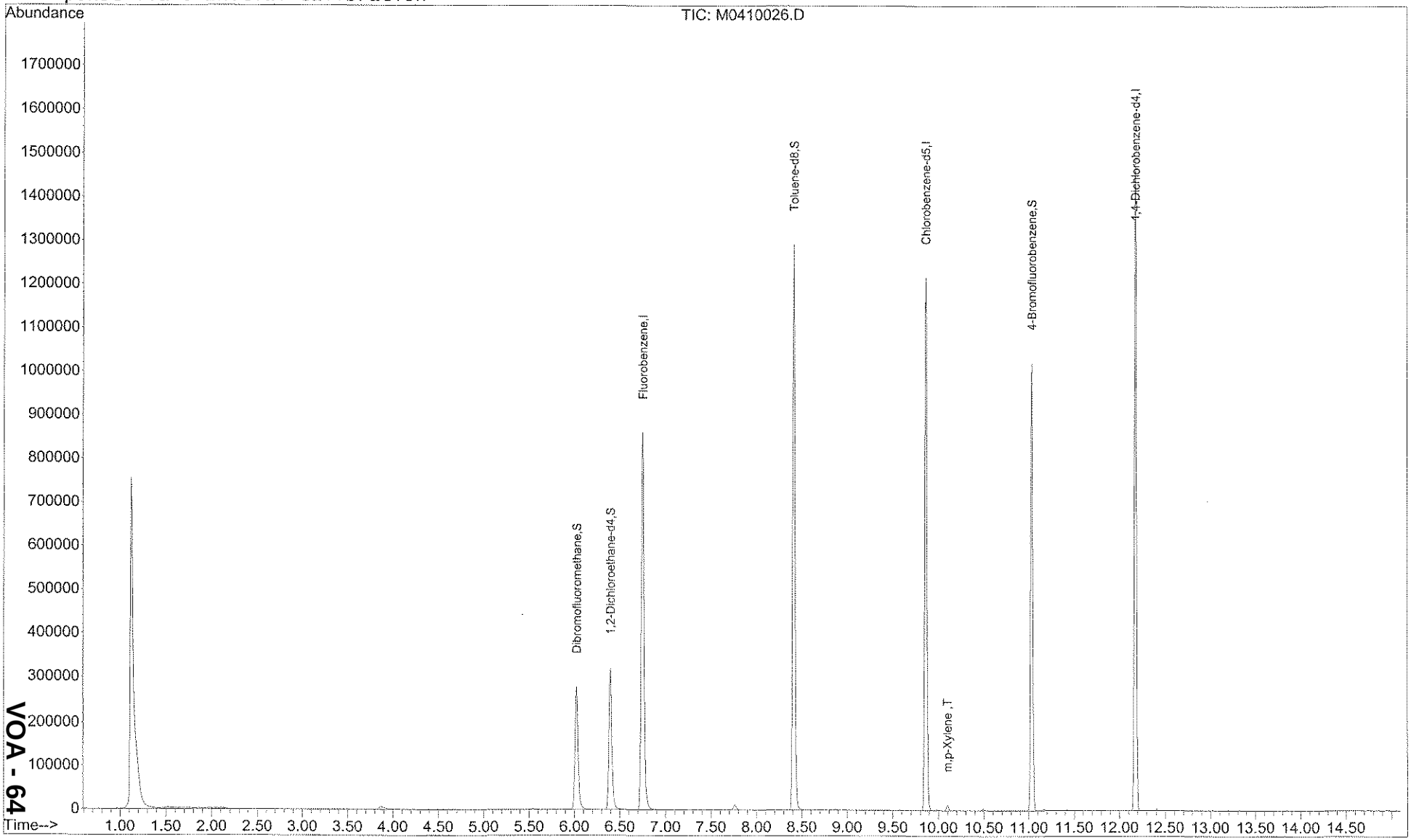
29					
30					

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410026.D Vial: 56
Acq On : 10 Apr 2007 17:01 Operator: LPM
Sample : JPL28-006 Inst : MOBY
Misc : #1 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:32 2007 Quant Results File: 524.RES

Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration



VOA - 64

Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410026.D Vial: 56
Acq On : 10 Apr 2007 17:01 Operator: LPM
Sample : JPL28-006 Inst : MOBY
Misc : #1 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:32 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\040907\M0409012.D (9 Apr 2007 12:54)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.75	96	851008	50.00	ug/l	0.00 81.26%
50) Chlorobenzene-d5	9.86	82	362755	50.00	ug/l	0.00 80.08%
70) 1,4-Dichlorobenzene-d4	12.18	152	360550	50.00	ug/l	0.00 77.15%
System Monitoring Compounds						
33) Dibromofluoromethane	6.03	111	204152	50.42	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.84%			
37) 1,2-Dichloroethane-d4	6.40	65	245483	52.55	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.10%			
51) Toluene-d8	8.41	98	860893	51.05	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 102.10%			
72) 4-Bromofluorobenzene	11.03	95	303646	51.49	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 102.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.06	76	60	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	3.87	53	56	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27) 2-Butanone	5.55	43	178	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	5.82	83	125	N.D.		
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.	d	
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	6.40	78	56	N.D.		

(#) = qualifier out of range (m) = manual integration
M0410026.D 524.M Wed Apr 11 07:32:39 2007

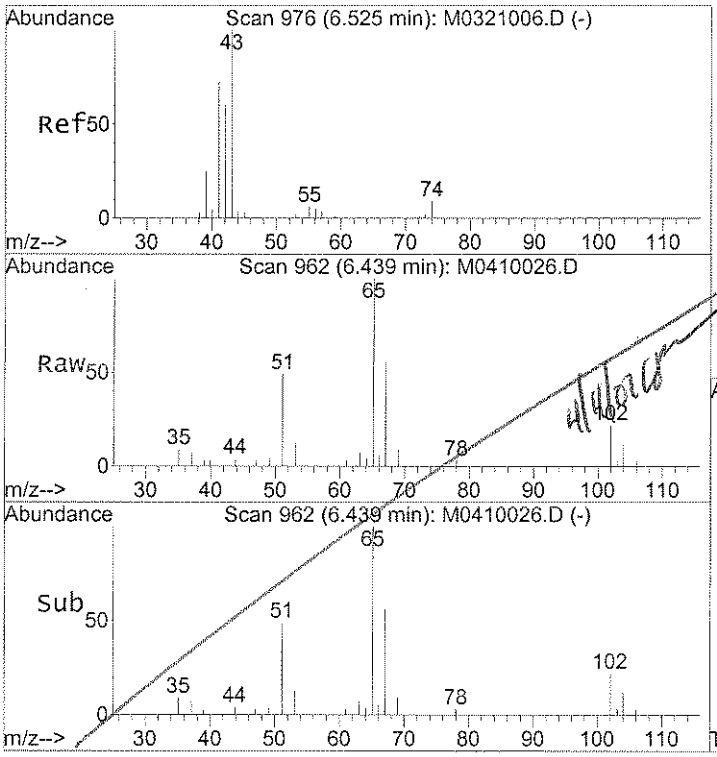
Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410026.D Vial: 56
Acq On : 10 Apr 2007 17:01 Operator: LPM
Sample : JPL28-006 Inst : MOBY
Misc : #1 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:32 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	6.44	43	82	Below Cal #	22
41)	Trichloroethene	7.24	130	64	N.D.	
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	0.00	83	0	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	8.48	92	179	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	8.98	43	412	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.90	112	57	N.D.	
62)	1-Chlorohexane	9.86	91	1435	N.D.	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	9.99	91	2328	N.D.	
65)	m,p-Xylene	10.10	106	3398	0.43 ug/l #	86
66)	o-xylene	10.50	106	1264	N.D.	
67)	Styrene	0.00	104	0	N.D.	
68)	Bromoform	0.00	173	0	N.D. d	
69)	Isopropylbenzene	10.86	105	122	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	11.04	83	140	N.D.	
75)	1,2,3-Trichloropropane	11.03	110	210	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	11.46	91	59	N.D.	
78)	4-Chlorotoluene	11.46	91	59	N.D.	
79)	1,3,5-Trimethylbenzene	11.20	105	67	N.D.	
80)	tert-Butylbenzene	11.74	119	70	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D. d	
82)	sec-butylbenzene	0.00	105	0	N.D. d	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
84)	4-Isopropyltoluene	0.00	119	0	N.D. d	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	1,2-Dichlorobenzene	12.57	146	68	N.D.	
87)	n-Butylbenzene	12.52	91	148	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	14.17	180	63	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D. d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

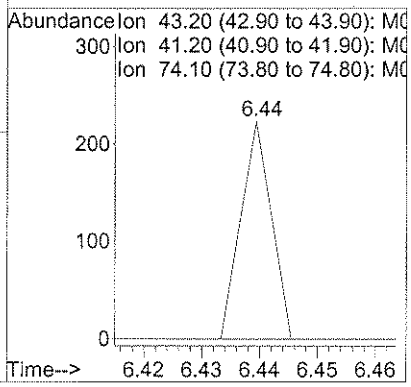
(#) = qualifier out of range (m) = manual integration
M0410026.D 524.M Wed Apr 11 07:32:40 2007

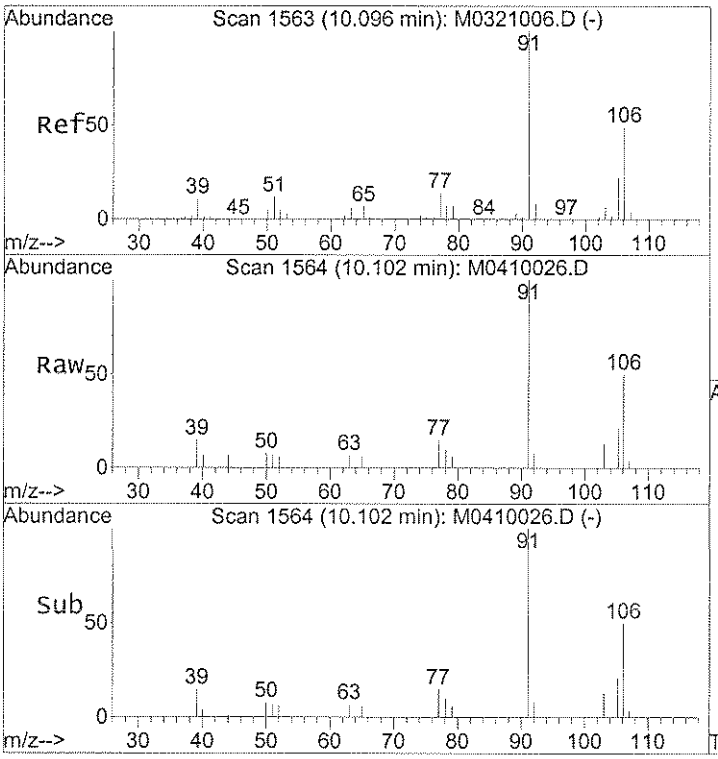


#40
Isobutanol
Concen: Below Cal
RT: 6.44 min Scan# 962
Delta R.T. -0.07 min
Lab File: M0410026.D
Acq: 10 Apr 2007 17:01

Tgt Ion: 43 Resp: 82

Ion	Ratio	Lower	Upper
43	100		
41	0.0	55.8	83.8#
74	0.0	8.0	12.0#

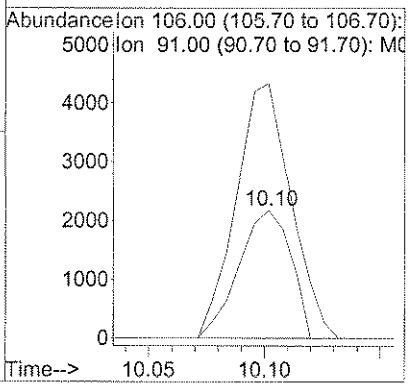




#65
m,p-Xylene
Concen: 0.43 ug/l
RT: 10.10 min Scan# 1564
Delta R.T. -0.00 min
Lab File: M0410026.D
Acq: 10 Apr 2007 17:01

Tgt Ion:106 Resp: 3398

Ion	Ratio	Lower	Upper
106	100		
91	210.6	169.6	209.6#



Library Search Compound Report

Data File : X:\MSVOA\MOBY\041007\M0410026.D Vial: 56
Acq On : 10 Apr 2007 17:01 Operator: LPM
Sample : JPL28-006 Inst : MOBY
Misc : #1 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0410026.D 524.M Wed Apr 11 08:32:38 2007

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-1-3/27/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410020.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 14:48

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-1-3/27/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410020.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 14:48

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-1-3/27/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL28 Run Sequence: R016728

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL28-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0410020.D

Level: (LOW/MED) Date Collected: 03/27/2007

% Moisture: not dec. Date/Time Analyzed: 04/10/2007 14:48

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-1-3/27/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL28

Run Sequence: R016728

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL28-007

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0410020.D

Level: (LOW/MED)

Date Collected: 03/28/2007

% Moisture: not dec.

Date Analyzed: 04/10/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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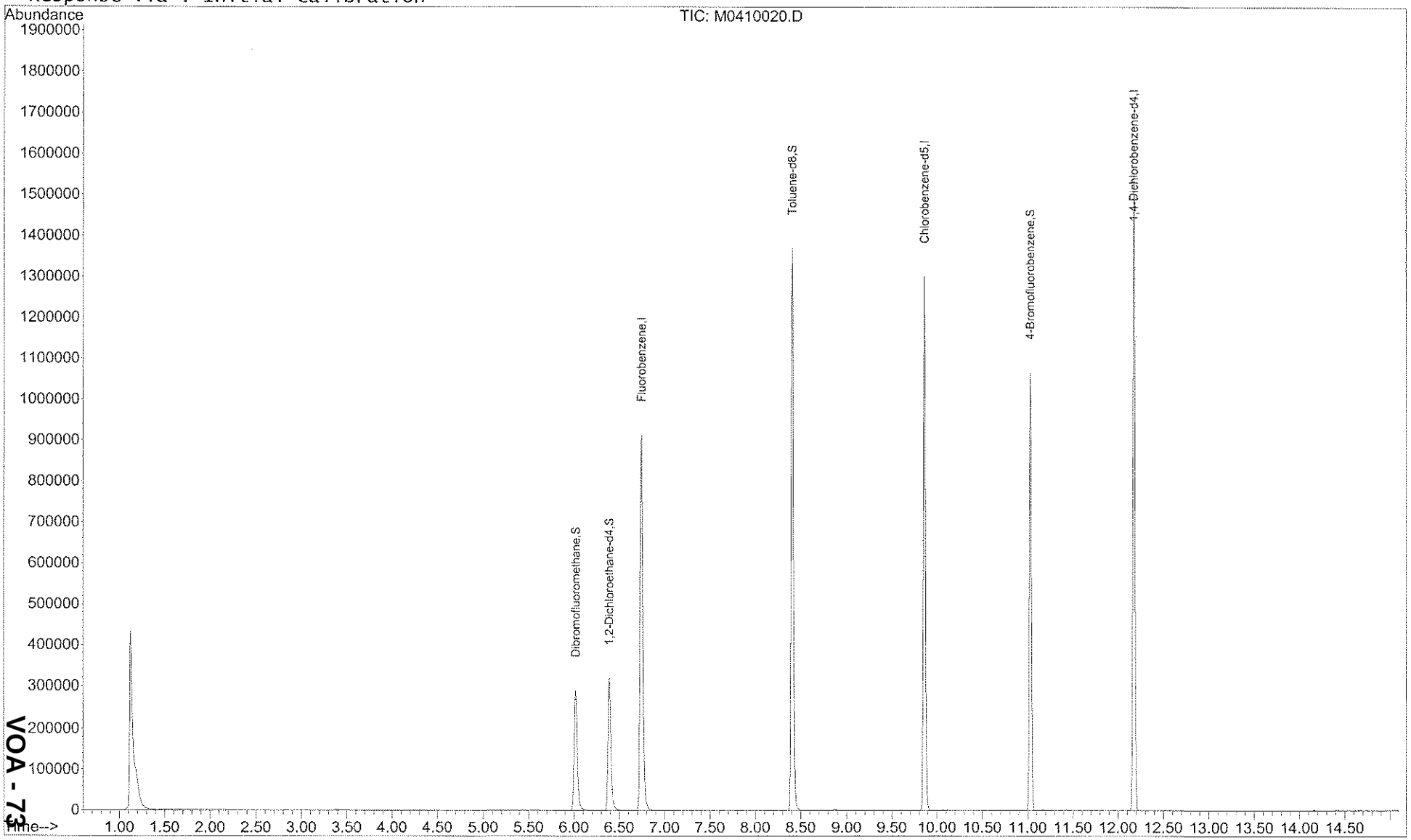
29					
30					

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410020.D Vial: 57
Acq On : 10 Apr 2007 14:48 Operator: LPM
Sample : JPL28-007 Inst : MOBY
Misc : #1 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:23 2007 Quant Results File: 524.RES

Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration



VOA - 73

Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410020.D Vial: 57
Acq On : 10 Apr 2007 14:48 Operator: LPM
Sample : JPL28-007 Inst : MOBY
Misc : #1 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:23 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\040907\M0409012.D (9 Apr 2007 12:54)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.75	96	905574	50.00	ug/l	0.00 86.47%
50) Chlorobenzene-d5	9.86	82	379343	50.00	ug/l	0.00 83.74%
70) 1,4-Dichlorobenzene-d4	12.17	152	382691	50.00	ug/l	0.00 81.89%
System Monitoring Compounds						
33) Dibromofluoromethane	6.02	111	215508	50.02	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.04%			
37) 1,2-Dichloroethane-d4	6.39	65	258150	51.94	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.88%			
51) Toluene-d8	8.41	98	909739	51.59	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 103.18%			
72) 4-Bromofluorobenzene	11.03	95	319778	51.09	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 102.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.05	76	587	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27) 2-Butanone	0.00	43	0	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	0.00	83	0	N.D.		
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	6.41	78	62	N.D.		

4/11/07

(#) = qualifier out of range (m) = manual integration
M0410020.D 524.M Wed Apr 11 07:23:24 2007

Quantitation Report

Data File : X:\MSVOA\MOBY\041007\M0410020.D Vial: 57
Acq On : 10 Apr 2007 14:48 Operator: LPM
Sample : JPL28-007 Inst : MOBY
Misc : #1 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 11 7:23 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D.	
41)	Trichloroethene	0.00	130	0	N.D.	
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	d
46)	Bromodichloromethane	0.00	83	0	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d
52)	Toluene	8.49	92	226	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	9.02	166	69	N.D.	
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.90	112	158	N.D.	
62)	1-Chlorohexane	9.86	91	1326	N.D.	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	9.98	91	136	N.D.	
65)	m,p-Xylene	10.10	106	284	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	0.00	104	0	N.D.	d
68)	Bromoform	0.00	173	0	N.D.	d
69)	Isopropylbenzene	10.85	105	242	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	11.03	156	58	N.D.	
74)	1,1,2,2-Tetrachloroethane	11.03	83	173	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	11.43	120	58	N.D.	
77)	2-Chlorotoluene	11.36	91	323	N.D.	
78)	4-Chlorotoluene	11.48	91	310	N.D.	
79)	1,3,5-Trimethylbenzene	11.44	105	129	N.D.	
80)	tert-Butylbenzene	11.75	119	239	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	d
82)	sec-butylbenzene	0.00	105	0	N.D.	d
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.	d
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d
85)	1,4-Dichlorobenzene	12.20	146	504	N.D.	
86)	1,2-Dichlorobenzene	12.57	146	382	N.D.	
87)	n-Butylbenzene	12.52	91	814	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	14.16	180	572	N.D.	
90)	Hexachlorobutadiene	14.31	225	188	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	d
92)	1,2,3-Trichlorobenzene	14.65	180	846	N.D.	

(#) = qualifier out of range (m) = manual integration
M0410020.D 524.M Wed Apr 11 07:23:24 2007

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041007\M0410020.D Vial: 57
Acq On : 10 Apr 2007 14:48 Operator: LPM
Sample : JPL28-007 Inst : MOBY
Misc : #1 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0410020.D 524.M Wed Apr 11 08:31:52 2007

Metals Data

JPL28

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL28

SOW No.:

Sample No.	Lab Sample ID
MW-21-5	JPL28-001
MW-21-4	JPL28-002
MW-21-3	JPL28-003
MW-21-2	JPL28-004
MW-21-1	JPL28-005
EB-1-3/27/07	JPL28-006
EB-1-3/27/07MS	JPL28-006MS
EB-1-3/27/07MSD	JPL28-006MSD

Were ICP interelement corrections applied?	Yes/No	YES
Were ICP background corrections applied?	Yes/No	NO
If yes-was raw data generated before application of background corrections?	Yes/No	NO

Comments:

I certify that this data package is technically complete, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Name: Cheronne Oeiro

Date: 04/16/2007 Title: Metals Lead

Metals Analysis Data Sheets

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-21-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL28

Matrix (soil/water): Water Lab Sample ID: JPL28-001

Level (low/med): LOW Date Received: 03/28/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.78			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-21-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL28

Matrix (soil/water): Water Lab Sample ID: JPL28-002

Level (low/med): LOW Date Received: 03/28/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.39			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-21-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL28

Matrix (soil/water): Water Lab Sample ID: JPL28-003

Level (low/med): LOW Date Received: 03/28/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.36			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-21-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL28

Matrix (soil/water): Water Lab Sample ID: JPL28-004

Level (low/med): LOW Date Received: 03/28/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.04			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-21-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL28

Matrix (soil/water): Water Lab Sample ID: JPL28-005

Level (low/med): LOW Date Received: 03/28/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-1-3/27/07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL28

Matrix (soil/water): Water Lab Sample ID: JPL28-006

Level (low/med): LOW Date Received: 03/28/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

Miscellaneous Inorganic Data

JPL28

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LAUCKS TESTING LABS, INC.

Lab Code: LAUCKS SDG No.: JPL28

Client Identification	Lab Sample Work Order Number
MW-21-5	JPL28-001DL
MW-21-4	JPL28-002DL
MW-21-3	JPL28-003DL
MW-21-2	JPL28-004DL
MW-21-1	JPL28-005DL
EB-1-3/27/07	JPL28-006
EB-1-3/27/07MS	JPL28-006MS

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Jennifer Penner

Date: 4-16-07 Title: Inorganics Lead

Inorganic Analysis Data Sheets

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL28		
Sample Number:	MW-21-5	**Date/Time Collected:**	03/27/2007 07:57
Lab Sample ID:	JPL28-001	**Date/Time Received:**	03/28/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	04/05/2007	04/06/2007	R016553

INO - 4

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle **Project:** JPL Groundwater Monitoring

SDG Number: JPL28

Sample Number: MW-21-4 **Date/Time Collected:** 03/27/2007 08:32

Lab Sample ID: JPL28-002 **Date/Time Received:** 03/28/2007 08:30

Method: E314.0 **Unit:** ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	04/05/2007	04/06/2007	R016553

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL28		
Sample Number:	MW-21-3	**Date/Time Collected:**	03/27/2007 09:06
Lab Sample ID:	JPL28-003	**Date/Time Received:**	03/28/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	04/05/2007	04/06/2007	R016553

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL28		
Sample Number:	MW-21-2	**Date/Time Collected:**	03/27/2007 09:35
Lab Sample ID:	JPL28-004	**Date/Time Received:**	03/28/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	04/05/2007	04/06/2007	R016553

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL28		
Sample Number:	MW-21-1	**Date/Time Collected:**	03/27/2007 10:09
Lab Sample ID:	JPL28-005	**Date/Time Received:**	03/28/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	04/05/2007	04/06/2007	R016553

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL28		
Sample Number:	EB-1-3/27/07	**Date/Time Collected:**	03/27/2007 09:59
Lab Sample ID:	JPL28-006	**Date/Time Received:**	03/28/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	1	1.0	U	1.0	0.14	04/05/2007	04/06/2007	R016553

SAMPLE DATA

SDG JPL29

VOLATILES ANALYSIS

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411016.D

Level: (LOW/MED) Date Collected: 03/28/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 13:25

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411016.D

Level: (LOW/MED) Date Collected: 03/28/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 13:25

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-5

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL29

Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL29-001

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0411016.D

Level: (LOW/MED)

Date Collected: 03/28/2007

% Moisture: not dec.

Date/Time Analyzed: 04/11/2007 13:25

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

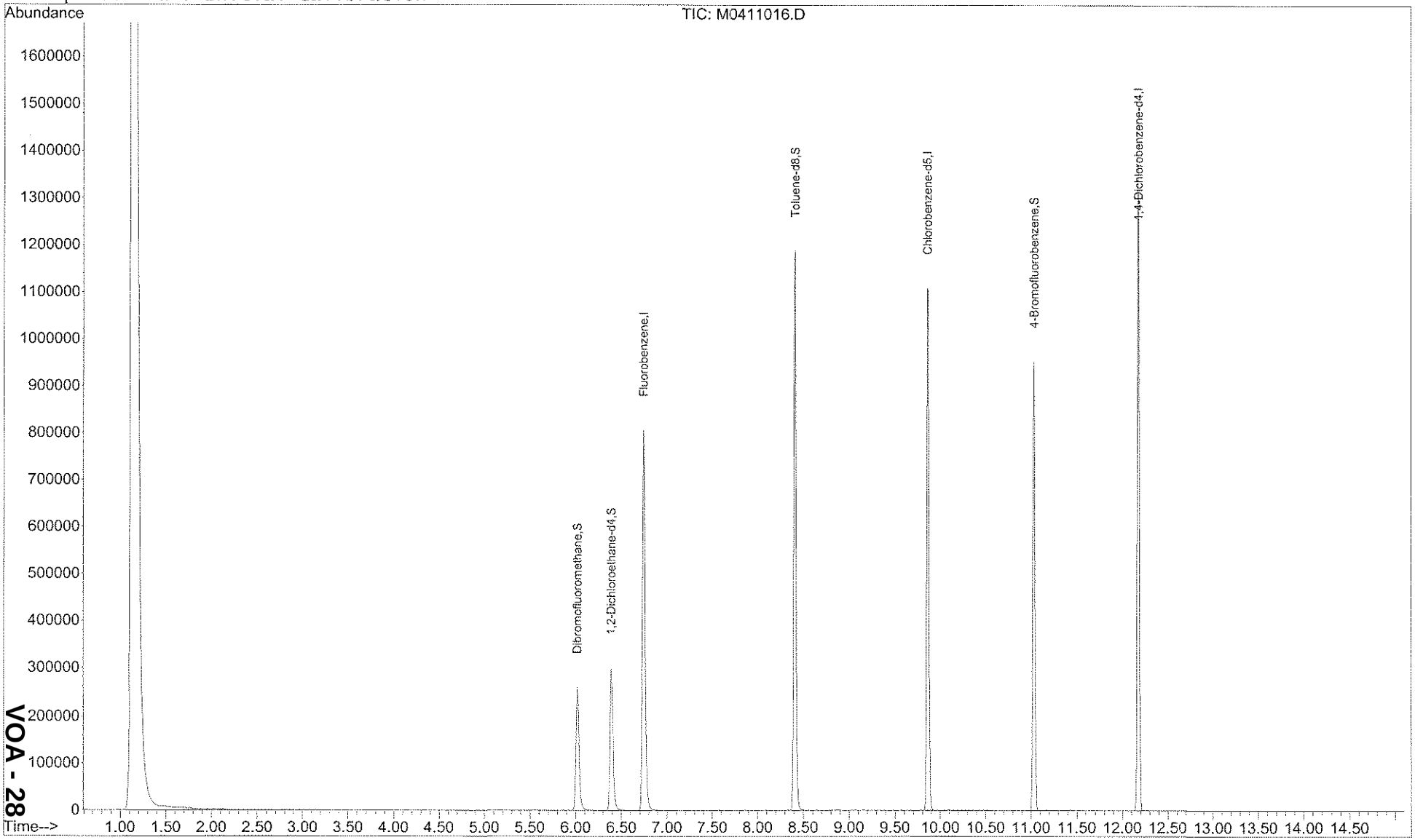
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411016.D Vial: 56
Acq On : 11 Apr 2007 13:25 Operator: DGA
Sample : JPL29-001 Inst : MOBY
Misc : #3 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:11 2007 Quant Results File: 524.RES

Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration



VOA - 28

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411016.D Vial: 56
Acq On : 11 Apr 2007 13:25 Operator: DGA
Sample : JPL29-001 Inst : MOBY
Misc : #3 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:11 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\040907\M0409012.D (9 Apr 2007 12:54)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	788319	50.00	ug/l	0.00 75.27%
50) Chlorobenzene-d5	9.86	82	332222	50.00	ug/l	0.00 73.34%
70) 1,4-Dichlorobenzene-d4	12.18	152	330534	50.00	ug/l	0.00 70.73%
System Monitoring Compounds						
33) Dibromofluoromethane	6.02	111	187795	50.07	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.14%			
37) 1,2-Dichloroethane-d4	6.39	65	229384	53.01	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.02%			
51) Toluene-d8	8.41	98	797702	51.65	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 103.30%			
72) 4-Bromofluorobenzene	11.03	95	279979	51.79	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 103.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	3.01	43	56	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.06	76	197	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	3.49	84	57	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27) 2-Butanone	0.00	43	0	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	0.00	83	0	N.D.		
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	0.00	78	0	N.D.		

(#) = qualifier out of range (m) = manual integration
M0411016.D 524.M Thu Apr 12 09:12:03 2007

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411016.D Vial: 56
Acq On : 11 Apr 2007 13:25 Operator: DGA
Sample : JPL29-001 Inst : MOBY
Misc : #3 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:11 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D.	
41)	Trichloroethene	0.00	130	0	N.D.	
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	0.00	83	0	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d
52)	Toluene	8.47	92	141	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	0.00	112	0	N.D.	
62)	1-Chlorohexane	9.86	91	1238	N.D.	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	10.10	91	910	N.D.	
65)	m,p-Xylene	10.10	106	425	N.D.	
66)	o-xylene	10.49	106	58	N.D.	
67)	Styrene	0.00	104	0	N.D.	d
68)	Bromoform	0.00	173	0	N.D.	d
69)	Isopropylbenzene	11.03	105	159	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	11.03	156	75	N.D.	
74)	1,1,2,2-Tetrachloroethane	11.03	83	340	N.D.	
75)	1,2,3-Trichloropropane	11.04	110	184	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	4-Chlorotoluene	0.00	91	0	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	11.76	119	62	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D.	d
83)	1,3-Dichlorobenzene	12.19	146	150	N.D.	
84)	4-Isopropyltoluene	0.00	119	0	N.D.	
85)	1,4-Dichlorobenzene	12.19	146	150	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	12.52	91	63	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	d
92)	1,2,3-Trichlorobenzene	14.66	180	83	N.D.	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411017.D

Level: (LOW/MED) Date Collected: 03/28/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 13:47

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411017.D

Level: (LOW/MED) Date Collected: 03/28/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 13:47

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411017.D

Level: (LOW/MED) Date Collected: 03/28/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 13:47

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

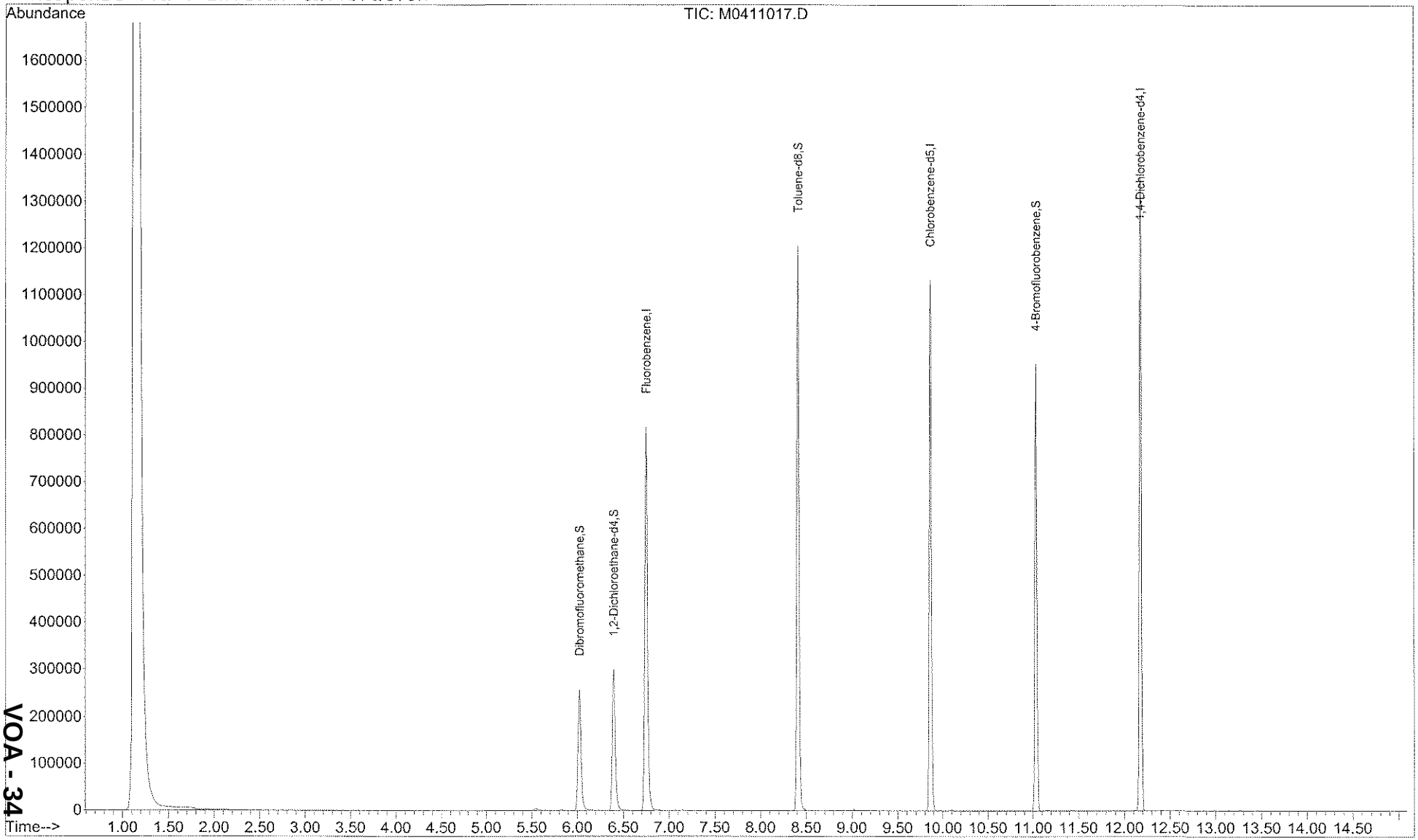
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411017.D Vial: 57
Acq On : 11 Apr 2007 13:47 Operator: DGA
Sample : JPL29-002 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:12 2007 Quant Results File: 524.RES

Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration



VOA - 34

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411017.D Vial: 57
Acq On : 11 Apr 2007 13:47 Operator: DGA
Sample : JPL29-002 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:12 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\040907\M0409012.D (9 Apr 2007 12:54)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.75	96	785115	50.00	ug/l	0.00 74.97%
50) Chlorobenzene-d5	9.86	82	329797	50.00	ug/l	0.00 72.80%
70) 1,4-Dichlorobenzene-d4	12.18	152	332435	50.00	ug/l	0.00 71.14%
System Monitoring Compounds						
33) Dibromofluoromethane	6.03	111	183737	49.18	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 98.36%			
37) 1,2-Dichloroethane-d4	6.40	65	227922	52.89	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.78%			
51) Toluene-d8	8.41	98	798601	52.09	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.18%			
72) 4-Bromofluorobenzene	11.03	95	280392	51.57	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 103.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.07	76	66	N.D.		
15) Allyl chloride	3.26	76	56	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	4.56	63	84	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	5.39	96	76	N.D.		
27) 2-Butanone	5.56	43	129	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	5.82	83	726	N.D.		
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	6.09	117	62	N.D.		
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	6.41	78	82	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411017.D Vial: 57
Acq On : 11 Apr 2007 13:47 Operator: DGA
Sample : JPL29-002 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:12 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D.	
41)	Trichloroethene	7.16	130	275	N.D.	
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	7.73	83	81	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d
52)	Toluene	8.48	92	234	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	9.01	166	865	N.D.	
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	0.00	112	0	N.D.	
62)	1-Chlorohexane	9.86	91	1071	N.D.	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	10.10	91	1517	N.D.	
65)	m,p-Xylene	10.09	106	516	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	0.00	104	0	N.D.	d
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	11.03	105	229	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	11.04	83	221	N.D.	
75)	1,2,3-Trichloropropane	11.03	110	67	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	4-Chlorotoluene	0.00	91	0	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	11.75	119	57	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D.	
83)	1,3-Dichlorobenzene	12.11	146	481	N.D.	
84)	4-Isopropyltoluene	0.00	119	0	N.D.	
85)	1,4-Dichlorobenzene	12.20	146	701	N.D.	
86)	1,2-Dichlorobenzene	12.58	146	816	N.D.	
87)	n-Butylbenzene	0.00	91	0	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	14.17	180	72	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	d
92)	1,2,3-Trichlorobenzene	14.66	180	206	N.D.	

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411018.D

Level: (LOW/MED) Date Collected: 03/28/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 14:10

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.35	J
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.53	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.3	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411018.D

Level: (LOW/MED) Date Collected: 03/28/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 14:10

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.61	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411018.D

Level: (LOW/MED) _____ Date Collected: 03/28/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/11/2007 14:10

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

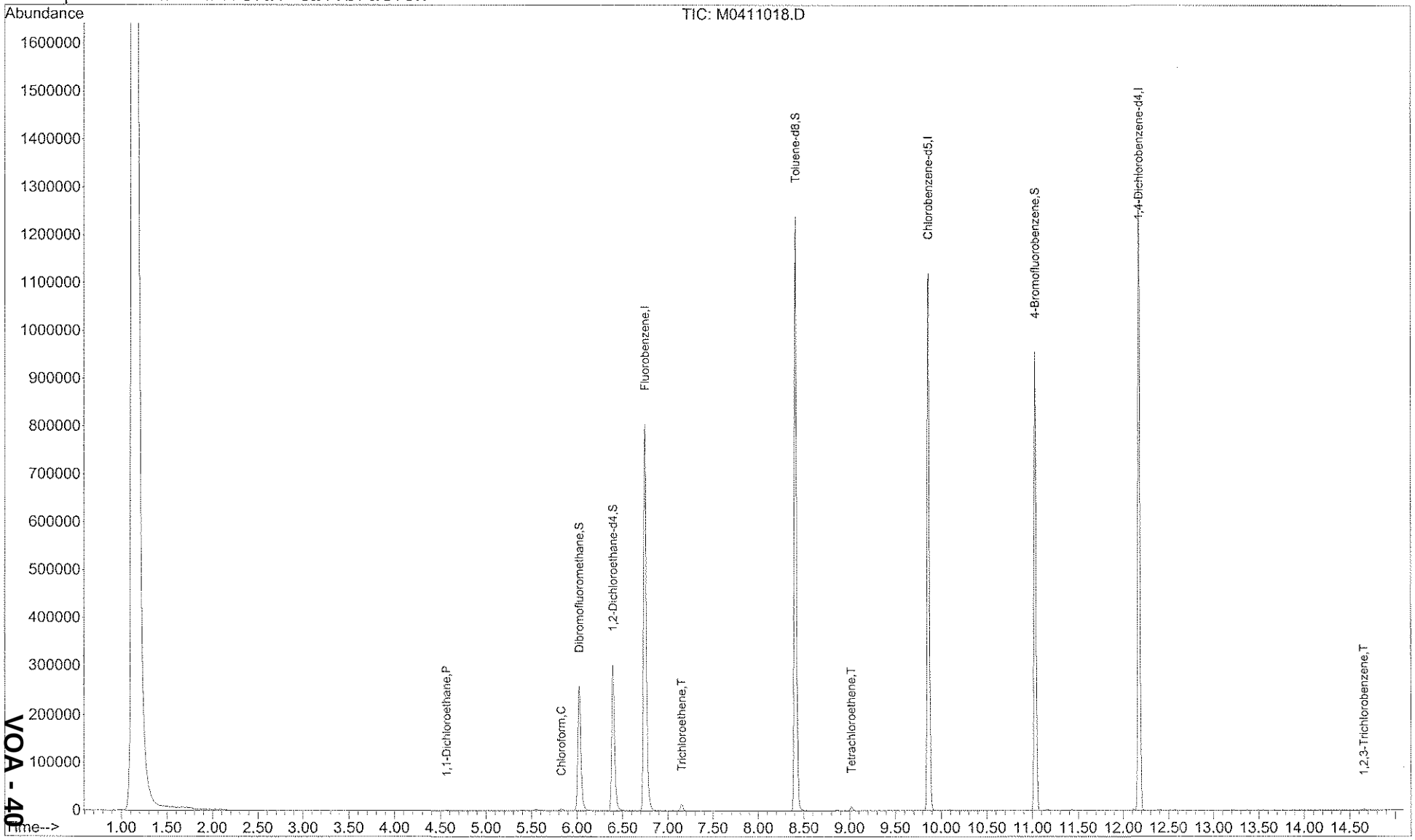
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.25	JB

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411018.D Vial: 58
Acq On : 11 Apr 2007 14:10 Operator: DGA
Sample : JPL29-003 Inst : MOBY
Misc : #4 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:14 2007 Quant Results File: 524.RES

Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration



VOA - 40

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411018.D Vial: 58
Acq On : 11 Apr 2007 14:10 Operator: DGA
Sample : JPL29-003 Inst : MOBY
Misc : #4 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:14 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\040907\M0409012.D (9 Apr 2007 12:54)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.75	96	789241	50.00	ug/l	0.00 75.36%
50) Chlorobenzene-d5	9.86	82	335520	50.00	ug/l	0.00 74.06%
70) 1,4-Dichlorobenzene-d4	12.18	152	330694	50.00	ug/l	0.00 70.76%
System Monitoring Compounds						
33) Dibromofluoromethane	6.03	111	187700	49.98	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.96%			
37) 1,2-Dichloroethane-d4	6.40	65	232770	53.73	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.46%			
51) Toluene-d8	8.41	98	804023	51.55	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 103.10%			
72) 4-Bromofluorobenzene	11.03	95	277964	51.39	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 102.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	4.57	63	1978	0.35	ug/l	71
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	5.39	96	774	N.D.		
27) 2-Butanone	0.00	43	0	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	5.83	83	3317	0.53	ug/l	96
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	6.41	78	322	N.D.		

LW 4/12/07

(#) = qualifier out of range (m) = manual integration
M0411018.D 524.M Thu Apr 12 09:14:48 2007

Quantitation Report

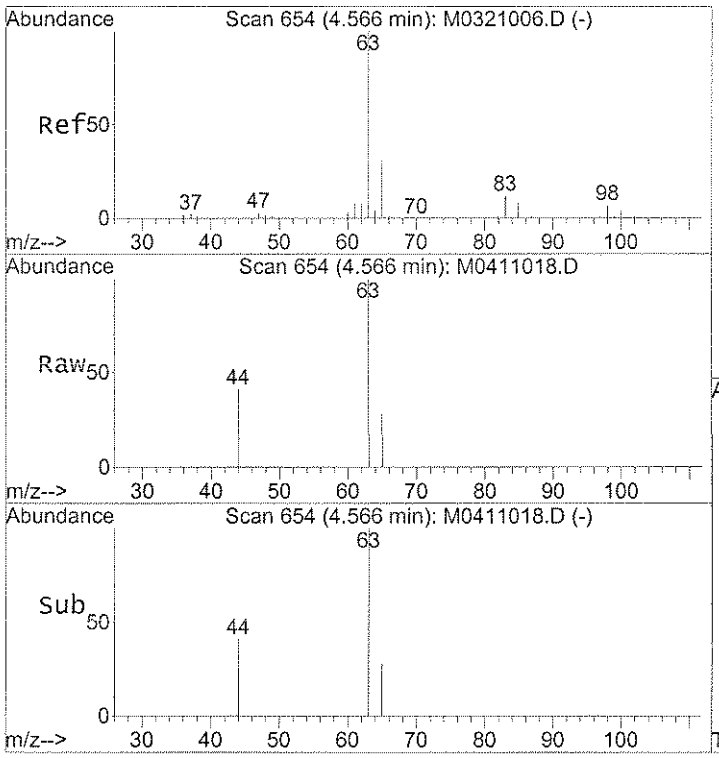
Data File : X:\MSVOA\MOBY\041107A\M0411018.D Vial: 58
Acq On : 11 Apr 2007 14:10 Operator: DGA
Sample : JPL29-003 Inst : MOBY
Misc : #4 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:14 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D.	
41)	Trichloroethene	7.15	130	4945	1.31 ug/l	95
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	7.40	63	58	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	7.72	83	319	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	8.48	92	151	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	9.02	166	2323	0.61 ug/l	96
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.90	112	125	N.D.	
62)	1-Chlorohexane	9.86	91	1246	N.D.	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	10.10	91	1321	N.D.	
65)	m,p-Xylene	10.10	106	667	N.D.	
66)	o-xylene	10.50	106	57	N.D.	
67)	Styrene	0.00	104	0	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	11.03	105	350	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	11.03	156	84	N.D.	
74)	1,1,2,2-Tetrachloroethane	11.03	83	57	N.D.	
75)	1,2,3-Trichloropropane	11.03	110	224	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	4-Chlorotoluene	0.00	91	0	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D. d	
83)	1,3-Dichlorobenzene	12.11	146	1347	N.D.	
84)	4-Isopropyltoluene	0.00	119	0	N.D.	
85)	1,4-Dichlorobenzene	12.11	146	1347	N.D.	
86)	1,2-Dichlorobenzene	12.57	146	580	N.D.	
87)	n-Butylbenzene	12.52	91	67	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	14.17	180	372	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D. d	
92)	1,2,3-Trichlorobenzene	14.66	180	933	0.25 ug/l #	93

LH 4/12/07

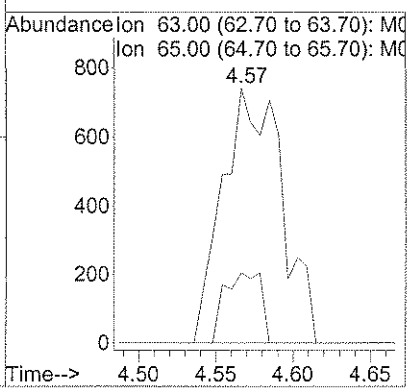
(#) = qualifier out of range (m) = manual integration
M0411018.D 524.M Thu Apr 12 09:14:48 2007

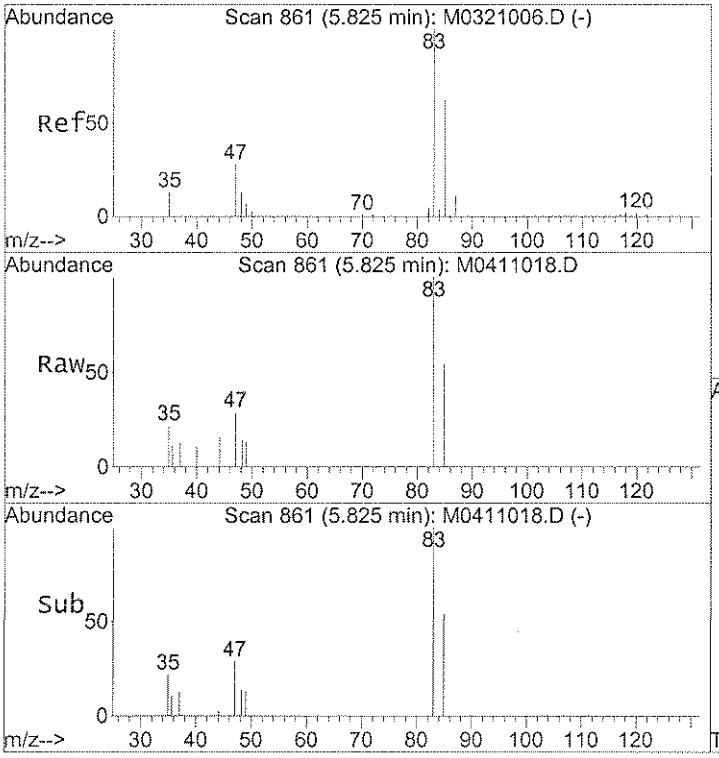


#22
1,1-Dichloroethane
Concen: 0.35 ug/l
RT: 4.57 min Scan# 654
Delta R.T. 0.01 min
Lab File: M0411018.D
Acq: 11 Apr 2007 14:10

Tgt Ion: 63 Resp: 1978

Ion	Ratio	Lower	Upper
63	100		
65	17.0	13.7	53.7

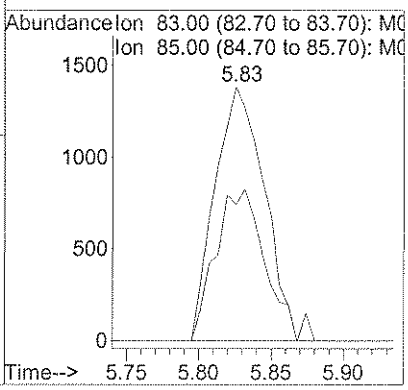


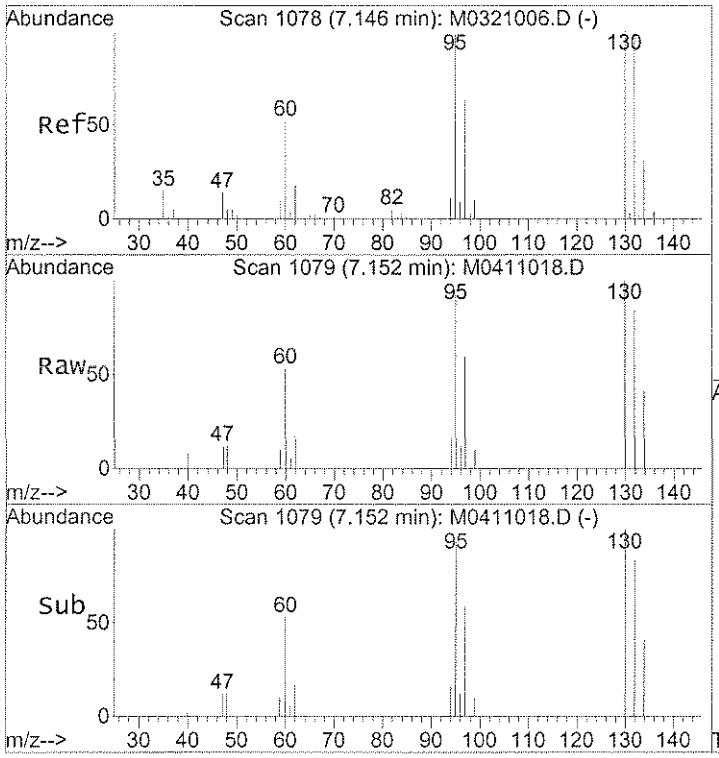


#31
Chloroform
Concen: 0.53 ug/l
RT: 5.83 min Scan# 861
Delta R.T. -0.00 min
Lab File: M0411018.D
Acq: 11 Apr 2007 14:10

Tgt Ion: 83 Resp: 3317

Ion	Ratio	Lower	Upper
83	100		
85	58.2	41.2	81.2

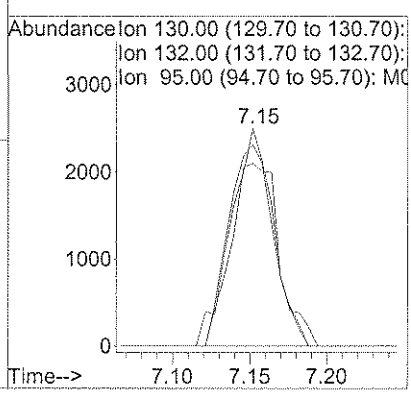


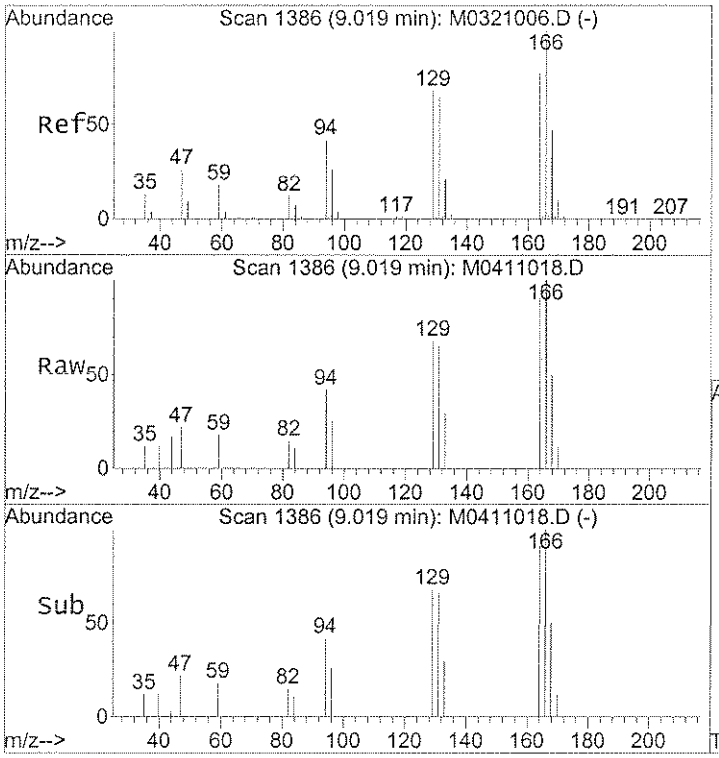


#41
Trichloroethene
Concen: 1.31 ug/l
RT: 7.15 min Scan# 1079
Delta R.T. 0.01 min
Lab File: M0411018.D
Acq: 11 Apr 2007 14:10

Tgt Ion:130 Resp: 4945

Ion	Ratio	Lower	Upper
130	100		
132	90.0	75.0	115.0
95	94.9	69.4	109.4

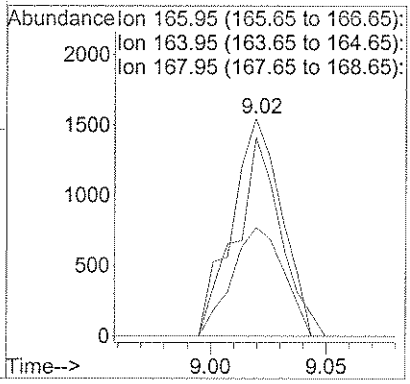


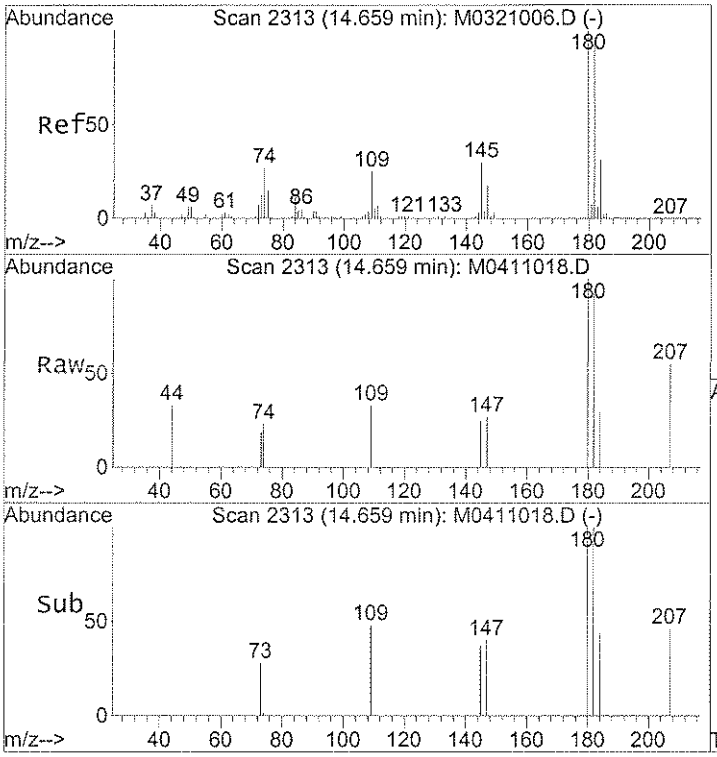


#56
Tetrachloroethene
Concen: 0.61 ug/l
RT: 9.02 min Scan# 1386
Delta R.T. -0.00 min
Lab File: M0411018.D
Acq: 11 Apr 2007 14:10

Tgt Ion:166 Resp: 2323

Ion	Ratio	Lower	Upper
166	100		
164	83.1	63.3	94.9
168	51.7	39.6	59.4

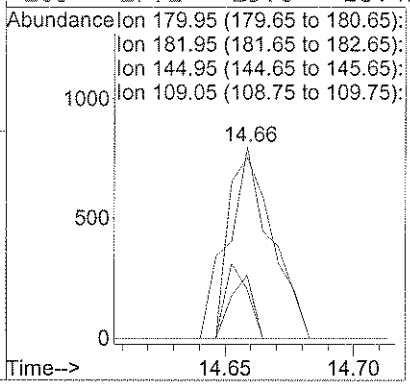




#92
1,2,3-Trichlorobenzene
Concen: 0.25 ug/l
RT: 14.66 min Scan# 2313
Delta R.T. -0.00 min
Lab File: M0411018.D
Acq: 11 Apr 2007 14:10

Tgt Ion:180 Resp: 933

Ion	Ratio	Lower	Upper
180	100		
182	98.1	76.0	114.0
145	20.0	23.0	34.4#
109	17.1	19.0	28.4#



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411019.D

Level: (LOW/MED) Date Collected: 03/28/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 14:33

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.32	J
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.40	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	5.5	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411019.D

Level: (LOW/MED) Date Collected: 03/28/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 14:33

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.40	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411019.D

Level: (LOW/MED) Date Collected: 03/28/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 14:33

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

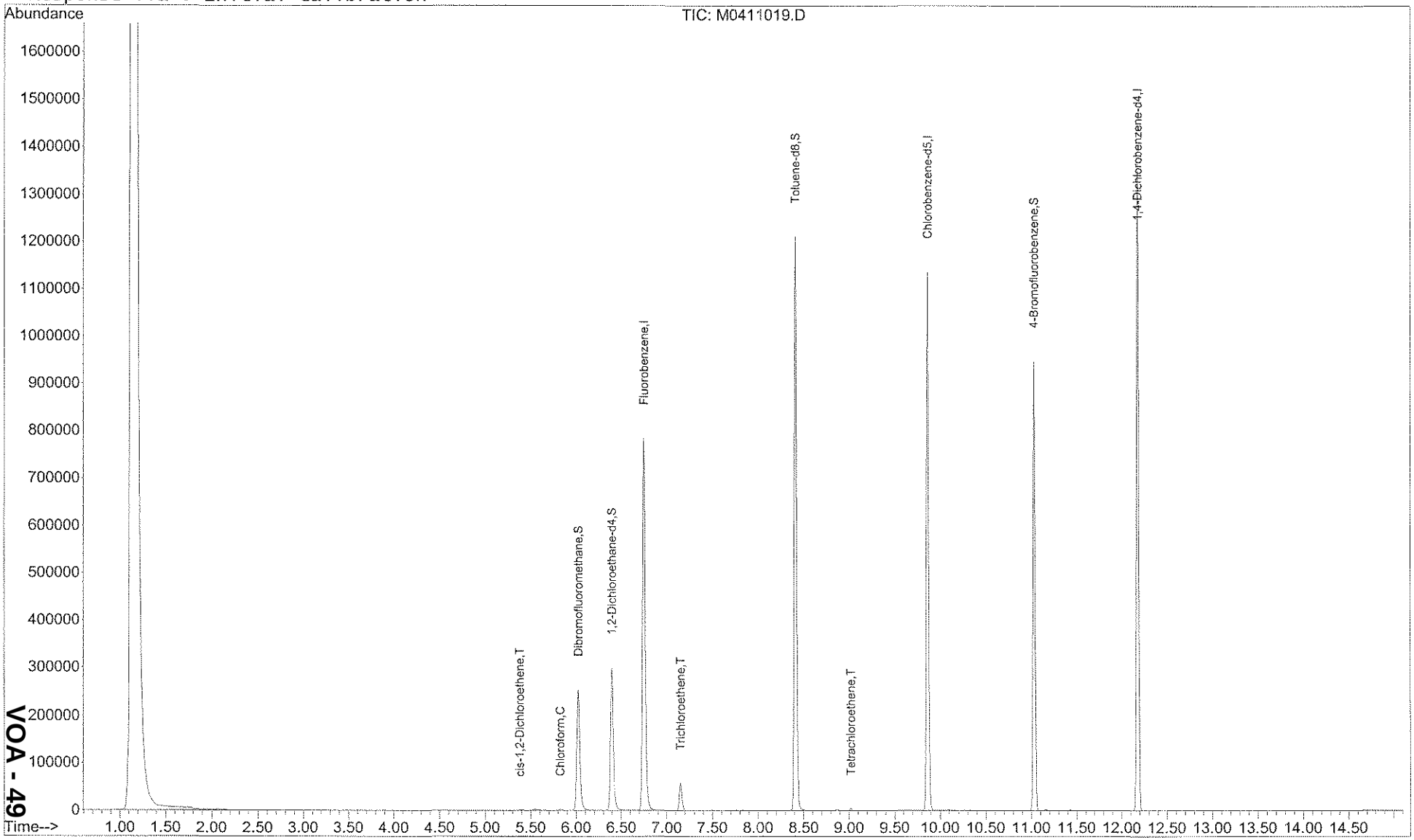
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411019.D Vial: 59
Acq On : 11 Apr 2007 14:33 Operator: DGA
Sample : JPL29-004 Inst : MOBY
Misc : #3 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:16 2007 Quant Results File: 524.RES

Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration



VOA - 49

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411019.D Vial: 59
Acq On : 11 Apr 2007 14:33 Operator: DGA
Sample : JPL29-004 Inst : MOBY
Misc : #3 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:16 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\040907\M0409012.D (9 Apr 2007 12:54)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.75	96	775107	50.00	ug/l	0.00 74.01%
50) Chlorobenzene-d5	9.86	82	327264	50.00	ug/l	0.00 72.24%
70) 1,4-Dichlorobenzene-d4	12.18	152	327966	50.00	ug/l	0.00 70.18%
System Monitoring Compounds						
33) Dibromofluoromethane	6.02	111	184983	50.16	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.32%			
37) 1,2-Dichloroethane-d4	6.40	65	229876	54.03	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.06%			
51) Toluene-d8	8.41	98	792510	52.10	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.20%			
72) 4-Bromofluorobenzene	11.03	95	272045	50.71	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 101.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	3.01	43	129	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	3.90	96	574	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	3.98	73	59	N.D.		
22) 1,1-Dichloroethane	4.58	63	1044	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	5.38	96	1079	0.32	ug/l	91
27) 2-Butanone	5.56	43	74	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	5.83	83	2474	0.40	ug/l	94
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	6.41	78	133	N.D.		

W 4/12/07

(#) = qualifier out of range (m) = manual integration
M0411019.D 524.M Thu Apr 12 09:16:16 2007

Quantitation Report

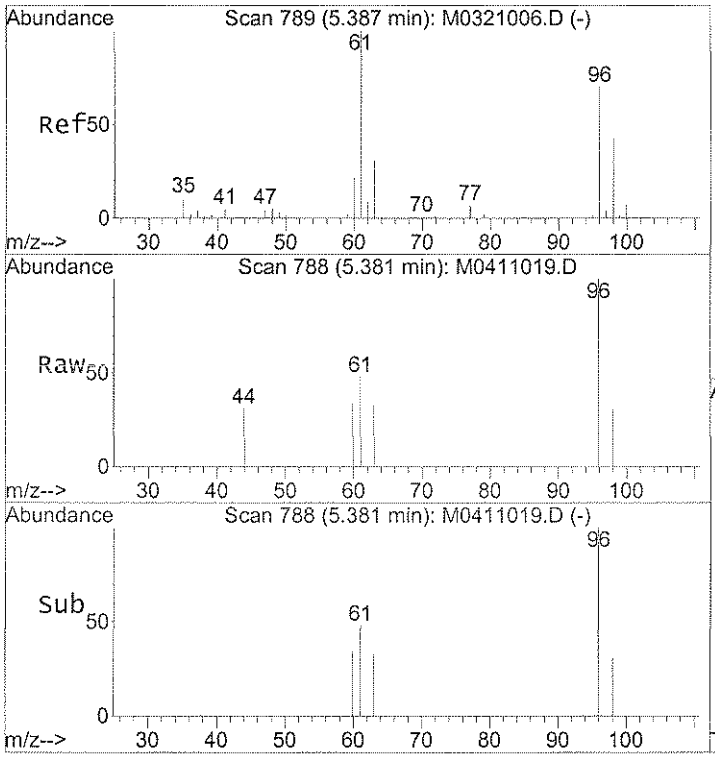
Data File : X:\MSVOA\MOBY\041107A\M0411019.D Vial: 59
Acq On : 11 Apr 2007 14:33 Operator: DGA
Sample : JPL29-004 Inst : MOBY
Misc : #3 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:16 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	6.49	43	56	~~Below Cal~~ #	22
41)	Trichloroethene	7.15	130	20211	5.47 ug/l	95
42)	Methylcyclohexane	0.00	83	0	N.D. d	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	7.72	83	173	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	8.47	92	85	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	9.01	166	1473	0.40 ug/l #	82
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	0.00	112	0	N.D.	
62)	1-Chlorohexane	9.86	91	1299	N.D.	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	9.99	91	337	N.D.	
65)	m,p-Xylene	10.10	106	636	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	0.00	104	0	N.D. d	
68)	Bromoform	0.00	173	0	N.D. d	
69)	Isopropylbenzene	11.03	105	193	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D. d	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	11.03	83	203	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	11.36	91	69	N.D.	
78)	4-Chlorotoluene	11.36	91	69	N.D.	
79)	1,3,5-Trimethylbenzene	11.44	105	58	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D. d	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D. d	
84)	4-Isopropyltoluene	0.00	119	0	N.D. d	
85)	1,4-Dichlorobenzene	12.19	146	131	N.D.	
86)	1,2-Dichlorobenzene	12.57	146	66	N.D.	
87)	n-Butylbenzene	0.00	91	0	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	14.17	180	197	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D. d	
92)	1,2,3-Trichlorobenzene	14.65	180	476	N.D.	

HW 4/12/07

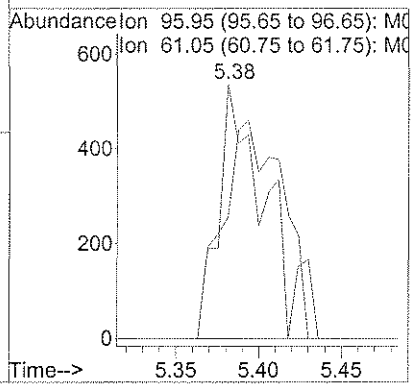
(#) = qualifier out of range (m) = manual integration

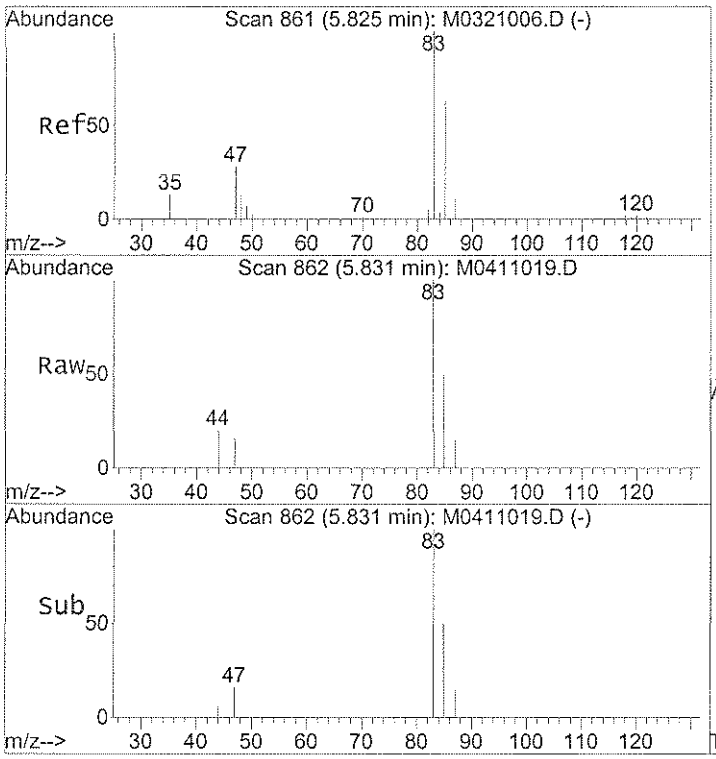


#26
cis-1,2-Dichloroethene
Concen: 0.32 ug/l
RT: 5.38 min Scan# 788
Delta R.T. -0.01 min
Lab File: M0411019.D
Acq: 11 Apr 2007 14:33

Tgt Ion: 96 Resp: 1079

Ion	Ratio	Lower	Upper
96	100		
61	106.9	93.4	140.2

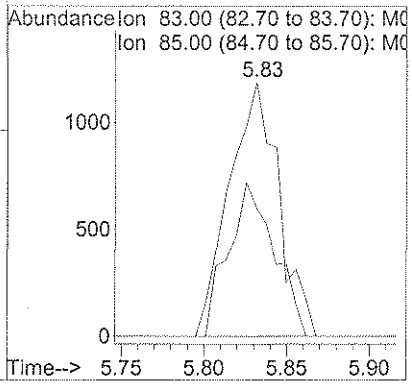


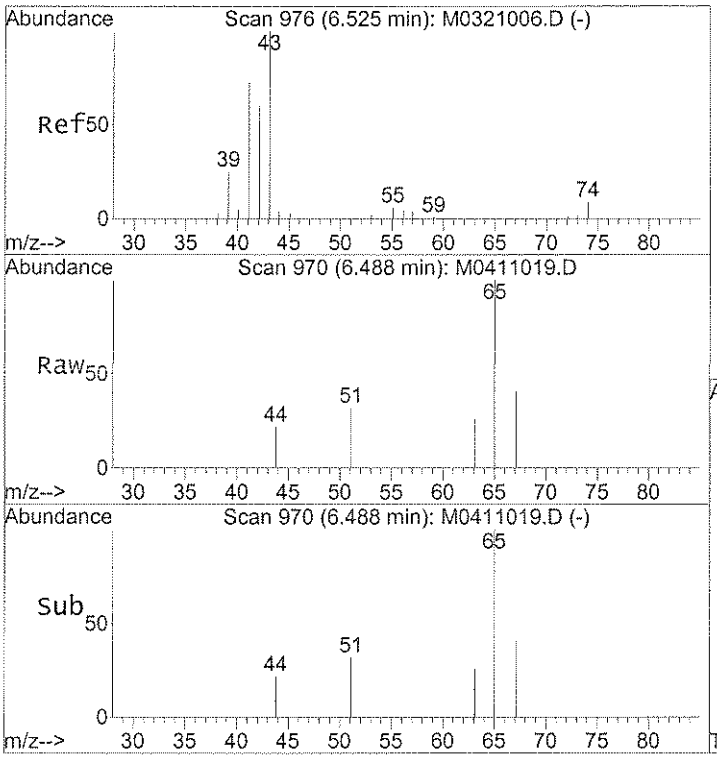


#31
Chloroform
Concen: 0.40 ug/l
RT: 5.83 min Scan# 862
Delta R.T. 0.01 min
Lab File: M0411019.D
Acq: 11 Apr 2007 14:33

Tgt Ion: 83 Resp: 2474

Ion	Ratio	Lower	Upper
83	100		
85	56.6	41.2	81.2

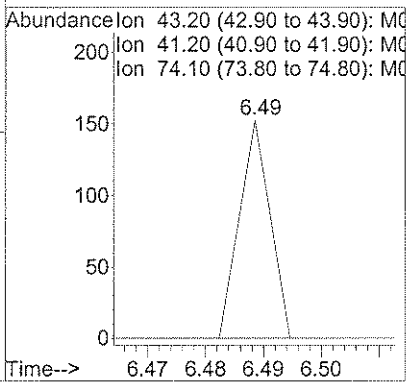


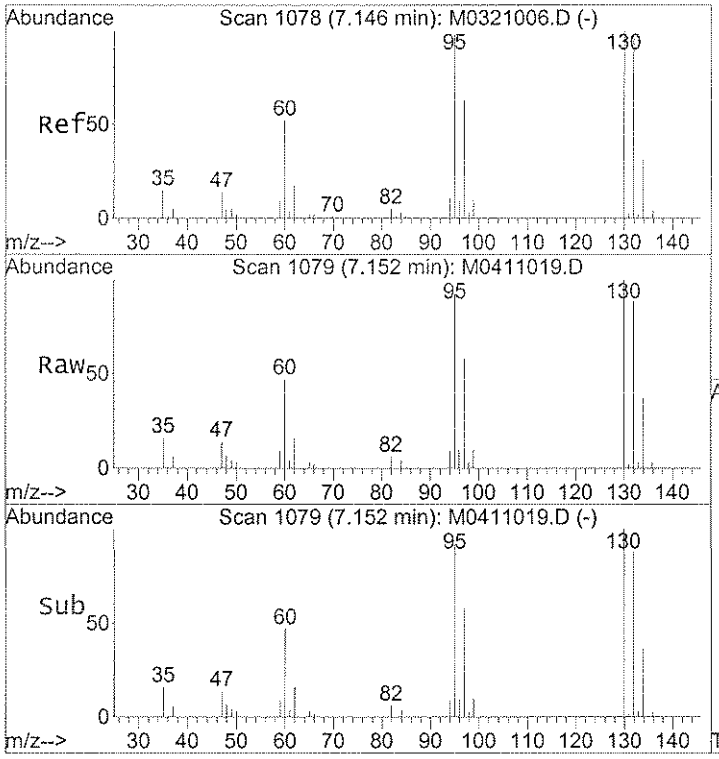


#40
Isobutanol
Concen: Below Cal
RT: 6.49 min Scan# 970
Delta R.T. -0.02 min
Lab File: M0411019.D
Acq: 11 Apr 2007 14:33

Tgt Ion: 43 Resp: 56

Ion	Ratio	Lower	Upper
43	100		
41	0.0	55.8	83.8#
74	0.0	8.0	12.0#

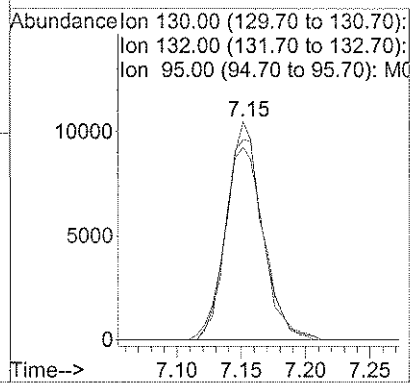


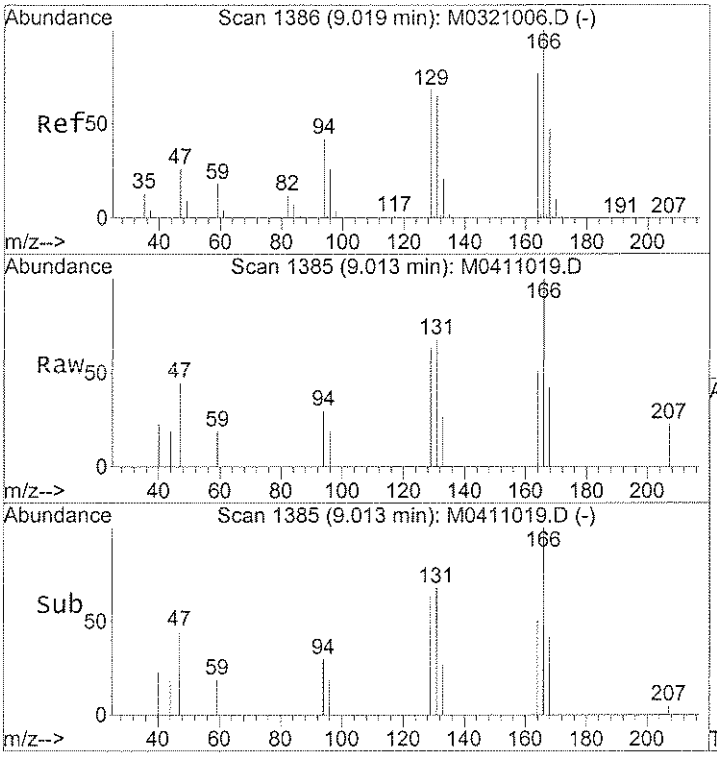


#41
Trichloroethene
Concen: 5.47 ug/l
RT: 7.15 min Scan# 1079
Delta R.T. 0.01 min
Lab File: M0411019.D
Acq: 11 Apr 2007 14:33

Tgt Ion:130 Resp: 20211

Ion	Ratio	Lower	Upper
130	100		
132	95.3	75.0	115.0
95	97.8	69.4	109.4

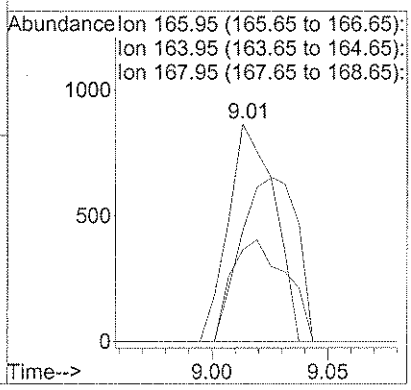




#56
Tetrachloroethene
Concen: 0.40 ug/l
RT: 9.01 min Scan# 1385
Delta R.T. -0.01 min
Lab File: M0411019.D
Acq: 11 Apr 2007 14:33

Tgt Ion:166 Resp: 1473

Ion	Ratio	Lower	Upper
166	100		
164	56.3	63.3	94.9#
168	45.1	39.6	59.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411020.D

Level: (LOW/MED) Date Collected: 03/28/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 14:56

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.43	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	2.5	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411020.D

Level: (LOW/MED) Date Collected: 03/28/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 14:56

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.31	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411020.D

Level: (LOW/MED) _____ Date Collected: 03/28/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/11/2007 14:56

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

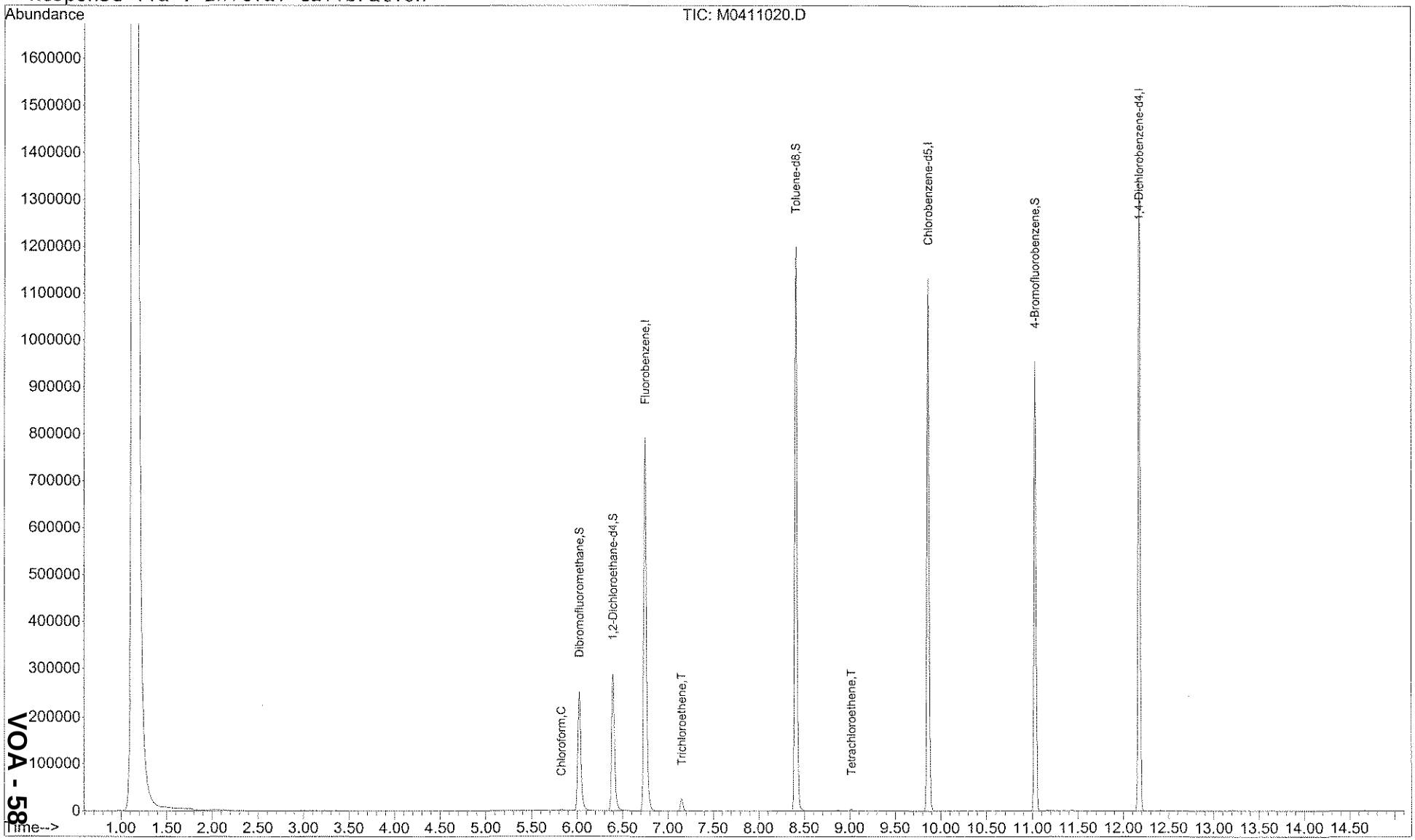
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411020.D Vial: 60
Acq On : 11 Apr 2007 14:56 Operator: DGA
Sample : JPL29-005 Inst : MOBY
Misc : #3 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:17 2007 Quant Results File: 524.RES

Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration



VOA - 58

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411020.D Vial: 60
Acq On : 11 Apr 2007 14:56 Operator: DGA
Sample : JPL29-005 Inst : MOBY
Misc : #3 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:17 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\040907\M0409012.D (9 Apr 2007 12:54)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.75	96	776957	50.00	ug/l	0.00 74.19%
50) Chlorobenzene-d5	9.86	82	329628	50.00	ug/l	0.00 72.76%
70) 1,4-Dichlorobenzene-d4	12.18	152	329543	50.00	ug/l	0.00 70.52%
System Monitoring Compounds						
33) Dibromofluoromethane	6.03	111	183240	49.57	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.14%			
37) 1,2-Dichloroethane-d4	6.40	65	226103	53.02	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.04%			
51) Toluene-d8	8.41	98	791916	51.68	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 103.36%			
72) 4-Bromofluorobenzene	11.03	95	272124	50.48	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 100.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	3.01	43	65	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	3.89	96	78	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	4.56	63	528	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	5.39	96	227	N.D.		
27) 2-Butanone	0.00	43	0	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	5.83	83	2657	0.43	ug/l	98
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	6.40	78	69	N.D.		

LH 4/12/07

(#) = qualifier out of range (m) = manual integration
M0411020.D 524.M Thu Apr 12 09:17:28 2007

Quantitation Report

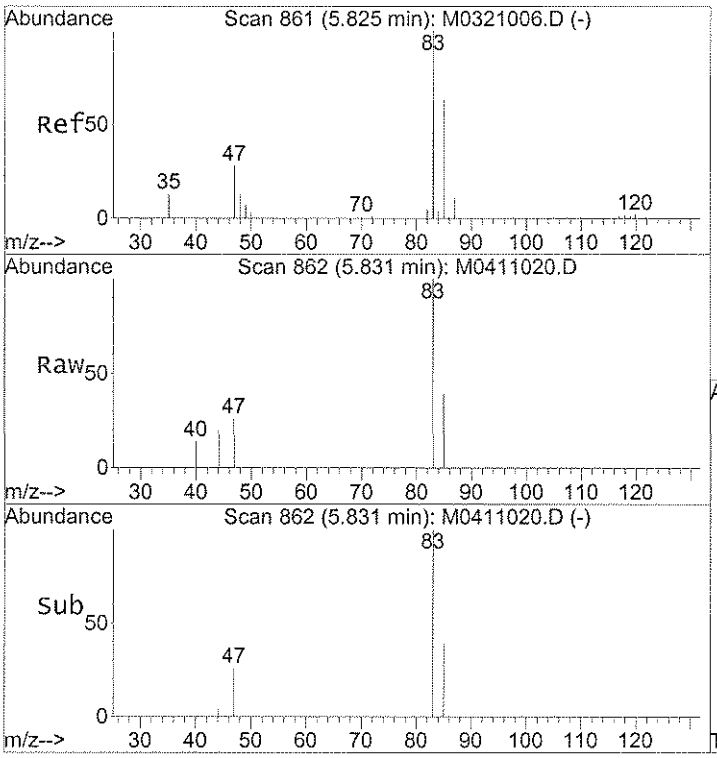
Data File : X:\MSVOA\MOBY\041107A\M0411020.D Vial: 60
Acq On : 11 Apr 2007 14:56 Operator: DGA
Sample : JPL29-005 Inst : MOBY
Misc : #3 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:17 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D.	
41)	Trichloroethene	7.16	130	9416	2.54 ug/l	97
42)	Methylcyclohexane	0.00	83	0	N.D. d	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	0.00	83	0	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	0.00	92	0	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	8.93	97	61	N.D.	
56)	Tetrachloroethene	9.02	166	1159	0.31 ug/l	91
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	0.00	112	0	N.D.	
62)	1-Chlorohexane	9.86	91	1034	N.D.	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	10.00	91	130	N.D.	
65)	m,p-Xylene	10.10	106	389	N.D.	
66)	o-xylene	10.50	106	84	N.D.	
67)	Styrene	0.00	104	0	N.D.	
68)	Bromoform	0.00	173	0	N.D. d	
69)	Isopropylbenzene	11.03	105	354	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	11.03	83	178	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	4-Chlorotoluene	0.00	91	0	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D. d	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
84)	4-Isopropyltoluene	0.00	119	0	N.D. d	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	0.00	91	0	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	14.17	180	60	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	14.67	180	359	N.D.	

LH 4/12/07

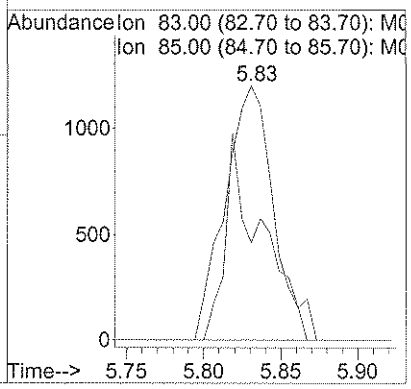
(#) = qualifier out of range (m) = manual integration
M0411020.D 524.M Thu Apr 12 09:17:29 2007

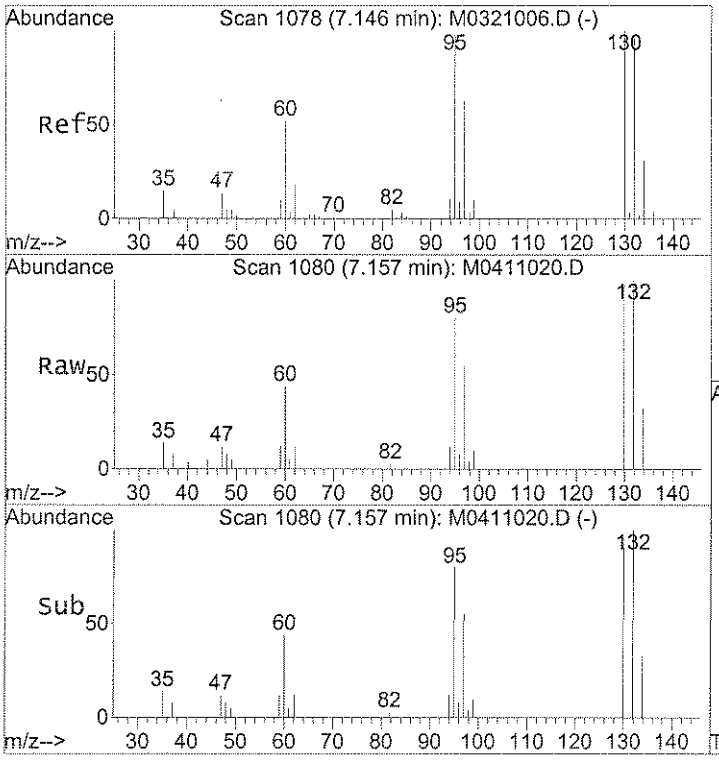


#31
Chloroform
Concen: 0.43 ug/l
RT: 5.83 min Scan# 862
Delta R.T. 0.00 min
Lab File: M0411020.D
Acq: 11 Apr 2007 14:56

Tgt Ion: 83 Resp: 2657

Ion	Ratio	Lower	Upper
83	100		
85	60.0	41.2	81.2

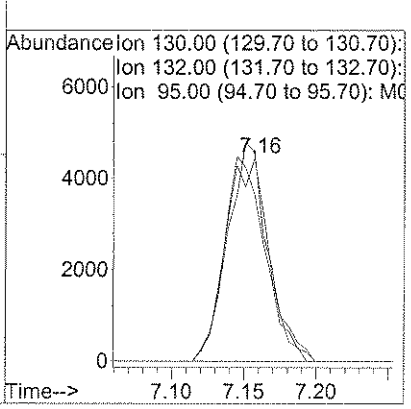


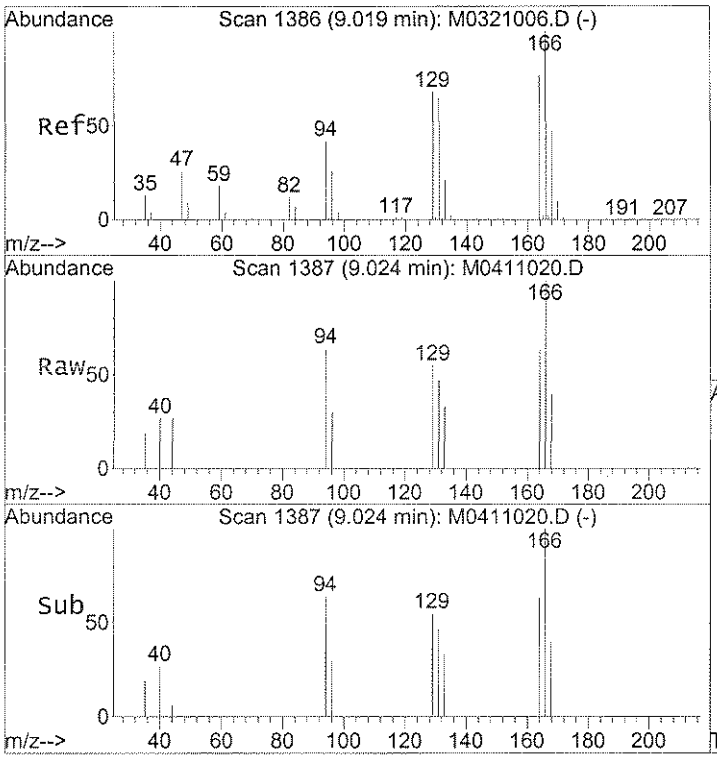


#41
Trichloroethene
Concen: 2.54 ug/l
RT: 7.16 min Scan# 1080
Delta R.T. 0.01 min
Lab File: M0411020.D
Acq: 11 Apr 2007 14:56

Tgt Ion:130 Resp: 9416

Ion	Ratio	Lower	Upper
130	100		
132	95.9	75.0	115.0
95	94.4	69.4	109.4

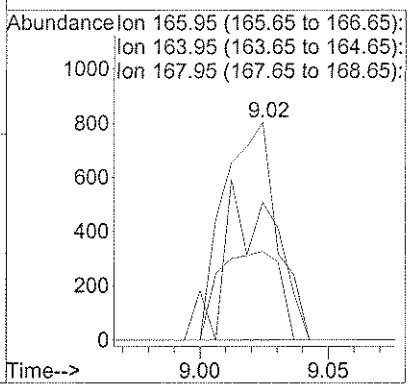




#56
Tetrachloroethene
Concen: 0.31 ug/l
RT: 9.02 min Scan# 1387
Delta R.T. 0.00 min
Lab File: M0411020.D
Acq: 11 Apr 2007 14:56

Tgt Ion:166 Resp: 1159

Ion	Ratio	Lower	Upper
166	100		
164	68.5	63.3	94.9
168	46.2	39.6	59.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-2-3/28/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411021.D

Level: (LOW/MED) Date Collected: 03/28/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 15:20

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.25	JB
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-2-3/28/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411021.D

Level: (LOW/MED) Date Collected: 03/28/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 15:20

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	0.88	J
95-47-6	o-Xylene	0.32	J
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-2-3/28/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411021.D

Level: (LOW/MED) Date Collected: 03/28/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 15:20

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

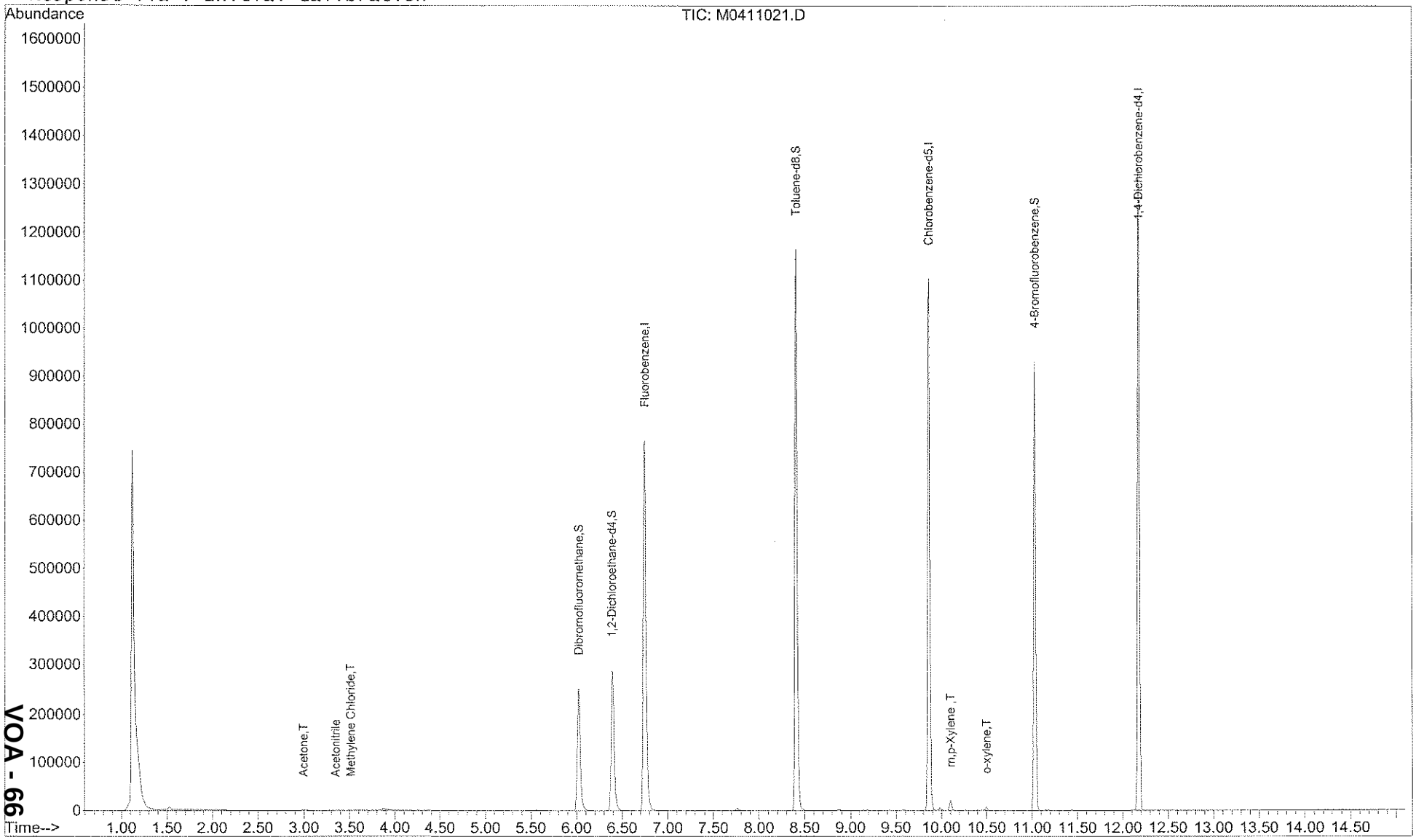
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411021.D Vial: 61
Acq On : 11 Apr 2007 15:20 Operator: DGA
Sample : JPL29-006 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:18 2007 Quant Results File: 524.RES

Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration



VOA - 66

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411021.D Vial: 61
Acq On : 11 Apr 2007 15:20 Operator: DGA
Sample : JPL29-006 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:18 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\040907\M0409012.D (9 Apr 2007 12:54)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.75	96	765525	50.00	ug/l	0.00 73.10%
50) Chlorobenzene-d5	9.87	82	323532	50.00	ug/l	0.00 71.42%
70) 1,4-Dichlorobenzene-d4	12.18	152	327401	50.00	ug/l	0.00 70.06%
System Monitoring Compounds						
33) Dibromofluoromethane	6.03	111	181924	49.95	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.90%			
37) 1,2-Dichloroethane-d4	6.40	65	222201	52.88	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.76%			
51) Toluene-d8	8.41	98	780108	51.87	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 103.74%			
72) 4-Bromofluorobenzene	11.03	95	272824	50.95	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 101.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	3.00	43	1586	1.95	ug/l	97
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	3.35	40	112	0.68	ug/l #	1
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	3.51	84	72	0.25	ug/l #	61
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27) 2-Butanone	5.55	43	206	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	5.84	83	73	N.D.		
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.	d	
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	6.42	78	217	N.D.		

HN 4/12/07

(#) = qualifier out of range (m) = manual integration
M0411021.D 524.M Thu Apr 12 09:18:43 2007

Quantitation Report

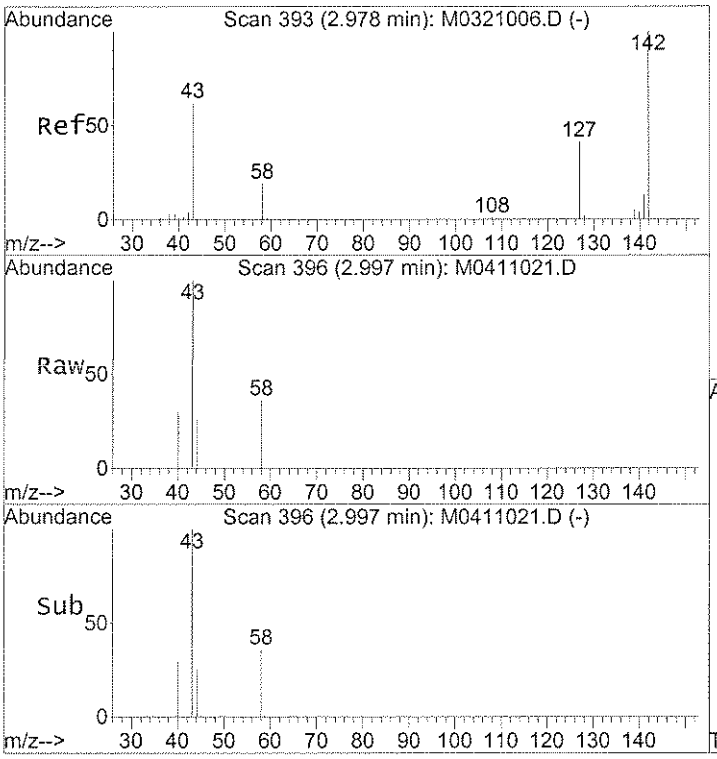
Data File : X:\MSVOA\MOBY\041107A\M0411021.D Vial: 61
Acq On : 11 Apr 2007 15:20 Operator: DGA
Sample : JPL29-006 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:18 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D. d	
41)	Trichloroethene	0.00	130	0	N.D.	
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	0.00	83	0	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	8.47	92	206	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	9.00	43	74	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	0.00	112	0	N.D.	
62)	1-Chlorohexane	9.87	91	1300	N.D.	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	9.99	91	4389	N.D.	
65)	m,p-Xylene	10.10	106	6214	0.88 ug/l	99
66)	o-xylene	10.49	106	2035	0.32 ug/l	89
67)	Styrene	0.00	104	0	N.D. d	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.85	105	61	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	11.37	156	56	N.D.	
74)	1,1,2,2-Tetrachloroethane	11.03	83	58	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	4-Chlorotoluene	0.00	91	0	N.D.	
79)	1,3,5-Trimethylbenzene	11.44	105	77	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D. d	
82)	sec-butylbenzene	0.00	105	0	N.D. d	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
84)	4-Isopropyltoluene	0.00	119	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	12.54	91	56	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D. d	
92)	1,2,3-Trichlorobenzene	14.66	180	80	N.D.	

LW 4/12/07

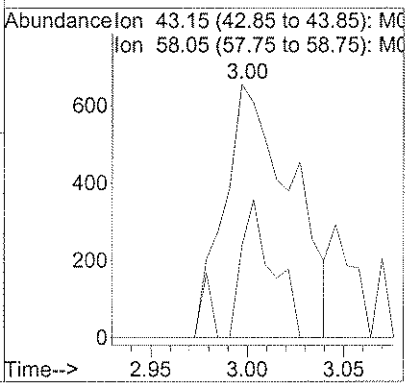
(#) = qualifier out of range (m) = manual integration
M0411021.D 524.M Thu Apr 12 09:18:43 2007

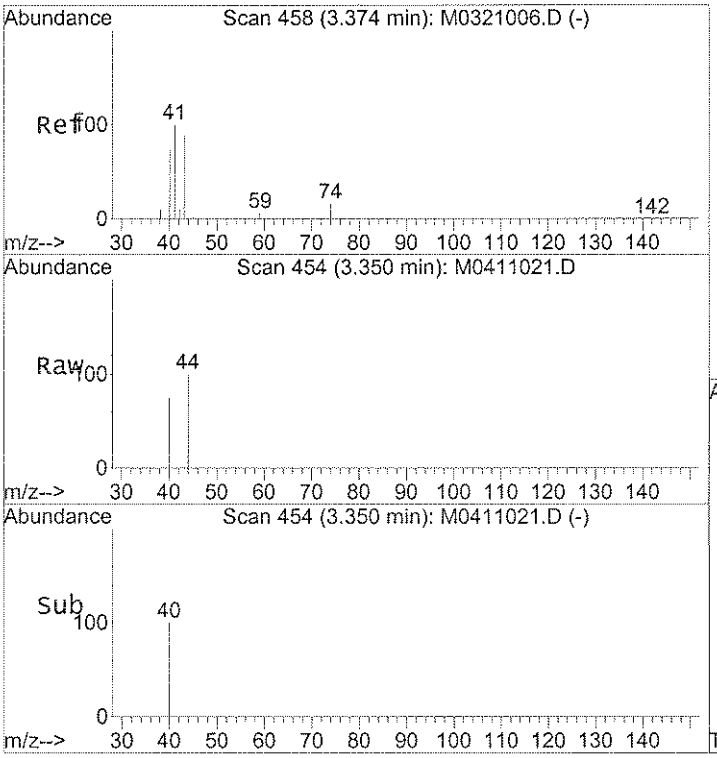


#11
Acetone
Concen: 1.95 ug/l
RT: 3.00 min Scan# 396
Delta R.T. 0.04 min
Lab File: M0411021.D
Acq: 11 Apr 2007 15:20

Tgt Ion: 43 Resp: 1586

Ion	Ratio	Lower	Upper
43	100		
58	25.7	21.9	32.9

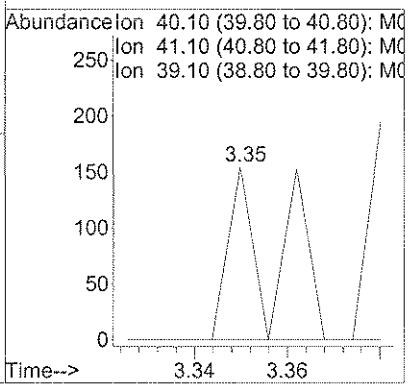


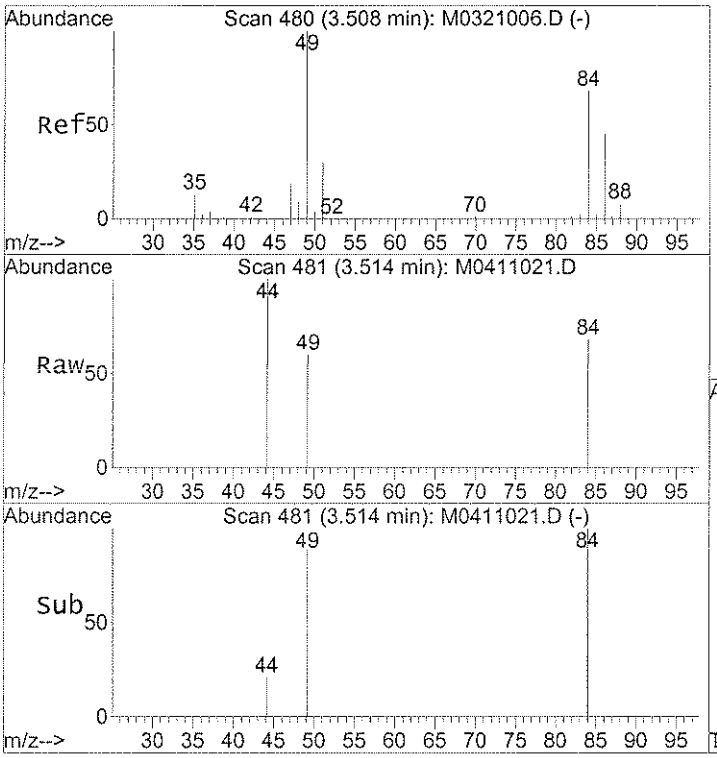


#16
Acetonitrile
Concen: 0.68 ug/l
RT: 3.35 min Scan# 454
Delta R.T. -0.00 min
Lab File: M0411021.D
Acq: 11 Apr 2007 15:20

Tgt Ion: 40 Resp: 112

Ion	Ratio	Lower	Upper
40	100		
41	0.0	204.1	306.1#
39	0.0	76.9	115.3#

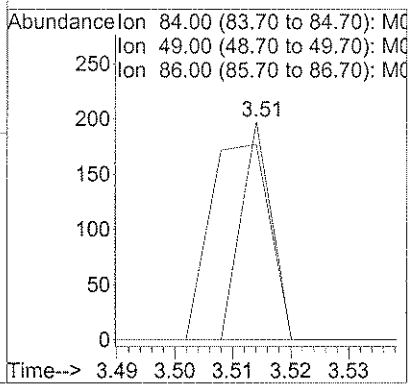


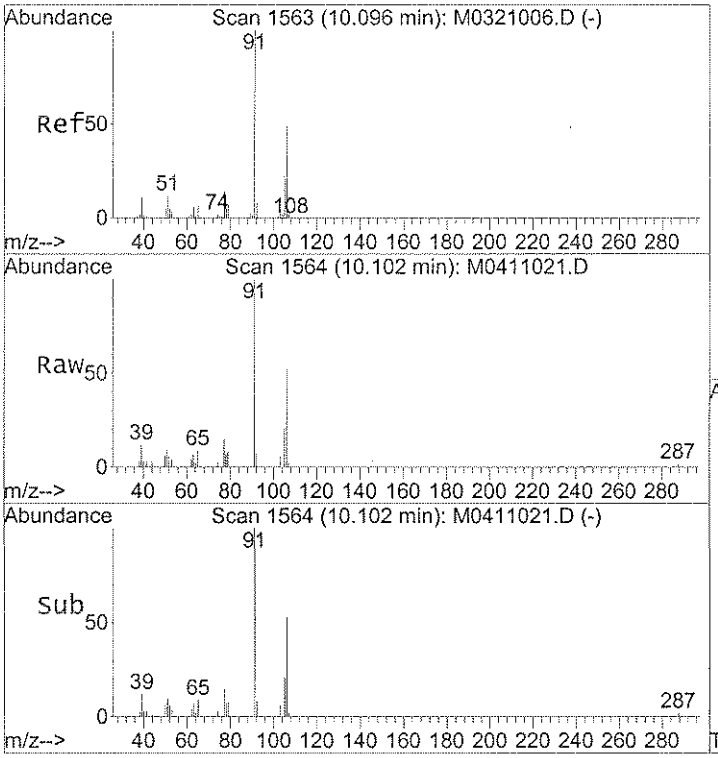


#18
Methylene Chloride
Concen: 0.25 ug/l
RT: 3.51 min Scan# 481
Delta R.T. 0.01 min
Lab File: M0411021.D
Acq: 11 Apr 2007 15:20

Tgt Ion: 84 Resp: 72

Ion	Ratio	Lower	Upper
84	100		
49	176.4	133.5	173.5#
86	0.0	49.1	89.1#

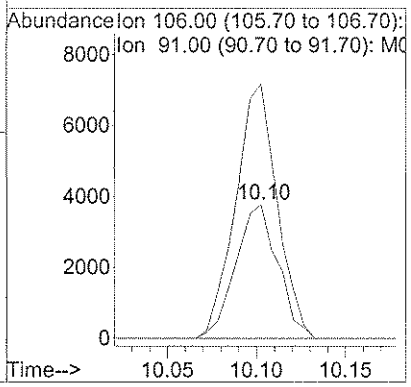


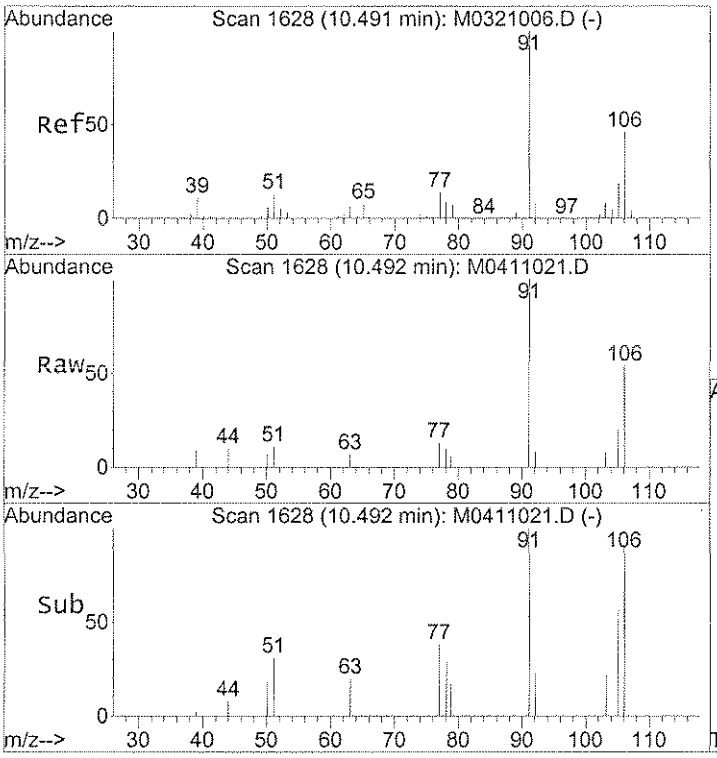


#65
m,p-Xylene
Concen: 0.88 ug/l
RT: 10.10 min Scan# 1564
Delta R.T. -0.00 min
Lab File: M0411021.D
Acq: 11 Apr 2007 15:20

Tgt Ion:106 Resp: 6214

Ion	Ratio	Lower	Upper
106	100		
91	187.9	169.6	209.6

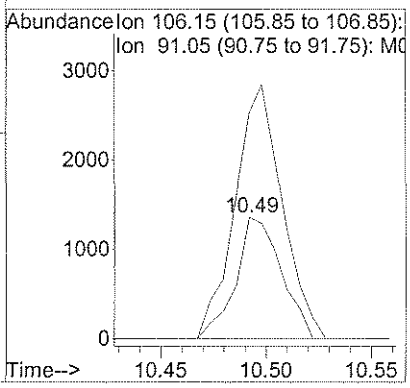




#66
o-xylene
Concen: 0.32 ug/l
RT: 10.49 min Scan# 1628
Delta R.T. -0.01 min
Lab File: M0411021.D
Acq: 11 Apr 2007 15:20

Tgt Ion:106 Resp: 2035

Ion	Ratio	Lower	Upper
106	100		
91	217.1	160.6	240.8



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-2-3/28/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411022.D

Level: (LOW/MED) Date Collected: 03/28/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 15:43

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.44	JB
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-2-3/28/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411022.D

Level: (LOW/MED) _____ Date Collected: 03/28/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/11/2007 15:43

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-2-3/28/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411022.D

Level: (LOW/MED) _____ Date Collected: 03/28/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/11/2007 15:43

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

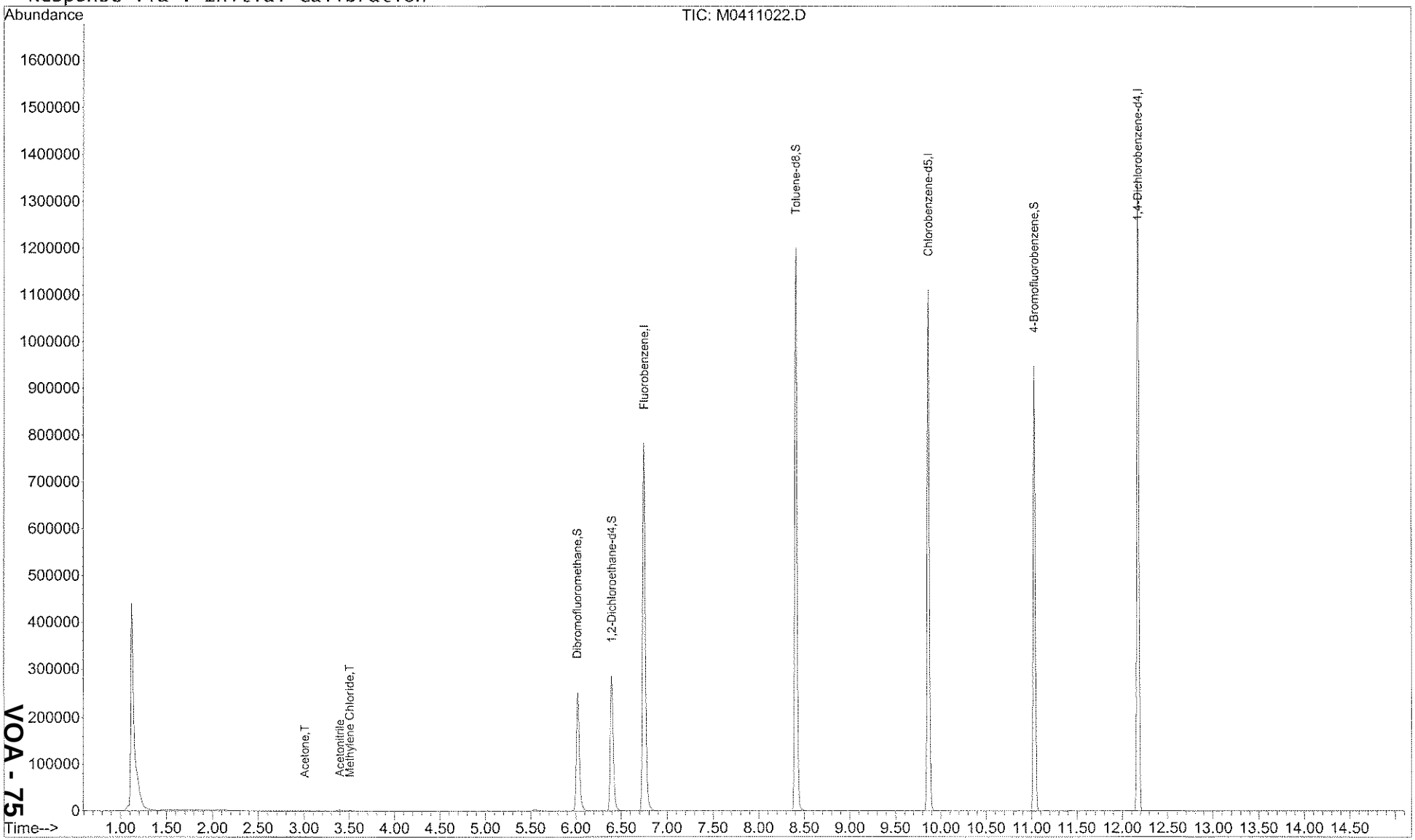
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411022.D Vial: 62
Acq On : 11 Apr 2007 15:43 Operator: DGA
Sample : JPL29-007 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:20 2007 Quant Results File: 524.RES

Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration



VOA - 75

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411022.D Vial: 62
Acq On : 11 Apr 2007 15:43 Operator: DGA
Sample : JPL29-007 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:20 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\040907\M0409012.D (9 Apr 2007 12:54)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.75	96	769424	50.00	ug/l	0.00 73.47%
50) Chlorobenzene-d5	9.86	82	325111	50.00	ug/l	0.00 71.77%
70) 1,4-Dichlorobenzene-d4	12.18	152	327163	50.00	ug/l	0.00 70.01%
System Monitoring Compounds						
33) Dibromofluoromethane	6.03	111	182404	49.82	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.64%			
37) 1,2-Dichloroethane-d4	6.40	65	224069	53.06	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.12%			
51) Toluene-d8	8.41	98	783585	51.85	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 103.70%			
72) 4-Bromofluorobenzene	11.03	95	270591	50.57	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 101.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D. d		
11) Acetone	3.01	43	1280	1.57	ug/l #	57
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.07	76	413	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	3.40	40	3093	18.65	ug/l #	24
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	3.51	84	676	0.44	ug/l	96
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27) 2-Butanone	5.54	43	70	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	0.00	83	0	N.D.		
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	6.41	78	161	N.D.		

MS 4/12/07

(#) = qualifier out of range (m) = manual integration
M0411022.D 524.M Thu Apr 12 09:20:06 2007

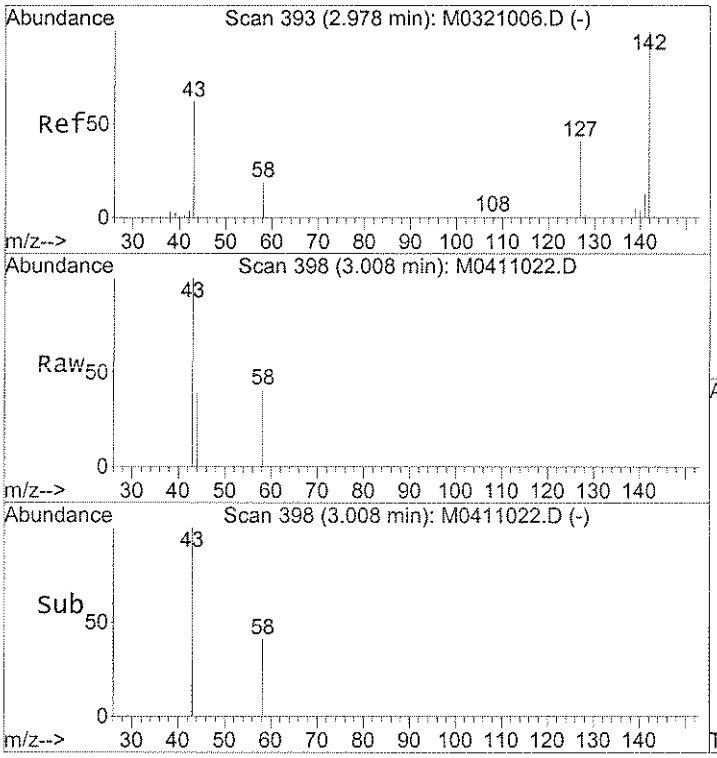
Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411022.D Vial: 62
Acq On : 11 Apr 2007 15:43 Operator: DGA
Sample : JPL29-007 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:20 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D.	
41)	Trichloroethene	0.00	130	0	N.D.	
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	0.00	83	0	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d
52)	Toluene	8.48	92	78	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.89	112	56	N.D.	
62)	1-Chlorohexane	9.86	91	1219	N.D.	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	10.10	91	59	N.D.	
65)	m,p-Xylene	10.10	106	64	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	0.00	104	0	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	11.03	105	335	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	11.03	156	55	N.D.	
74)	1,1,2,2-Tetrachloroethane	11.03	83	143	N.D.	
75)	1,2,3-Trichloropropane	11.03	110	139	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	4-Chlorotoluene	0.00	91	0	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D.	d
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	12.53	91	122	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	d
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

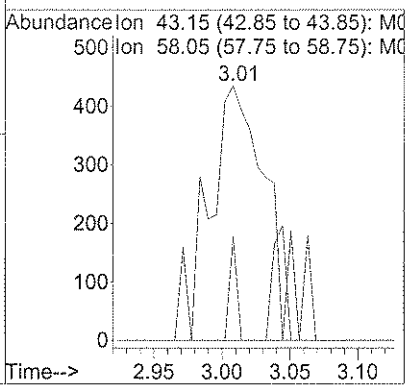
(#) = qualifier out of range (m) = manual integration

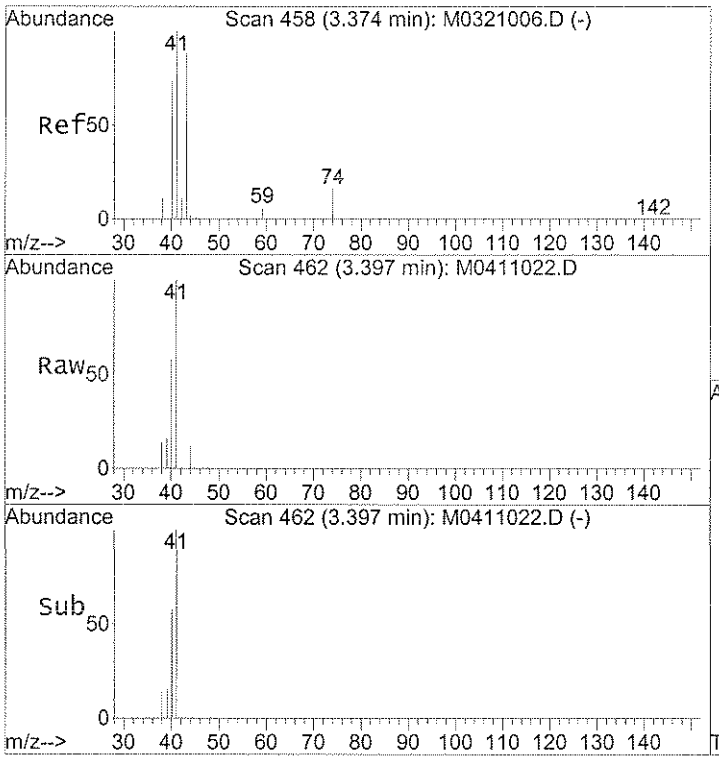


#11
Acetone
Concen: 1.57 ug/l
RT: 3.01 min Scan# 398
Delta R.T. 0.05 min
Lab File: M0411022.D
Acq: 11 Apr 2007 15:43

Tgt Ion: 43 Resp: 1280

Ion	Ratio	Lower	Upper
43	100		
58	5.1	21.9	32.9#

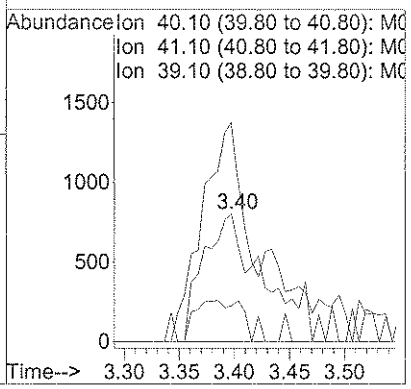


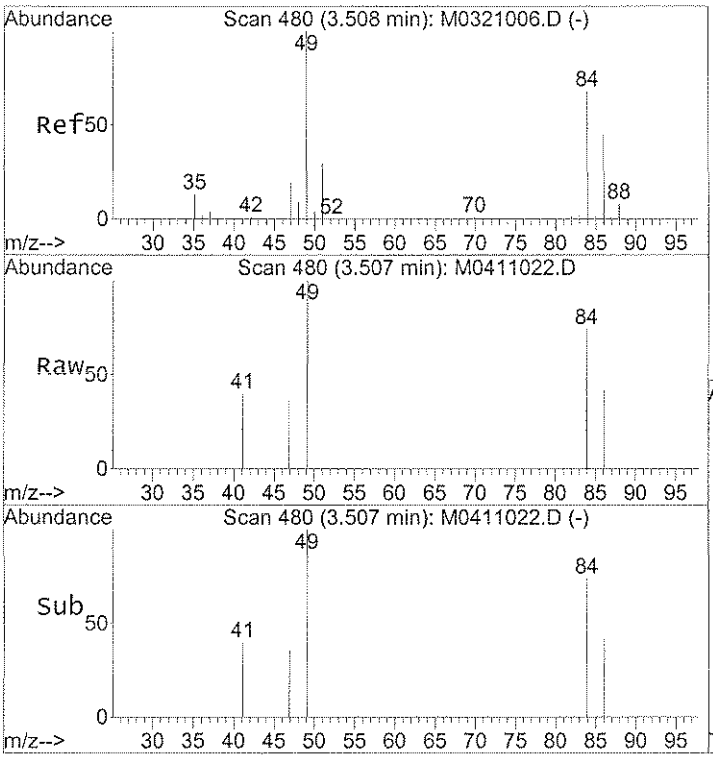


#16
Acetonitrile
Concen: 18.65 ug/l
RT: 3.40 min Scan# 462
Delta R.T. 0.05 min
Lab File: M0411022.D
Acq: 11 Apr 2007 15:43

Tgt Ion: 40 Resp: 3093

Ion	Ratio	Lower	Upper
40	100		
41	118.0	204.1	306.1#
39	25.9	76.9	115.3#

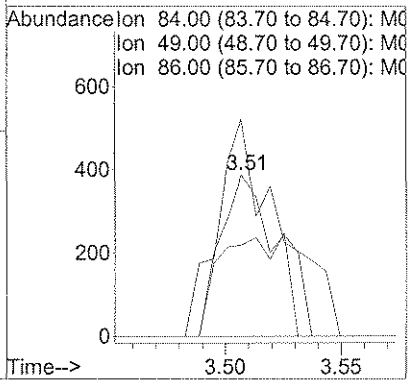




#18
Methylene Chloride
Concen: 0.44 ug/l
RT: 3.51 min Scan# 480
Delta R.T. 0.00 min
Lab File: M0411022.D
Acq: 11 Apr 2007 15:43

Tgt Ion: 84 Resp: 676

Ion	Ratio	Lower	Upper
84	100		
49	146.7	133.5	173.5
86	68.9	49.1	89.1



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411023.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 16:05

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.74	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411023.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 16:05

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411023.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 16:05

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

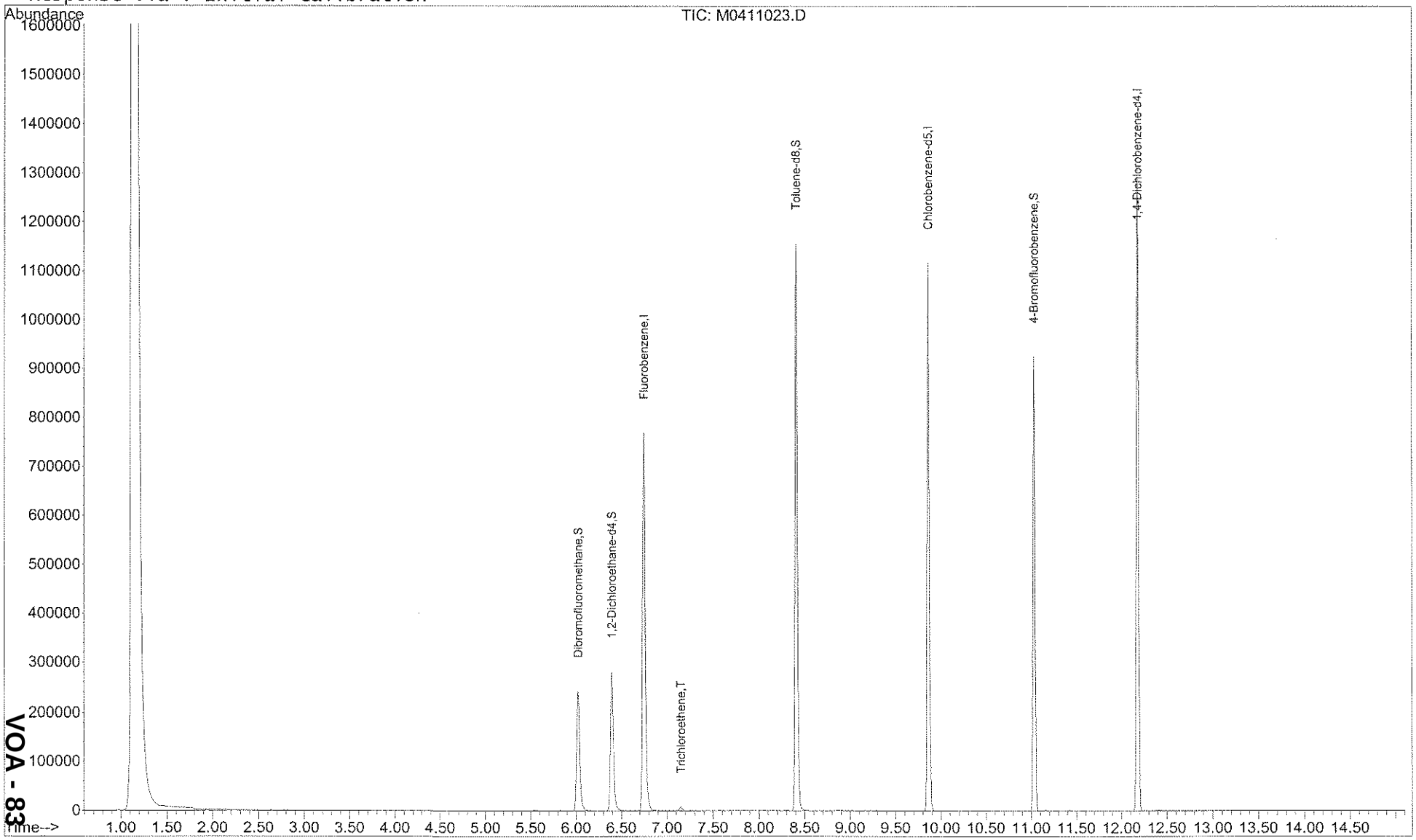
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411023.D Vial: 63
Acq On : 11 Apr 2007 16:05 Operator: DGA
Sample : JPL29-008 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:27 2007 Quant Results File: 524.RES

Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration



VOA - 83

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411023.D Vial: 63
Acq On : 11 Apr 2007 16:05 Operator: DGA
Sample : JPL29-008 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:27 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\040907\M0409012.D (9 Apr 2007 12:54)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.75	96	747512	50.00	ug/l	0.00 71.38%
50) Chlorobenzene-d5	9.86	82	316882	50.00	ug/l	0.00 69.95%
70) 1,4-Dichlorobenzene-d4	12.18	152	317907	50.00	ug/l	0.00 68.03%
System Monitoring Compounds						
33) Dibromofluoromethane	6.03	111	177758	49.98	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.96%			
37) 1,2-Dichloroethane-d4	6.40	65	217911	53.11	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.22%			
51) Toluene-d8	8.41	98	766236	52.02	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.04%			
72) 4-Bromofluorobenzene	11.03	95	264905	50.94	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 101.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.44	50	63	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	3.95	53	75	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27) 2-Butanone	0.00	43	0	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	5.84	83	935	N.D.		
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	6.42	78	332	N.D.		

(#) = qualifier out of range (m) = manual integration
M0411023.D 524.M Thu Apr 12 09:27:22 2007

Quantitation Report

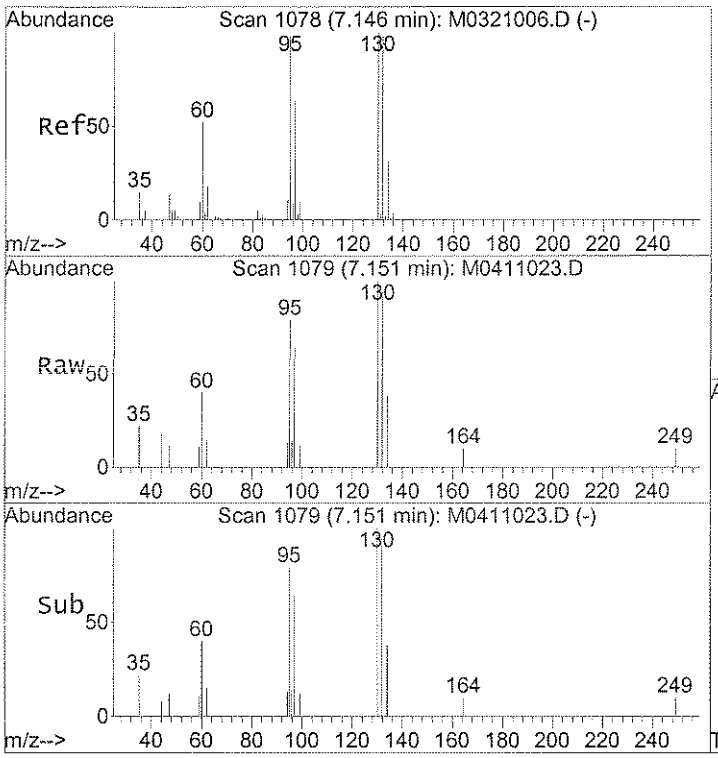
Data File : X:\MSVOA\MOBY\041107A\M0411023.D Vial: 63
Acq On : 11 Apr 2007 16:05 Operator: DGA
Sample : JPL29-008 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:27 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D.	
41)	Trichloroethene	7.15	130	2629	0.74 ug/l	86
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	0.00	83	0	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	8.48	92	223	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	8.78	69	63	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	9.02	166	349	N.D.	
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	0.00	112	0	N.D.	
62)	1-Chlorohexane	9.87	91	1150	N.D.	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	9.97	91	383	N.D.	
65)	m,p-Xylene	10.10	106	293	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	0.00	104	0	N.D. d	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	11.03	105	272	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	11.04	83	222	N.D.	
75)	1,2,3-Trichloropropane	11.03	110	90	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	4-Chlorotoluene	0.00	91	0	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D. d	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D. d	
84)	4-Isopropyltoluene	0.00	119	0	N.D. d	
85)	1,4-Dichlorobenzene	11.97	146	69	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	12.52	91	60	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

MJ 4/12/07

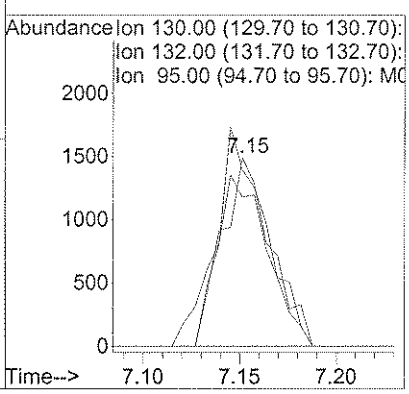
(#) = qualifier out of range (m) = manual integration
M0411023.D 524.M Thu Apr 12 09:27:22 2007



#41
Trichloroethene
Concen: 0.74 ug/l
RT: 7.15 min Scan# 1079
Delta R.T. 0.01 min
Lab File: M0411023.D
Acq: 11 Apr 2007 16:05

Tgt Ion:130 Resp: 2629

Ion	Ratio	Lower	Upper
130	100		
132	109.0	75.0	115.0
95	102.4	69.4	109.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411024.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/11/2007 16:28

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.93	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	2.4	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.2	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0411024.D

Level: (LOW/MED) _____ Date Collected: 03/29/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/11/2007 16:28

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.31	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-3

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL29

Run Sequence: R016814

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL29-009

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0411024.D

Level: (LOW/MED)

Date Collected: 03/29/2007

% Moisture: not dec.

Date/Time Analyzed: 04/11/2007 16:28

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

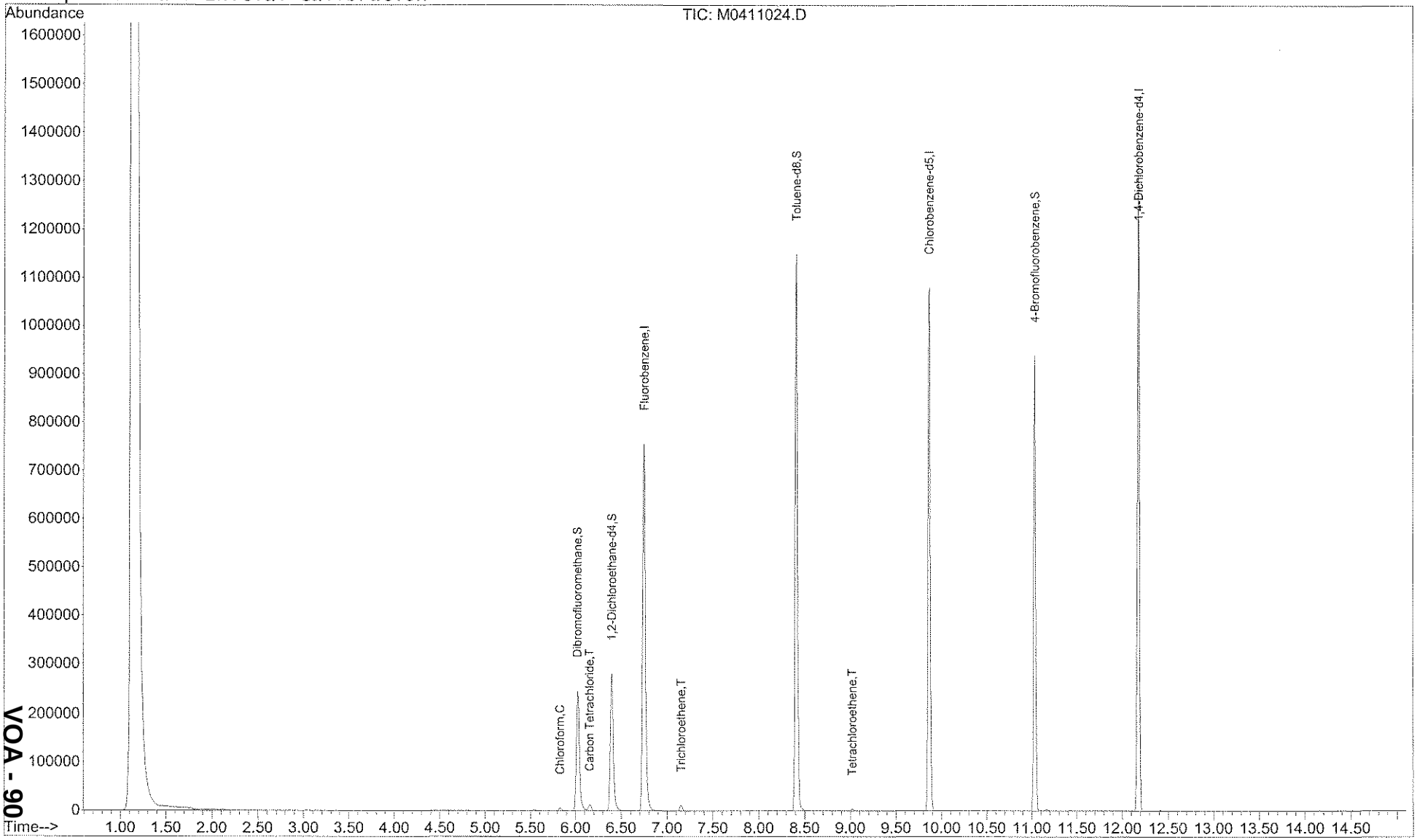
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411024.D Vial: 64
Acq On : 11 Apr 2007 16:28 Operator: DGA
Sample : JPL29-009 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:28 2007 Quant Results File: 524.RES

Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration



VOA - 90

Quantitation Report

Data File : X:\MSVOA\MOBY\041107A\M0411024.D Vial: 64
Acq On : 11 Apr 2007 16:28 Operator: DGA
Sample : JPL29-009 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:28 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\040907\M0409012.D (9 Apr 2007 12:54)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.75	96	757339	50.00	ug/l	0.00 72.32%
50) Chlorobenzene-d5	9.87	82	323016	50.00	ug/l	0.00 71.30%
70) 1,4-Dichlorobenzene-d4	12.18	152	317598	50.00	ug/l	0.00 67.96%
System Monitoring Compounds						
33) Dibromofluoromethane	6.02	111	179896	49.92	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.84%			
37) 1,2-Dichloroethane-d4	6.40	65	221938	53.39	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.78%			
51) Toluene-d8	8.41	98	769351	51.24	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 102.48%			
72) 4-Bromofluorobenzene	11.03	95	266804	51.36	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 102.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	2.98	43	56	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	4.57	63	827	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27) 2-Butanone	5.54	43	57	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	5.83	83	5597	0.93	ug/l	97
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	6.15	117	9544	2.39	ug/l	91
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	6.42	78	160	N.D.		

JW 4/12/07

(#) = qualifier out of range (m) = manual integration
M0411024.D 524.M Thu Apr 12 09:28:27 2007

Quantitation Report

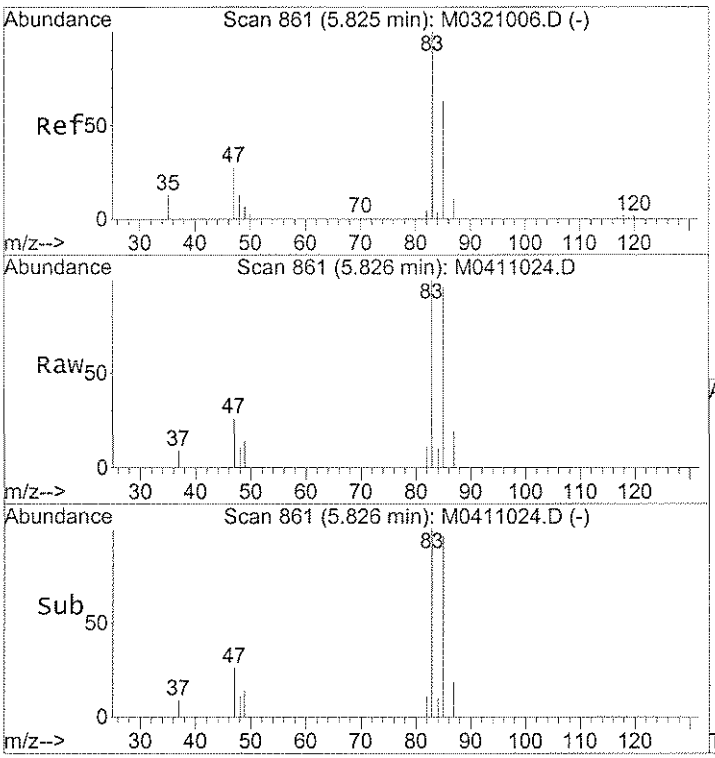
Data File : X:\MSVOA\MOBY\041107A\M0411024.D Vial: 64
Acq On : 11 Apr 2007 16:28 Operator: DGA
Sample : JPL29-009 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 12 9:28 2007 Quant Results File: 524.RES

Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Last Update : Tue Apr 10 10:47:40 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
39)	1,2-Dichloroethane	6.49	62	205	N.D.	
40)	Isobutanol	0.00	43	0	N.D.	
41)	Trichloroethene	7.15	130	4423	1.22 ug/l	96
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	7.72	83	213	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	8.47	92	390	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	9.02	166	1120	0.31 ug/l	89
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	0.00	112	0	N.D.	
62)	1-Chlorohexane	0.00	91	0	N.D. d	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	9.98	91	298	N.D.	
65)	m,p-Xylene	10.10	106	492	N.D.	
66)	o-xylene	10.50	106	55	N.D.	
67)	Styrene	0.00	104	0	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	11.03	105	382	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	11.03	83	88	N.D.	
75)	1,2,3-Trichloropropane	11.03	110	145	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	11.26	91	80	N.D.	
78)	4-Chlorotoluene	11.26	91	80	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D. d	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D. d	
84)	4-Isopropyltoluene	0.00	119	0	N.D. d	
85)	1,4-Dichlorobenzene	12.21	146	302	N.D.	
86)	1,2-Dichlorobenzene	12.58	146	316	N.D.	
87)	n-Butylbenzene	12.52	91	56	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D. d	
92)	1,2,3-Trichlorobenzene	14.65	180	380	N.D.	

LW 4/24/07

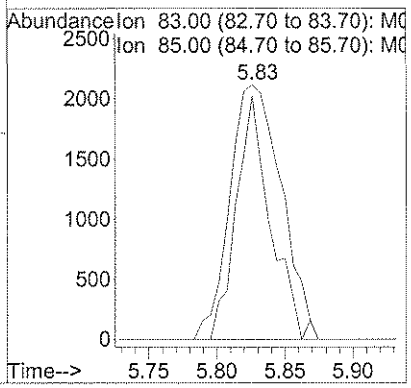
(#) = qualifier out of range (m) = manual integration
M0411024.D 524.M Thu Apr 12 09:28:27 2007

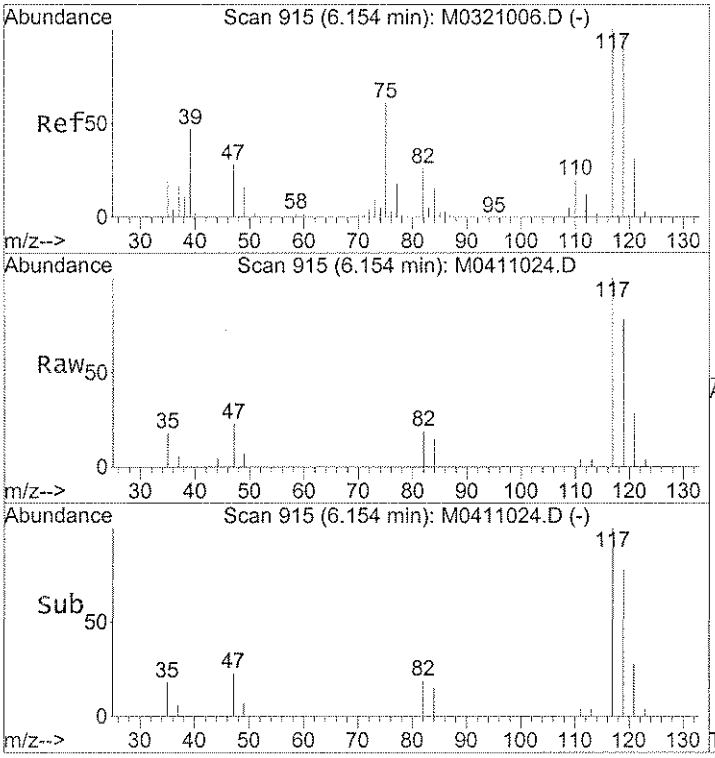


#31
Chloroform
Concen: 0.93 ug/l
RT: 5.83 min Scan# 861
Delta R.T. -0.00 min
Lab File: M0411024.D
Acq: 11 Apr 2007 16:28

Tgt Ion: 83 Resp: 5597

Ion	Ratio	Lower	Upper
83	100		
85	63.2	41.2	81.2

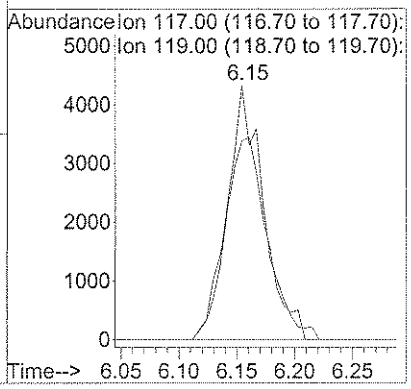


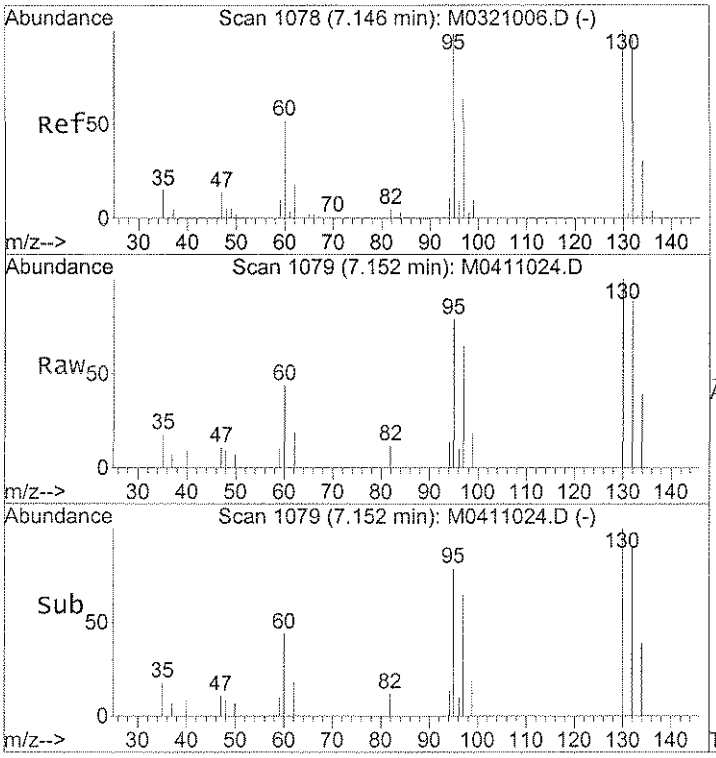


#35
Carbon Tetrachloride
Concen: 2.39 ug/l
RT: 6.15 min Scan# 915
Delta R.T. -0.00 min
Lab File: M0411024.D
Acq: 11 Apr 2007 16:28

Tgt Ion:117 Resp: 9544

Ion	Ratio	Lower	Upper
117	100		
119	89.2	78.2	118.2

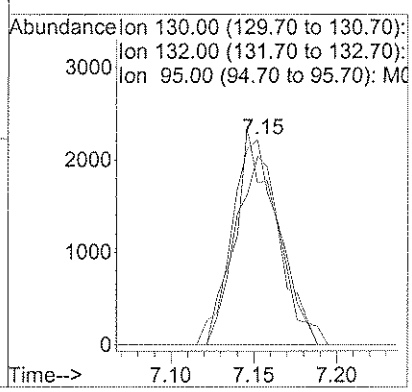


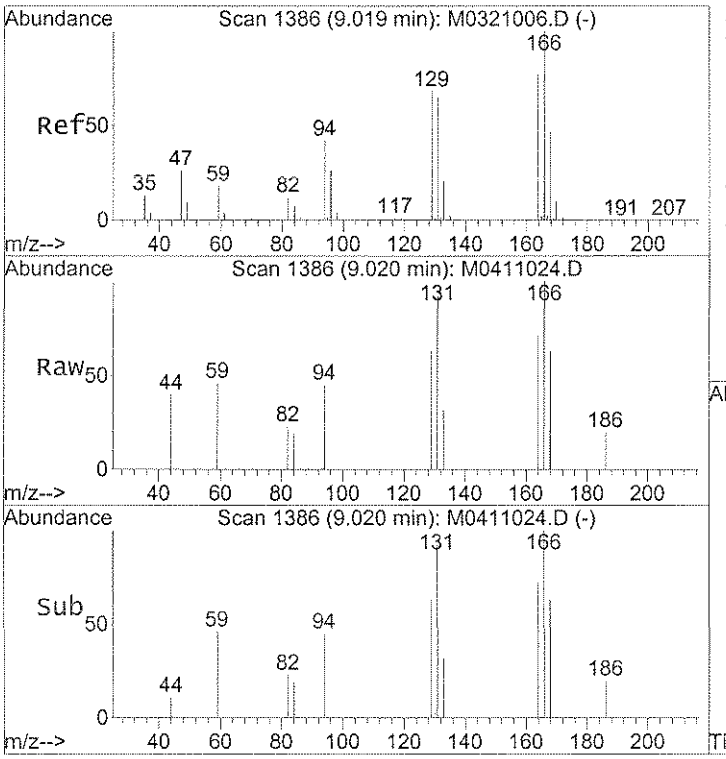


#41
Trichloroethene
Concen: 1.22 ug/l
RT: 7.15 min Scan# 1079
Delta R.T. 0.01 min
Lab File: M0411024.D
Acq: 11 Apr 2007 16:28

Tgt Ion:130 Resp: 4423

Ion	Ratio	Lower	Upper
130	100		
132	89.6	75.0	115.0
95	91.7	69.4	109.4

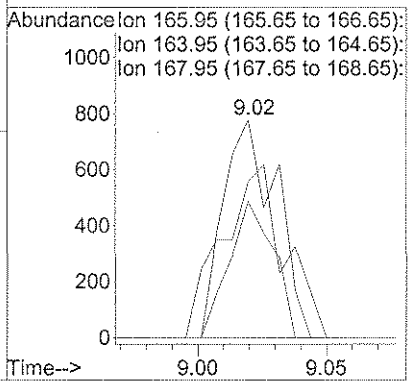




#56
Tetrachloroethene
Concen: 0.31 ug/l
RT: 9.02 min Scan# 1386
Delta R.T. -0.00 min
Lab File: M0411024.D
Acq: 11 Apr 2007 16:28

Tgt Ion:166 Resp: 1120

Ion	Ratio	Lower	Upper
166	100		
164	92.6	63.3	94.9
168	52.2	39.6	59.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-010

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413013.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 11:12

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.27	J
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.60	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.3	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-010

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413013.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 11:12

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.74	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-010

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413013.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 11:12

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

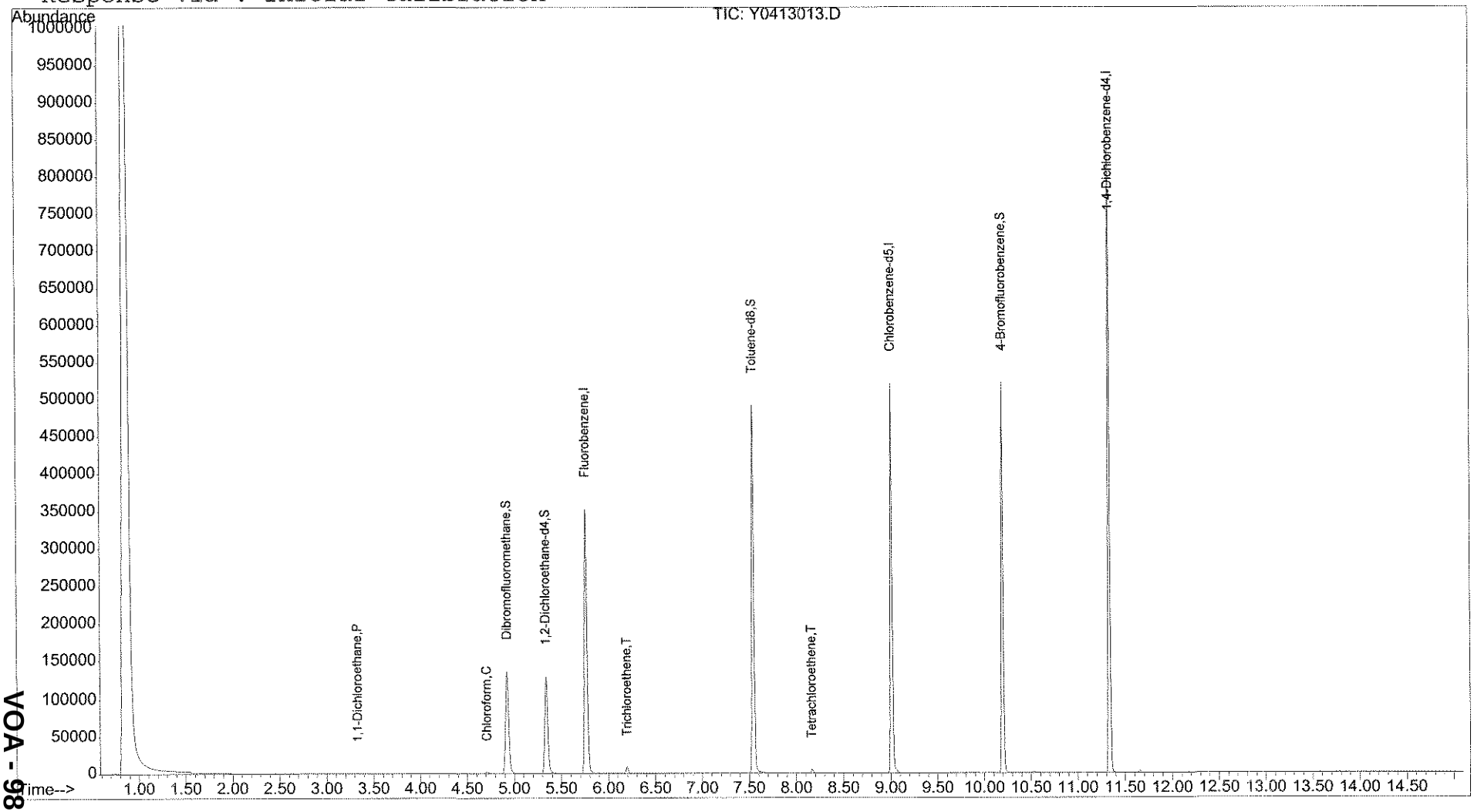
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413013.D Vial: 28
Acq On : 13 Apr 2007 11:12 Operator: LNH
Sample : JPL29-010 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 13:39 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 98

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\041307\Y0413013.D Vial: 28
Acq On : 13 Apr 2007 11:12 Operator: LNH
Sample : JPL29-010 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 13:39 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.76	96	324485	50.00	ug/l	0.00
50) Chlorobenzene-d5	9.01	82	135585	50.00	ug/l	0.00
70) 1,4-Dichlorobenzene-d4	11.34	152	183793	50.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	100614	51.25	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 102.50%			
37) 1,2-Dichloroethane-d4	5.34	65	103369	49.63	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.26%			
51) Toluene-d8	7.54	98	294173	54.67	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 109.34%			
72) 4-Bromofluorobenzene	10.20	95	137537	51.80	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	3.33	63	1231	0.27	ug/l #	60
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27) 2-Butanone	0.00	43	0	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		

MW 4/13/07

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

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\041307\Y0413013.D Vial: 28
Acq On : 13 Apr 2007 11:12 Operator: LNH
Sample : JPL29-010 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 13:39 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	Methacrylonitrile	0.00	41	0	N.D.	
31)	Chloroform	4.71	83	2491	0.60 ug/l	96
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	0.00	56	0	N.D.	
35)	Carbon Tetrachloride	5.11	117	710	N.D.	
36)	1,1-Dichloropropene	0.00	75	0	N.D.	
38)	Benzene	5.39	78	65	N.D.	
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D.	
41)	Trichloroethene	6.20	130	2996	1.31 ug/l	98
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	0.00	83	0	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	0.00	92	0	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	8.16	166	1384	0.74 ug/l	93
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	0.00	112	0	N.D.	
62)	1-Chlorohexane	9.01	91	416	N.D.	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	9.17	91	63	N.D.	
65)	m,p-Xylene	0.00	106	0	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	0.00	104	0	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.19	105	54	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	

LW 4/13/07

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

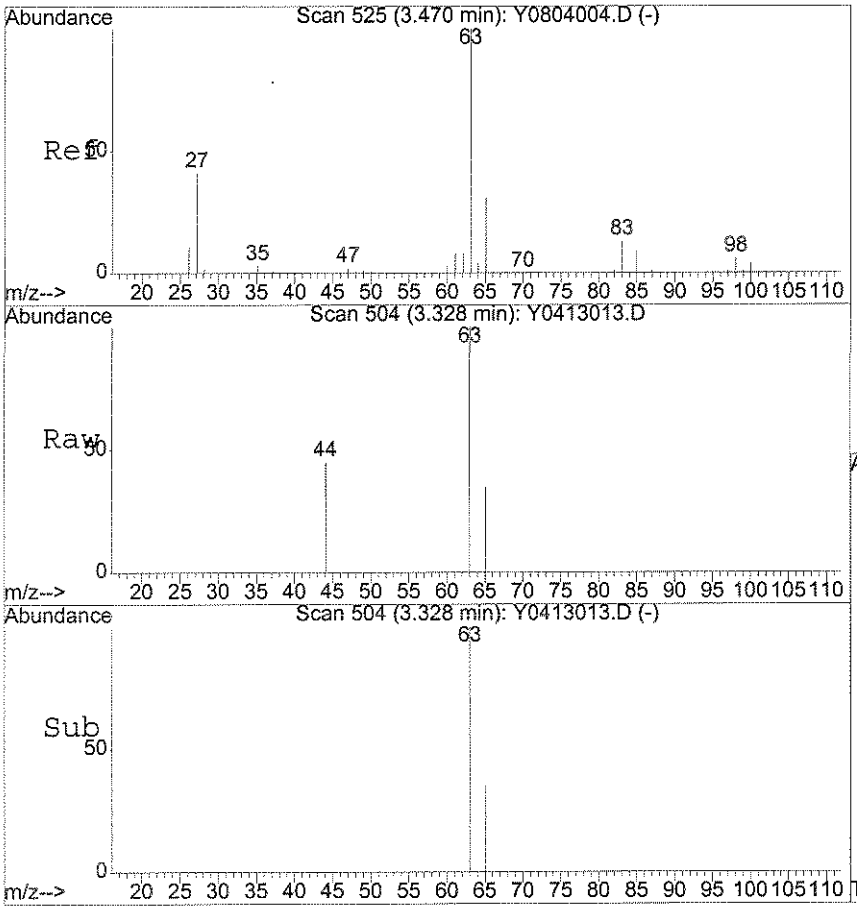
Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\041307\Y0413013.D Vial: 28
Acq On : 13 Apr 2007 11:12 Operator: LNH
Sample : JPL29-010 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 13:39 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
77)	2-Chlorotoluene	10.47	91	233	N.D.	
78)	4-Chlorotoluene	10.64	91	62	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	60	N.D.	
82)	sec-butylbenzene	11.18	105	121	N.D.	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
84)	4-Isopropyltoluene	11.34	119	327	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	11.74	91	203	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	13.79	180	213	N.D.	

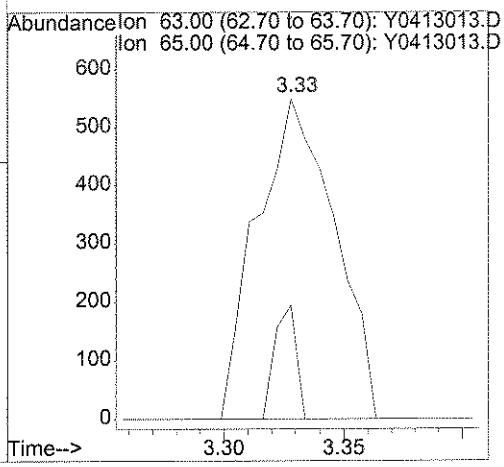
(#) = qualifier out of range (m) = manual integration

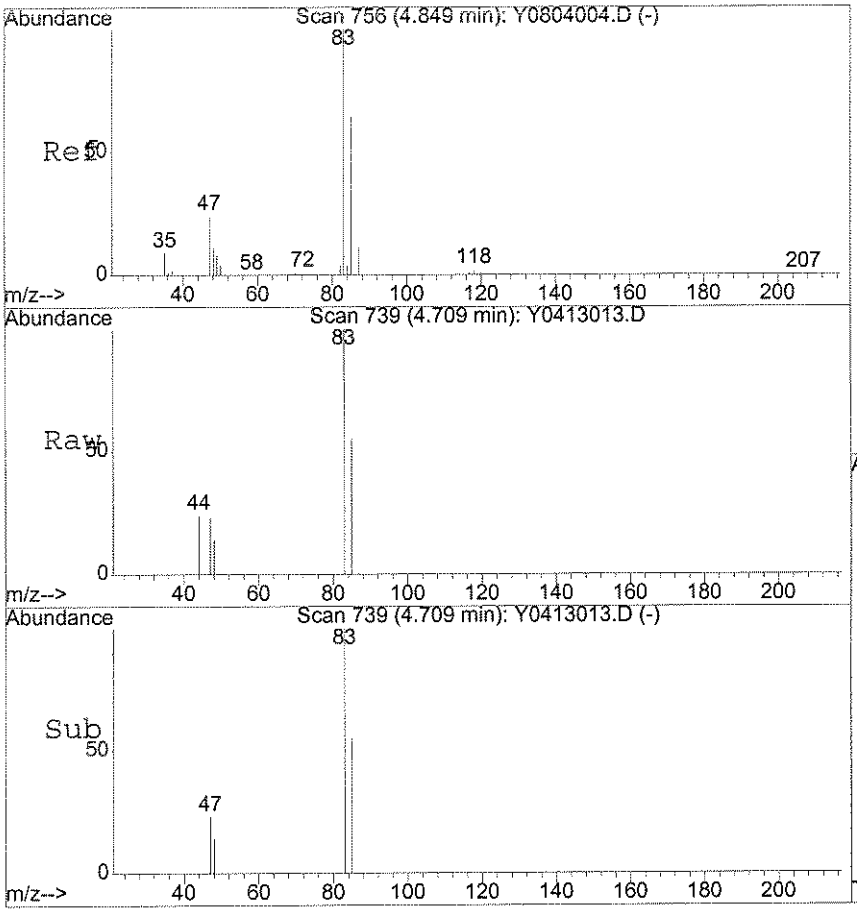


#22
1,1-Dichloroethane
Concen: 0.27 ug/l
RT: 3.33 min Scan# 504
Delta R.T. 0.01 min
Lab File: Y0413013.D
Acq: 13 Apr 2007 11:12

Tgt Ion: 63 Resp: 1231

Ion	Ratio	Lower	Upper
63	100		
65	10.1	12.3	52.3#

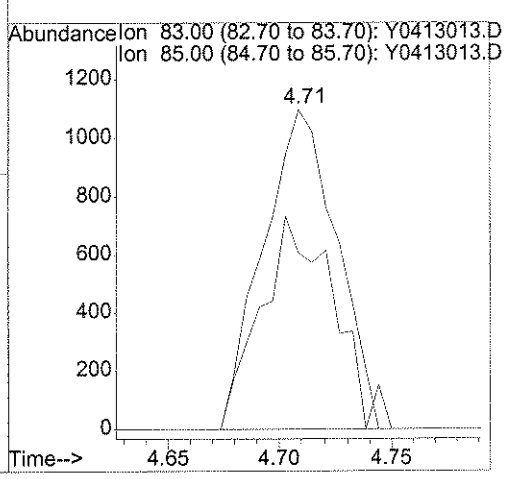


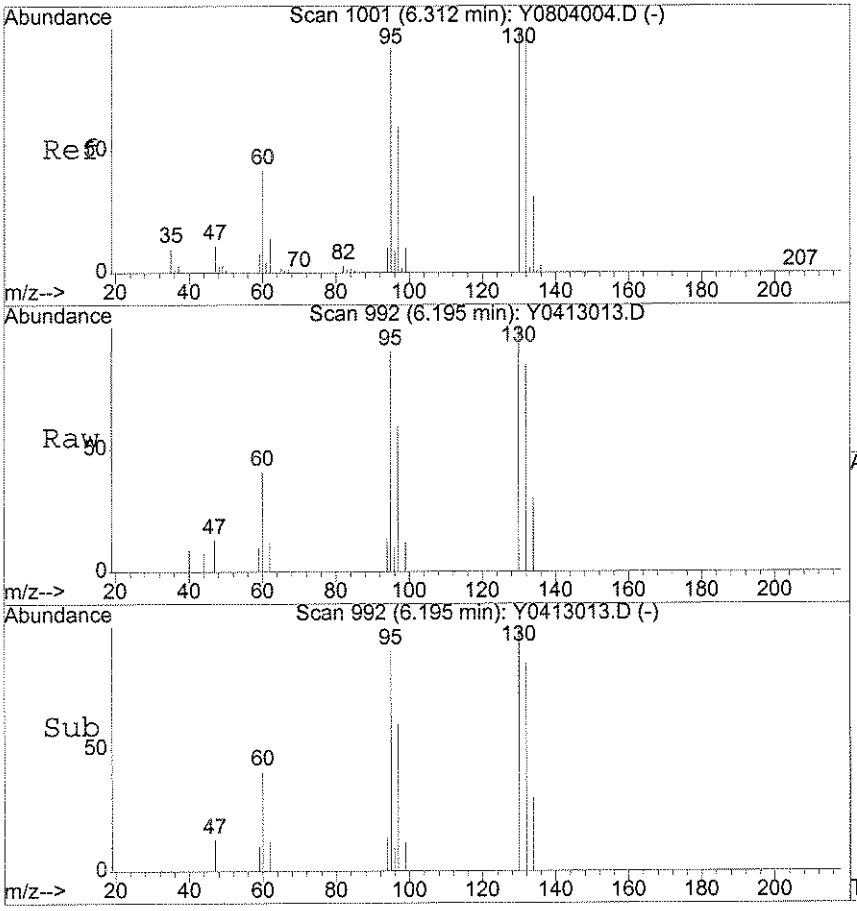


#31
Chloroform
Concen: 0.60 ug/l
RT: 4.71 min Scan# 739
Delta R.T. 0.01 min
Lab File: Y0413013.D
Acq: 13 Apr 2007 11:12

Tgt Ion: 83 Resp: 2491

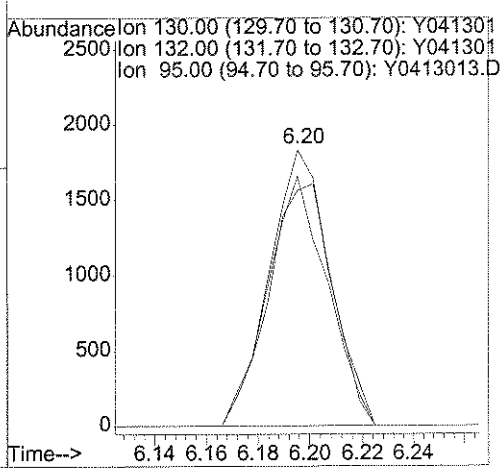
Ion	Ratio	Lower	Upper
83	100		
85	66.2	43.3	83.3

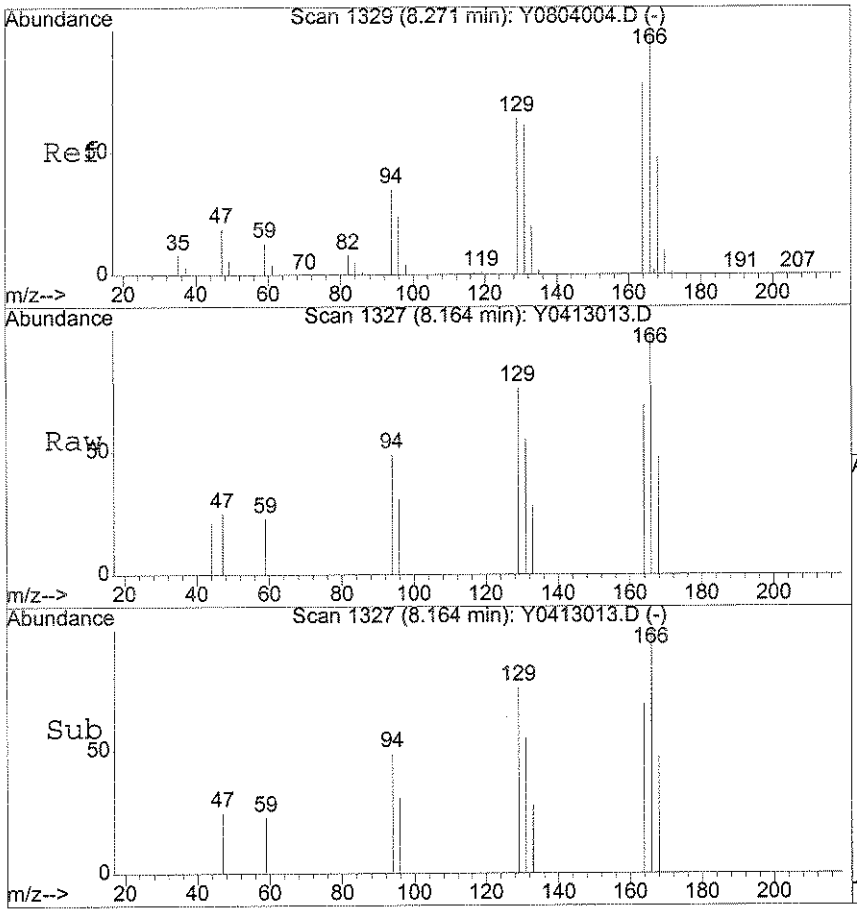




#41
Trichloroethene
Concen: 1.31 ug/l
RT: 6.20 min Scan# 992
Delta R.T. 0.01 min
Lab File: Y0413013.D
Acq: 13 Apr 2007 11:12

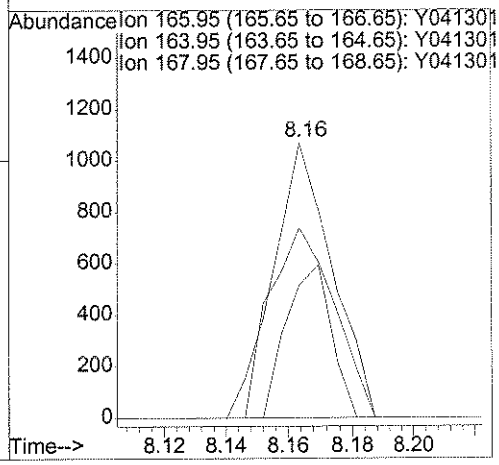
Tgt Ion:130	Resp:	2996	
Ion	Ratio	Lower	Upper
130	100		
132	91.9	75.0	115.0
95	88.2	69.4	109.4





#56
Tetrachloroethene
Concen: 0.74 ug/l
RT: 8.16 min Scan# 1327
Delta R.T. -0.00 min
Lab File: Y0413013.D
Acq: 13 Apr 2007 11:12

Tgt Ion:166	Resp:	1384	
Ion	Ratio	Lower	Upper
166	100		
164	75.4	63.3	94.9
168	42.1	39.6	59.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-1-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412024.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 15:29

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.59	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.4	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-1-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412024.D

Level: (LOW/MED) _____ Date Collected: 03/29/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/12/2007 15:29

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.75	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-1-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412024.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 15:29

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

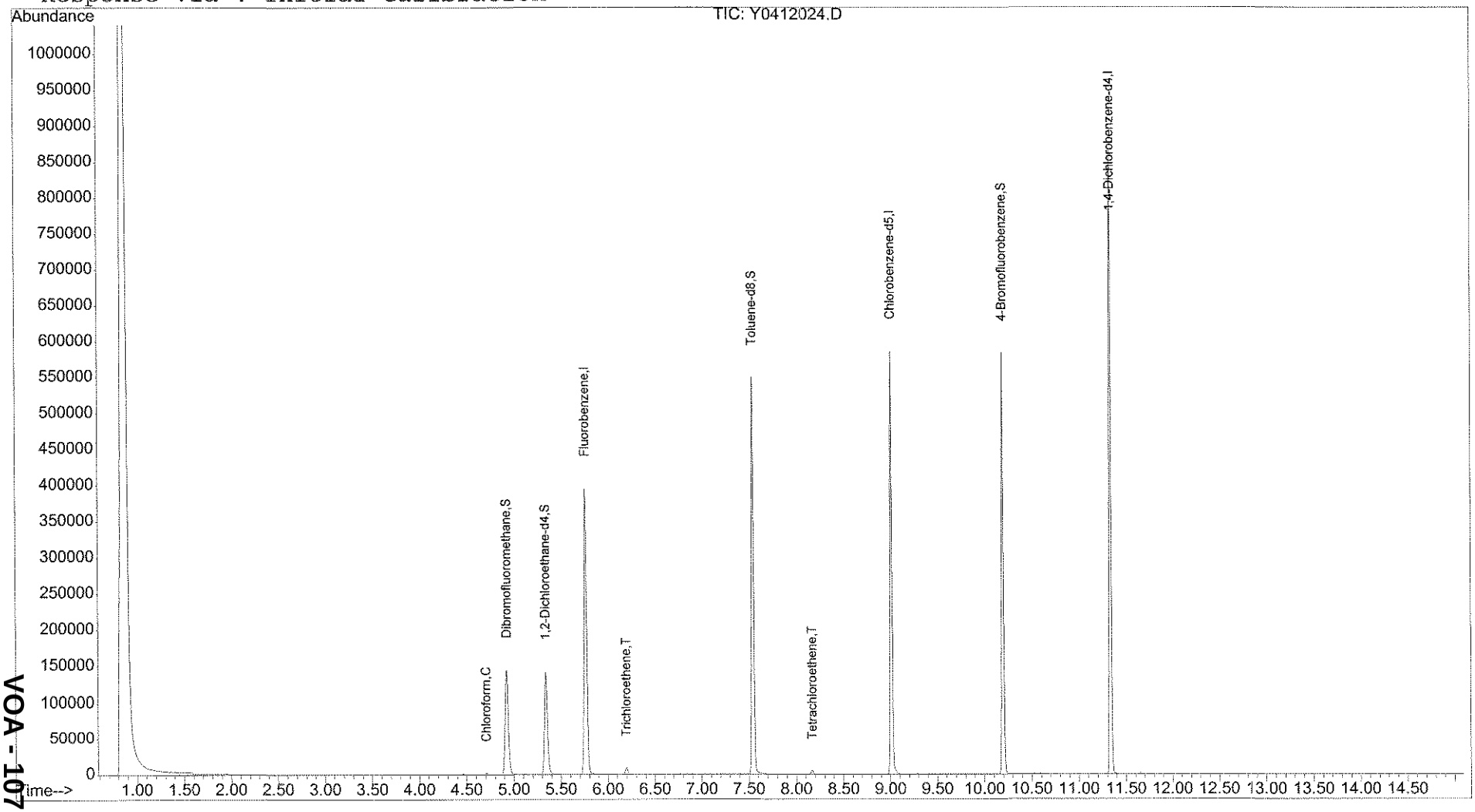
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412024.D Vial: 32
Acq On : 12 Apr 2007 15:29 Operator: LPM
Sample : JPL29-011 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:04 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 107

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412024.D Vial: 32
Acq On : 12 Apr 2007 15:29 Operator: LPM
Sample : JPL29-011 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:04 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : File name for IS QA unknown

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	361916	50.00 ug/l	0.00 NA%
50) Chlorobenzene-d5	9.01	82	150312	50.00 ug/l	0.00 NA%
70) 1,4-Dichlorobenzene-d4	11.34	152	193608	50.00 ug/l	0.00 NA%
System Monitoring Compounds					
33) Dibromofluoromethane	4.93	111	108417	49.51 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.02%		
37) 1,2-Dichloroethane-d4	5.34	65	113149	48.71 ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.42%		
51) Toluene-d8	7.54	98	333555	55.92 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 111.84%		
72) 4-Bromofluorobenzene	10.20	95	152240	54.43 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	96	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	0.00	56	0	N.D.	
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	0.00	43	0	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	0.00	76	0	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	40	0	N.D.	d
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	0.00	84	0	N.D.	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
20) Acrylonitrile	0.00	53	0	N.D.	
21) Methyl tert-butyl ether	0.00	73	0	N.D.	
22) 1,1-Dichloroethane	3.33	63	1177	N.D.	
23) Vinyl acetate	0.00	43	0	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412024.D Vial: 32
Acq On : 12 Apr 2007 15:29 Operator: LPM
Sample : JPL29-011 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:04 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	Chloroprene	0.00	53	0	N.D.			
25)	2,2-Dichloropropane	0.00	77	0	N.D.			
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.			
27)	2-Butanone	0.00	43	0	N.D.			
28)	Propionitrile	0.00	54	0	N.D.			
29)	Bromochloromethane	0.00	128	0	N.D.			
30)	Methacrylonitrile	0.00	41	0	N.D.			
31)	Chloroform	4.70	83	2733	0.59	ug/l		98
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.			
34)	Cyclohexane	0.00	56	0	N.D.			
35)	Carbon Tetrachloride	5.12	117	537	N.D.			
36)	1,1-Dichloropropene	0.00	75	0	N.D.			
38)	Benzene	5.38	78	56	N.D.			
39)	1,2-Dichloroethane	0.00	62	0	N.D.			
40)	Isobutanol	0.00	43	0	N.D.			
41)	Trichloroethene	6.20	130	3476	1.36	ug/l		96
42)	Methylcyclohexane	0.00	83	0	N.D.			
43)	1,2-Dichloropropane	0.00	63	0	N.D.			
44)	Dibromomethane	0.00	93	0	N.D.			
45)	Methyl methacrylate	0.00	41	0	N.D.			
46)	Bromodichloromethane	0.00	83	0	N.D.			
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.			
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.			
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d	
52)	Toluene	0.00	92	0	N.D.			
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.			
54)	Ethyl methacrylate	0.00	69	0	N.D.			
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.			
56)	Tetrachloroethene	8.16	166	1561	0.75	ug/l		97
57)	1,3-Dichloropropane	0.00	76	0	N.D.			
58)	2-Hexanone	0.00	43	0	N.D.			
59)	Dibromochloromethane	0.00	129	0	N.D.			
60)	1,2-Dibromoethane	0.00	107	0	N.D.			
61)	Chlorobenzene	0.00	112	0	N.D.			
62)	1-Chlorohexane	9.01	91	450	N.D.			
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.			
64)	Ethylbenzene	9.16	91	53	N.D.			
65)	m,p-Xylene	9.30	106	220	N.D.			
66)	o-xylene	0.00	106	0	N.D.			
67)	Styrene	0.00	104	0	N.D.			
68)	Bromoform	0.00	173	0	N.D.			

4/13/07

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

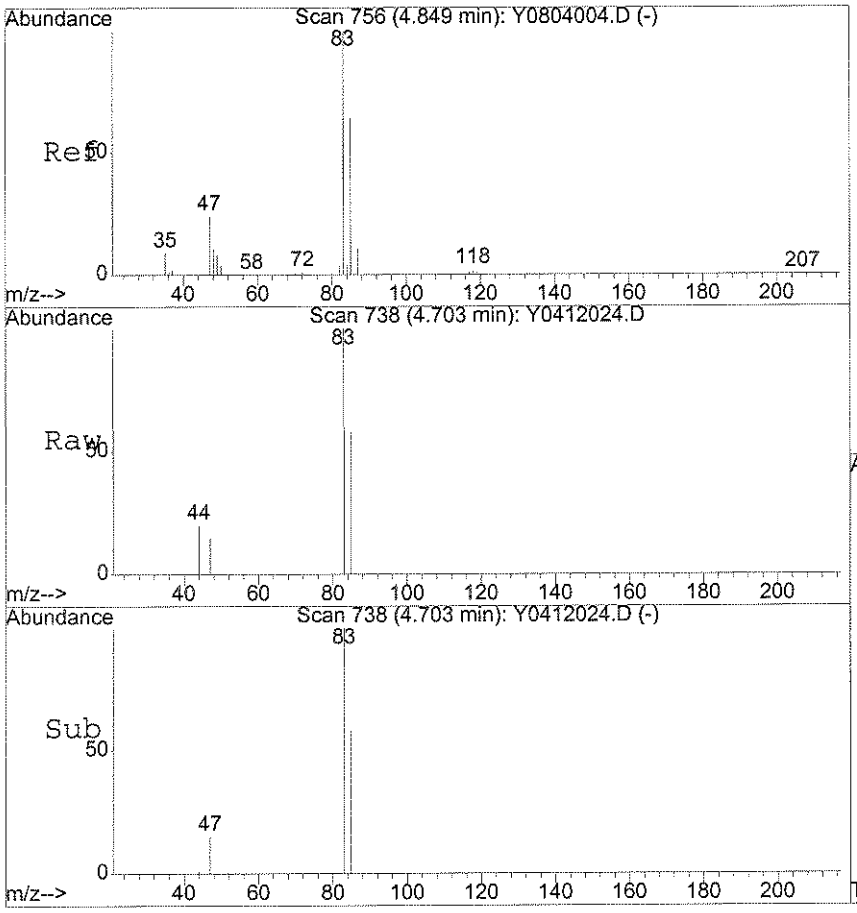
Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412024.D Vial: 32
Acq On : 12 Apr 2007 15:29 Operator: LPM
Sample : JPL29-011 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:04 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	10.20	105	65	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	10.53	91	62	N.D.		
78)	4-Chlorotoluene	10.64	91	61	N.D.		
79)	1,3,5-Trimethylbenzene	10.66	105	192	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.01	105	137	N.D.		
82)	sec-butylbenzene	11.18	105	303	N.D.		
83)	1,3-Dichlorobenzene	11.27	146	108	N.D.		
84)	4-Isopropyltoluene	11.33	119	481	N.D.		
85)	1,4-Dichlorobenzene	11.35	146	162	N.D.		
86)	1,2-Dichlorobenzene	11.72	146	58	N.D.		
87)	n-Butylbenzene	11.74	91	359	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	13.30	180	72	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	13.79	180	222	N.D.		

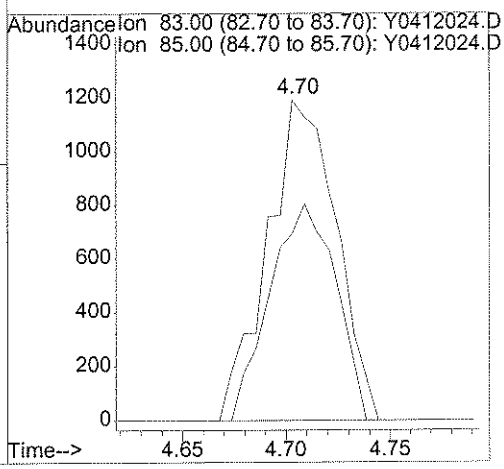
(#) = qualifier out of range (m) = manual integration

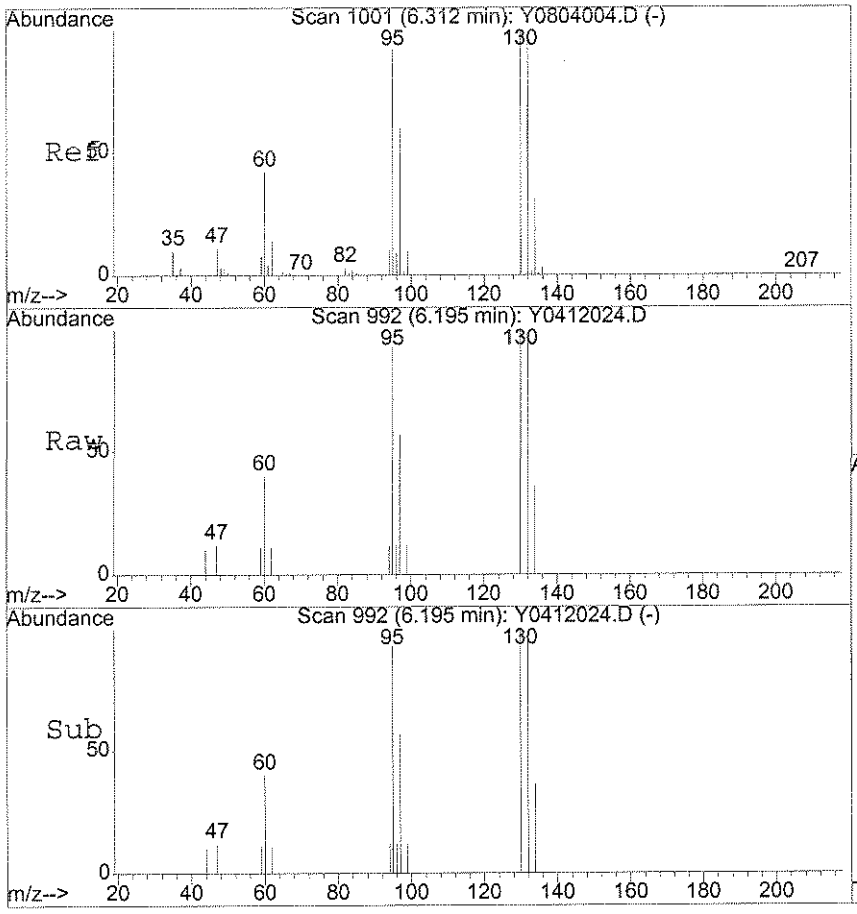


#31
Chloroform
Concen: 0.59 ug/l
RT: 4.70 min Scan# 738
Delta R.T. -0.00 min
Lab File: Y0412024.D
Acq: 12 Apr 2007 15:29

Tgt Ion: 83 Resp: 2733

Ion	Ratio	Lower	Upper
83	100		
85	64.7	43.3	83.3

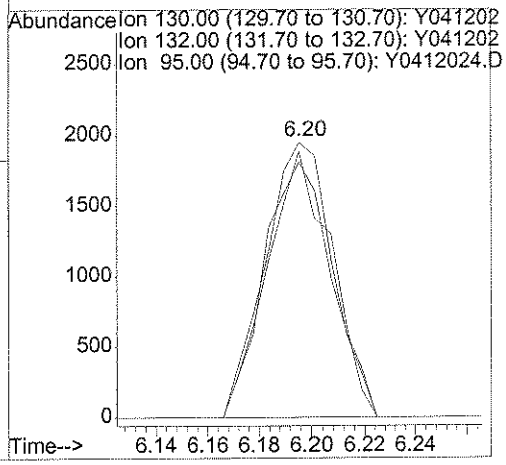


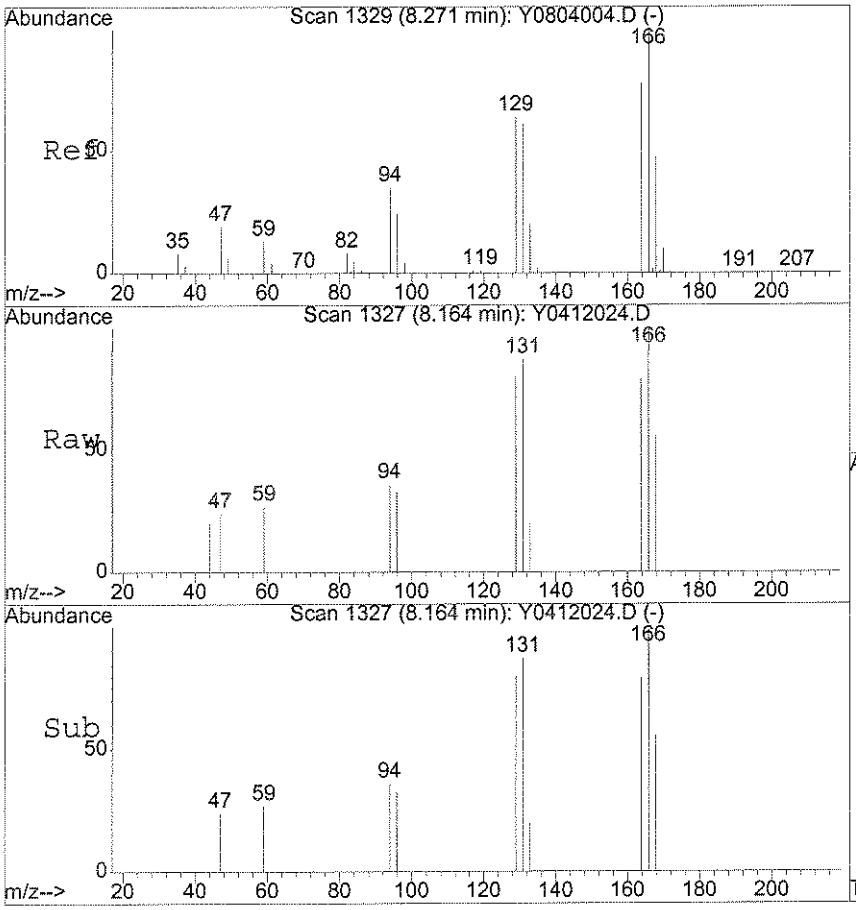


#41
Trichloroethene
Concen: 1.36 ug/l
RT: 6.20 min Scan# 992
Delta R.T. 0.01 min
Lab File: Y0412024.D
Acq: 12 Apr 2007 15:29

Tgt Ion:130 Resp: 3476

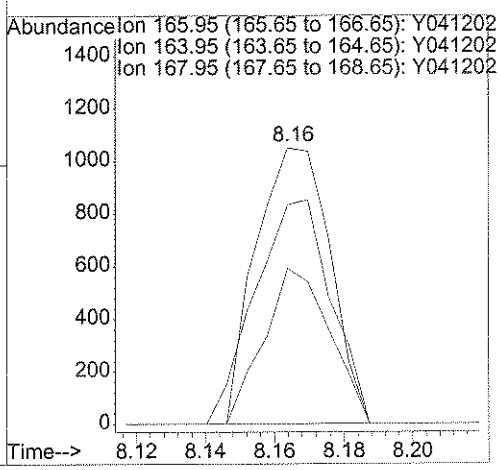
Ion	Ratio	Lower	Upper
130	100		
132	91.6	75.0	115.0
95	93.3	69.4	109.4





#56
Tetrachloroethene
Concen: 0.75 ug/l
RT: 8.16 min Scan# 1327
Delta R.T. -0.00 min
Lab File: Y0412024.D
Acq: 12 Apr 2007 15:29

Tgt Ion:166	Resp:	1561	
Ion	Ratio	Lower	Upper
166	100		
164	83.0	63.3	94.9
168	50.2	39.6	59.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-3-3/29/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412025.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 15:53

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-3-3/29/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412025.D

Level: (LOW/MED) _____ Date Collected: 03/29/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/12/2007 15:53

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	0.76	J
95-47-6	o-Xylene	0.28	J
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-3-3/29/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412025.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 15:53

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

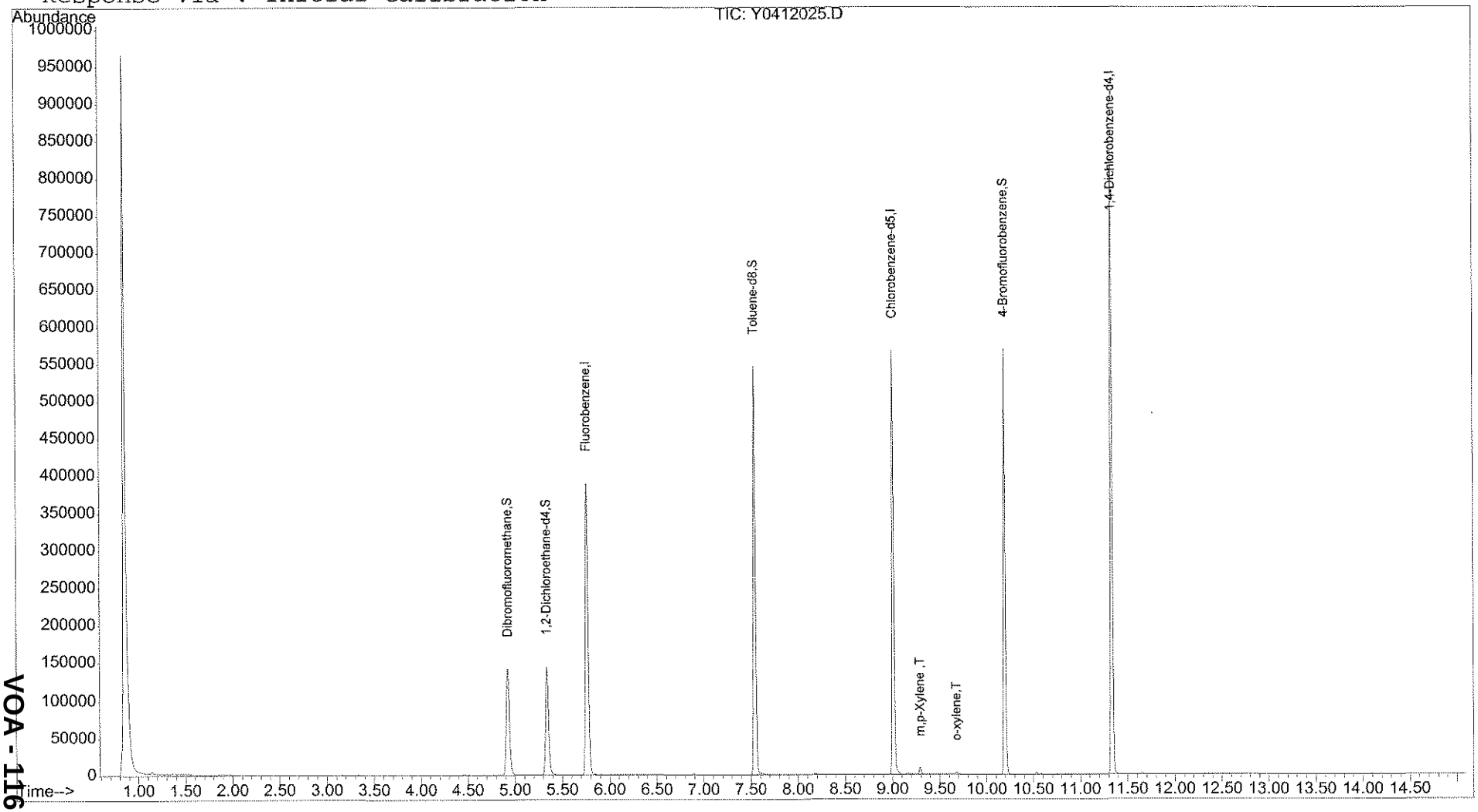
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412025.D Vial: 33
Acq On : 12 Apr 2007 15:53 Operator: LPM
Sample : JPL29-012 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:05 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 116

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412025.D Vial: 33
Acq On : 12 Apr 2007 15:53 Operator: LPM
Sample : JPL29-012 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:05 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : File name for IS QA unknown

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	367227	50.00	ug/l	0.00 NA%
50) Chlorobenzene-d5	9.01	82	143940	50.00	ug/l	0.00 NA%
70) 1,4-Dichlorobenzene-d4	11.34	152	190698	50.00	ug/l	0.00 NA%
System Monitoring Compounds						
33) Dibromofluoromethane	4.92	111	107711	48.48	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 96.96%			
37) 1,2-Dichloroethane-d4	5.34	65	113548	48.17	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.34%			
51) Toluene-d8	7.54	98	331184	57.98	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 115.96%			
72) 4-Bromofluorobenzene	10.20	95	145775	52.91	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412025.D Vial: 33
Acq On : 12 Apr 2007 15:53 Operator: LPM
Sample : JPL29-012 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:05 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	Chloroprene	0.00	53	0	N.D.			
25)	2,2-Dichloropropane	0.00	77	0	N.D.			
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.			
27)	2-Butanone	4.34	43	66	N.D.			
28)	Propionitrile	0.00	54	0	N.D.			
29)	Bromochloromethane	0.00	128	0	N.D.			
30)	Methacrylonitrile	0.00	41	0	N.D.			
31)	Chloroform	4.72	83	55	N.D.			
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.			
34)	Cyclohexane	0.00	56	0	N.D.			
35)	Carbon Tetrachloride	0.00	117	0	N.D.			
36)	1,1-Dichloropropene	0.00	75	0	N.D.			
38)	Benzene	5.40	78	59	N.D.			
39)	1,2-Dichloroethane	0.00	62	0	N.D.			
40)	Isobutanol	0.00	43	0	N.D.			
41)	Trichloroethene	0.00	130	0	N.D.			
42)	Methylcyclohexane	0.00	83	0	N.D.			
43)	1,2-Dichloropropane	0.00	63	0	N.D.			
44)	Dibromomethane	0.00	93	0	N.D.			
45)	Methyl methacrylate	0.00	41	0	N.D.			
46)	Bromodichloromethane	0.00	83	0	N.D.			
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.			
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.			
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d	
52)	Toluene	0.00	92	0	N.D.			
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.			
54)	Ethyl methacrylate	0.00	69	0	N.D.			
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.			
56)	Tetrachloroethene	0.00	166	0	N.D.			
57)	1,3-Dichloropropane	0.00	76	0	N.D.			
58)	2-Hexanone	0.00	43	0	N.D.			
59)	Dibromochloromethane	0.00	129	0	N.D.			
60)	1,2-Dibromoethane	0.00	107	0	N.D.			
61)	Chlorobenzene	0.00	112	0	N.D.			
62)	1-Chlorohexane	9.01	91	423	N.D.			
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.			
64)	Ethylbenzene	9.17	91	1820	N.D.			
65)	m,p-Xylene	9.29	106	2453	0.76	ug/l	✓	90
66)	o-xylene	9.68	106	892	0.28	ug/l	✓	98
67)	Styrene	0.00	104	0	N.D.			
68)	Bromoform	0.00	173	0	N.D.			

JNH 4/13/07

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

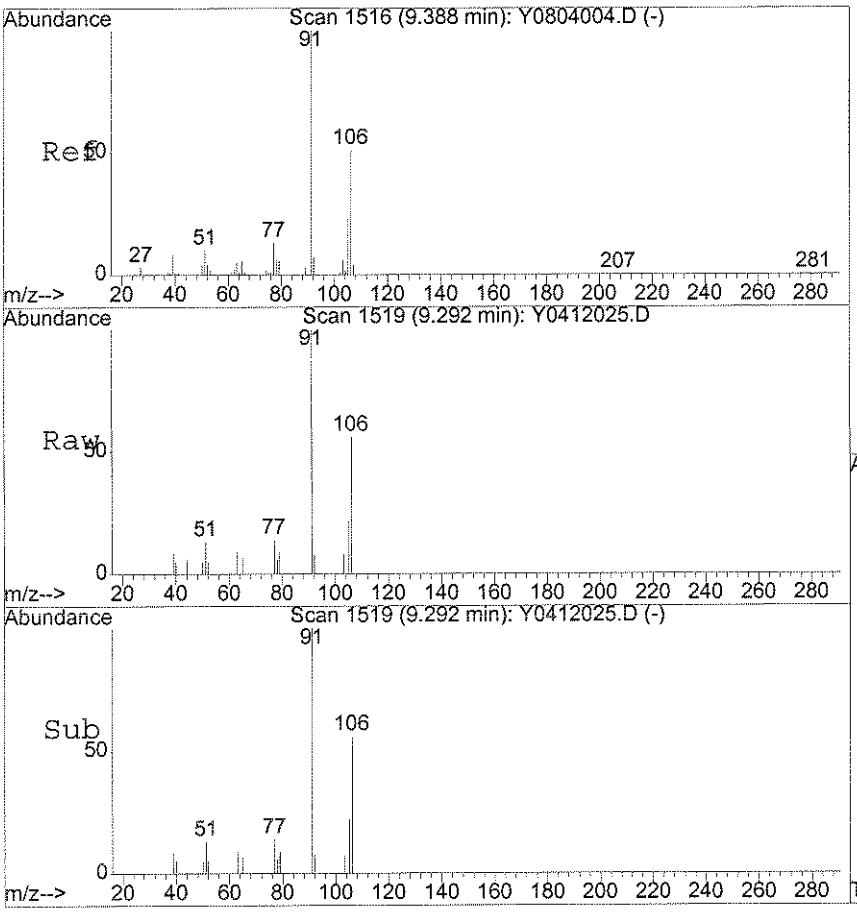
Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412025.D Vial: 33
Acq On : 12 Apr 2007 15:53 Operator: LPM
Sample : JPL29-012 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:05 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	0.00	105	0	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	10.46	91	183	N.D.	
78)	4-Chlorotoluene	10.46	91	183	N.D.	
79)	1,3,5-Trimethylbenzene	10.66	105	59	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	248	N.D.	
82)	sec-butylbenzene	11.18	105	251	N.D.	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
84)	4-Isopropyltoluene	11.34	119	350	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	11.74	91	390	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	13.55	128	336	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

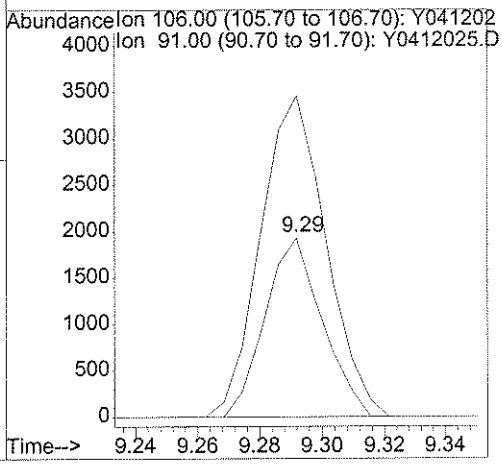
(#) = qualifier out of range (m) = manual integration

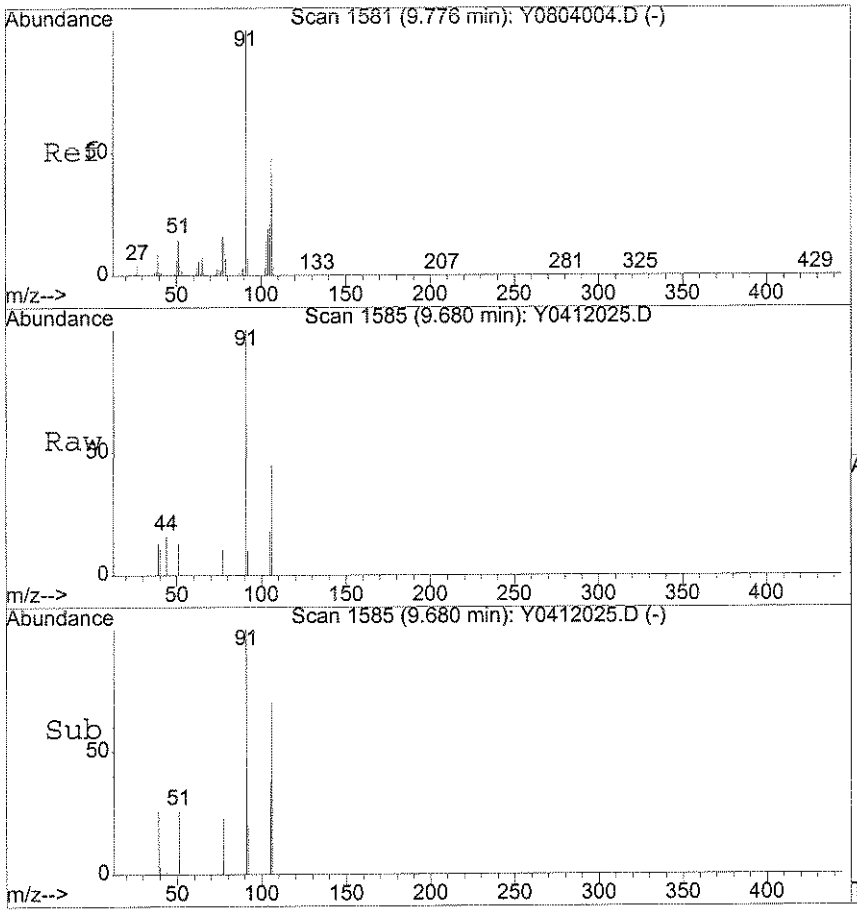


#65
m,p-Xylene
Concen: 0.76 ug/l
RT: 9.29 min Scan# 1519
Delta R.T. 0.00 min
Lab File: Y0412025.D
Acq: 12 Apr 2007 15:53

Tgt Ion:106 Resp: 2453

Ion	Ratio	Lower	Upper
106	100		
91	204.9	169.6	209.6

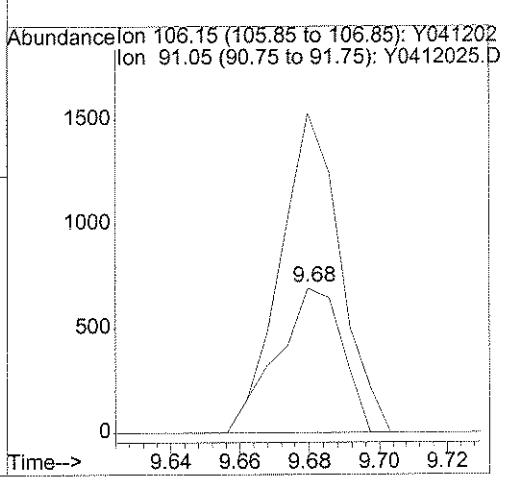




#66
o-xylene
Concen: 0.28 ug/l
RT: 9.68 min Scan# 1585
Delta R.T. 0.00 min
Lab File: Y0412025.D
Acq: 12 Apr 2007 15:53

Tgt Ion:106 Resp: 892

Ion	Ratio	Lower	Upper
106	100		
91	203.8	160.6	240.8



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-3-3/29/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412026.D

Level: (LOW/MED) _____ Date Collected: 03/29/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/12/2007 16:18

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-3-3/29/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412026.D

Level: (LOW/MED) _____ Date Collected: 03/29/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/12/2007 16:18

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-3-3/29/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412026.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 16:18

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

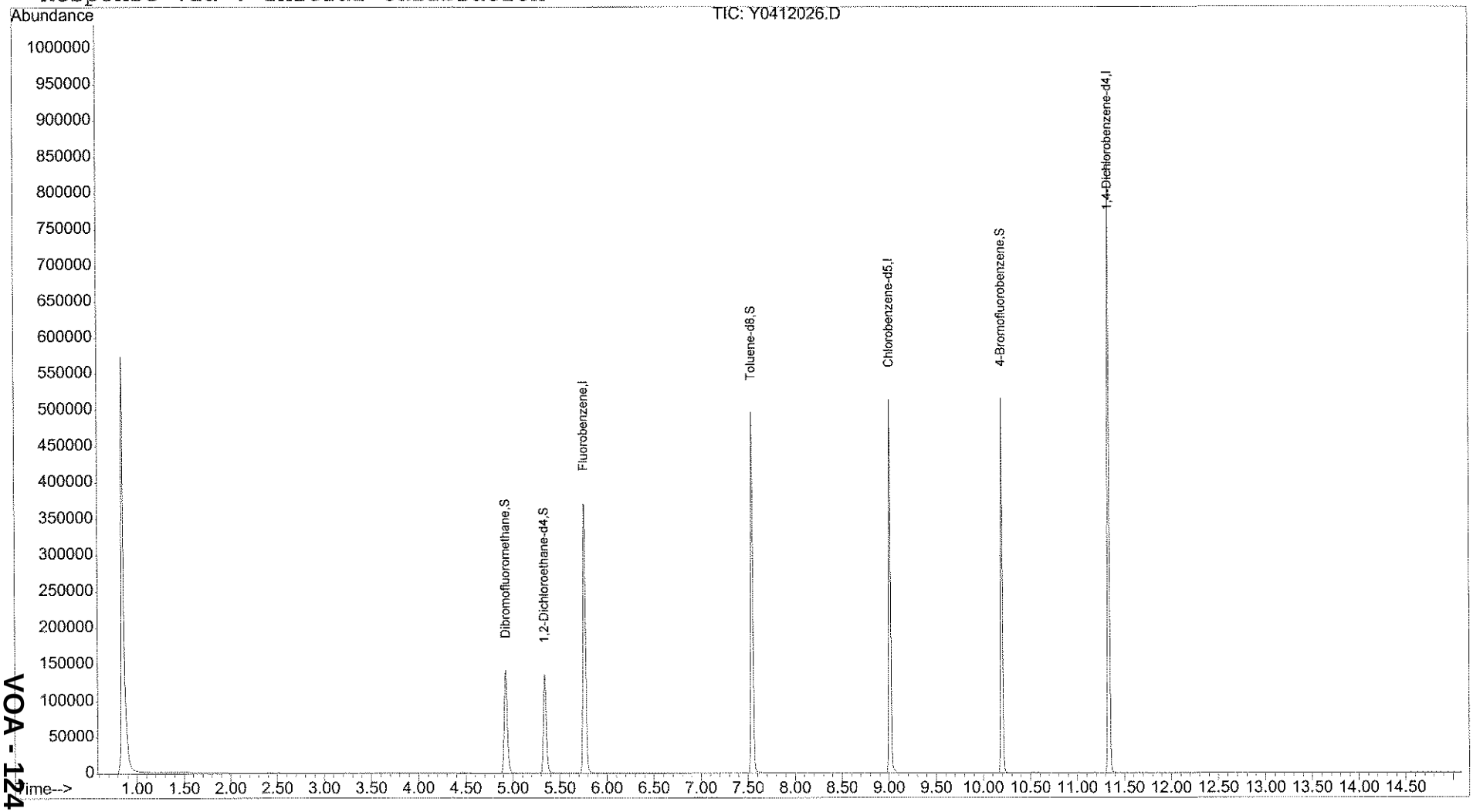
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412026.D Vial: 34
Acq On : 12 Apr 2007 16:18 Operator: LPM
Sample : JPL29-013 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:06 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 124

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412026.D Vial: 34
Acq On : 12 Apr 2007 16:18 Operator: LPM
Sample : JPL29-013 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:06 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : File name for IS QA unknown

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	339168	50.00	ug/l	0.00 NA%
50) Chlorobenzene-d5	9.01	82	132511	50.00	ug/l	0.00 NA%
70) 1,4-Dichlorobenzene-d4	11.34	152	185589	50.00	ug/l	0.00 NA%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	104242	50.80	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.60%			
37) 1,2-Dichloroethane-d4	5.34	65	106210	48.79	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.58%			
51) Toluene-d8	7.54	98	295958	56.28	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 112.56%			
72) 4-Bromofluorobenzene	10.20	95	136415	50.88	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	131	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.52	84	275	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412026.D Vial: 34
Acq On : 12 Apr 2007 16:18 Operator: LPM
Sample : JPL29-013 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:06 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	0.00	78	0	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	0.00	92	0	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	392	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.29	91	186	N.D.		
65)	m,p-Xylene	0.00	106	0	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412026.D Vial: 34
Acq On : 12 Apr 2007 16:18 Operator: LPM
Sample : JPL29-013 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:06 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	10.19	105	206	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	10.46	91	138	N.D.		
78)	4-Chlorotoluene	10.46	91	138	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.01	105	60	N.D.		
82)	sec-butylbenzene	11.18	105	72	N.D.		
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
84)	4-Isopropyltoluene	11.34	119	333	N.D.		
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	11.74	91	389	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	13.31	180	88	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412027.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 16:43

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412027.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 16:43

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412027.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 16:43

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

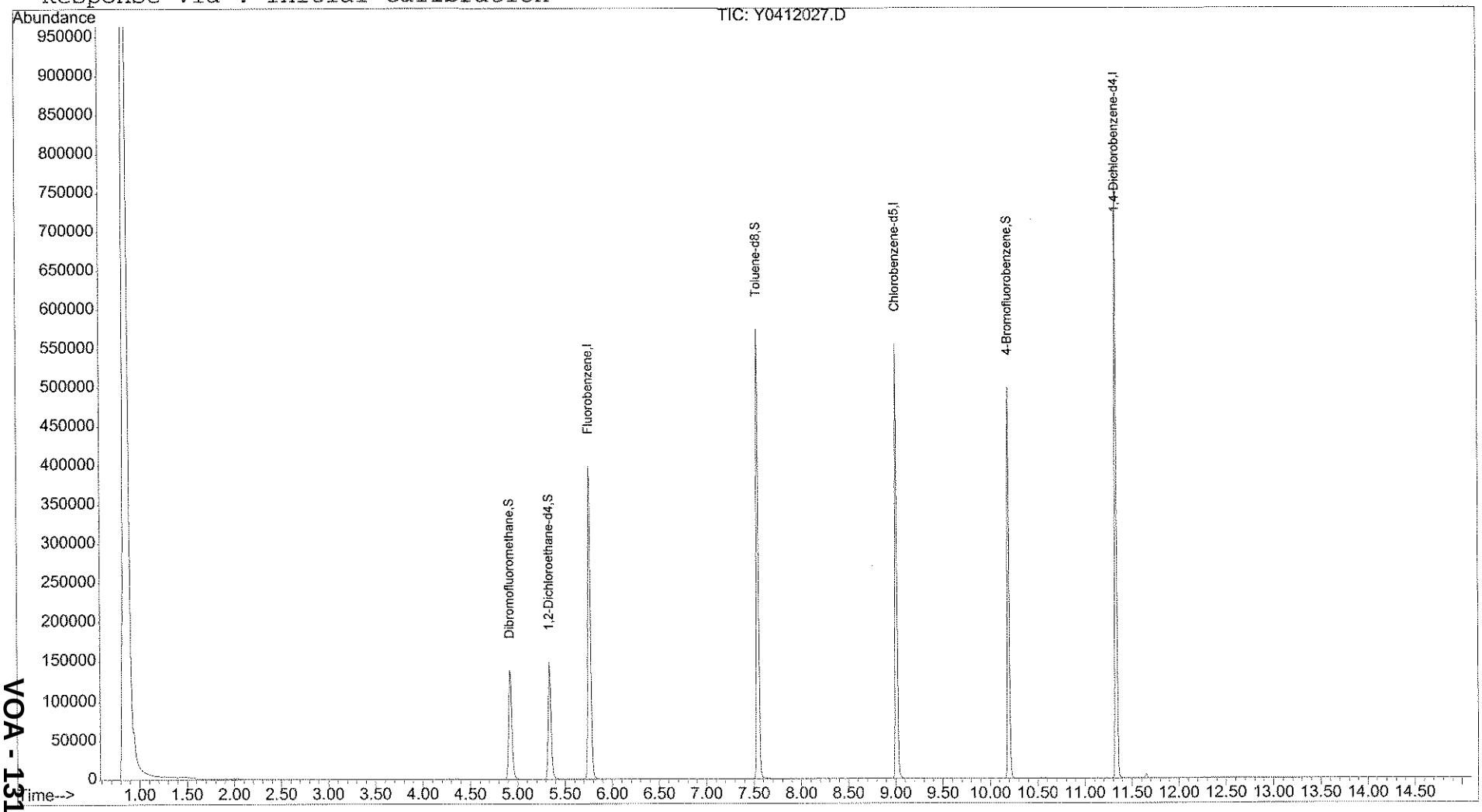
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412027.D Vial: 35
Acq On : 12 Apr 2007 16:43 Operator: LPM
Sample : JPL29-014 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:06 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 131

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412027.D Vial: 35
Acq On : 12 Apr 2007 16:43 Operator: LPM
Sample : JPL29-014 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:06 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : File name for IS QA unknown

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	373327	50.00	ug/l	0.00 NA%
50) Chlorobenzene-d5	9.01	82	138672	50.00	ug/l	0.00 NA%
70) 1,4-Dichlorobenzene-d4	11.34	152	176923	50.00	ug/l	0.00 NA%
System Monitoring Compounds						
33) Dibromofluoromethane	4.92	111	103300	45.73	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 91.46%			
37) 1,2-Dichloroethane-d4	5.34	65	114784	47.90	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.80%			
51) Toluene-d8	7.54	98	340974	61.96	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 123.92%#			
72) 4-Bromofluorobenzene	10.20	95	130663	51.12	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	133	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.	d	
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412027.D
Acq On : 12 Apr 2007 16:43
Sample : JPL29-014
Misc : 5mL+IS/SS #3
MS Integration Params: rteint.p
Quant Time: Apr 13 8:06 2007

Vial: 35
Operator: LPM
Inst : yoda
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	5.38	78	59	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	7.62	92	56	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	430	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.17	91	260	N.D.		
65)	m,p-Xylene	0.00	106	0	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	9.70	104	377	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412027.D Vial: 35
Acq On : 12 Apr 2007 16:43 Operator: LPM
Sample : JPL29-014 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:06 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	0.00	105	0	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	10.46	91	137	N.D.	
78)	4-Chlorotoluene	10.46	91	137	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	131	N.D.	
82)	sec-butylbenzene	11.18	105	71	N.D.	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
84)	4-Isopropyltoluene	11.34	119	316	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	11.74	91	339	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-015

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412028.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 17:08

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	1.6	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	7.1	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.1	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-015

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412028.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 17:08

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.55	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-015

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412028.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 17:08

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

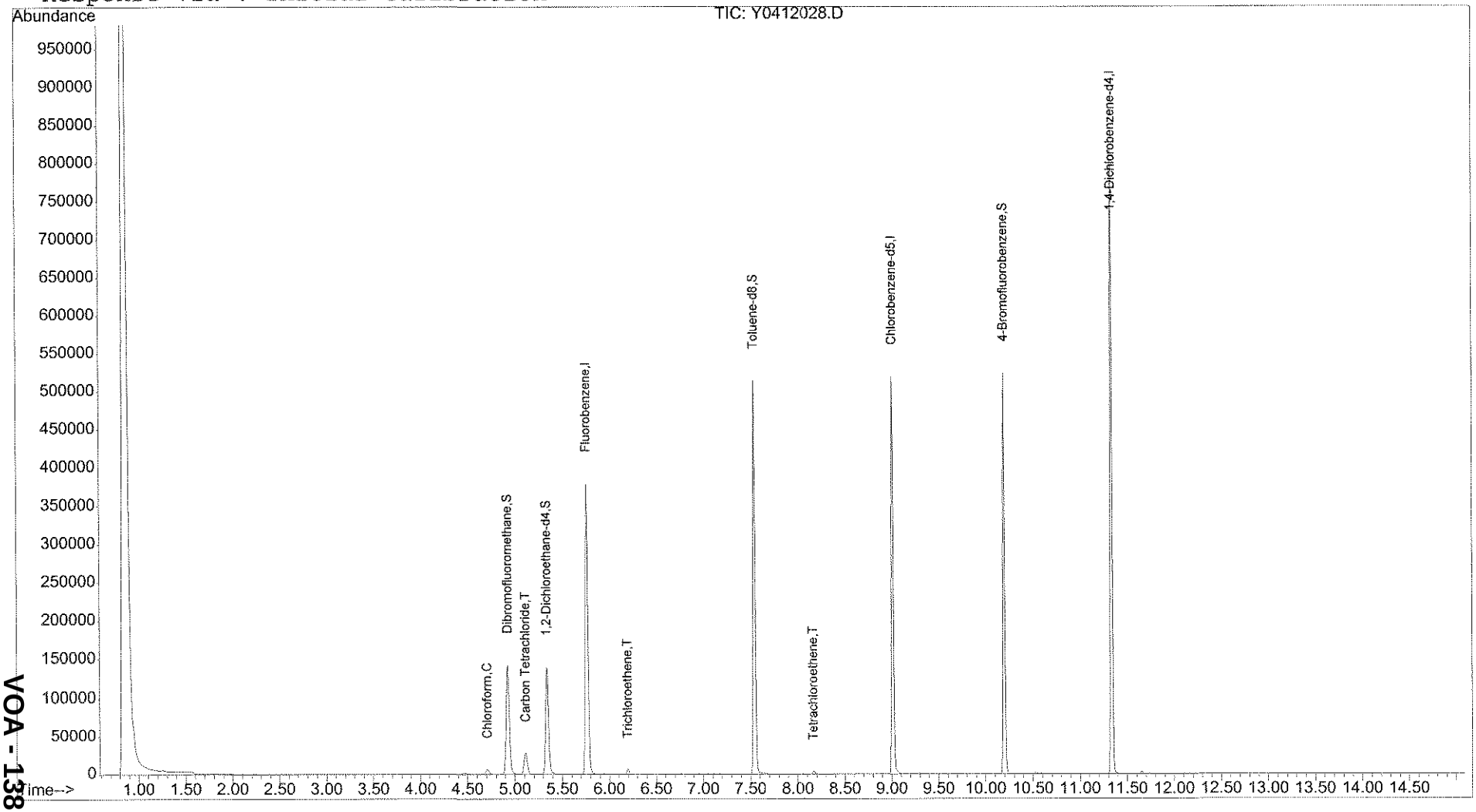
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412028.D Vial: 36
Acq On : 12 Apr 2007 17:08 Operator: LPM
Sample : JPL29-015 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:07 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412028.D Vial: 36
Acq On : 12 Apr 2007 17:08 Operator: LPM
Sample : JPL29-015 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:07 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : File name for IS QA unknown

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	348438	50.00	ug/l	0.00 NA%
50) Chlorobenzene-d5	9.01	82	132996	50.00	ug/l	0.00 NA%
70) 1,4-Dichlorobenzene-d4	11.34	152	182902	50.00	ug/l	0.00 NA%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	103762	49.22	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 98.44%			
37) 1,2-Dichloroethane-d4	5.34	65	108564	48.54	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.08%			
51) Toluene-d8	7.54	98	303162	57.44	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 114.88%			
72) 4-Bromofluorobenzene	10.20	95	135538	51.29	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.23	76	651	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412028.D Vial: 36
Acq On : 12 Apr 2007 17:08 Operator: LPM
Sample : JPL29-015 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:07 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	4.71	83	6995	1.56 ug/l	✓	99
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	5.11	117	22230	7.09 ug/l	✓	100
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	0.00	78	0	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	6.20	130	2590	1.06 ug/l	✓	96
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
52)	Toluene	7.61	92	217	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	8.16	166	1006	0.55 ug/l	✓	95
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	372	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.17	91	218	N.D.		
65)	m,p-Xylene	9.29	106	518	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

JRA 4/13/07

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

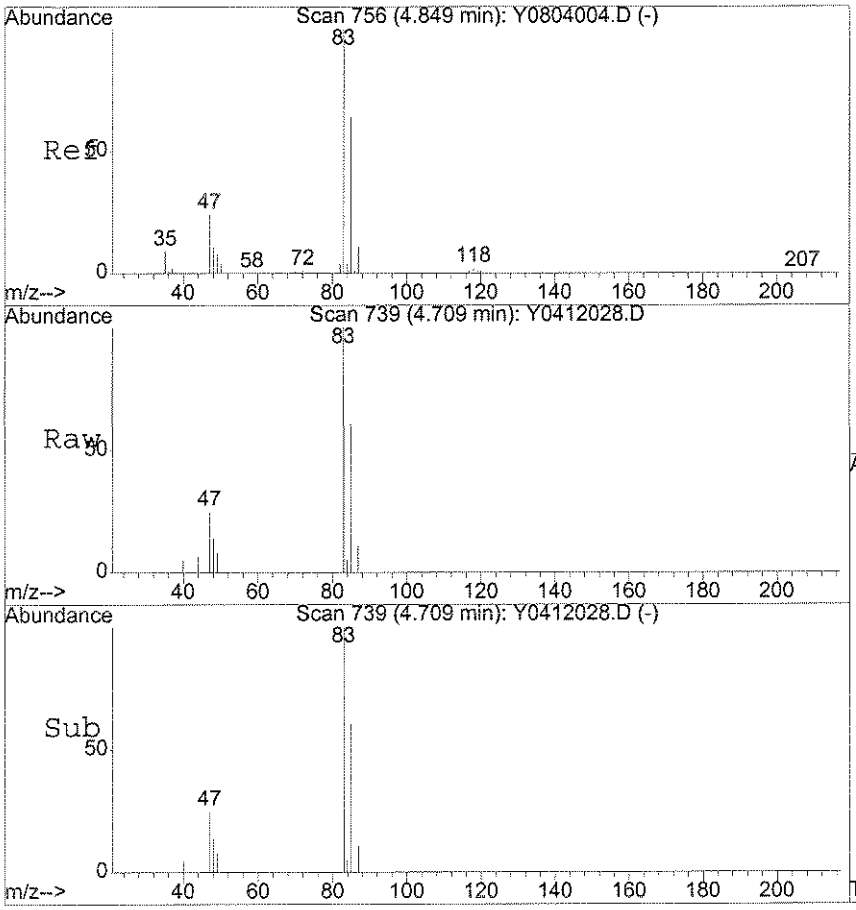
Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412028.D Vial: 36
Acq On : 12 Apr 2007 17:08 Operator: LPM
Sample : JPL29-015 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:07 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	0.00	105	0	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	10.47	91	132	N.D.	
78)	4-Chlorotoluene	10.47	91	132	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.18	105	54	N.D.	
82)	sec-butylbenzene	11.18	105	54	N.D.	
83)	1,3-Dichlorobenzene	11.36	146	59	N.D.	
84)	4-Isopropyltoluene	11.34	119	265	N.D.	
85)	1,4-Dichlorobenzene	11.36	146	59	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	11.74	91	280	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

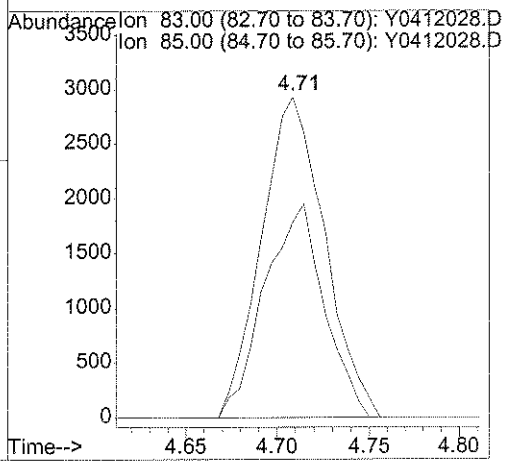
(#) = qualifier out of range (m) = manual integration

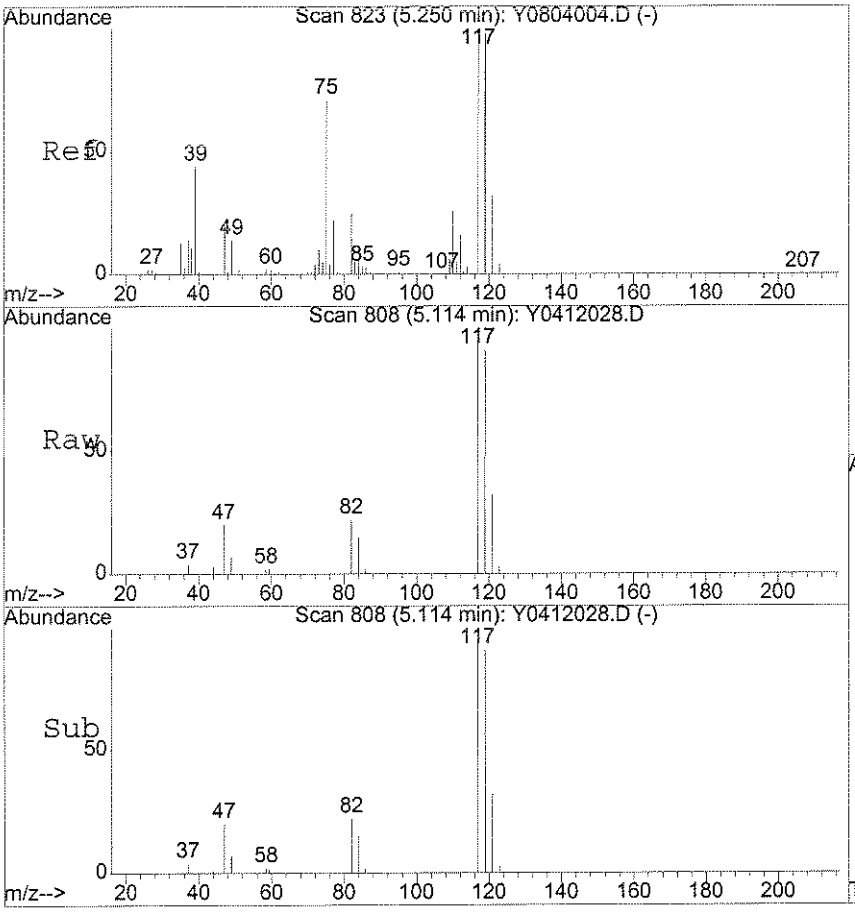


#31
Chloroform
Concen: 1.56 ug/l
RT: 4.71 min Scan# 739
Delta R.T. 0.01 min
Lab File: Y0412028.D
Acq: 12 Apr 2007 17:08

Tgt Ion: 83 Resp: 6995

Ion	Ratio	Lower	Upper
83	100		
85	62.7	43.3	83.3

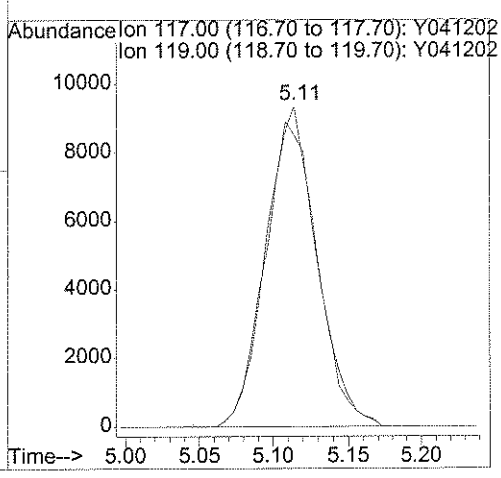


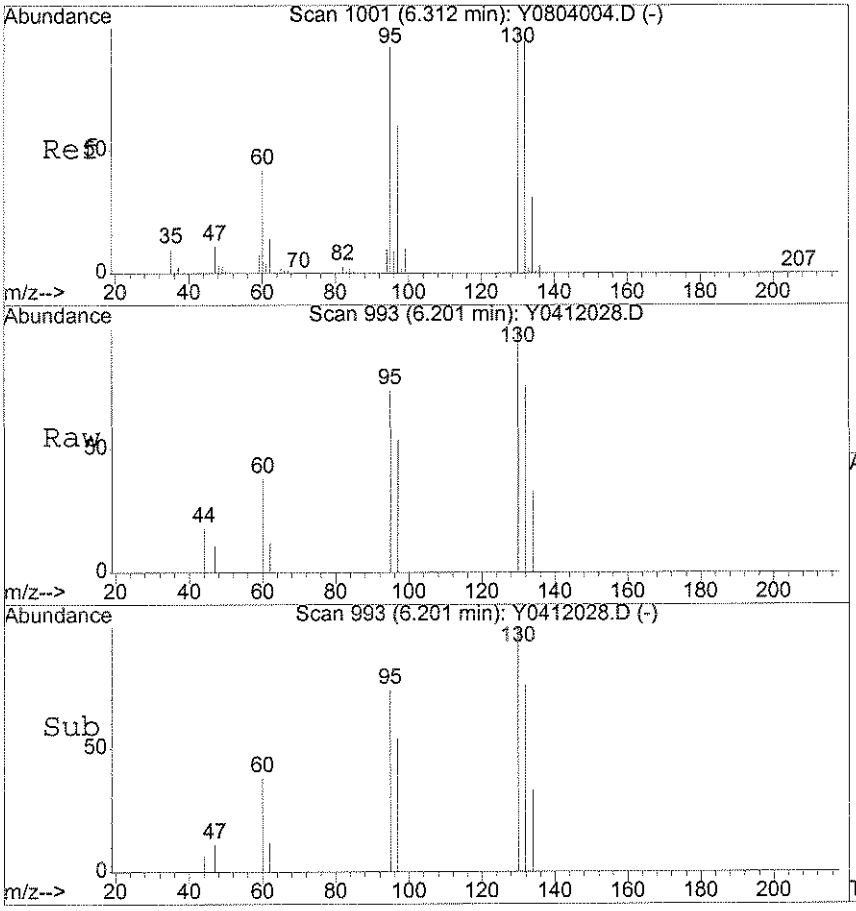


#35
Carbon Tetrachloride
Concen: 7.09 ug/l
RT: 5.11 min Scan# 808
Delta R.T. 0.01 min
Lab File: Y0412028.D
Acq: 12 Apr 2007 17:08

Tgt Ion:117 Resp: 22230

Ion	Ratio	Lower	Upper
117	100		
119	98.0	78.2	118.2

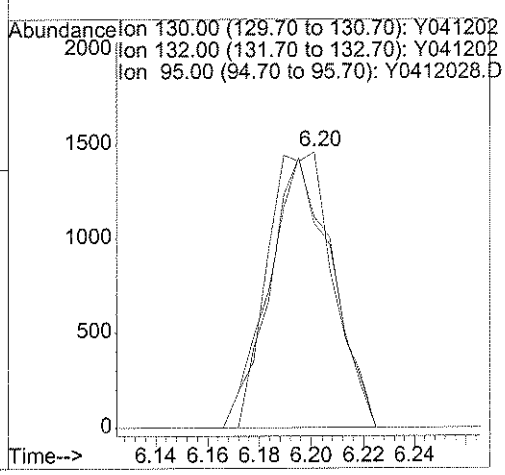


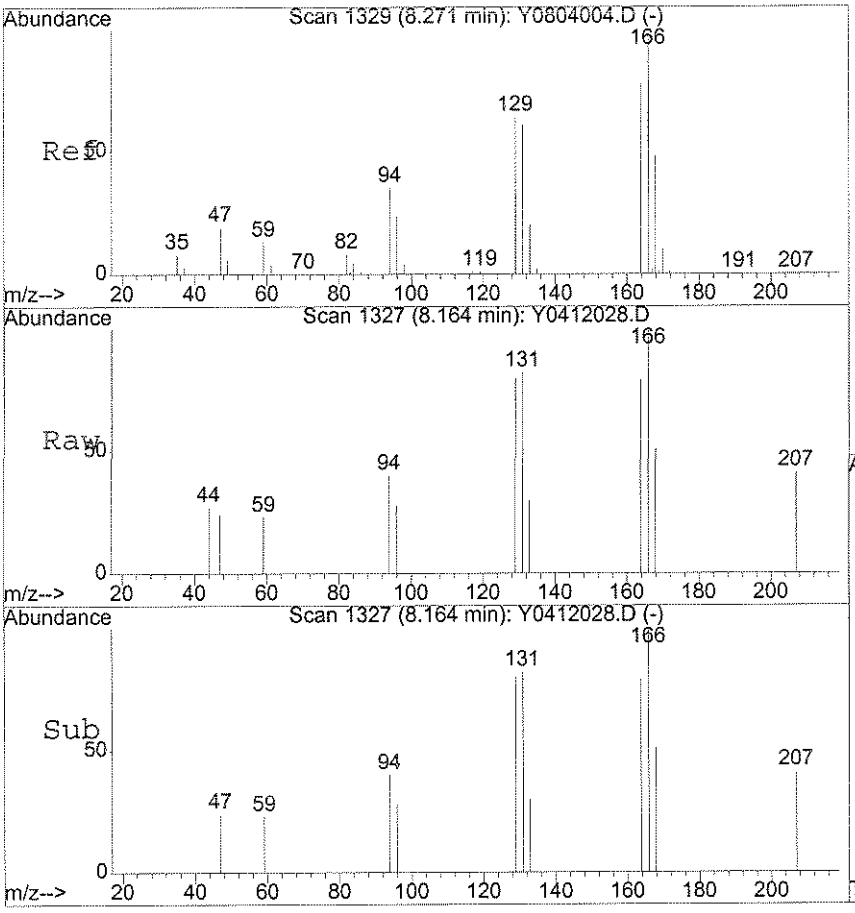


#41
Trichloroethene
Concen: 1.06 ug/l
RT: 6.20 min Scan# 993
Delta R.T. 0.01 min
Lab File: Y0412028.D
Acq: 12 Apr 2007 17:08

Tgt Ion:130 Resp: 2590

Ion	Ratio	Lower	Upper
130	100		
132	90.1	75.0	115.0
95	91.9	69.4	109.4

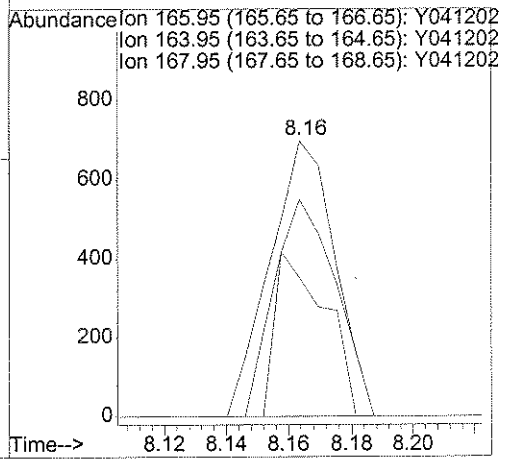




#56
Tetrachloroethene
Concen: 0.55 ug/l
RT: 8.16 min Scan# 1327
Delta R.T. -0.00 min
Lab File: Y0412028.D
Acq: 12 Apr 2007 17:08

Tgt Ion:166 Resp: 1006

Ion	Ratio	Lower	Upper
166	100		
164	75.1	63.3	94.9
168	46.1	39.6	59.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-016

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412029.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 17:31

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	1.1	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	6.5	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.59	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-016

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412029.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 17:31

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-016

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412029.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 17:31

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

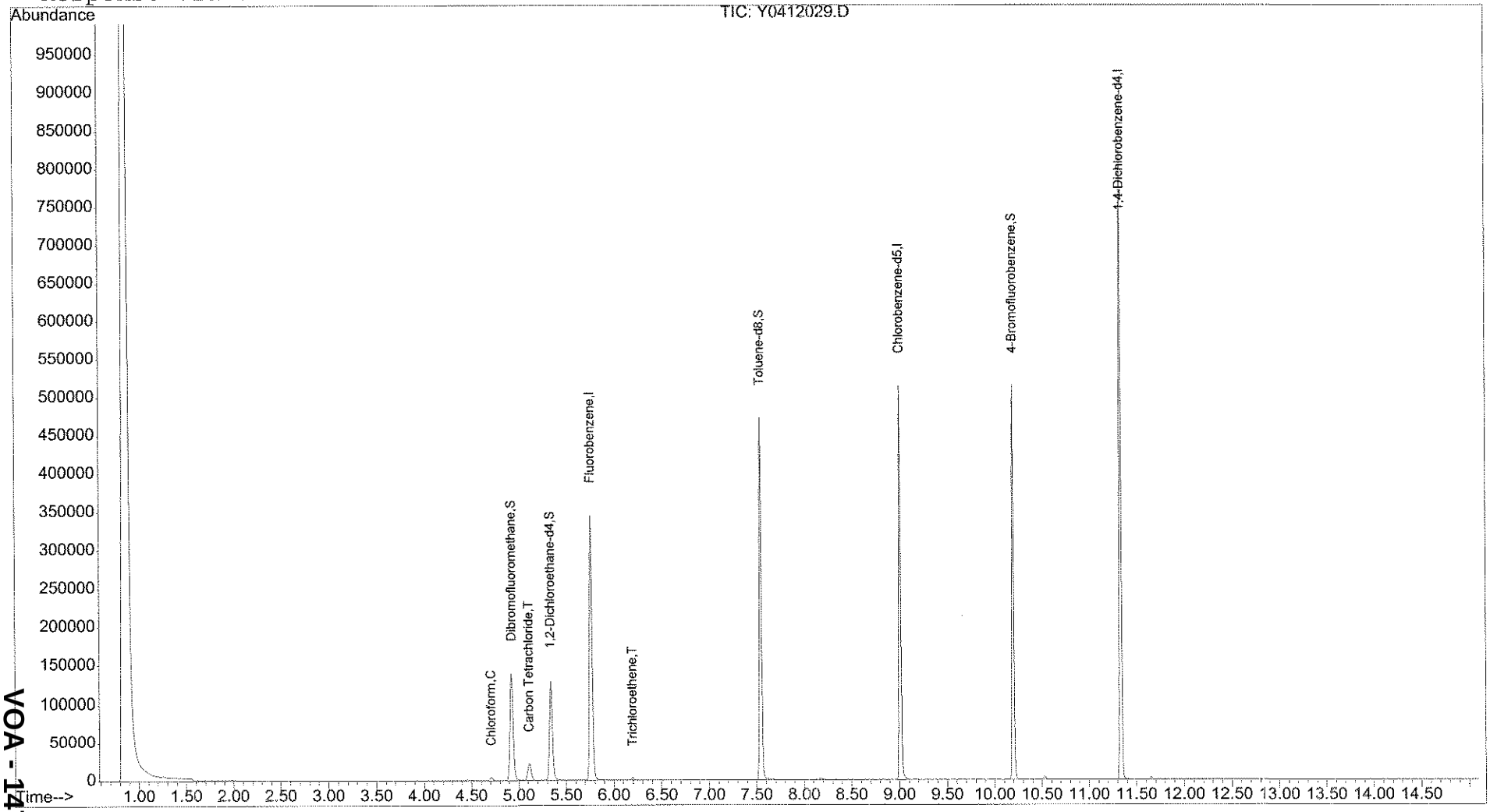
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412029.D Vial: 37
Acq On : 12 Apr 2007 17:31 Operator: LPM
Sample : JPL29-016 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:10 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 147

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412029.D Vial: 37
Acq On : 12 Apr 2007 17:31 Operator: LPM
Sample : JPL29-016 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:10 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : File name for IS QA unknown

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	316113	50.00	ug/l	0.00 NA%
50) Chlorobenzene-d5	9.01	82	129623	50.00	ug/l	0.00 NA%
70) 1,4-Dichlorobenzene-d4	11.34	152	184588	50.00	ug/l	0.00 NA%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	102196	53.43	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 106.86%			
37) 1,2-Dichloroethane-d4	5.34	65	101730	50.14	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.28%			
51) Toluene-d8	7.54	98	279503	54.34	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 108.68%			
72) 4-Bromofluorobenzene	10.20	95	134974	50.61	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	2.09	101	143	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	417	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412029.D
Acq On : 12 Apr 2007 17:31
Sample : JPL29-016
Misc : 5mL+IS/SS #3
MS Integration Params: rteint.p
Quant Time: Apr 13 8:10 2007

Vial: 37
Operator: LPM
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	Chloroprene	0.00	53	0	N.D.			
25)	2,2-Dichloropropane	0.00	77	0	N.D.			
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.			
27)	2-Butanone	0.00	43	0	N.D.			
28)	Propionitrile	0.00	54	0	N.D.			
29)	Bromochloromethane	0.00	128	0	N.D.			
30)	Methacrylonitrile	0.00	41	0	N.D.			
31)	Chloroform	4.71	83	4478	1.10	ug/l	✓	98
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.			
34)	Cyclohexane	0.00	56	0	N.D.			
35)	Carbon Tetrachloride	5.11	117	18488	6.50	ug/l	✓	99
36)	1,1-Dichloropropene	0.00	75	0	N.D.			
38)	Benzene	0.00	78	0	N.D.			
39)	1,2-Dichloroethane	0.00	62	0	N.D.			
40)	Isobutanol	0.00	43	0	N.D.			
41)	Trichloroethene	6.20	130	1319	0.59	ug/l	✓	97
42)	Methylcyclohexane	0.00	83	0	N.D.			
43)	1,2-Dichloropropane	0.00	63	0	N.D.			
44)	Dibromomethane	0.00	93	0	N.D.			
45)	Methyl methacrylate	0.00	41	0	N.D.			
46)	Bromodichloromethane	0.00	83	0	N.D.			
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.			
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.			
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d	
52)	Toluene	0.00	92	0	N.D.			
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.			
54)	Ethyl methacrylate	0.00	69	0	N.D.			
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.			
56)	Tetrachloroethene	8.17	166	430	N.D.			
57)	1,3-Dichloropropane	0.00	76	0	N.D.			
58)	2-Hexanone	0.00	43	0	N.D.			
59)	Dibromochloromethane	0.00	129	0	N.D.			
60)	1,2-Dibromoethane	0.00	107	0	N.D.			
61)	Chlorobenzene	0.00	112	0	N.D.			
62)	1-Chlorohexane	9.01	91	366	N.D.			
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.			
64)	Ethylbenzene	9.17	91	67	N.D.			
65)	m,p-Xylene	0.00	106	0	N.D.			
66)	o-xylene	0.00	106	0	N.D.			
67)	Styrene	0.00	104	0	N.D.			
68)	Bromoform	0.00	173	0	N.D.			

KNH 4/13/07

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

Quantitation Report

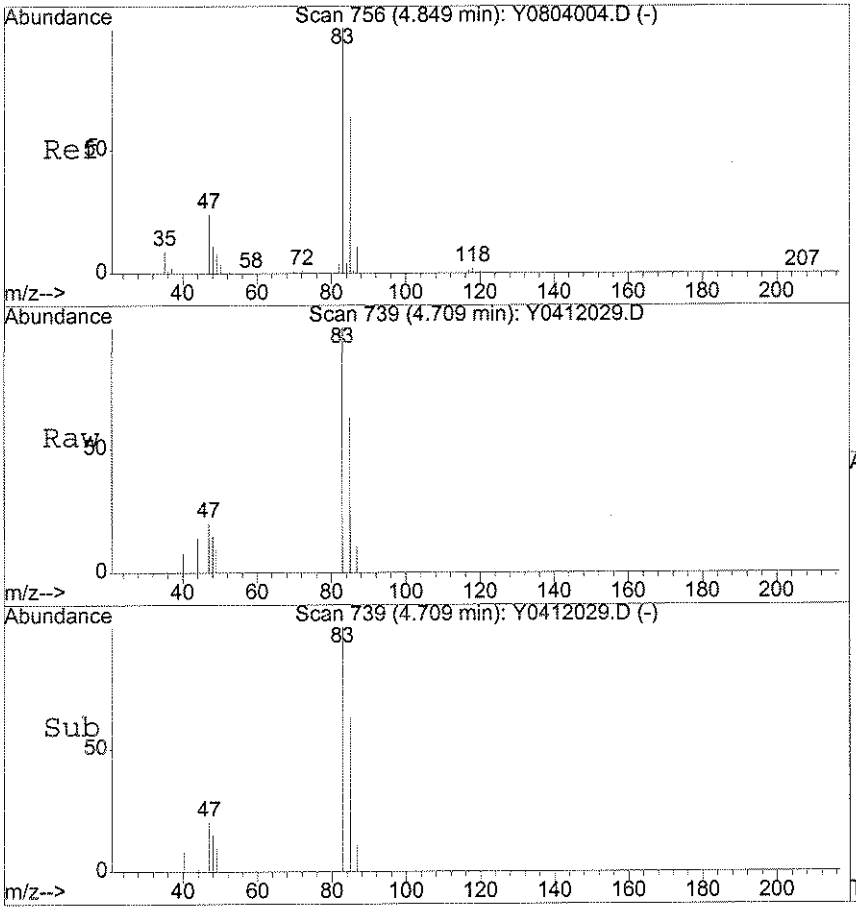
Data File : X:\MSVOA\YODA\041207\Y0412029.D
Acq On : 12 Apr 2007 17:31
Sample : JPL29-016
Misc : 5mL+IS/SS #3
MS Integration Params: rteint.p
Quant Time: Apr 13 8:10 2007

Vial: 37
Operator: LPM
Inst : yoda
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	10.18	105	85	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	10.47	91	60	N.D.		
78)	4-Chlorotoluene	10.47	91	60	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
82)	sec-butylbenzene	0.00	105	0	N.D.		
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
84)	4-Isopropyltoluene	11.34	119	167	N.D.		
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	11.74	91	254	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

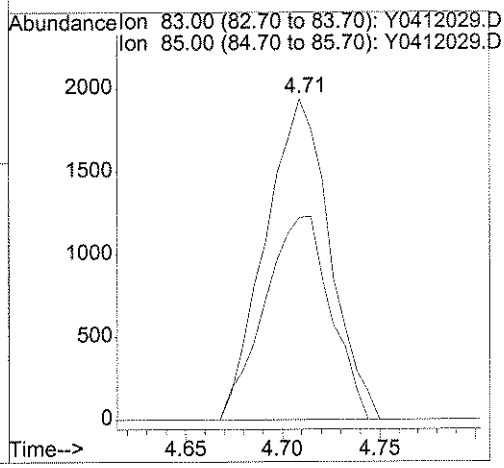
(#) = qualifier out of range (m) = manual integration

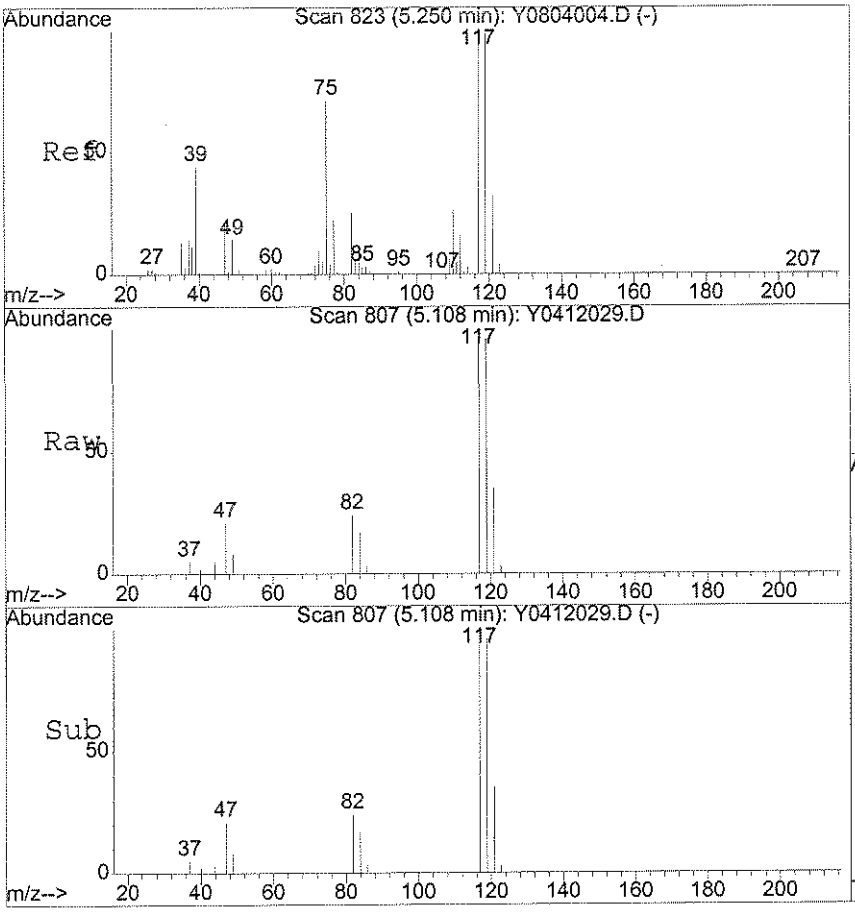


#31
Chloroform
Concen: 1.10 ug/l
RT: 4.71 min Scan# 739
Delta R.T. 0.01 min
Lab File: Y0412029.D
Acq: 12 Apr 2007 17:31

Tgt Ion: 83 Resp: 4478

Ion	Ratio	Lower	Upper
83	100		
85	65.1	43.3	83.3

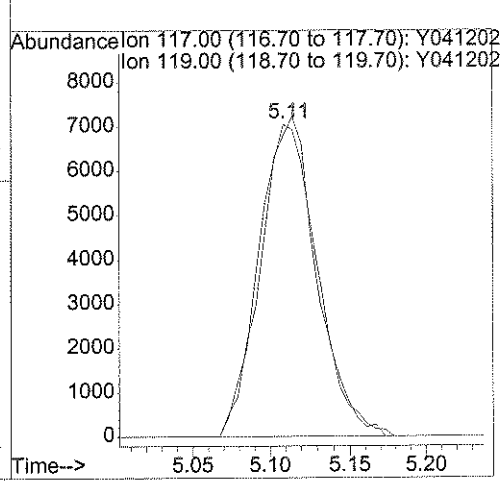


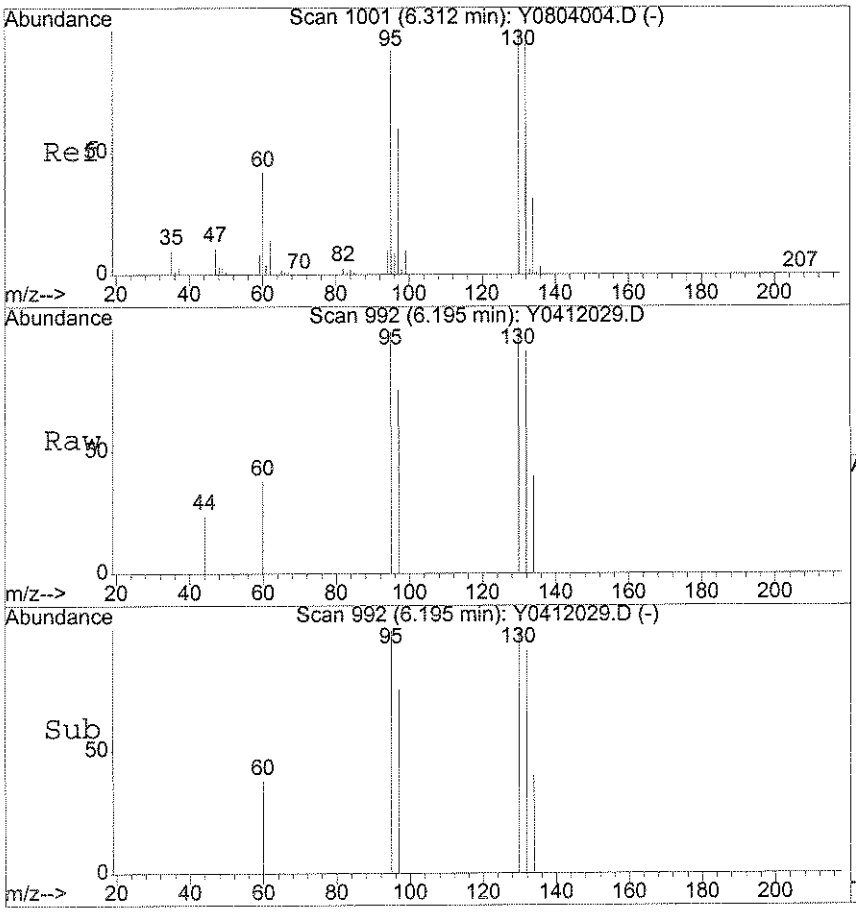


#35
Carbon Tetrachloride
Concen: 6.50 ug/l
RT: 5.11 min Scan# 807
Delta R.T. -0.00 min
Lab File: Y0412029.D
Acq: 12 Apr 2007 17:31

Tgt Ion:117 Resp: 18488

Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.2	118.2

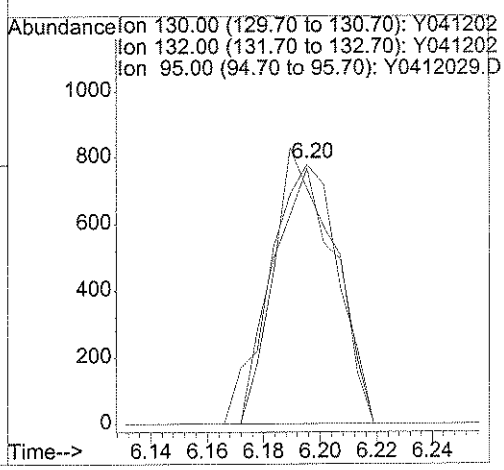




#41
Trichloroethene
Concen: 0.59 ug/l
RT: 6.20 min Scan# 992
Delta R.T. 0.01 min
Lab File: Y0412029.D
Acq: 12 Apr 2007 17:31

Tgt Ion:130 Resp: 1319

Ion	Ratio	Lower	Upper
130	100		
132	91.7	75.0	115.0
95	91.1	69.4	109.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-017

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412030.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 17:56

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-017

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412030.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 17:56

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-017

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412030.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 17:56

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

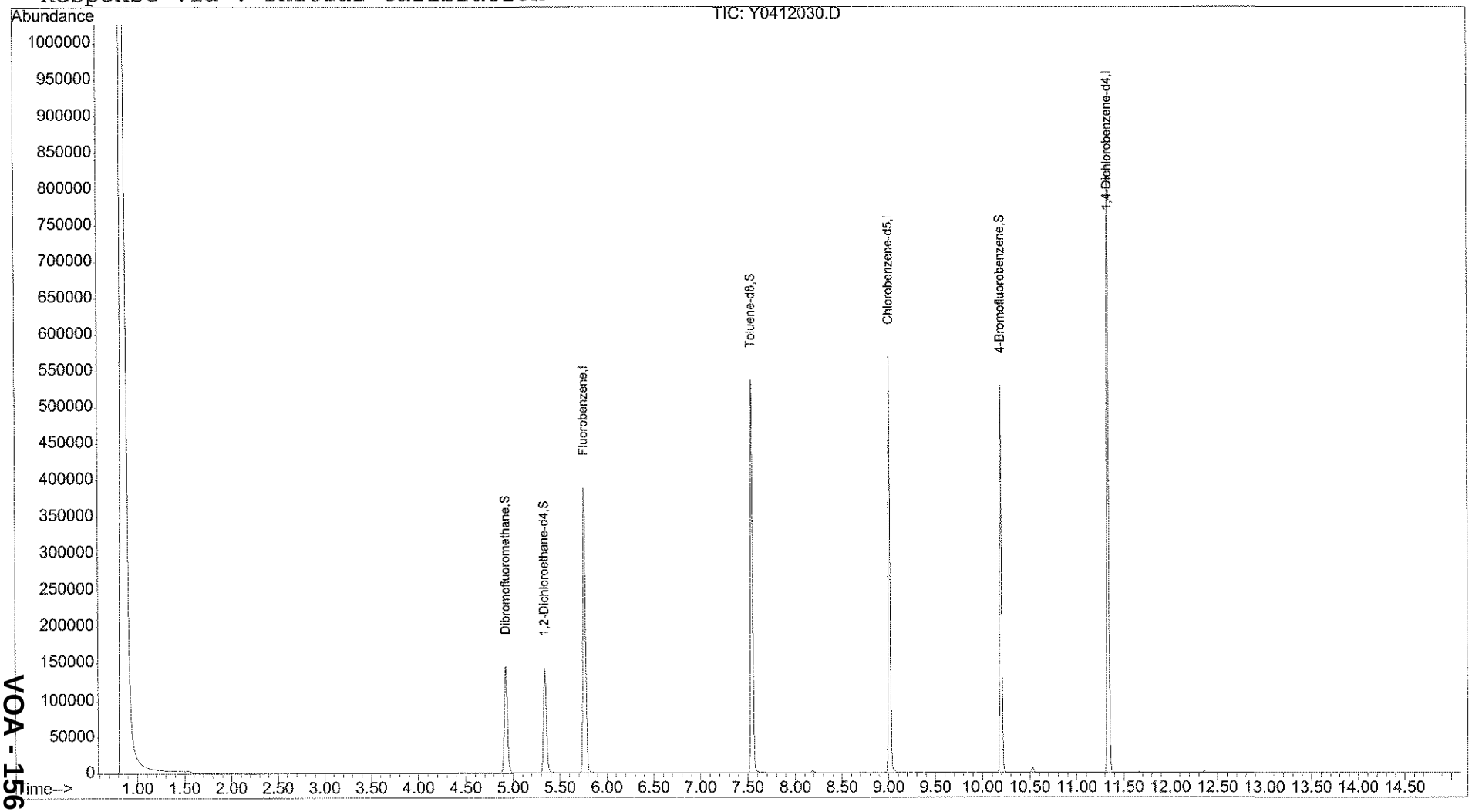
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412030.D Vial: 38
Acq On : 12 Apr 2007 17:56 Operator: LPM
Sample : JPL29-017 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:11 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 156

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412030.D Vial: 38
Acq On : 12 Apr 2007 17:56 Operator: LPM
Sample : JPL29-017 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:11 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : File name for IS QA unknown

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	360155	50.00	ug/l	0.00 NA%
50) Chlorobenzene-d5	9.01	82	143091	50.00	ug/l	0.00 NA%
70) 1,4-Dichlorobenzene-d4	11.34	152	187046	50.00	ug/l	0.00 NA%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	106776	49.00	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 98.00%			
37) 1,2-Dichloroethane-d4	5.34	65	113999	49.31	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.62%			
51) Toluene-d8	7.55	98	320384	56.42	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 112.84%			
72) 4-Bromofluorobenzene	10.20	95	142121	52.59	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412030.D
Acq On : 12 Apr 2007 17:56
Sample : JPL29-017
Misc : 5mL+IS/SS #2
MS Integration Params: rteint.p
Quant Time: Apr 13 8:11 2007

Vial: 38
Operator: LPM
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27) 2-Butanone	0.00	43	0	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	0.00	83	0	N.D.		
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	0.00	78	0	N.D.		
39) 1,2-Dichloroethane	0.00	62	0	N.D.		
40) Isobutanol	0.00	43	0	N.D.		
41) Trichloroethene	0.00	130	0	N.D.		
42) Methylcyclohexane	0.00	83	0	N.D.		
43) 1,2-Dichloropropane	0.00	63	0	N.D.		
44) Dibromomethane	0.00	93	0	N.D.		
45) Methyl methacrylate	0.00	41	0	N.D.		
46) Bromodichloromethane	0.00	83	0	N.D.		
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49) 4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52) Toluene	0.00	92	0	N.D.		
53) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54) Ethyl methacrylate	0.00	69	0	N.D.		
55) 1,1,2-Trichloroethane	0.00	97	0	N.D.		
56) Tetrachloroethene	0.00	166	0	N.D.		
57) 1,3-Dichloropropane	0.00	76	0	N.D.		
58) 2-Hexanone	0.00	43	0	N.D.		
59) Dibromochloromethane	0.00	129	0	N.D.		
60) 1,2-Dibromoethane	0.00	107	0	N.D.		
61) Chlorobenzene	0.00	112	0	N.D.		
62) 1-Chlorohexane	9.02	91	447	N.D.		
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64) Ethylbenzene	9.29	91	347	N.D.		
65) m,p-Xylene	9.30	106	144	N.D.		
66) o-xylene	0.00	106	0	N.D.		
67) Styrene	0.00	104	0	N.D.		
68) Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412030.D Vial: 38
Acq On : 12 Apr 2007 17:56 Operator: LPM
Sample : JPL29-017 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:11 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	0.00	105	0	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	10.46	91	113	N.D.		
78)	4-Chlorotoluene	10.46	91	113	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.01	105	57	N.D.		
82)	sec-butylbenzene	11.18	105	54	N.D.		
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
84)	4-Isopropyltoluene	11.33	119	260	N.D.		
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	11.74	91	190	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	13.54	128	56	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-2-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-018

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412031.D

Level: (LOW/MED) _____ Date Collected: 03/29/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/12/2007 18:20

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-2-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-018

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412031.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 18:20

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-2-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL29 Run Sequence: R016785

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL29-018

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0412031.D

Level: (LOW/MED) Date Collected: 03/29/2007

% Moisture: not dec. Date/Time Analyzed: 04/12/2007 18:20

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

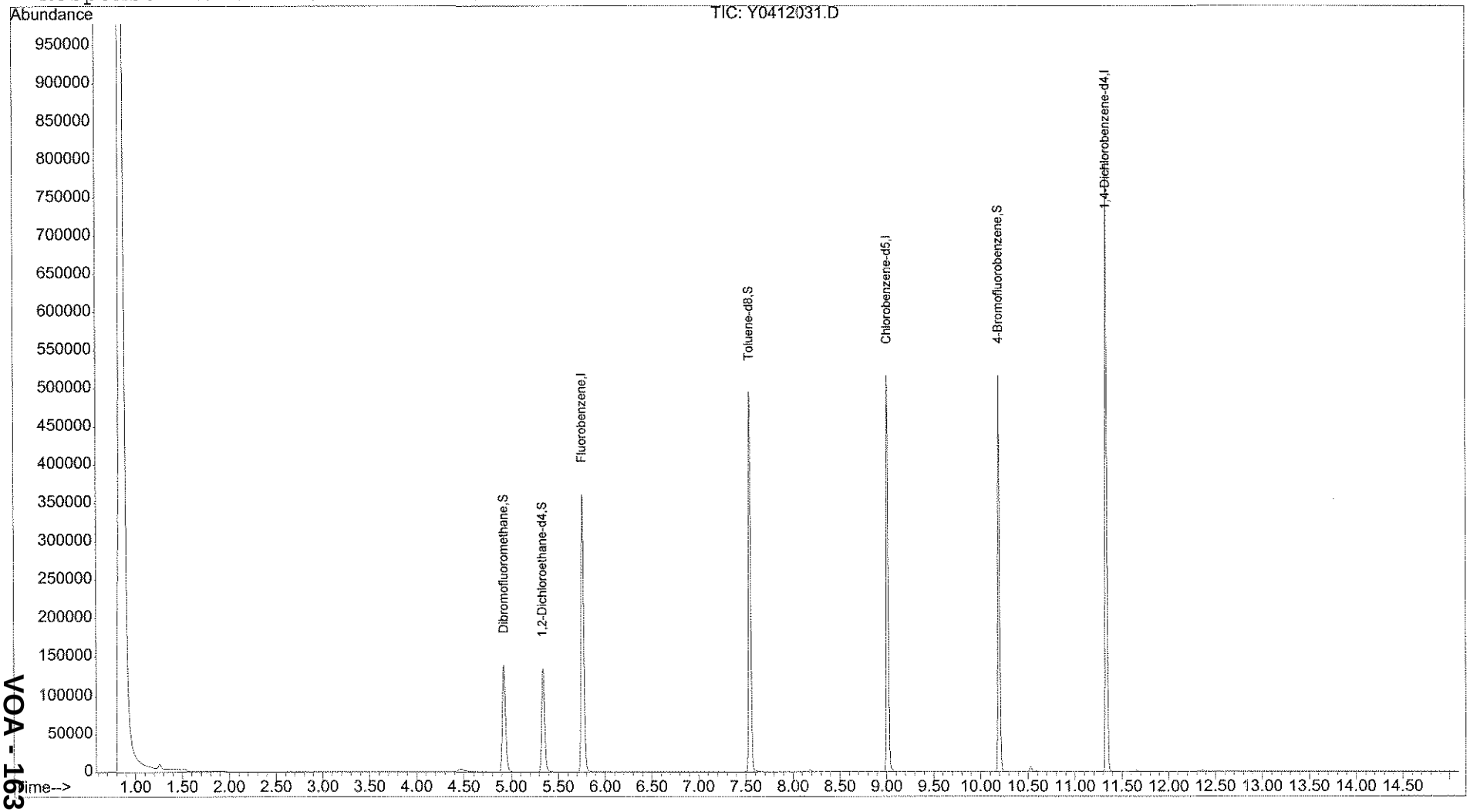
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412031.D Vial: 39
Acq On : 12 Apr 2007 18:20 Operator: LPM
Sample : JPL29-018 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:12 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 163

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412031.D Vial: 39
Acq On : 12 Apr 2007 18:20 Operator: LPM
Sample : JPL29-018 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:12 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : File name for IS QA unknown

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	342211	50.00	ug/l	0.00 NA%
50) Chlorobenzene-d5	9.01	82	133319	50.00	ug/l	0.00 NA%
70) 1,4-Dichlorobenzene-d4	11.34	152	175947	50.00	ug/l	0.00 NA%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	103979	50.22	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.44%			
37) 1,2-Dichloroethane-d4	5.34	65	108934	49.59	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.18%			
51) Toluene-d8	7.54	98	296965	56.13	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 112.26%			
72) 4-Bromofluorobenzene	10.20	95	133830	52.65	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412031.D Vial: 39
Acq On : 12 Apr 2007 18:20 Operator: LPM
Sample : JPL29-018 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:12 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	0.00	78	0	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	0.00	92	0	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	391	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.29	91	421	N.D.		
65)	m,p-Xylene	9.29	106	54	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041207\Y0412031.D Vial: 39
Acq On : 12 Apr 2007 18:20 Operator: LPM
Sample : JPL29-018 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 13 8:12 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	0.00	105	0	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	10.47	91	68	N.D.	
78)	4-Chlorotoluene	10.47	91	68	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D.	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
84)	4-Isopropyltoluene	11.34	119	325	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	11.74	91	193	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

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

TICS SUMMARY

SDG JPL29

VOLATILES ANALYSIS

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
B041107MVOWM3

Lab Name: Laucks Testing Laboratories, Inc
Contract: JPL Groundwater Monitorin

SDG No.: JPL29
Run Sequence: R016814

Matrix: (SOIL/WATER) Water
Lab Sample ID: B041107MVOWM3

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: M0411009.D

Level: (LOW/MED)
Date Collected:

% Moisture: not dec.
Date Analyzed: 04/11/2007

GC Column: ZB-624 20m ID: 0.18 (mm)
Dilution Factor: 1.0

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

Number TICs Found: 0
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041107A\M0411009.D Vial: 56
Acq On : 11 Apr 2007 10:13 Operator: DGA
Sample : B041107MVOWM3 Inst : MOBY
Misc : 5ml PFW+IS/SS(MV8-38-11) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0411009.D 524.M Thu Apr 12 09:10:37 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
B041207MVOWY1

Lab Name: Laucks Testing Laboratories, Inc
Contract: JPL Groundwater Monitorin

SDG No.: JPL29
Run Sequence: R016785

Matrix: (SOIL/WATER) Water
Lab Sample ID: B041207MVOWY1

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: Y0412014.D

Level: (LOW/MED)
Date Collected:

% Moisture: not dec.
Date Analyzed: 04/12/2007

GC Column: DB-624 20m ID: 0.18 (mm)
Dilution Factor: 1.0

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

Number TICs Found: 0
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041207\Y0412014.D
Acq On : 12 Apr 2007 11:15
Sample : B041207MVOWY1
Misc : 5mLpfw+IS/SS(MV8-38-1)
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

Vial: 22
Operator: LPM
Inst : yoda
Multiplr: 1.00

No Library Search Compounds Detected

****

Y0412014.D 8260B.M Fri Apr 13 10:33:17 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B041307MVOWY1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL29

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: B041307MVOWY1

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413007.D

Level: (LOW/MED)

Date Collected:

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413007.D Vial: 22
Acq On : 13 Apr 2007 8:44 Operator: LNH
Sample : B041307MVOWY1 Inst : yoda
Misc : 5mLpfw+IS/SS(MV8-38-1) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413007.D 8260B.M Fri Apr 13 14:06:21 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-14-5

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL29

Run Sequence: R016814

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL29-001

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0411016.D

Level: (LOW/MED)

Date Collected: 03/29/2007

% Moisture: not dec.

Date Analyzed: 04/11/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041107A\M0411016.D Vial: 56
Acq On : 11 Apr 2007 13:25 Operator: DGA
Sample : JPL29-001 Inst : MOBY
Misc : #3 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0411016.D 524.M Thu Apr 12 09:12:09 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
MW-14-4

Lab Name: Laucks Testing Laboratories, Inc
Contract: JPL Groundwater Monitorin

SDG No.: JPL29
Run Sequence: R016814

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL29-002

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: M0411017.D

Level: (LOW/MED)
Date Collected: 03/29/2007

% Moisture: not dec.
Date Analyzed: 04/11/2007

GC Column: ZB-624 20m ID: 0.18 (mm)
Dilution Factor: 1.0

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

Number TICs Found: 0
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041107A\M0411017.D Vial: 57
Acq On : 11 Apr 2007 13:47 Operator: DGA
Sample : JPL29-002 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****

M0411017.D 524.M Thu Apr 12 09:13:36 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-14-3

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL29

Run Sequence: R016814

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL29-003

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0411018.D

Level: (LOW/MED)

Date Collected: 03/29/2007

% Moisture: not dec.

Date Analyzed: 04/11/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041107A\M0411018.D Vial: 58
Acq On : 11 Apr 2007 14:10 Operator: DGA
Sample : JPL29-003 Inst : MOBY
Misc : #4 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****

M0411018.D 524.M Thu Apr 12 09:14:54 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-14-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL29

Run Sequence: R016814

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL29-004

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0411019.D

Level: (LOW/MED)

Date Collected: 03/29/2007

% Moisture: not dec.

Date Analyzed: 04/11/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041107A\M0411019.D Vial: 59
Acq On : 11 Apr 2007 14:33 Operator: DGA
Sample : JPL29-004 Inst : MOBY
Misc : #3 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0411019.D 524.M Thu Apr 12 09:16:22 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-14-1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL29

Run Sequence: R016814

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL29-005

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0411020.D

Level: (LOW/MED)

Date Collected: 03/29/2007

% Moisture: not dec.

Date Analyzed: 04/11/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041107A\M0411020.D Vial: 60
Acq On : 11 Apr 2007 14:56 Operator: DGA
Sample : JPL29-005 Inst : MOBY
Misc : #3 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****

M0411020.D 524.M Thu Apr 12 09:17:35 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-2-3/28/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL29

Run Sequence: R016814

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL29-006

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0411021.D

Level: (LOW/MED)

Date Collected: 03/29/2007

% Moisture: not dec.

Date Analyzed: 04/11/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
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27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041107A\M0411021.D Vial: 61
Acq On : 11 Apr 2007 15:20 Operator: DGA
Sample : JPL29-006 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0411021.D 524.M Thu Apr 12 09:19:11 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-2-3/28/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL29

Run Sequence: R016814

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL29-007

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0411022.D

Level: (LOW/MED)

Date Collected: 03/29/2007

% Moisture: not dec.

Date Analyzed: 04/11/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041107A\M0411022.D Vial: 62
Acq On : 11 Apr 2007 15:43 Operator: DGA
Sample : JPL29-007 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0411022.D 524.M Thu Apr 12 09:20:11 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-17-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL29

Run Sequence: R016814

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL29-008

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0411023.D

Level: (LOW/MED)

Date Collected: 03/30/2007

% Moisture: not dec.

Date Analyzed: 04/11/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
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09					
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12					
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29					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041107A\M0411023.D Vial: 63
Acq On : 11 Apr 2007 16:05 Operator: DGA
Sample : JPL29-008 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****

M0411023.D 524.M Thu Apr 12 09:27:27 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-17-3

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL29

Run Sequence: R016814

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL29-009

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0411024.D

Level: (LOW/MED)

Date Collected: 03/30/2007

% Moisture: not dec.

Date Analyzed: 04/11/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041107A\M0411024.D Vial: 64
Acq On : 11 Apr 2007 16:28 Operator: DGA
Sample : JPL29-009 Inst : MOBY
Misc : #2 5ml +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\524.M (RTE Integrator)
Title : VOA 524- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****

M0411024.D 524.M Thu Apr 12 09:28:32 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-17-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL29

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL29-010

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413013.D

Level: (LOW/MED)

Date Collected: 03/30/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413013.D Vial: 28
Acq On : 13 Apr 2007 11:12 Operator: LNH
Sample : JPL29-010 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413013.D 8260B.M Fri Apr 13 14:19:33 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

DUPE-1-1Q07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL29

Run Sequence: R016785

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL29-011

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0412024.D

Level: (LOW/MED)

Date Collected: 03/30/2007

% Moisture: not dec.

Date Analyzed: 04/12/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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Comments:

Tentatively Identified Compound (LSC) summary

Operator ID: LPM Date Acquired: 12 Apr 2007 15:29
Data File: X:\MSVOA\YODA\041207\Y0412024.D
Name: JPL29-011
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA 8260- 5ML Calibration 5973Y
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y0412024.D 8260B.M Fri Apr 13 10:08:27 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
EB-3-3/29/07

Lab Name: Laucks Testing Laboratories, Inc
Contract: JPL Groundwater Monitorin

SDG No.: JPL29
Run Sequence: R016785

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL29-012

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: Y0412025.D

Level: (LOW/MED)
Date Collected: 03/30/2007

% Moisture: not dec.
Date Analyzed: 04/12/2007

GC Column: DB-624 20m ID: 0.18 (mm)
Dilution Factor: 1.0

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

Number TICs Found: 0
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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Comments:

Tentatively Identified Compound (LSC) summary

Operator ID: LPM Date Acquired: 12 Apr 2007 15:53
Data File: X:\MSVOA\YODA\041207\Y0412025.D
Name: JPL29-012
Misc: 5mL+IS/SS #2
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA 8260- 5ML Calibration 5973Y
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y0412025.D 8260B.M Fri Apr 13 10:08:40 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-3-3/29/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL29

Run Sequence: R016785

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL29-013

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0412026.D

Level: (LOW/MED)

Date Collected: 03/30/2007

% Moisture: not dec.

Date Analyzed: 04/12/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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04					
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Comments:

Tentatively Identified Compound (LSC) summary

Operator ID: LPM Date Acquired: 12 Apr 2007 16:18
Data File: X:\MSVOA\YODA\041207\Y0412026.D
Name: JPL29-013
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA 8260- 5ML Calibration 5973Y
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y0412026.D 8260B.M Fri Apr 13 10:08:53 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-18-5

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL29

Run Sequence: R016785

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL29-014

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0412027.D

Level: (LOW/MED)

Date Collected: 03/30/2007

% Moisture: not dec.

Date Analyzed: 04/12/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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Comments:

Tentatively Identified Compound (LSC) summary

Operator ID: LPM Date Acquired: 12 Apr 2007 16:43
Data File: X:\MSVOA\YODA\041207\Y0412027.D
Name: JPL29-014
Misc: 5mL+IS/SS #3
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA 8260- 5ML Calibration 5973Y
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y0412027.D 8260B.M Fri Apr 13 10:09:04 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-18-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL29

Run Sequence: R016785

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL29-015

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0412028.D

Level: (LOW/MED)

Date Collected: 03/30/2007

% Moisture: not dec.

Date Analyzed: 04/12/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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Comments:

Tentatively Identified Compound (LSC) summary

Operator ID: LPM Date Acquired: 12 Apr 2007 17:08
Data File: X:\MSVOA\YODA\041207\Y0412028.D
Name: JPL29-015
Misc: 5mL+IS/SS #3
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA 8260- 5ML Calibration 5973Y
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y0412028.D 8260B.M Fri Apr 13 10:09:18 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
MW-18-3

Lab Name: Laucks Testing Laboratories, Inc
Contract: JPL Groundwater Monitorin

SDG No.: JPL29
Run Sequence: R016785

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL29-016

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: Y0412029.D

Level: (LOW/MED)
Date Collected: 03/30/2007

% Moisture: not dec.
Date Analyzed: 04/12/2007

GC Column: DB-624 20m ID: 0.18 (mm)
Dilution Factor: 1.0

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

Number TICs Found: 0
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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Comments:

Tentatively Identified Compound (LSC) summary

Operator ID: LPM Date Acquired: 12 Apr 2007 17:31
Data File: X:\MSVOA\YODA\041207\Y0412029.D
Name: JPL29-016
Misc: 5mL+IS/SS #3
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA 8260- 5ML Calibration 5973Y
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y0412029.D 8260B.M Fri Apr 13 10:09:30 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-18-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL29

Run Sequence: R016785

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL29-017

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0412030.D

Level: (LOW/MED)

Date Collected: 03/30/2007

% Moisture: not dec.

Date Analyzed: 04/12/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
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Comments:

Tentatively Identified Compound (LSC) summary

Operator ID: LPM Date Acquired: 12 Apr 2007 17:56
Data File: X:\MSVOA\YODA\041207\Y0412030.D
Name: JPL29-017
Misc: 5mL+IS/SS #2
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA 8260- 5ML Calibration 5973Y
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y0412030.D 8260B.M Fri Apr 13 10:09:42 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

DUPE-2-1Q07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL29

Run Sequence: R016785

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL29-018

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0412031.D

Level: (LOW/MED)

Date Collected: 03/30/2007

% Moisture: not dec.

Date Analyzed: 04/12/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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29					
30					

Comments:

Tentatively Identified Compound (LSC) summary

Operator ID: LPM Date Acquired: 12 Apr 2007 18:20
Data File: X:\MSVOA\YODA\041207\Y0412031.D
Name: JPL29-018
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA 8260- 5ML Calibration 5973Y
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y0412031.D 8260B.M Fri Apr 13 10:10:00 2007

Metals Data

JPL29

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL29

SOW No.:

Sample No.	Lab Sample ID
MW-14-3	JPL29-003
MW-14-3MS	JPL29-003MS
MW-14-3MSD	JPL29-003MSD
MW-14-2	JPL29-004
MW-14-1	JPL29-005
EB-2-3/28/07	JPL29-006
MW-17-4	JPL29-008
MW-17-3	JPL29-009
MW-17-2	JPL29-010
DUPE-1-1Q07	JPL29-011
DUPE-1-1Q07MS	JPL29-011MS
DUPE-1-1Q07MSD	JPL29-011MSD
EB-3-3/29/07	JPL29-012
MW-18-4	JPL29-015
MW-18-3	JPL29-016
MW-18-2	JPL29-017
DUPE-2-1Q07	JPL29-018

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No NO

If yes-was raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is technically complete, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Name: Cheronne Oreiro

Date: 04/10/2007 Title: Metals Lead

MET-2

Metals Analysis Data Sheets

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-14-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL29

Matrix (soil/water): Water Lab Sample ID: JPL29-003

Level (low/med): LOW Date Received: 03/29/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

MET-4

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-14-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL29

Matrix (soil/water): Water Lab Sample ID: JPL29-004

Level (low/med): LOW Date Received: 03/29/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.83			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-14-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL29

Matrix (soil/water): Water Lab Sample ID: JPL29-005

Level (low/med): LOW Date Received: 03/29/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-2-3/28/07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL29

Matrix (soil/water): Water Lab Sample ID: JPL29-006

Level (low/med): LOW Date Received: 03/29/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.53			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-17-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL29

Matrix (soil/water): Water Lab Sample ID: JPL29-008

Level (low/med): LOW Date Received: 03/30/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-17-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL29

Matrix (soil/water): Water Lab Sample ID: JPL29-009

Level (low/med): LOW Date Received: 03/30/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.34			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-17-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL29

Matrix (soil/water): Water Lab Sample ID: JPL29-010

Level (low/med): LOW Date Received: 03/30/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.69			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

MET-10

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

DUPE-1-1Q07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL29

Matrix (soil/water): Water Lab Sample ID: JPL29-011

Level (low/med): LOW Date Received: 03/30/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.79			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-3-3/29/07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL29

Matrix (soil/water): Water Lab Sample ID: JPL29-012

Level (low/med): LOW Date Received: 03/30/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.41			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-18-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL29

Matrix (soil/water): Water Lab Sample ID: JPL29-015

Level (low/med): LOW Date Received: 03/30/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.73			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-18-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL29

Matrix (soil/water): Water Lab Sample ID: JPL29-016

Level (low/med): LOW Date Received: 03/30/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	4.90			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-18-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL29

Matrix (soil/water): Water Lab Sample ID: JPL29-017

Level (low/med): LOW Date Received: 03/30/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

DUPE-2-1Q07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL29

Matrix (soil/water): Water Lab Sample ID: JPL29-018

Level (low/med): LOW Date Received: 03/30/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

Miscellaneous Inorganic Data

JPL29

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LAUCKS TESTING LABS, INC.

Lab Code: LAUCKS SDG No.: JPL29

Client Identification	Lab Sample Work Order Number
MW-14-5	JPL29-001DL
MW-14-4	JPL29-002DL
MW-14-3	JPL29-003DL
MW-14-3MS	JPL29-003MS
MW-14-3MSD	JPL29-003MSD
MW-14-2	JPL29-004DL
MW-14-1	JPL29-005DL
EB-2-3/28/07	JPL29-006
MW-17-4	JPL29-008
MW-17-3	JPL29-009DL
MW-17-2	JPL29-010DL
DUPE-1-1Q07	JPL29-011DL
DUPE-1-1Q07MS	JPL29-011MS
DUPE-1-1Q07MSD	JPL29-011SDM
EB-3-3/29/07	JPL29-012
MW-18-5	JPL29-014
MW-18-4	JPL29-015DL
MW-18-3	JPL29-016DL
MW-18-2	JPL29-017DL
DUPE-2-1Q07	JPL29-018DL

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Jennifer Pennor

Date: 4-16-07 Title: Inorganics Lead

Inorganic Analysis Data Sheets

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL29		
Sample Number:	MW-14-5	**Date/Time Collected:**	03/28/2007 08:13
Lab Sample ID:	JPL29-001	**Date/Time Received:**	03/29/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/11/2007	04/12/2007	R016614

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL29		
Sample Number:	MW-14-4	**Date/Time Collected:**	03/28/2007 08:40
Lab Sample ID:	JPL29-002	**Date/Time Received:**	03/29/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2.5	2.5	U	2.5	0.35	04/11/2007	04/12/2007	R016614

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL29		
Sample Number:	MW-14-3	**Date/Time Collected:**	03/28/2007 09:10
Lab Sample ID:	JPL29-003	**Date/Time Received:**	03/29/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	04/11/2007	04/12/2007	R016614

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL29		
Sample Number:	MW-14-2	**Date/Time Collected:**	03/28/2007 10:03
Lab Sample ID:	JPL29-004	**Date/Time Received:**	03/29/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	04/09/2007	04/10/2007	R016670

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL29		
Sample Number:	MW-14-1	**Date/Time Collected:**	03/28/2007 10:34
Lab Sample ID:	JPL29-005	**Date/Time Received:**	03/29/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	04/09/2007	04/10/2007	R016670

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL29		
Sample Number:	EB-2-3/28/07	**Date/Time Collected:**	03/28/2007 10:22
Lab Sample ID:	JPL29-006	**Date/Time Received:**	03/29/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	1	1.0	U	1.0	0.14	04/09/2007	04/10/2007	R016670

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL29		
Sample Number:	MW-17-4	**Date/Time Collected:**	03/29/2007 07:49
Lab Sample ID:	JPL29-008	**Date/Time Received:**	03/30/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	1	1.0	U	1.0	0.14	04/09/2007	04/10/2007	R016670

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL29		
Sample Number:	MW-17-3	**Date/Time Collected:**	03/29/2007 08:21
Lab Sample ID:	JPL29-009	**Date/Time Received:**	03/30/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	47		2.0	0.28	04/09/2007	04/10/2007	R016670

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL29		
Sample Number:	MW-17-2	**Date/Time Collected:**	03/29/2007 08:59
Lab Sample ID:	JPL29-010	**Date/Time Received:**	03/30/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	10		4.0	0.56	04/09/2007	04/10/2007	R016670

INO - 12

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL29		
Sample Number:	DUPE-1-1Q07	**Date/Time Collected:**	03/29/2007 00:00
Lab Sample ID:	JPL29-011	**Date/Time Received:**	03/30/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	9.4		4.0	0.56	04/09/2007	04/10/2007	R016670

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL29		
Sample Number:	EB-3-3/29/07	**Date/Time Collected:**	03/29/2007 08:44
Lab Sample ID:	JPL29-012	**Date/Time Received:**	03/30/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	1	1.0	U	1.0	0.14	04/09/2007	04/10/2007	R016670

INO - 14

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL29		
Sample Number:	MW-18-5	**Date/Time Collected:**	03/29/2007 10:54
Lab Sample ID:	JPL29-014	**Date/Time Received:**	03/30/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	1	1.0	U	1.0	0.14	04/09/2007	04/10/2007	R016670

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL29		
Sample Number:	MW-18-4	**Date/Time Collected:**	03/29/2007 11:20
Lab Sample ID:	JPL29-015	**Date/Time Received:**	03/30/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/09/2007	04/10/2007	R016670

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL29		
Sample Number:	MW-18-3	**Date/Time Collected:**	03/29/2007 11:55
Lab Sample ID:	JPL29-016	**Date/Time Received:**	03/30/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/09/2007	04/10/2007	R016670

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL29		
Sample Number:	MW-18-2	**Date/Time Collected:**	03/29/2007 12:24
Lab Sample ID:	JPL29-017	**Date/Time Received:**	03/30/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/09/2007	04/10/2007	R016670

INO - 18

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL29		
Sample Number:	DUPE-2-1Q07	**Date/Time Collected:**	03/29/2007 00:00
Lab Sample ID:	JPL29-018	**Date/Time Received:**	03/30/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/09/2007	04/10/2007	R016670

SAMPLE DATA

SDG # JPL30

Volatiles Analysis

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413014.D

Level: (LOW/MED) Date Collected: 03/30/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 11:36

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413014.D

Level: (LOW/MED) _____ Date Collected: 03/30/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 11:36

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.26	J
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413014.D

Level: (LOW/MED) Date Collected: 03/30/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 11:36

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

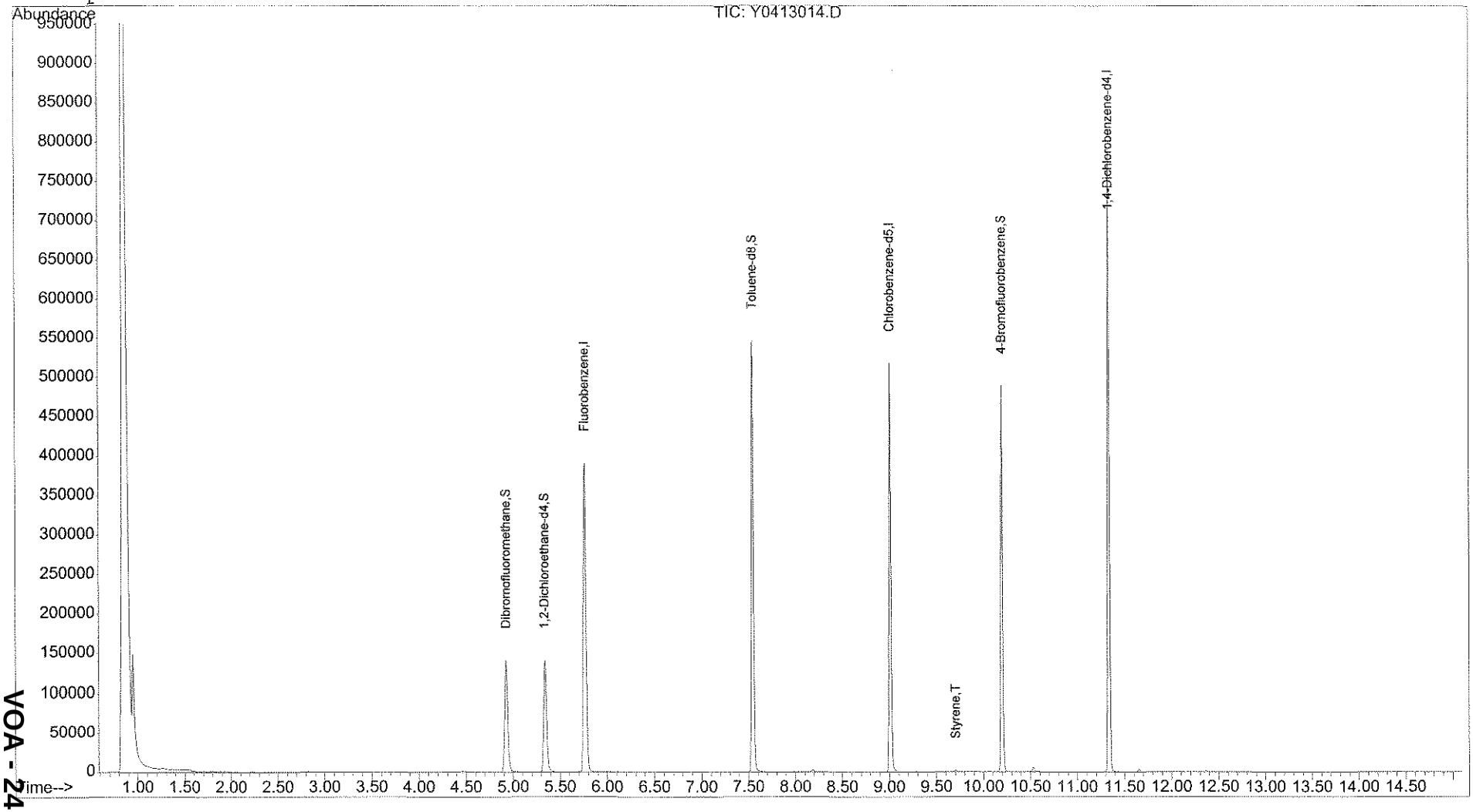
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413014.D Vial: 28
Acq On : 13 Apr 2007 11:36 Operator: LNH
Sample : JPL30-001 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:05 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 24

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413014.D Vial: 28
Acq On : 13 Apr 2007 11:36 Operator: LNH
Sample : JPL30-001 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:05 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	359058	50.00	ug/l	0.00 105.69%
50) Chlorobenzene-d5	9.01	82	132450	50.00	ug/l	0.00 82.18%
70) 1,4-Dichlorobenzene-d4	11.34	152	174645	50.00	ug/l	0.00 77.50%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	101256	46.61	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 93.22%			
37) 1,2-Dichloroethane-d4	5.34	65	111404	48.34	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.68%			
51) Toluene-d8	7.55	98	322705	61.39	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 122.78%#			
72) 4-Bromofluorobenzene	10.20	95	127566	50.56	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.21	76	885	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.	d	
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413014.D Vial: 28
Acq On : 13 Apr 2007 11:36 Operator: LNH
Sample : JPL30-001 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:05 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	Chloroprene	0.00	53	0	N.D.			
25)	2,2-Dichloropropane	0.00	77	0	N.D.			
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.			
27)	2-Butanone	0.00	43	0	N.D.			
28)	Propionitrile	0.00	54	0	N.D.			
29)	Bromochloromethane	0.00	128	0	N.D.			
30)	Methacrylonitrile	0.00	41	0	N.D.			
31)	Chloroform	0.00	83	0	N.D.			
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.			
34)	Cyclohexane	0.00	56	0	N.D.			
35)	Carbon Tetrachloride	0.00	117	0	N.D.			
36)	1,1-Dichloropropene	0.00	75	0	N.D.			
38)	Benzene	5.39	78	250	N.D.			
39)	1,2-Dichloroethane	0.00	62	0	N.D.			
40)	Isobutanol	0.00	43	0	N.D.			
41)	Trichloroethene	0.00	130	0	N.D.			
42)	Methylcyclohexane	0.00	83	0	N.D.			
43)	1,2-Dichloropropane	0.00	63	0	N.D.			
44)	Dibromomethane	0.00	93	0	N.D.			
45)	Methyl methacrylate	0.00	41	0	N.D.			
46)	Bromodichloromethane	0.00	83	0	N.D.			
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.			
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.			
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.			d
52)	Toluene	7.61	92	310	N.D.			
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.			
54)	Ethyl methacrylate	0.00	69	0	N.D.			
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.			
56)	Tetrachloroethene	0.00	166	0	N.D.			
57)	1,3-Dichloropropane	0.00	76	0	N.D.			
58)	2-Hexanone	0.00	43	0	N.D.			
59)	Dibromochloromethane	0.00	129	0	N.D.			
60)	1,2-Dibromoethane	0.00	107	0	N.D.			
61)	Chlorobenzene	0.00	112	0	N.D.			
62)	1-Chlorohexane	9.02	91	416	N.D.			
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.			
64)	Ethylbenzene	9.17	91	658	N.D.			
65)	m,p-Xylene	9.29	106	310	N.D.			
66)	o-xylene	0.00	106	0	N.D.			
67)	Styrene	9.70	104	1253	0.26	ug/l	✓	92
68)	Bromoform	0.00	173	0	N.D.			

CENL 4/16/07

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

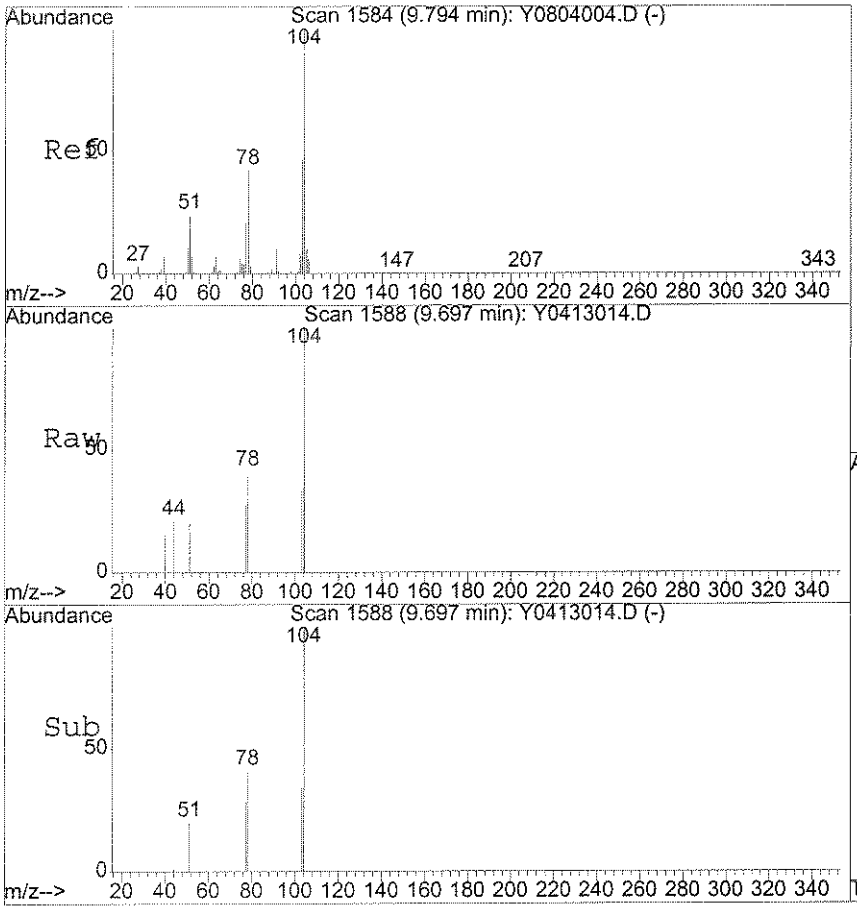
Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413014.D Vial: 28
Acq On : 13 Apr 2007 11:36 Operator: LNH
Sample : JPL30-001 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:05 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	10.20	105	106	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	10.47	91	144	N.D.	
78)	4-Chlorotoluene	10.47	91	144	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	131	N.D.	
82)	sec-butylbenzene	11.18	105	59	N.D.	
83)	1,3-Dichlorobenzene	11.36	146	55	N.D.	
84)	4-Isopropyltoluene	11.34	119	341	N.D.	
85)	1,4-Dichlorobenzene	11.36	146	55	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	11.74	91	147	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	13.31	180	60	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

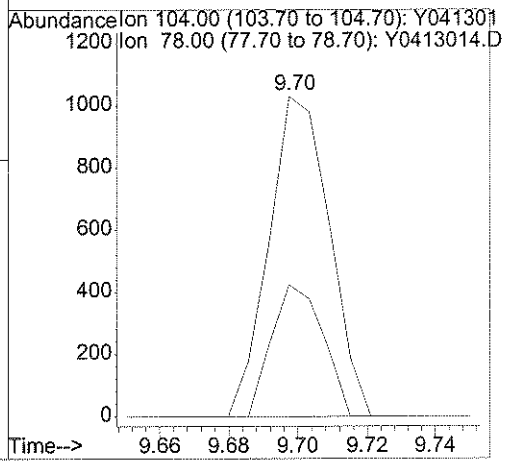
(#) = qualifier out of range (m) = manual integration



#67
Styrene
Concen: 0.26 ug/l
RT: 9.70 min Scan# 1588
Delta R.T. 0.00 min
Lab File: Y0413014.D
Acq: 13 Apr 2007 11:36

Tgt Ion:104 Resp: 1253

Ion	Ratio	Lower	Upper
104	100		
78	35.0	19.7	59.7



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413015.D

Level: (LOW/MED) Date Collected: 03/30/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 12:01

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413015.D

Level: (LOW/MED) Date Collected: 03/30/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 12:01

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413015.D

Level: (LOW/MED) Date Collected: 03/30/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 12:01

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

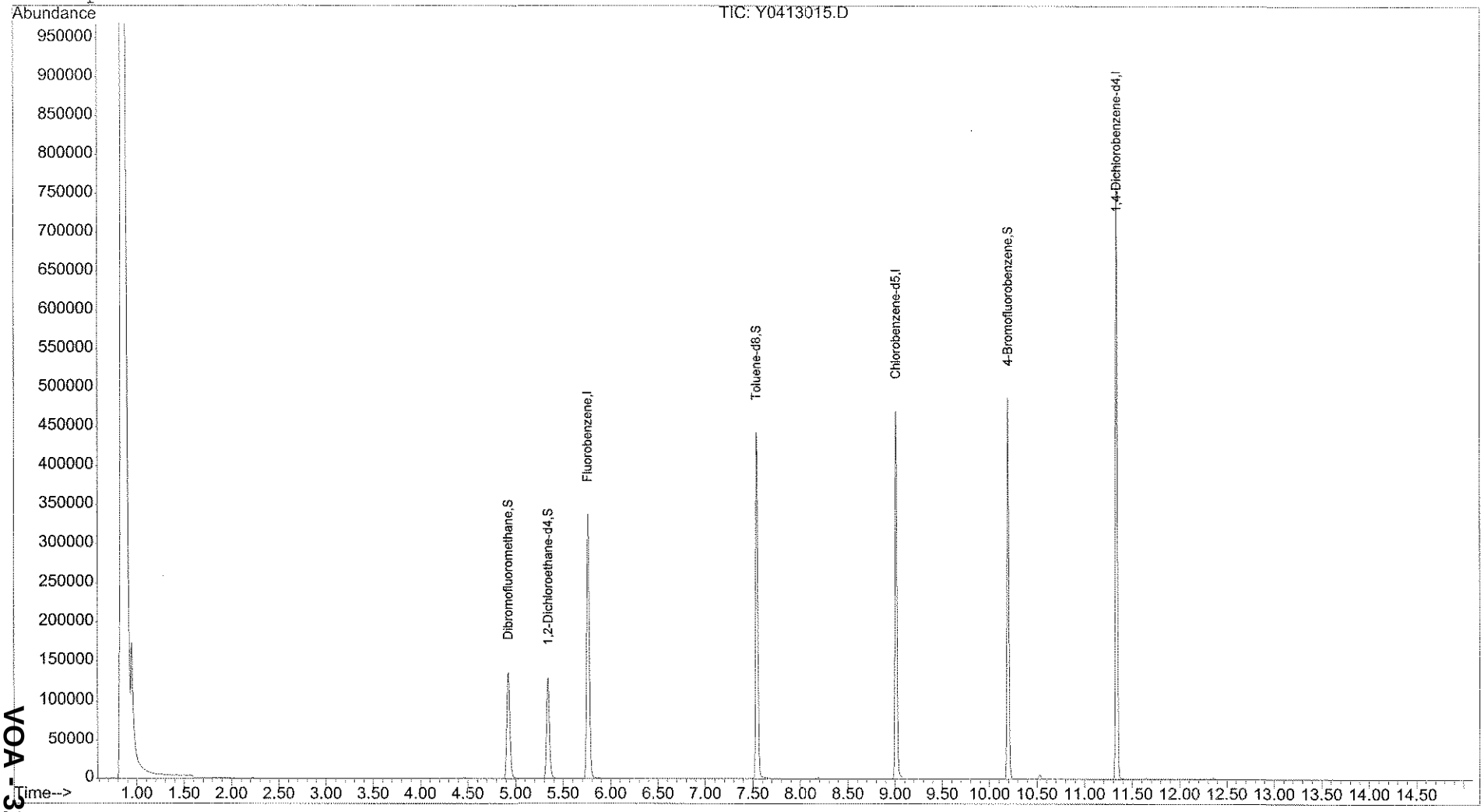
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413015.D Vial: 29
Acq On : 13 Apr 2007 12:01 Operator: LNH
Sample : JPL30-002 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:06 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA-32

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413015.D Vial: 29
Acq On : 13 Apr 2007 12:01 Operator: LNH
Sample : JPL30-002 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:06 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	307780	50.00	ug/l	0.00 90.59%
50) Chlorobenzene-d5	9.01	82	123268	50.00	ug/l	0.00 76.48%
70) 1,4-Dichlorobenzene-d4	11.34	152	174215	50.00	ug/l	0.00 77.31%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	98152	52.71	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 105.42%			
37) 1,2-Dichloroethane-d4	5.34	65	99699	50.47	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.94%			
51) Toluene-d8	7.54	98	267261	54.63	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 109.26%			
72) 4-Bromofluorobenzene	10.20	95	126699	50.34	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	1010	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	2.83	53	119	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413015.D Vial: 29
Acq On : 13 Apr 2007 12:01 Operator: LNH
Sample : JPL30-002 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:06 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	0.00	78	0	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	7.61	92	209	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.02	91	408	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.17	91	219	N.D.		
65)	m,p-Xylene	9.30	106	195	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	9.70	104	216	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413015.D Vial: 29
Acq On : 13 Apr 2007 12:01 Operator: LNH
Sample : JPL30-002 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:06 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	0.00	105	0	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	10.46	91	60	N.D.	
78)	4-Chlorotoluene	10.46	91	60	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	71	N.D.	
82)	sec-butylbenzene	11.01	105	71	N.D.	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
84)	4-Isopropyltoluene	11.33	119	251	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	11.74	91	313	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413016.D

Level: (LOW/MED) _____ Date Collected: 03/30/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 12:26

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413016.D

Level: (LOW/MED) Date Collected: 03/30/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 12:26

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.43	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413016.D

Level: (LOW/MED) Date Collected: 03/30/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 12:26

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

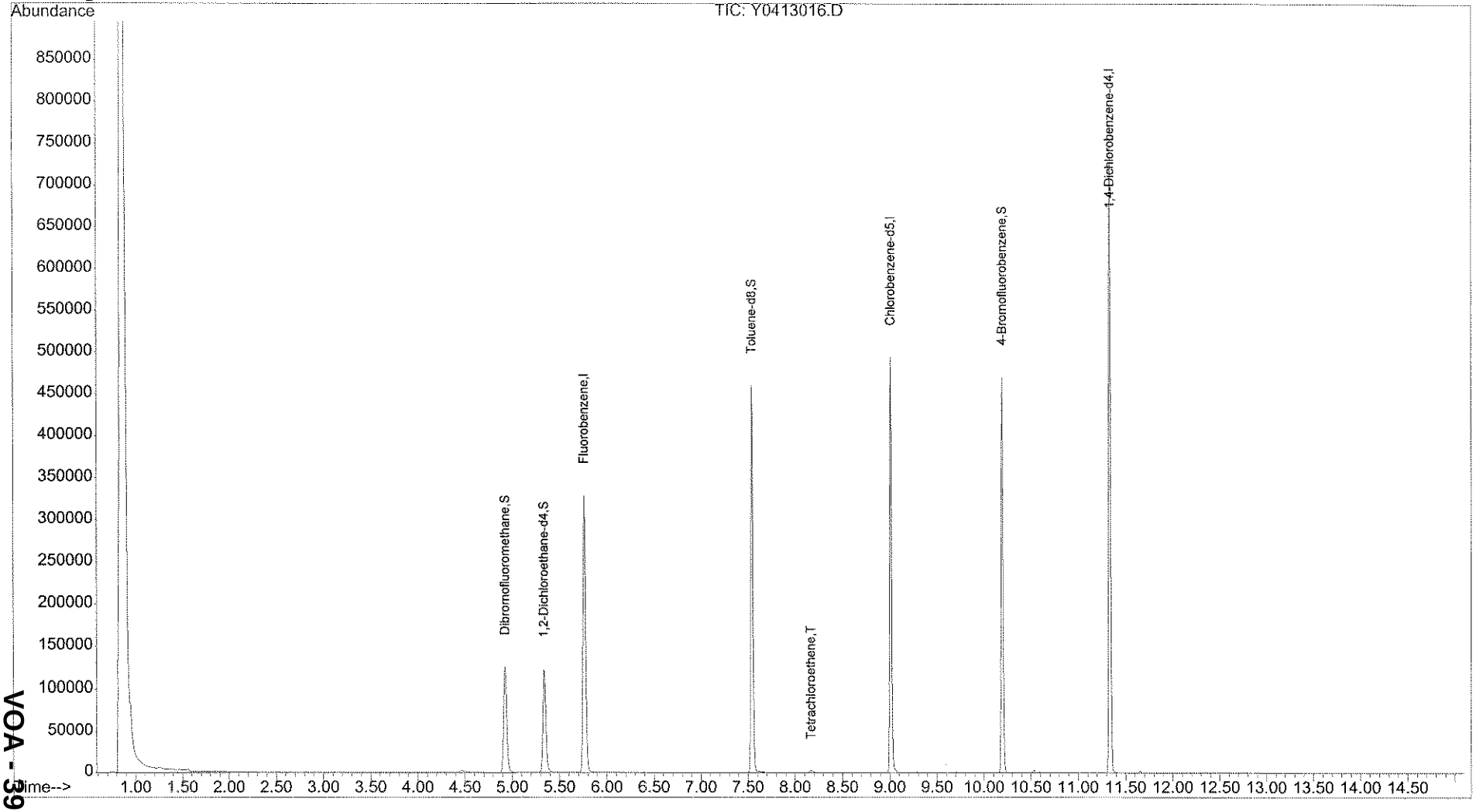
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413016.D Vial: 30
Acq On : 13 Apr 2007 12:26 Operator: LNH
Sample : JPL30-003 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:07 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413016.D Vial: 30
Acq On : 13 Apr 2007 12:26 Operator: LNH
Sample : JPL30-003 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:07 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	303220	50.00	ug/l	0.00 89.25%
50) Chlorobenzene-d5	9.01	82	123663	50.00	ug/l	0.00 76.73%
70) 1,4-Dichlorobenzene-d4	11.34	152	164169	50.00	ug/l	0.00 72.85%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	93156	50.78	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.56%			
37) 1,2-Dichloroethane-d4	5.34	65	97380	50.03	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.06%			
51) Toluene-d8	7.54	98	271584	55.34	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 110.68%			
72) 4-Bromofluorobenzene	10.20	95	123717	52.16	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	291	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.	d	
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413016.D Vial: 30
Acq On : 13 Apr 2007 12:26 Operator: LNH
Sample : JPL30-003 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:07 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	Chloroprene	0.00	53	0	N.D.			
25)	2,2-Dichloropropane	0.00	77	0	N.D.			
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.			
27)	2-Butanone	0.00	43	0	N.D.			
28)	Propionitrile	0.00	54	0	N.D.			
29)	Bromochloromethane	0.00	128	0	N.D.			
30)	Methacrylonitrile	0.00	41	0	N.D.			
31)	Chloroform	0.00	83	0	N.D.			
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.			
34)	Cyclohexane	0.00	56	0	N.D.			
35)	Carbon Tetrachloride	0.00	117	0	N.D.			
36)	1,1-Dichloropropene	0.00	75	0	N.D.			
38)	Benzene	5.40	78	55	N.D.			
39)	1,2-Dichloroethane	0.00	62	0	N.D.			
40)	Isobutanol	0.00	43	0	N.D.			
41)	Trichloroethene	0.00	130	0	N.D.			
42)	Methylcyclohexane	0.00	83	0	N.D.			
43)	1,2-Dichloropropane	0.00	63	0	N.D.			
44)	Dibromomethane	0.00	93	0	N.D.			
45)	Methyl methacrylate	0.00	41	0	N.D.			
46)	Bromodichloromethane	0.00	83	0	N.D.			
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.			
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.			
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d		
52)	Toluene	7.62	92	163	N.D.			
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.			
54)	Ethyl methacrylate	0.00	69	0	N.D.			
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.			
56)	Tetrachloroethene	8.16	166	730	0.43	ug/l	#✓	80
57)	1,3-Dichloropropane	0.00	76	0	N.D.			
58)	2-Hexanone	0.00	43	0	N.D.			
59)	Dibromochloromethane	0.00	129	0	N.D.			
60)	1,2-Dibromoethane	0.00	107	0	N.D.			
61)	Chlorobenzene	0.00	112	0	N.D.			
62)	1-Chlorohexane	9.01	91	368	N.D.			
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.			
64)	Ethylbenzene	9.17	91	401	N.D.			
65)	m,p-Xylene	9.29	106	82	N.D.			
66)	o-xylene	0.00	106	0	N.D.			
67)	Styrene	9.70	104	453	N.D.			
68)	Bromoform	0.00	173	0	N.D.			

LNH 4/16/07

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

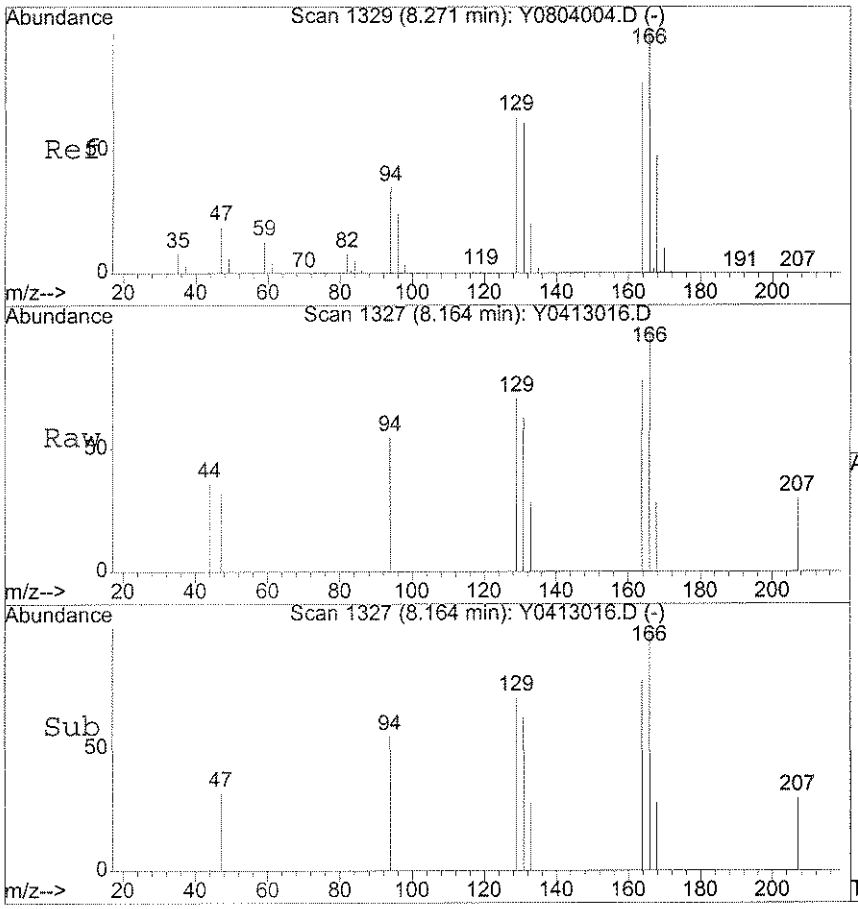
Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413016.D Vial: 30
Acq On : 13 Apr 2007 12:26 Operator: LNH
Sample : JPL30-003 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:07 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	10.20	105	74	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	4-Chlorotoluene	0.00	91	0	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D.	
83)	1,3-Dichlorobenzene	11.36	146	54	N.D.	
84)	4-Isopropyltoluene	11.34	119	269	N.D.	
85)	1,4-Dichlorobenzene	11.36	146	54	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	11.74	91	257	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

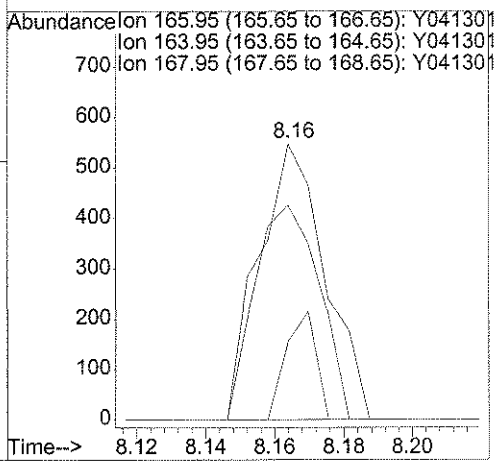
(#) = qualifier out of range (m) = manual integration



#56
Tetrachloroethene
Concen: 0.43 ug/l
RT: 8.16 min Scan# 1327
Delta R.T. 0.00 min
Lab File: Y0413016.D
Acq: 13 Apr 2007 12:26

Tgt Ion:166 Resp: 730

Ion	Ratio	Lower	Upper
166	100		
164	76.0	63.3	94.9
168	17.9	39.6	59.4#



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413017.D

Level: (LOW/MED) _____ Date Collected: 03/30/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 12:50

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.26	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413017.D

Level: (LOW/MED) _____ Date Collected: 03/30/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 12:50

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413017.D

Level: (LOW/MED) Date Collected: 03/30/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 12:50

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

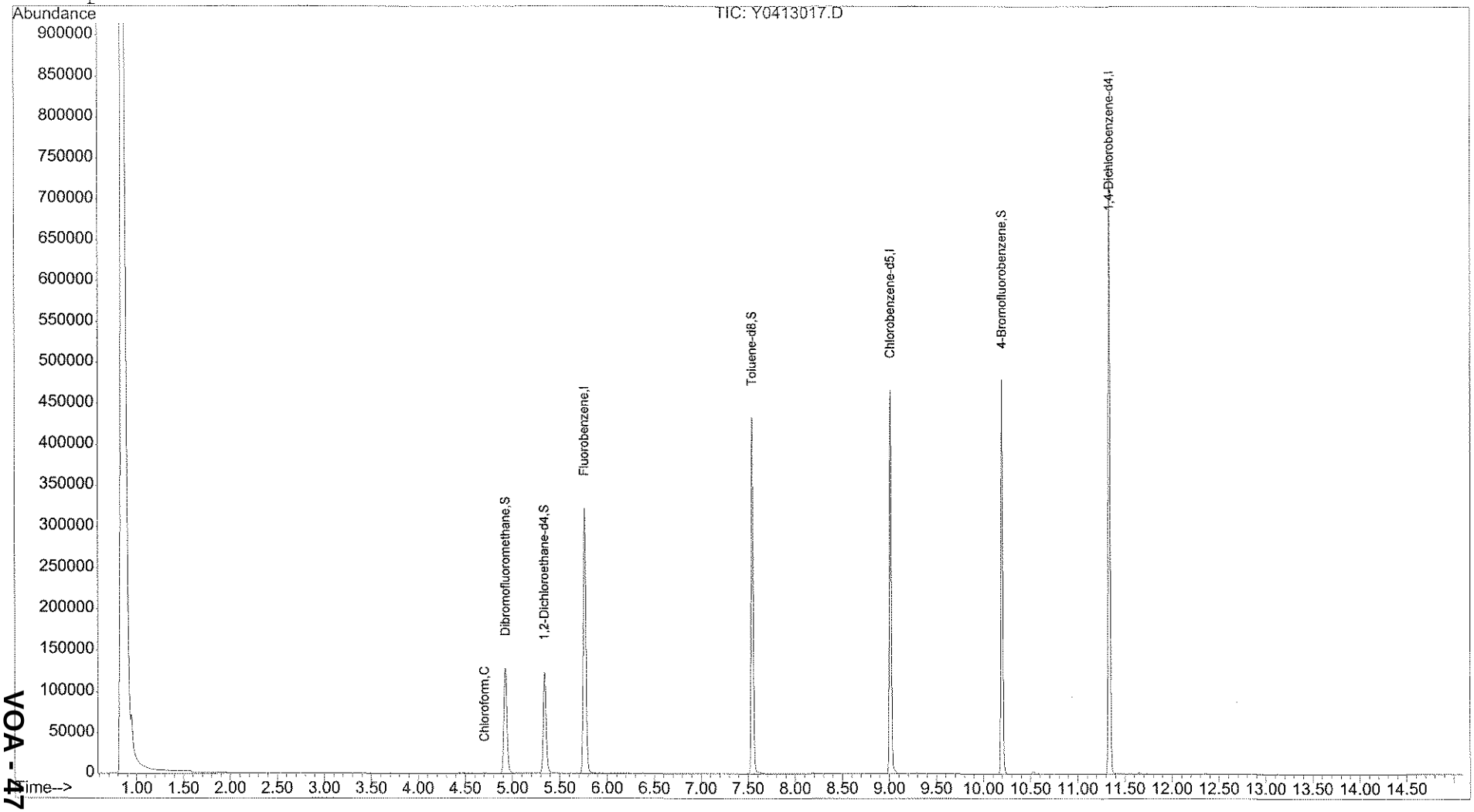
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413017.D Vial: 31
Acq On : 13 Apr 2007 12:50 Operator: LNH
Sample : JPL30-004 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:09 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 47

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413017.D Vial: 31
Acq On : 13 Apr 2007 12:50 Operator: LNH
Sample : JPL30-004 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:09 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	293701	50.00	ug/l	0.00 86.45%
50) Chlorobenzene-d5	9.01	82	119730	50.00	ug/l	0.00 74.29%
70) 1,4-Dichlorobenzene-d4	11.34	152	167118	50.00	ug/l	0.00 74.16%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	94015	52.91	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 105.82%			
37) 1,2-Dichloroethane-d4	5.34	65	96085	50.97	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.94%			
51) Toluene-d8	7.55	98	257381	54.17	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 108.34%			
72) 4-Bromofluorobenzene	10.20	95	122260	50.64	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.21	76	141	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413017.D Vial: 31
Acq On : 13 Apr 2007 12:50 Operator: LNH
Sample : JPL30-004 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:09 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	Chloroprene	0.00	53	0	N.D.			
25)	2,2-Dichloropropane	0.00	77	0	N.D.			
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.			
27)	2-Butanone	0.00	43	0	N.D.			
28)	Propionitrile	0.00	54	0	N.D.			
29)	Bromochloromethane	0.00	128	0	N.D.			
30)	Methacrylonitrile	0.00	41	0	N.D.			
31)	Chloroform	4.71	83	974	0.26	ug/l	✓	94
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.			
34)	Cyclohexane	0.00	56	0	N.D.			
35)	Carbon Tetrachloride	0.00	117	0	N.D.			
36)	1,1-Dichloropropene	0.00	75	0	N.D.			
38)	Benzene	0.00	78	0	N.D.			
39)	1,2-Dichloroethane	0.00	62	0	N.D.			
40)	Isobutanol	0.00	43	0	N.D.			
41)	Trichloroethene	0.00	130	0	N.D.			
42)	Methylcyclohexane	0.00	83	0	N.D.			
43)	1,2-Dichloropropane	0.00	63	0	N.D.			
44)	Dibromomethane	0.00	93	0	N.D.			
45)	Methyl methacrylate	0.00	41	0	N.D.			
46)	Bromodichloromethane	0.00	83	0	N.D.			
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.			
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.			
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d	
52)	Toluene	0.00	92	0	N.D.			
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.			
54)	Ethyl methacrylate	0.00	69	0	N.D.			
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.			
56)	Tetrachloroethene	0.00	166	0	N.D.			
57)	1,3-Dichloropropane	0.00	76	0	N.D.			
58)	2-Hexanone	0.00	43	0	N.D.			
59)	Dibromochloromethane	0.00	129	0	N.D.			
60)	1,2-Dibromoethane	0.00	107	0	N.D.			
61)	Chlorobenzene	0.00	112	0	N.D.			
62)	1-Chlorohexane	9.01	91	317	N.D.			
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.			
64)	Ethylbenzene	9.17	91	138	N.D.			
65)	m,p-Xylene	9.29	106	207	N.D.			
66)	o-xylene	0.00	106	0	N.D.			
67)	Styrene	0.00	104	0	N.D.			
68)	Bromoform	0.00	173	0	N.D.			

LNH 4/16/07

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

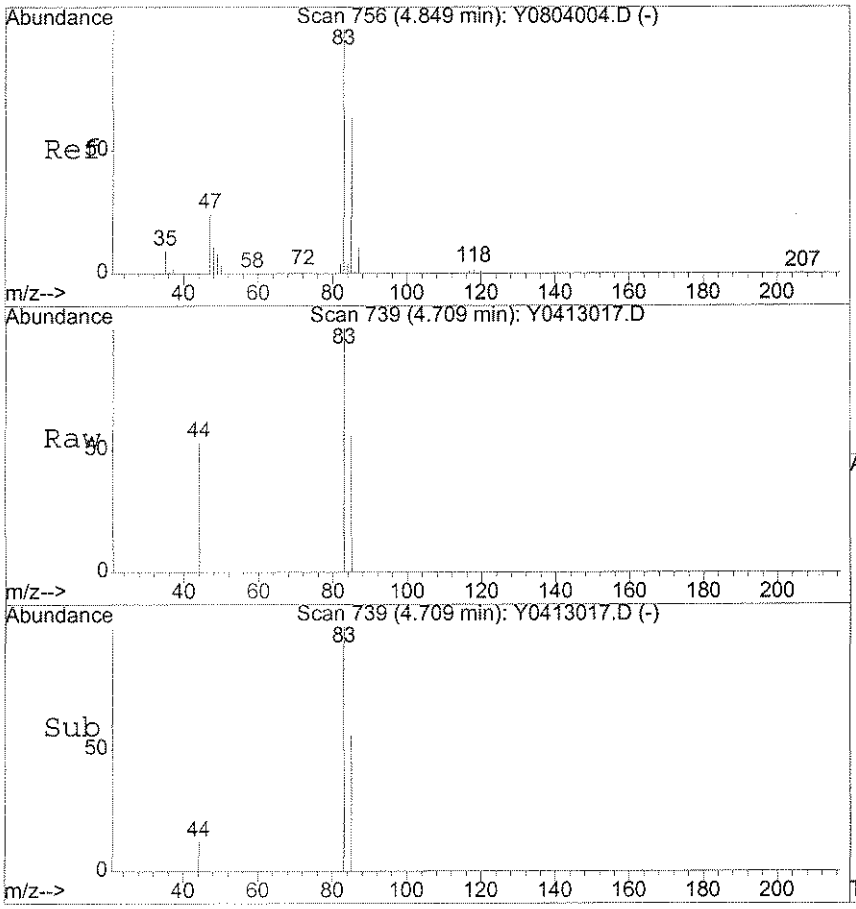
Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413017.D Vial: 31
Acq On : 13 Apr 2007 12:50 Operator: LNH
Sample : JPL30-004 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:09 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	0.00	105	0	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	10.47	91	57	N.D.		
78)	4-Chlorotoluene	10.47	91	57	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
82)	sec-butylbenzene	0.00	105	0	N.D.		
83)	1,3-Dichlorobenzene	11.36	146	55	N.D.		
84)	4-Isopropyltoluene	11.34	119	210	N.D.		
85)	1,4-Dichlorobenzene	11.36	146	55	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	11.74	91	235	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

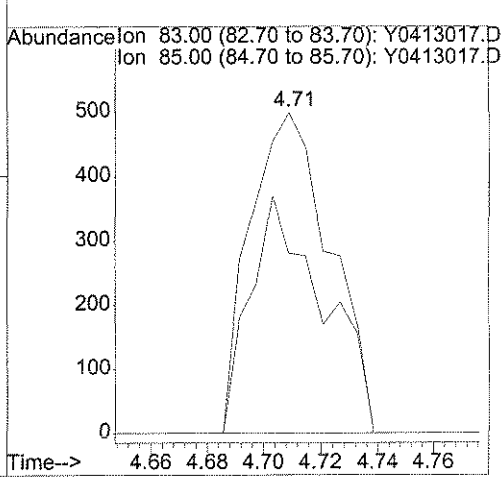
(#) = qualifier out of range (m) = manual integration



#31
Chloroform
Concen: 0.26 ug/l
RT: 4.71 min Scan# 739
Delta R.T. 0.01 min
Lab File: Y0413017.D
Acq: 13 Apr 2007 12:50

Tgt Ion: 83 Resp: 974

Ion	Ratio	Lower	Upper
83	100		
85	67.8	43.3	83.3



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413018.D

Level: (LOW/MED) _____ Date Collected: 03/30/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 13:14

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413018.D

Level: (LOW/MED) Date Collected: 03/30/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 13:14

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413018.D

Level: (LOW/MED) _____ Date Collected: 03/30/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 13:14

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

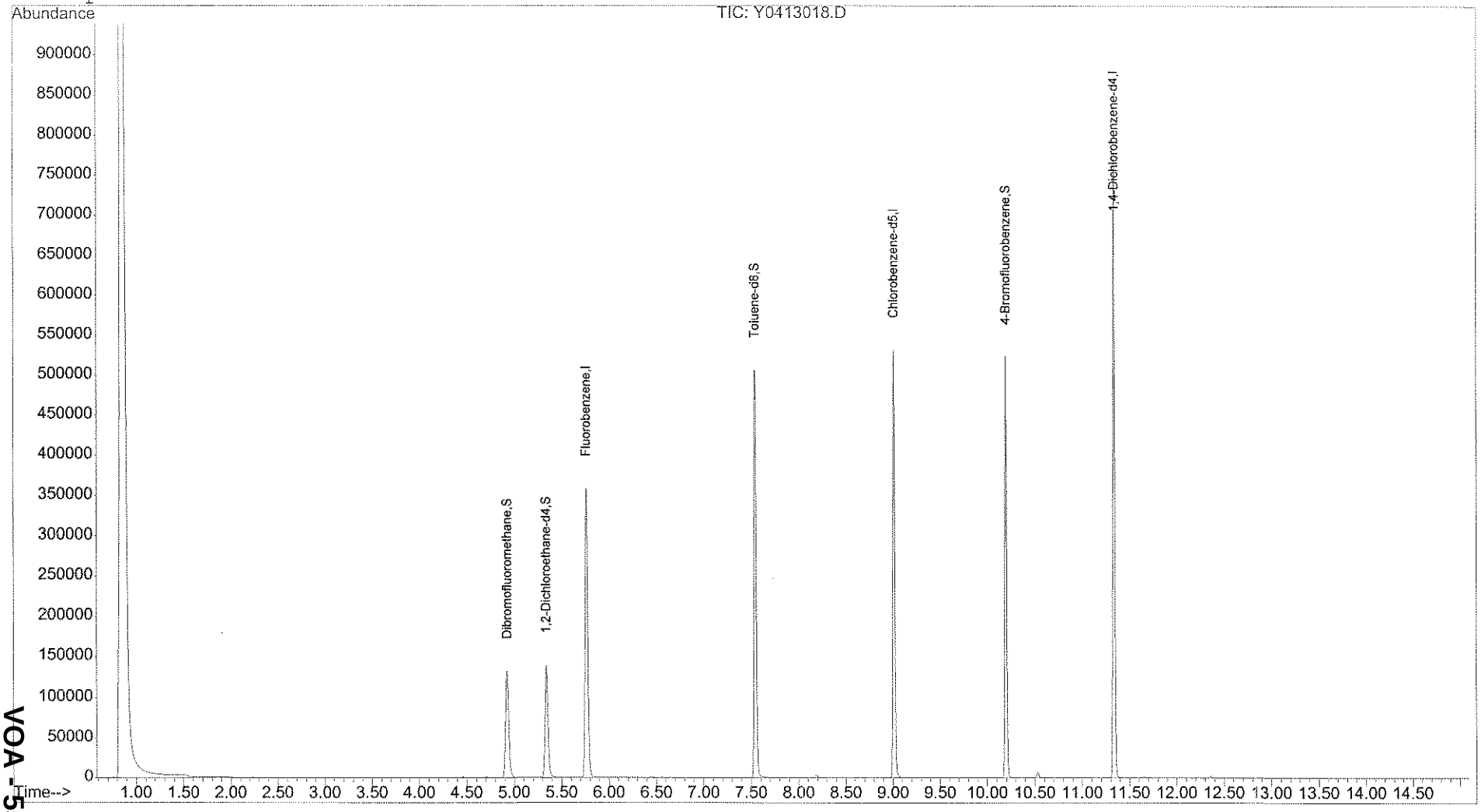
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413018.D Vial: 32
Acq On : 13 Apr 2007 13:14 Operator: LNH
Sample : JPL30-005 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:10 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA-55

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413018.D Vial: 32
Acq On : 13 Apr 2007 13:14 Operator: LNH
Sample : JPL30-005 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:10 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	333245	50.00	ug/l	0.00 98.09%
50) Chlorobenzene-d5	9.01	82	136379	50.00	ug/l	0.00 84.61%
70) 1,4-Dichlorobenzene-d4	11.34	152	174361	50.00	ug/l	0.00 77.37%
System Monitoring Compounds						
33) Dibromofluoromethane	4.92	111	99323	49.26	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 98.52%			
37) 1,2-Dichloroethane-d4	5.34	65	106906	49.98	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.96%			
51) Toluene-d8	7.55	98	305595	56.46	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 112.92%			
72) 4-Bromofluorobenzene	10.20	95	134890	53.55	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	149	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413018.D Vial: 32
Acq On : 13 Apr 2007 13:14 Operator: LNH
Sample : JPL30-005 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:10 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	4.71	83	778	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	0.00	78	0	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	6.79	83	53	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
52)	Toluene	0.00	92	0	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	433	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.29	91	132	N.D.		
65)	m,p-Xylene	0.00	106	0	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413018.D Vial: 32
Acq On : 13 Apr 2007 13:14 Operator: LNH
Sample : JPL30-005 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:10 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	10.20	105	114	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	10.47	91	70	N.D.	
78)	4-Chlorotoluene	10.47	91	70	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D.	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
84)	4-Isopropyltoluene	11.34	119	269	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	11.74	91	140	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-3-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413019.D

Level: (LOW/MED) Date Collected: 03/30/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 13:39

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.34	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-3-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413019.D

Level: (LOW/MED) Date Collected: 03/30/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 13:39

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-3-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413019.D

Level: (LOW/MED) Date Collected: 03/30/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 13:39

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

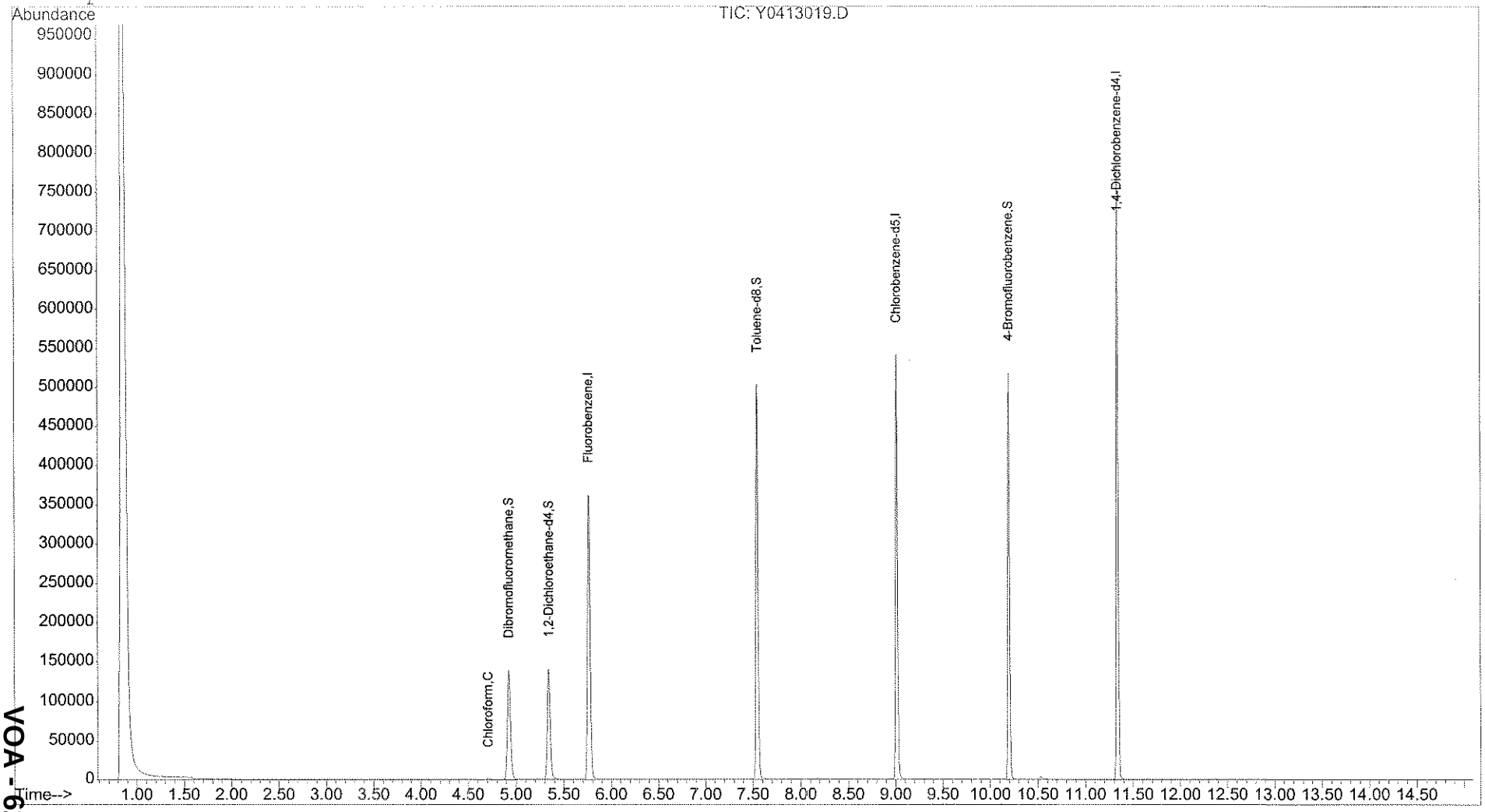
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413019.D Vial: 33
Acq On : 13 Apr 2007 13:39 Operator: LNH
Sample : JPL30-006 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:10 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA-62

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413019.D Vial: 33
Acq On : 13 Apr 2007 13:39 Operator: LNH
Sample : JPL30-006 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:10 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	333454	50.00	ug/l	0.00 98.15%
50) Chlorobenzene-d5	9.01	82	137177	50.00	ug/l	0.00 85.11%
70) 1,4-Dichlorobenzene-d4	11.34	152	174904	50.00	ug/l	0.00 77.61%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	99524	49.33	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 98.66%			
37) 1,2-Dichloroethane-d4	5.34	65	108210	50.56	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.12%			
51) Toluene-d8	7.55	98	301048	55.30	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 110.60%			
72) 4-Bromofluorobenzene	10.20	95	133775	52.94	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	65	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413019.D
Acq On : 13 Apr 2007 13:39
Sample : JPL30-006
Misc : 5mL+IS/SS #2
MS Integration Params: rteint.p
Quant Time: Apr 16 9:10 2007

Vial: 33
Operator: LNH
Inst : yoda
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	Chloroprene	0.00	53	0	N.D.			
25)	2,2-Dichloropropane	0.00	77	0	N.D.			
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.			
27)	2-Butanone	0.00	43	0	N.D.			
28)	Propionitrile	0.00	54	0	N.D.			
29)	Bromochloromethane	0.00	128	0	N.D.			
30)	Methacrylonitrile	0.00	41	0	N.D.			
31)	Chloroform	4.71	83	1465	0.34	ug/l	✓	93
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.			
34)	Cyclohexane	0.00	56	0	N.D.			
35)	Carbon Tetrachloride	0.00	117	0	N.D.			
36)	1,1-Dichloropropene	0.00	75	0	N.D.			
38)	Benzene	0.00	78	0	N.D.			
39)	1,2-Dichloroethane	0.00	62	0	N.D.			
40)	Isobutanol	0.00	43	0	N.D.			
41)	Trichloroethene	0.00	130	0	N.D.			
42)	Methylcyclohexane	0.00	83	0	N.D.			
43)	1,2-Dichloropropane	0.00	63	0	N.D.			
44)	Dibromomethane	0.00	93	0	N.D.			
45)	Methyl methacrylate	0.00	41	0	N.D.			
46)	Bromodichloromethane	0.00	83	0	N.D.			
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.			
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.			
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d	
52)	Toluene	0.00	92	0	N.D.			
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.			
54)	Ethyl methacrylate	0.00	69	0	N.D.			
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.			
56)	Tetrachloroethene	8.17	166	200	N.D.			
57)	1,3-Dichloropropane	0.00	76	0	N.D.			
58)	2-Hexanone	0.00	43	0	N.D.			
59)	Dibromochloromethane	0.00	129	0	N.D.			
60)	1,2-Dibromoethane	0.00	107	0	N.D.			
61)	Chlorobenzene	0.00	112	0	N.D.			
62)	1-Chlorohexane	9.01	91	392	N.D.			
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.			
64)	Ethylbenzene	9.17	91	64	N.D.			
65)	m,p-Xylene	9.30	106	134	N.D.			
66)	o-xylene	0.00	106	0	N.D.			
67)	Styrene	0.00	104	0	N.D.			
68)	Bromoform	0.00	173	0	N.D.			

LNH 4/16/07

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

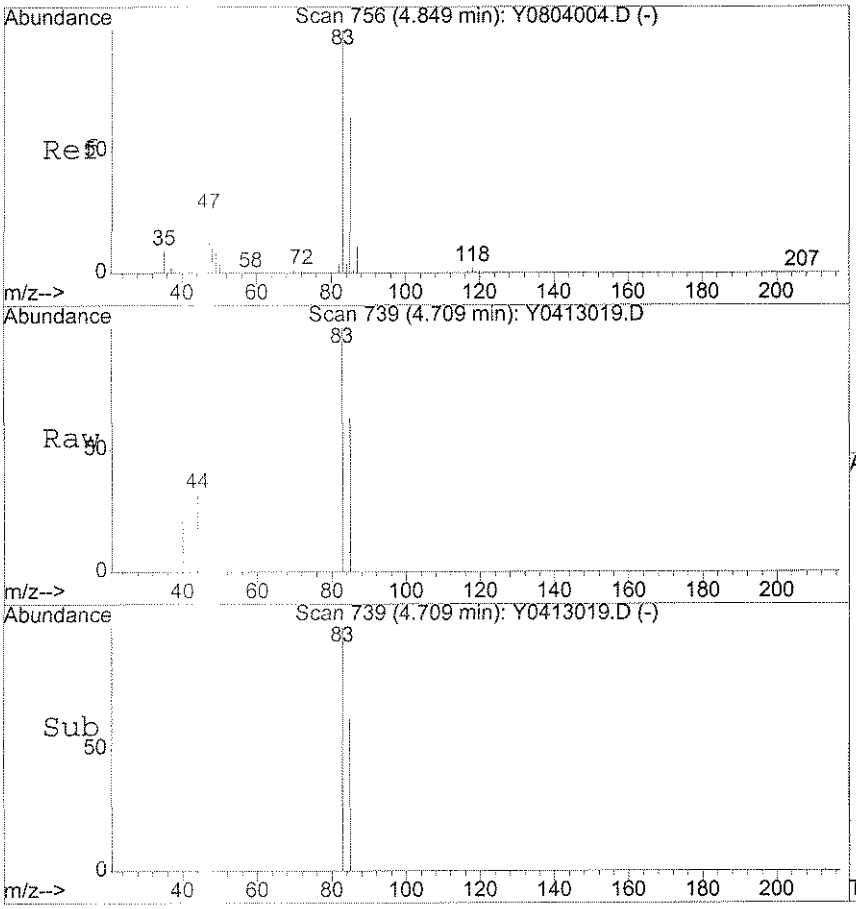
Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413019.D Vial: 33
Acq On : 13 Apr 2007 13:39 Operator: LNH
Sample : JPL30-006 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:10 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	10.20	105	54	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	0.00	91	0	N.D.		
78)	4-Chlorotoluene	0.00	91	0	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.18	105	53	N.D.		
82)	sec-butylbenzene	11.18	105	53	N.D.		
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
84)	4-Isopropyltoluene	11.34	119	290	N.D.		
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	11.74	91	143	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

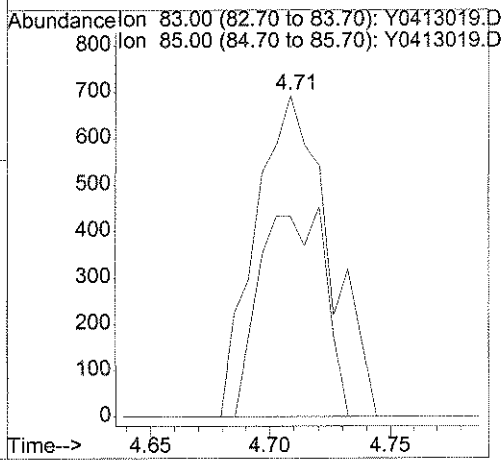
(#) = qualifier out of range (m) = manual integration



#31
Chloroform
Concen: 0.34 ug/l
RT: 4.71 min Scan# 739
Delta R.T. 0.01 min
Lab File: Y0413019.D
Acq: 13 Apr 2007 13:39

Tgt Ion: 83 Resp: 1465

Ion	Ratio	Lower	Upper
83	100		
85	57.5	43.3	83.3



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-4-3/30/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413009.D

Level: (LOW/MED) Date Collected: 03/30/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 09:33

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-4-3/30/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413009.D

Level: (LOW/MED) Date Collected: 03/30/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 09:33

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-4-3/30/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413009.D

Level: (LOW/MED) Date Collected: 03/30/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 09:33

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

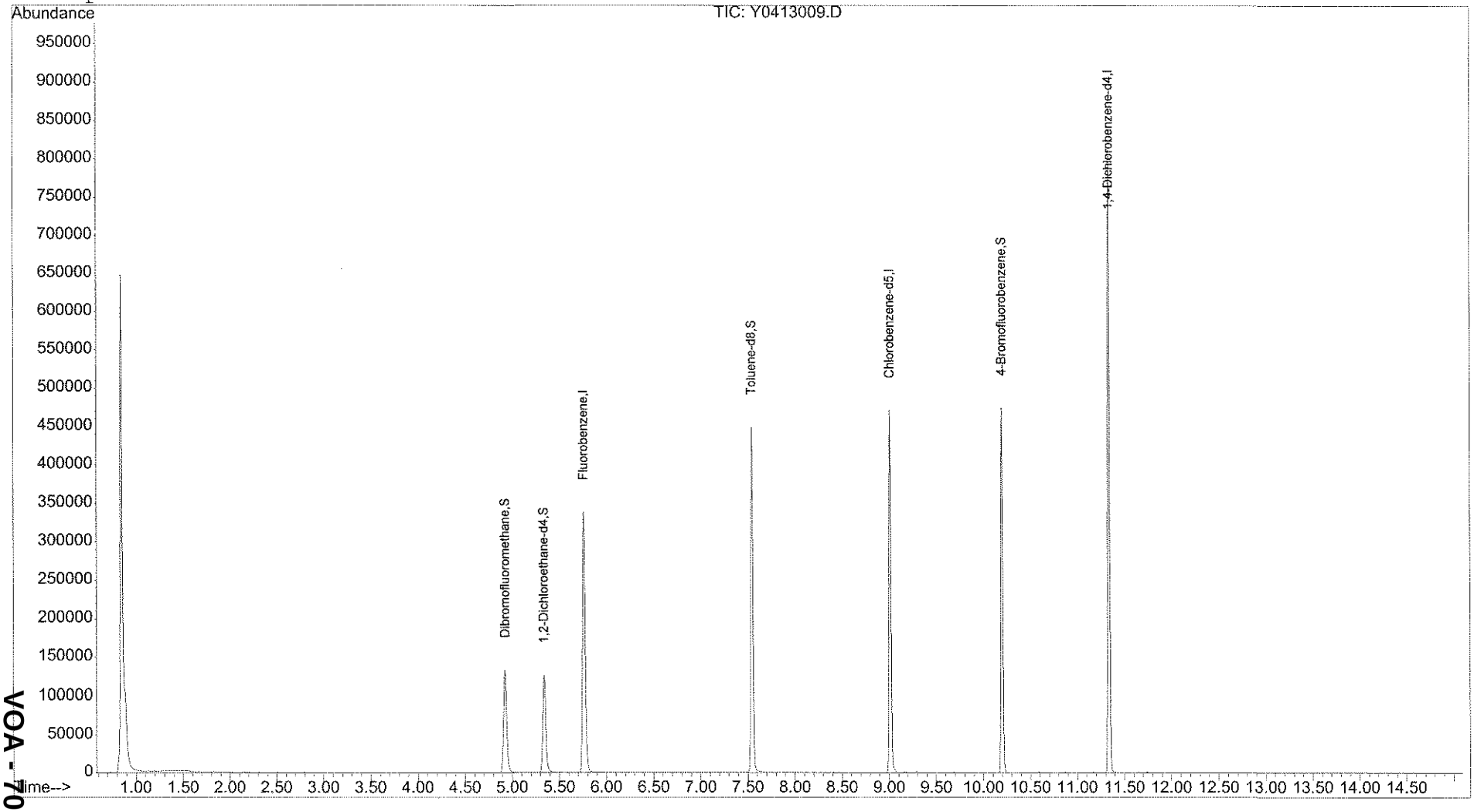
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413009.D Vial: 24
Acq On : 13 Apr 2007 9:33 Operator: LNH
Sample : JPL30-007 EB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:01 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 70

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413009.D Vial: 24
Acq On : 13 Apr 2007 9:33 Operator: LNH
Sample : JPL30-007 EB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:01 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	315215	50.00	ug/l	0.00 92.78%
50) Chlorobenzene-d5	9.01	82	122975	50.00	ug/l	0.00 76.30%
70) 1,4-Dichlorobenzene-d4	11.34	152	177246	50.00	ug/l	0.00 78.65%
System Monitoring Compounds						
33) Dibromofluoromethane	4.92	111	100158	52.52	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 105.04%			
37) 1,2-Dichloroethane-d4	5.34	65	101652	50.24	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.48%			
51) Toluene-d8	7.54	98	271891	55.71	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 111.42%			
72) 4-Bromofluorobenzene	10.20	95	128977	50.37	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	379	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413009.D Vial: 24
Acq On : 13 Apr 2007 9:33 Operator: LNH
Sample : JPL30-007 EB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:01 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	4.35	43	151	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	5.40	78	56	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	0.00	92	0	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	9.03	112	54	N.D.		
62)	1-Chlorohexane	9.02	91	360	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.17	91	775	N.D.		
65)	m,p-Xylene	9.29	106	675	N.D.		
66)	o-xylene	9.69	106	112	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413009.D Vial: 24
Acq On : 13 Apr 2007 9:33 Operator: LNH
Sample : JPL30-007 EB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:01 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	10.20	105	54	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	10.53	91	122	N.D.		
78)	4-Chlorotoluene	10.64	91	133	N.D.		
79)	1,3,5-Trimethylbenzene	10.65	105	134	N.D.		
80)	tert-Butylbenzene	10.96	119	63	N.D.		
81)	1,2,4-Trimethylbenzene	11.01	105	189	N.D.		
82)	sec-butylbenzene	11.18	105	340	N.D.		
83)	1,3-Dichlorobenzene	11.27	146	146	N.D.		
84)	4-Isopropyltoluene	11.33	119	700	N.D.		
85)	1,4-Dichlorobenzene	11.36	146	287	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	11.74	91	599	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	13.30	180	186	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.	d	
91)	Naphthalene	13.55	128	358	N.D.		
92)	1,2,3-Trichlorobenzene	13.79	180	145	N.D.		

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-4-3/30/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413010.D

Level: (LOW/MED) Date Collected: 03/30/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 09:58

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-4-3/30/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413010.D

Level: (LOW/MED) Date Collected: 03/30/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 09:58

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-4-3/30/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413010.D

Level: (LOW/MED) Date Collected: 03/30/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 09:58

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

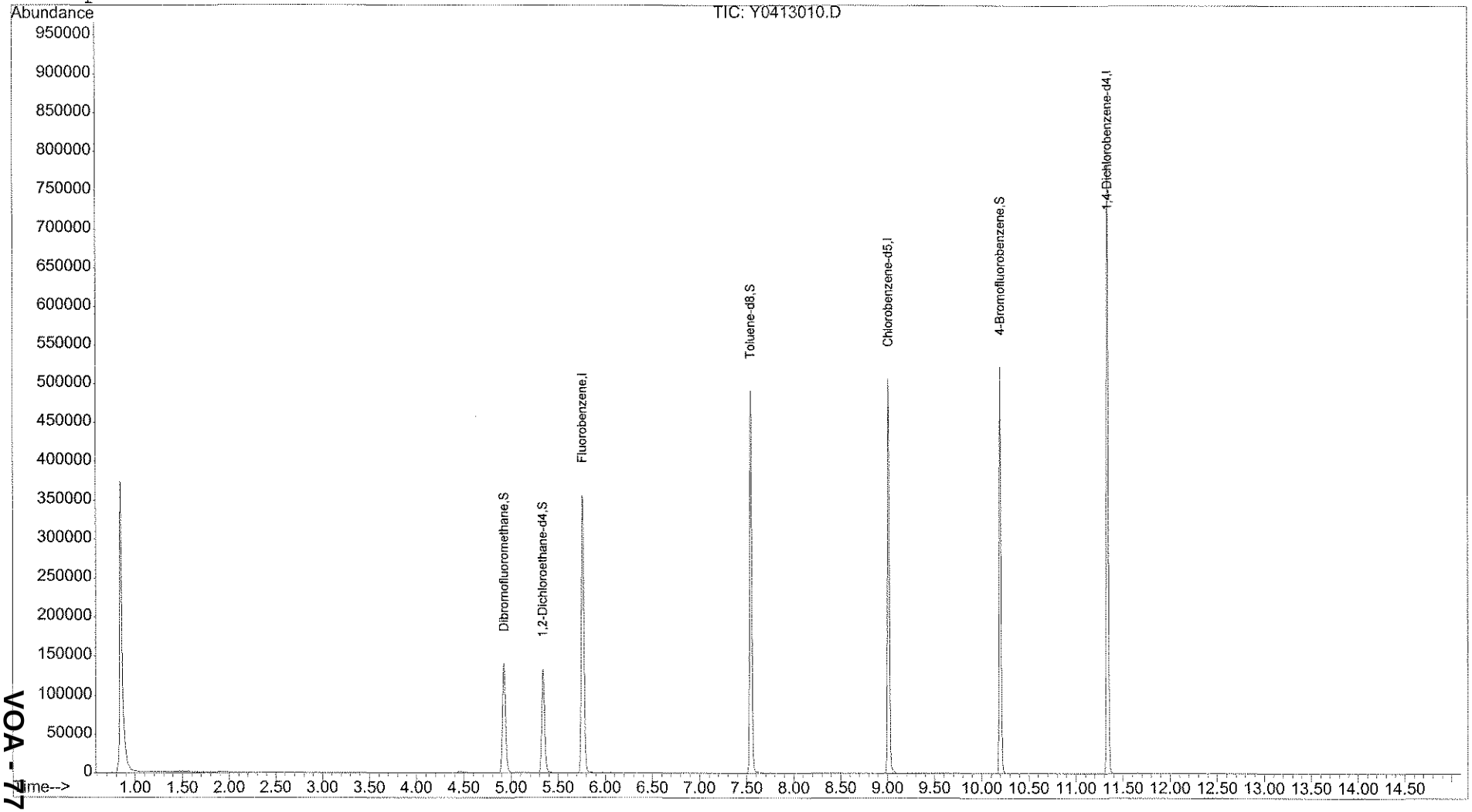
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413010.D Vial: 25
Acq On : 13 Apr 2007 9:58 Operator: LNH
Sample : JPL30-008 TB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:02 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413010.D Vial: 25
Acq On : 13 Apr 2007 9:58 Operator: LNH
Sample : JPL30-008 TB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:02 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	326599	50.00	ug/l	0.00 96.13%
50) Chlorobenzene-d5	9.01	82	131101	50.00	ug/l	0.00 81.34%
70) 1,4-Dichlorobenzene-d4	11.34	152	182244	50.00	ug/l	0.00 80.87%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	101603	51.42	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 102.84%			
37) 1,2-Dichloroethane-d4	5.34	65	105098	50.13	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.26%			
51) Toluene-d8	7.54	98	288636	55.48	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 110.96%			
72) 4-Bromofluorobenzene	10.20	95	136173	51.72	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	730	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.51	84	261	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413010.D Vial: 25
Acq On : 13 Apr 2007 9:58 Operator: LNH
Sample : JPL30-008 TB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:02 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	0.00	78	0	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
52)	Toluene	0.00	92	0	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	380	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.17	91	66	N.D.		
65)	m,p-Xylene	9.29	106	108	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413010.D Vial: 25
Acq On : 13 Apr 2007 9:58 Operator: LNH
Sample : JPL30-008 TB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:02 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	10.06	105	55	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	10.46	91	368	N.D.		
78)	4-Chlorotoluene	10.64	91	142	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.01	105	160	N.D.		
82)	sec-butylbenzene	11.18	105	335	N.D.		
83)	1,3-Dichlorobenzene	11.36	146	65	N.D.		
84)	4-Isopropyltoluene	11.34	119	446	N.D.		
85)	1,4-Dichlorobenzene	11.36	146	65	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	11.74	91	464	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	13.31	180	135	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.	d	
91)	Naphthalene	13.54	128	179	N.D.		
92)	1,2,3-Trichlorobenzene	13.79	180	69	N.D.		

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413021.D

Level: (LOW/MED) _____ Date Collected: 04/02/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 14:34

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.31	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.33	J
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413021.D

Level: (LOW/MED) _____ Date Collected: 04/02/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 14:34

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	2.9	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413021.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 14:34

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

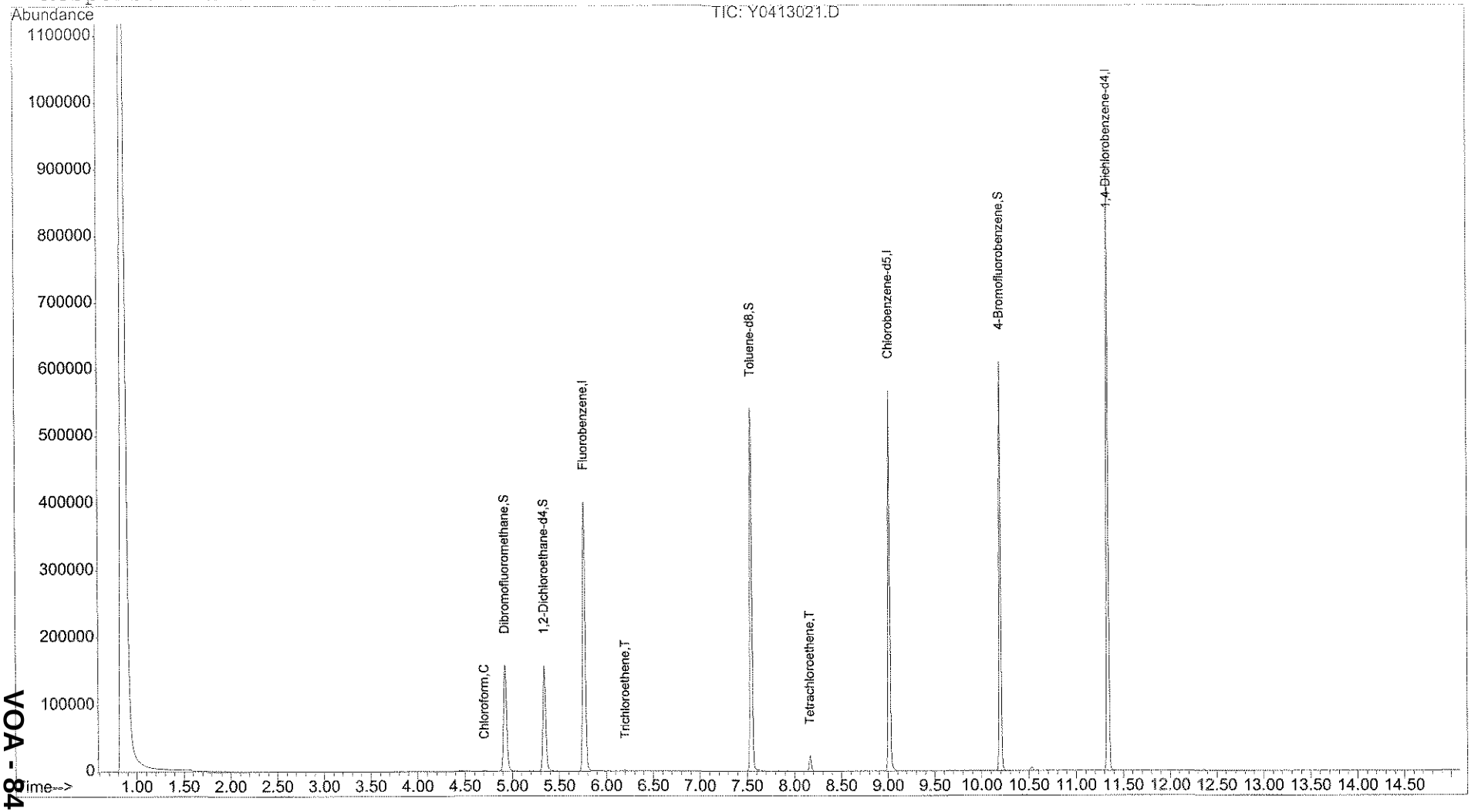
Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Data File : X:\MSVOA\YODA\041307\Y0413021.D Vial: 35
Acq On : 13 Apr 2007 14:34 Operator: LNH
Sample : JPL30-009 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:12 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413021.D Vial: 35
Acq On : 13 Apr 2007 14:34 Operator: LNH
Sample : JPL30-009 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:12 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	362333	50.00	ug/l	0.00 106.65%
50) Chlorobenzene-d5	9.01	82	145481	50.00	ug/l	0.00 90.26%
70) 1,4-Dichlorobenzene-d4	11.34	152	207324	50.00	ug/l	0.00 92.00%
System Monitoring Compounds						
33) Dibromofluoromethane	4.92	111	113156	51.62	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 103.24%			
37) 1,2-Dichloroethane-d4	5.34	65	118478	50.94	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.88%			
51) Toluene-d8	7.54	98	320360	55.49	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 110.98%			
72) 4-Bromofluorobenzene	10.20	95	151324	50.52	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	76	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	3.32	63	484	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413021.D
Acq On : 13 Apr 2007 14:34
Sample : JPL30-009
Misc : 5mL+IS/SS #3
MS Integration Params: rteint.p
Quant Time: Apr 16 9:12 2007

Vial: 35
Operator: LNH
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	4.70	83	1464	0.31 ug/l	✓	92
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	5.38	78	73	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	6.20	130	836	0.33 ug/l	# ✓	53
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
52)	Toluene	0.00	92	0	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	8.16	166	5773	2.87 ug/l	✓	97
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.02	91	488	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.29	91	256	N.D.		
65)	m,p-Xylene	0.00	106	0	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

LNH 4/16/07

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413021.D
Acq On : 13 Apr 2007 14:34
Sample : JPL30-009
Misc : 5mL+IS/SS #3
MS Integration Params: rteint.p
Quant Time: Apr 16 9:12 2007

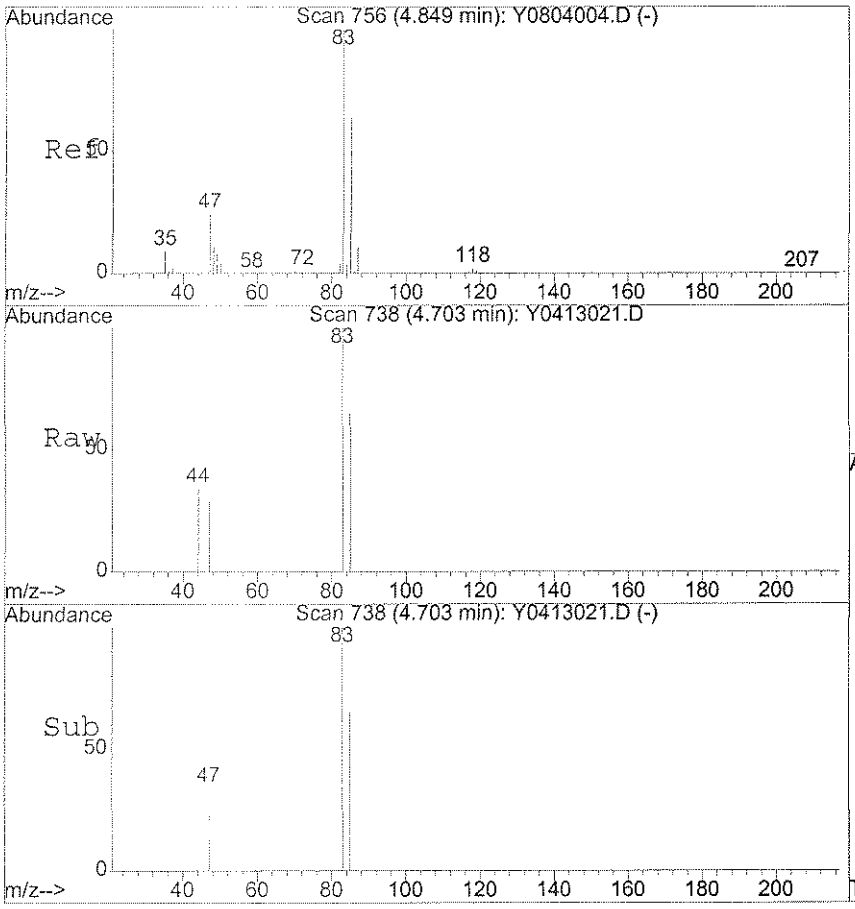
Vial: 35
Operator: LNH
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	10.20	105	293	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	10.46	91	62	N.D.		
78)	4-Chlorotoluene	10.46	91	62	N.D.		
79)	1,3,5-Trimethylbenzene	10.65	105	59	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.18	105	58	N.D.		
82)	sec-butylbenzene	11.18	105	58	N.D.		
83)	1,3-Dichlorobenzene	11.27	146	127	N.D.		
84)	4-Isopropyltoluene	11.34	119	259	N.D.		
85)	1,4-Dichlorobenzene	11.35	146	109	N.D.		
86)	1,2-Dichlorobenzene	11.72	146	81	N.D.		
87)	n-Butylbenzene	11.74	91	186	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	13.31	180	61	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	13.79	180	53	N.D.		

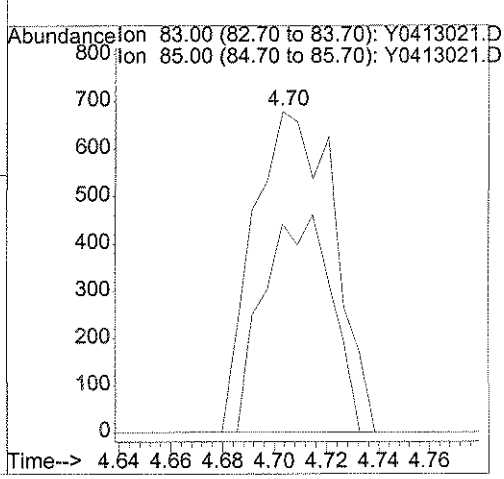
(#) = qualifier out of range (m) = manual integration

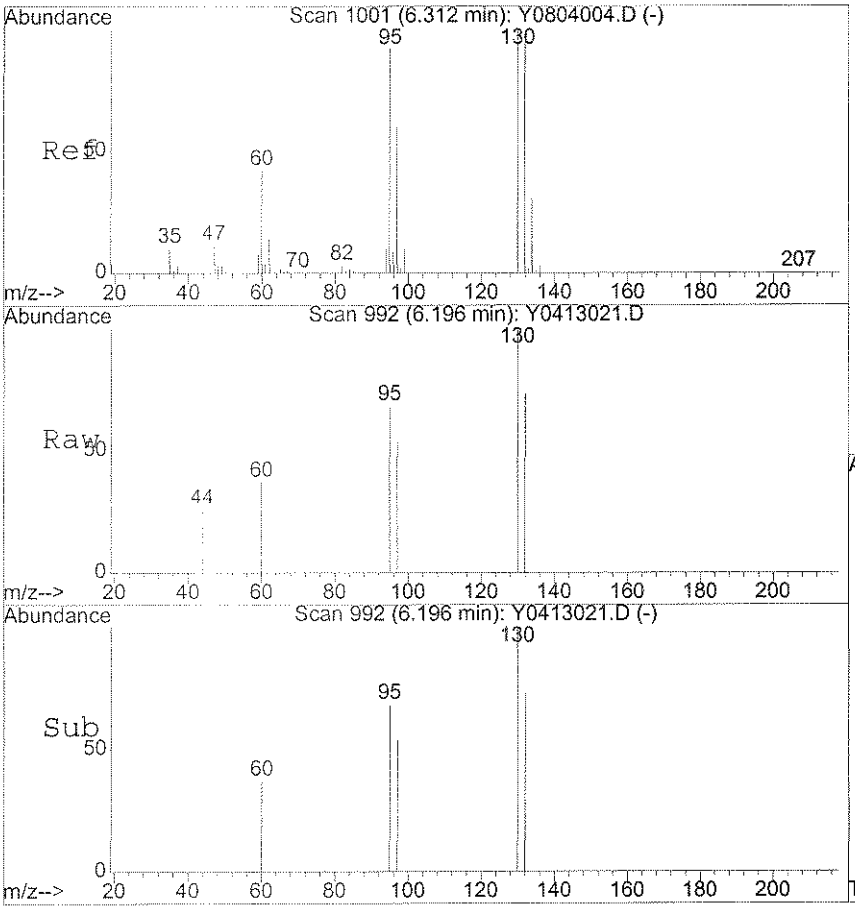


#31
Chloroform
Concen: 0.31 ug/l
RT: 4.70 min Scan# 738
Delta R.T. 0.00 min
Lab File: Y0413021.D
Acq: 13 Apr 2007 14:34

Tgt Ion: 83 Resp: 1464

Ion	Ratio	Lower	Upper
83	100		
85	57.0	43.3	83.3

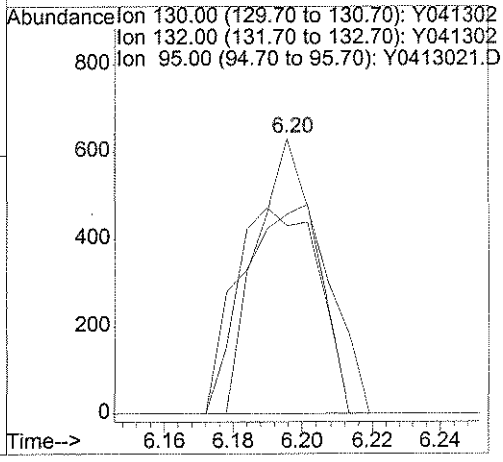


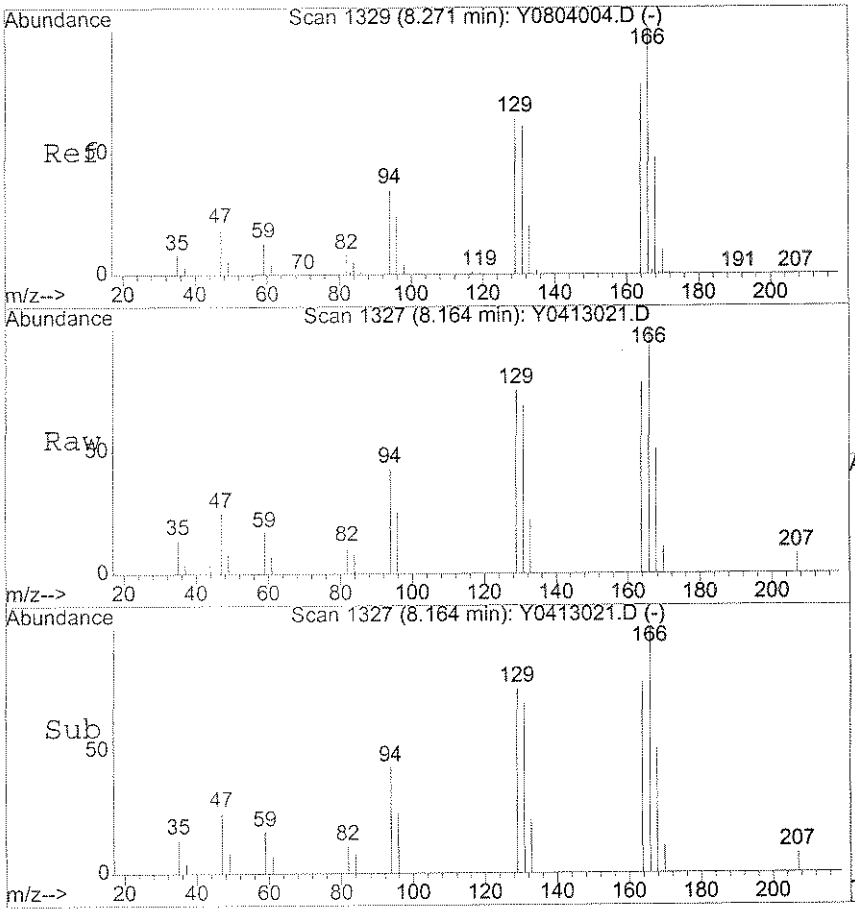


#41
Trichloroethene
Concen: 0.33 ug/l
RT: 6.20 min Scan# 992
Delta R.T. 0.01 min
Lab File: Y0413021.D
Acq: 13 Apr 2007 14:34

Tgt Ion:130 Resp: 836

Ion	Ratio	Lower	Upper
130	100		
132	93.3	75.0	115.0
95	0.0	69.4	109.4#

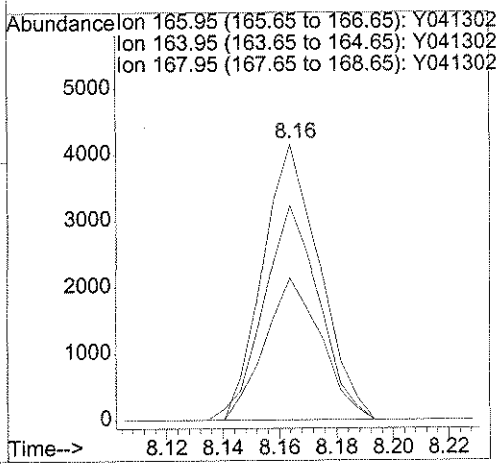




#56
Tetrachloroethene
Concen: 2.87 ug/l
RT: 8.16 min Scan# 1327
Delta R.T. 0.00 min
Lab File: Y0413021.D
Acq: 13 Apr 2007 14:34

Tgt Ion:166 Resp: 5773

Ion	Ratio	Lower	Upper
166	100		
164	75.9	63.3	94.9
168	51.1	39.6	59.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-010

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413022.D

Level: (LOW/MED) _____ Date Collected: 04/02/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 14:59

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.28	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-010

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413022.D

Level: (LOW/MED) _____ Date Collected: 04/02/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 14:59

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.71	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-010

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413022.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 14:59

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

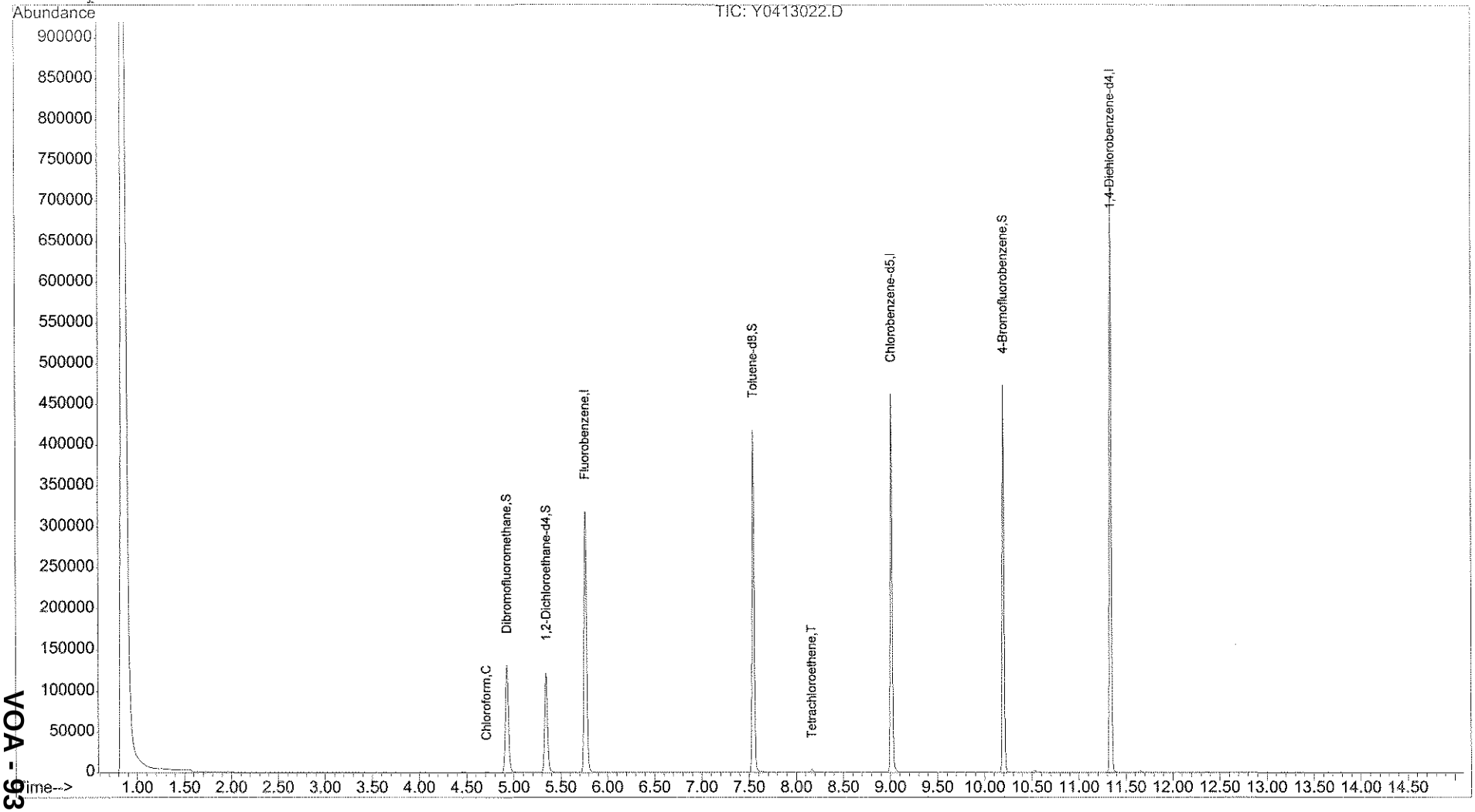
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413022.D Vial: 36
Acq On : 13 Apr 2007 14:59 Operator: LNH
Sample : JPL30-010 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:13 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 93

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413022.D
Acq On : 13 Apr 2007 14:59
Sample : JPL30-010
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Apr 16 9:13 2007

Vial: 36
Operator: LNH
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	292922	50.00	ug/l	0.00 86.22%
50) Chlorobenzene-d5	9.01	82	119109	50.00	ug/l	0.00 73.90%
70) 1,4-Dichlorobenzene-d4	11.34	152	168880	50.00	ug/l	0.00 74.94%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	94342	53.23	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 106.46%			
37) 1,2-Dichloroethane-d4	5.34	65	95965	51.04	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.08%			
51) Toluene-d8	7.55	98	253644	53.66	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 107.32%			
72) 4-Bromofluorobenzene	10.20	95	122149	50.06	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	3.32	63	59	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413022.D
Acq On : 13 Apr 2007 14:59
Sample : JPL30-010
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Apr 16 9:13 2007

Vial: 36
Operator: LNH
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	0.00	77	0	N.D.	
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
27) 2-Butanone	0.00	43	0	N.D.	
28) Propionitrile	0.00	54	0	N.D.	
29) Bromochloromethane	0.00	128	0	N.D.	
30) Methacrylonitrile	0.00	41	0	N.D.	
31) Chloroform	4.71	83	1073	0.28 ug/l ✓	98
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
34) Cyclohexane	0.00	56	0	N.D.	
35) Carbon Tetrachloride	0.00	117	0	N.D.	
36) 1,1-Dichloropropene	0.00	75	0	N.D.	
38) Benzene	0.00	78	0	N.D.	
39) 1,2-Dichloroethane	0.00	62	0	N.D.	
40) Isobutanol	0.00	43	0	N.D.	
41) Trichloroethene	6.20	130	269	N.D.	
42) Methylcyclohexane	0.00	83	0	N.D.	
43) 1,2-Dichloropropane	0.00	63	0	N.D.	
44) Dibromomethane	0.00	93	0	N.D.	
45) Methyl methacrylate	0.00	41	0	N.D.	
46) Bromodichloromethane	0.00	83	0	N.D.	
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49) 4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52) Toluene	0.00	92	0	N.D.	
53) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54) Ethyl methacrylate	0.00	69	0	N.D.	
55) 1,1,2-Trichloroethane	0.00	97	0	N.D.	
56) Tetrachloroethene	8.17	166	1174	0.71 ug/l ✓	85
57) 1,3-Dichloropropane	0.00	76	0	N.D.	
58) 2-Hexanone	0.00	43	0	N.D.	
59) Dibromochloromethane	0.00	129	0	N.D.	
60) 1,2-Dibromoethane	0.00	107	0	N.D.	
61) Chlorobenzene	0.00	112	0	N.D.	
62) 1-Chlorohexane	9.01	91	278	N.D.	
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64) Ethylbenzene	9.17	91	70	N.D.	
65) m,p-Xylene	9.29	106	109	N.D.	
66) o-xylene	0.00	106	0	N.D.	
67) Styrene	0.00	104	0	N.D.	
68) Bromoform	0.00	173	0	N.D.	

LNH 4/16/07

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413022.D
Acq On : 13 Apr 2007 14:59
Sample : JPL30-010
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Apr 16 9:13 2007

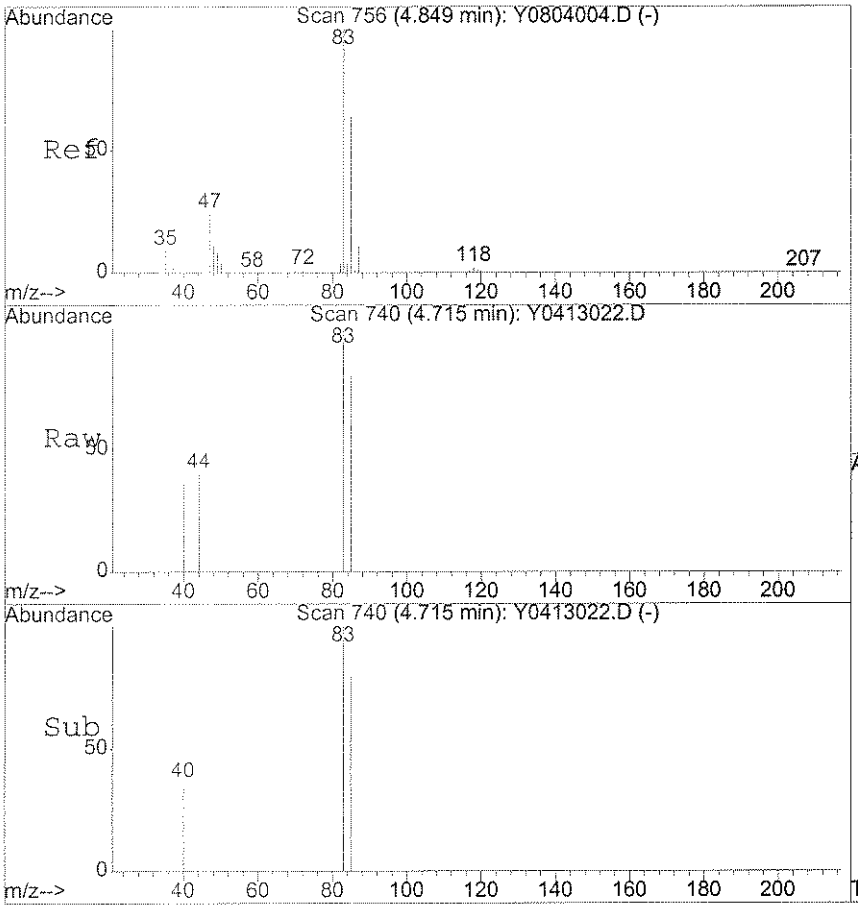
Vial: 36
Operator: LNH
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	0.00	105	0	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	4-Chlorotoluene	0.00	91	0	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D.	
83)	1,3-Dichlorobenzene	11.27	146	127	N.D.	
84)	4-Isopropyltoluene	11.33	119	188	N.D.	
85)	1,4-Dichlorobenzene	11.35	146	111	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	0.00	91	0	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

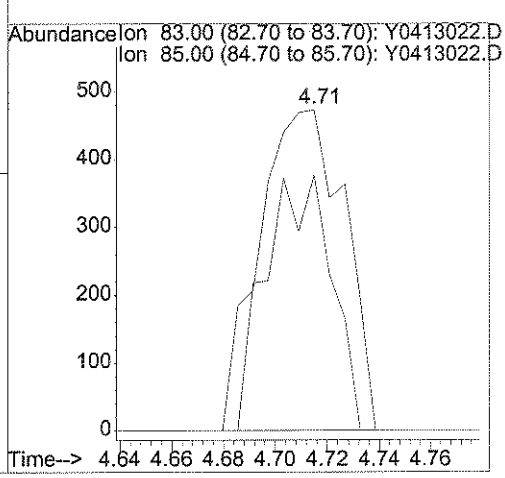
(#) = qualifier out of range (m) = manual integration

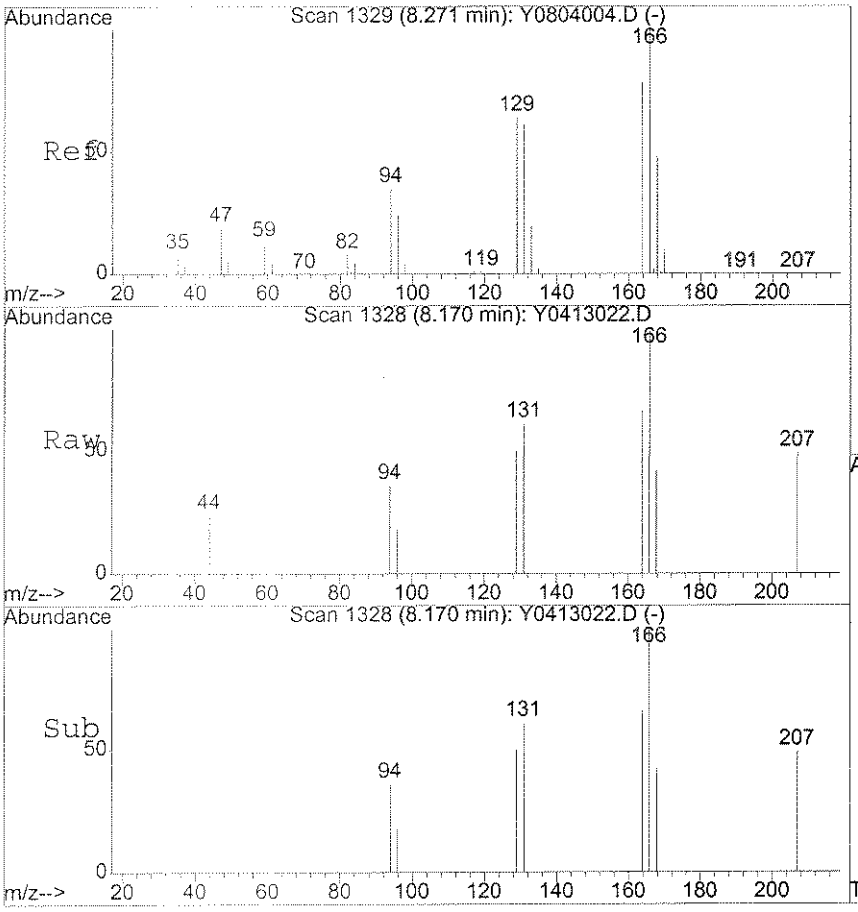


#31
Chloroform
Concen: 0.28 ug/l
RT: 4.71 min Scan# 740
Delta R.T. 0.01 min
Lab File: Y0413022.D
Acq: 13 Apr 2007 14:59

Tgt Ion: 83 Resp: 1073

Ion	Ratio	Lower	Upper
83	100		
85	61.8	43.3	83.3

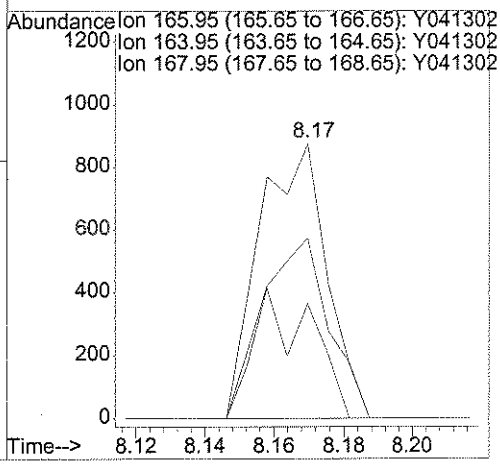




#56
Tetrachloroethene
Concen: 0.71 ug/l
RT: 8.17 min Scan# 1328
Delta R.T. 0.01 min
Lab File: Y0413022.D
Acq: 13 Apr 2007 14:59

Tgt Ion:166 Resp: 1174

Ion	Ratio	Lower	Upper
166	100		
164	64.7	63.3	94.9
168	40.3	39.6	59.4



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413023.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 15:23

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413023.D

Level: (LOW/MED) _____ Date Collected: 04/02/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 15:23

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.78	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-3

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL30-011

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413023.D

Level: (LOW/MED)

Date Collected: 04/02/2007

% Moisture: not dec.

Date/Time Analyzed: 04/13/2007 15:23

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

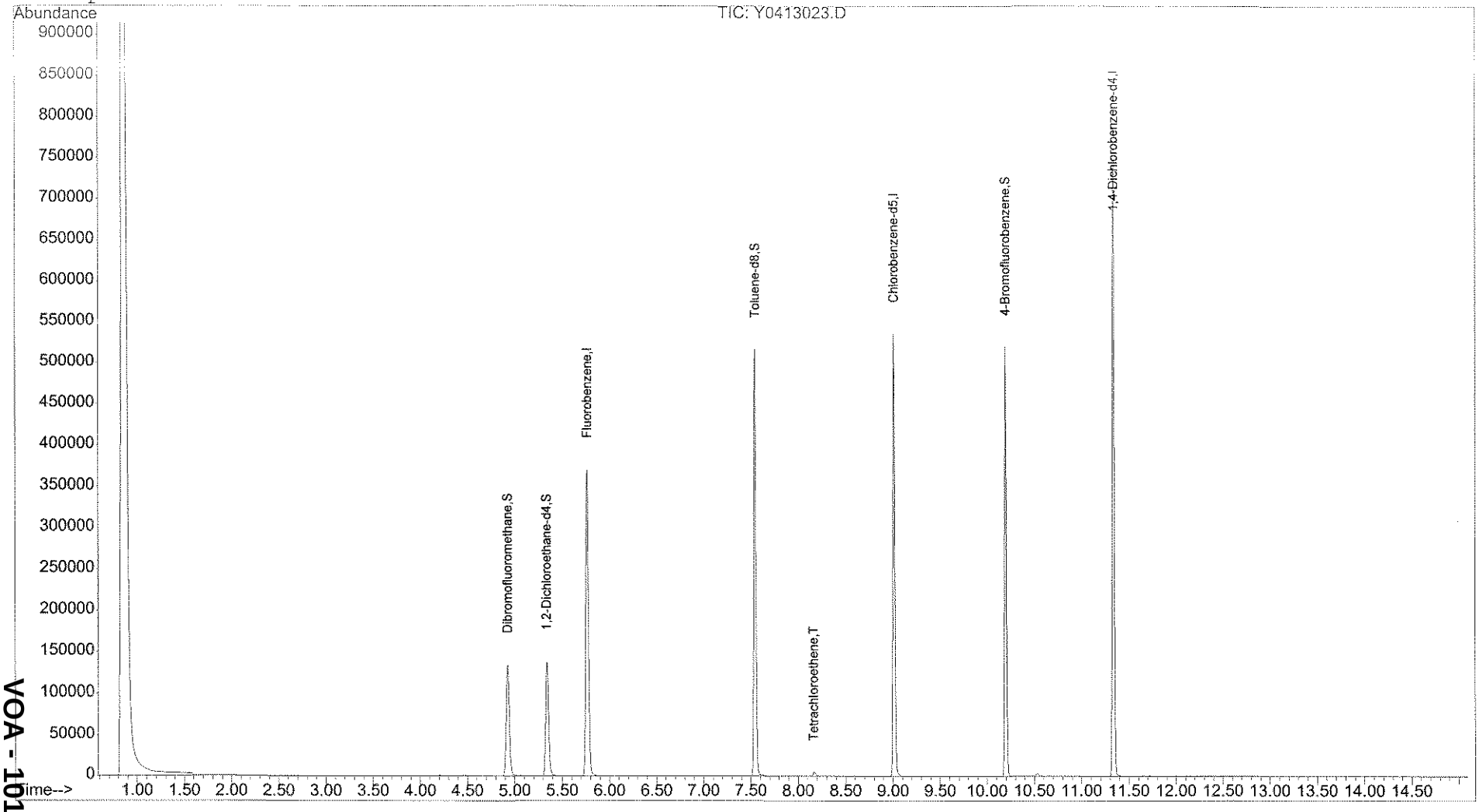
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413023.D Vial: 37
Acq On : 13 Apr 2007 15:23 Operator: LNH
Sample : JPL30-011 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:13 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 101

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413023.D Vial: 37
Acq On : 13 Apr 2007 15:23 Operator: LNH
Sample : JPL30-011 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:13 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	340145	50.00	ug/l	0.00 100.12%
50) Chlorobenzene-d5	9.01	82	135137	50.00	ug/l	0.00 83.84%
70) 1,4-Dichlorobenzene-d4	11.34	152	172527	50.00	ug/l	0.00 76.56%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	97739	47.49	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 94.98%			
37) 1,2-Dichloroethane-d4	5.34	65	108158	49.54	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.08%			
51) Toluene-d8	7.55	98	303268	56.55	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 113.10%			
72) 4-Bromofluorobenzene	10.20	95	132625	53.21	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	3.33	63	366	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413023.D Vial: 37
Acq On : 13 Apr 2007 15:23 Operator: LNH
Sample : JPL30-011 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:13 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	Chloroprene	0.00	53	0	N.D.			
25)	2,2-Dichloropropane	0.00	77	0	N.D.			
26)	cis-1,2-Dichloroethene	4.21	96	600	N.D.			
27)	2-Butanone	0.00	43	0	N.D.			
28)	Propionitrile	0.00	54	0	N.D.			
29)	Bromochloromethane	0.00	128	0	N.D.			
30)	Methacrylonitrile	0.00	41	0	N.D.			
31)	Chloroform	4.71	83	767	N.D.			
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.			
34)	Cyclohexane	0.00	56	0	N.D.			
35)	Carbon Tetrachloride	0.00	117	0	N.D.			
36)	1,1-Dichloropropene	0.00	75	0	N.D.			
38)	Benzene	0.00	78	0	N.D.			
39)	1,2-Dichloroethane	0.00	62	0	N.D.			
40)	Isobutanol	0.00	43	0	N.D.			
41)	Trichloroethene	6.20	130	205	N.D.			
42)	Methylcyclohexane	0.00	83	0	N.D.			
43)	1,2-Dichloropropane	0.00	63	0	N.D.			
44)	Dibromomethane	0.00	93	0	N.D.			
45)	Methyl methacrylate	0.00	41	0	N.D.			
46)	Bromodichloromethane	0.00	83	0	N.D.			
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.			
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.			
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d	
52)	Toluene	0.00	92	0	N.D.			
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.			
54)	Ethyl methacrylate	0.00	69	0	N.D.			
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.			
56)	Tetrachloroethene	8.16	166	1459	0.78	ug/l		93
57)	1,3-Dichloropropane	0.00	76	0	N.D.			
58)	2-Hexanone	0.00	43	0	N.D.			
59)	Dibromochloromethane	0.00	129	0	N.D.			
60)	1,2-Dibromoethane	0.00	107	0	N.D.			
61)	Chlorobenzene	0.00	112	0	N.D.			
62)	1-Chlorohexane	9.01	91	471	N.D.			
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.			
64)	Ethylbenzene	9.29	91	208	N.D.			
65)	m,p-Xylene	9.29	106	53	N.D.			
66)	o-xylene	0.00	106	0	N.D.			
67)	Styrene	0.00	104	0	N.D.			
68)	Bromoform	0.00	173	0	N.D.			

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

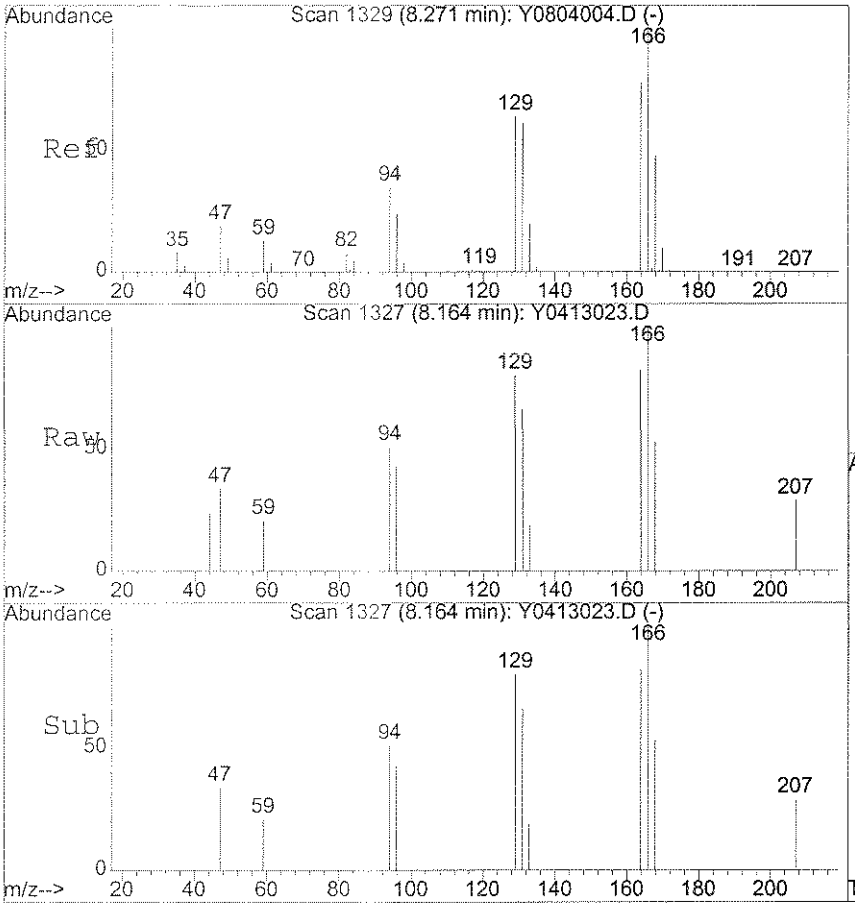
Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413023.D Vial: 37
Acq On : 13 Apr 2007 15:23 Operator: LNH
Sample : JPL30-011 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:13 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	0.00	105	0	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	4-Chlorotoluene	0.00	91	0	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D.	
83)	1,3-Dichlorobenzene	11.27	146	320	N.D.	
84)	4-Isopropyltoluene	11.33	119	196	N.D.	
85)	1,4-Dichlorobenzene	11.36	146	238	N.D.	
86)	1,2-Dichlorobenzene	11.72	146	283	N.D.	
87)	n-Butylbenzene	11.74	91	131	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	13.31	180	65	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	13.79	180	61	N.D.	

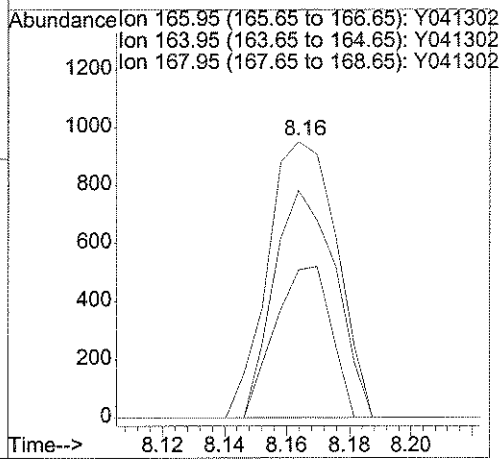
(#) = qualifier out of range (m) = manual integration



#56
Tetrachloroethene
Concen: 0.78 ug/l
RT: 8.16 min Scan# 1327
Delta R.T. 0.00 min
Lab File: Y0413023.D
Acq: 13 Apr 2007 15:23

Tgt Ion:166 Resp: 1459

Ion	Ratio	Lower	Upper
166	100		
164	73.5	63.3	94.9
168	44.3	39.6	59.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413024.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 15:48

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.28	J
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.45	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.2	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413024.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 15:48

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.62	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413024.D

Level: (LOW/MED) _____ Date Collected: 04/02/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 15:48

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

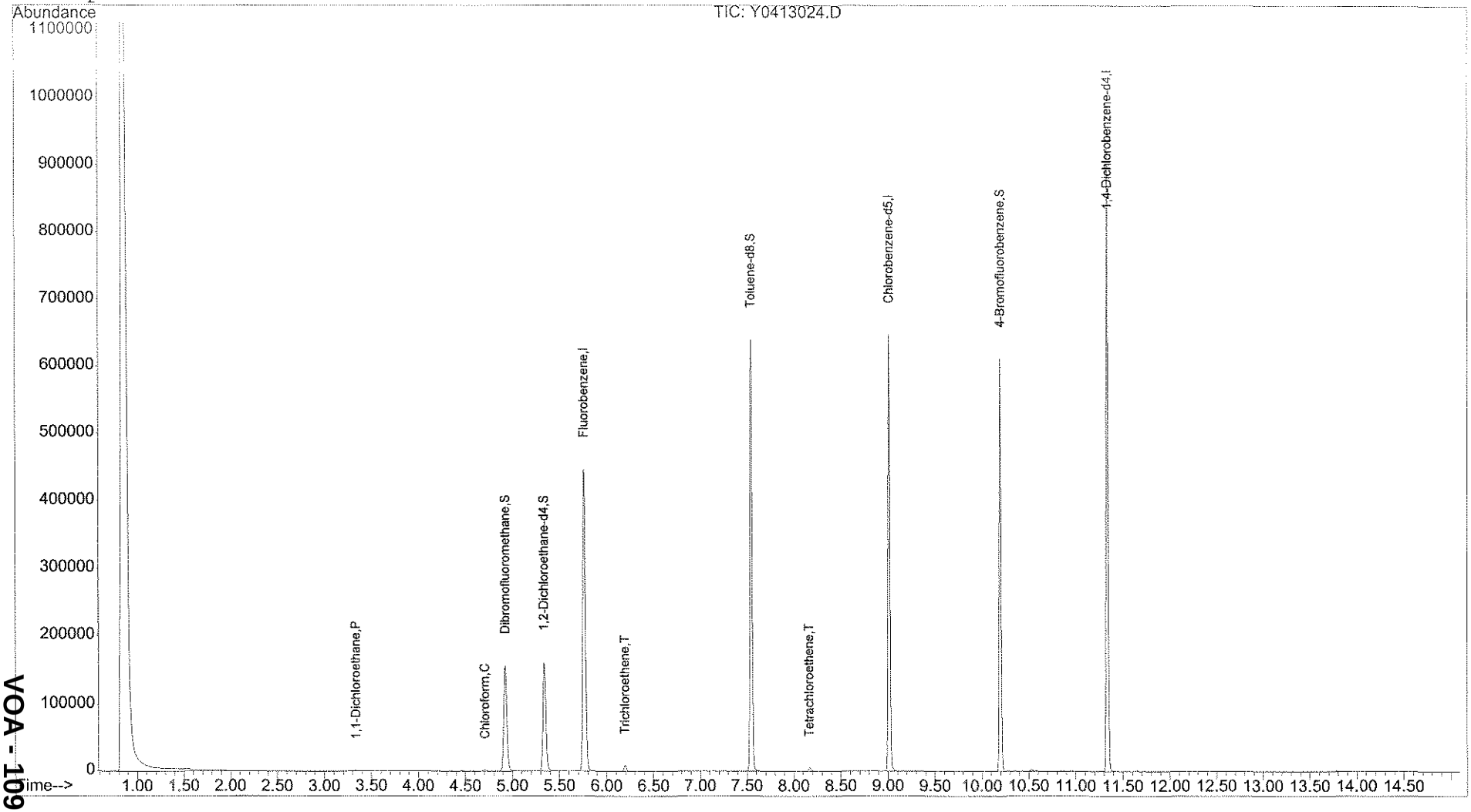
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413024.D Vial: 38
Acq On : 13 Apr 2007 15:48 Operator: LNH
Sample : JPL30-012 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:14 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 109

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413024.D Vial: 38
Acq On : 13 Apr 2007 15:48 Operator: LNH
Sample : JPL30-012 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:14 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	408547	50.00	ug/l	0.00 120.25%
50) Chlorobenzene-d5	9.01	82	165232	50.00	ug/l	0.00 102.52%
70) 1,4-Dichlorobenzene-d4	11.34	152	202556	50.00	ug/l	0.00 89.88%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	112789	45.63	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 91.26%			
37) 1,2-Dichloroethane-d4	5.34	65	125837	47.99	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.98%			
51) Toluene-d8	7.54	98	371612	56.67	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 113.34%			
72) 4-Bromofluorobenzene	10.20	95	158385	54.12	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	3.33	63	1616	0.28	ug/l	72
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413024.D Vial: 38
Acq On : 13 Apr 2007 15:48 Operator: LNH
Sample : JPL30-012 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:14 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	Chloroprene	0.00	53	0	N.D.			
25)	2,2-Dichloropropane	0.00	77	0	N.D.			
26)	cis-1,2-Dichloroethene	4.20	96	524	N.D.			
27)	2-Butanone	0.00	43	0	N.D.			
28)	Propionitrile	0.00	54	0	N.D.			
29)	Bromochloromethane	0.00	128	0	N.D.			
30)	Methacrylonitrile	0.00	41	0	N.D.			
31)	Chloroform	4.70	83	2387	0.45	ug/l	✓	95
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.			
34)	Cyclohexane	0.00	56	0	N.D.			
35)	Carbon Tetrachloride	0.00	117	0	N.D.			
36)	1,1-Dichloropropene	0.00	75	0	N.D.			
38)	Benzene	0.00	78	0	N.D.			
39)	1,2-Dichloroethane	0.00	62	0	N.D.			
40)	Isobutanol	0.00	43	0	N.D.			
41)	Trichloroethene	6.20	130	3334	1.16	ug/l	✓	97
42)	Methylcyclohexane	0.00	83	0	N.D.			
43)	1,2-Dichloropropane	0.00	63	0	N.D.			
44)	Dibromomethane	0.00	93	0	N.D.			
45)	Methyl methacrylate	0.00	41	0	N.D.			
46)	Bromodichloromethane	6.79	83	403	N.D.			
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.			
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.			
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d	
52)	Toluene	0.00	92	0	N.D.			
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.			
54)	Ethyl methacrylate	0.00	69	0	N.D.			
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.			
56)	Tetrachloroethene	8.16	166	1419	0.62	ug/l	✓	93
57)	1,3-Dichloropropane	0.00	76	0	N.D.			
58)	2-Hexanone	0.00	43	0	N.D.			
59)	Dibromochloromethane	8.43	129	61	N.D.			
60)	1,2-Dibromoethane	0.00	107	0	N.D.			
61)	Chlorobenzene	0.00	112	0	N.D.			
62)	1-Chlorohexane	0.00	91	0	N.D.		d	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.			
64)	Ethylbenzene	9.17	91	60	N.D.			
65)	m,p-Xylene	9.29	106	133	N.D.			
66)	o-xylene	0.00	106	0	N.D.			
67)	Styrene	0.00	104	0	N.D.			
68)	Bromoform	0.00	173	0	N.D.			

LNH 4/16/07

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

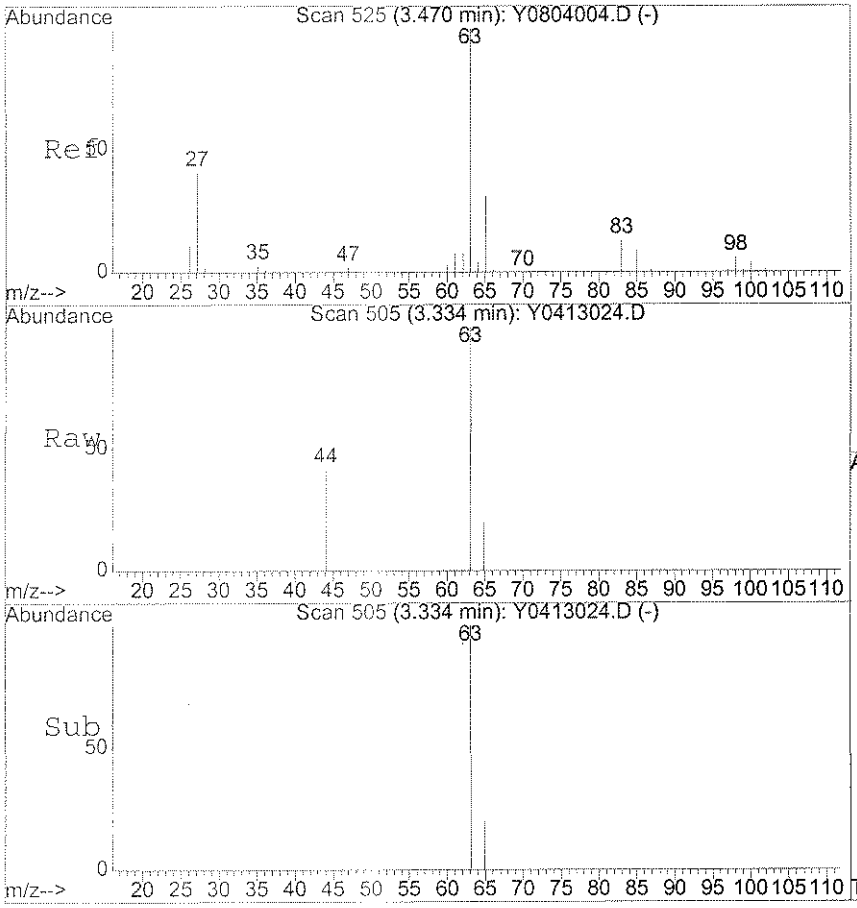
Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413024.D Vial: 38
Acq On : 13 Apr 2007 15:48 Operator: LNH
Sample : JPL30-012 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:14 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	10.20	105	118	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	4-Chlorotoluene	0.00	91	0	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D.	
83)	1,3-Dichlorobenzene	11.27	146	700	N.D.	
84)	4-Isopropyltoluene	11.33	119	204	N.D.	
85)	1,4-Dichlorobenzene	11.35	146	285	N.D.	
86)	1,2-Dichlorobenzene	11.71	146	330	N.D.	
87)	n-Butylbenzene	11.74	91	71	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	13.31	180	149	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	13.79	180	392	N.D.	

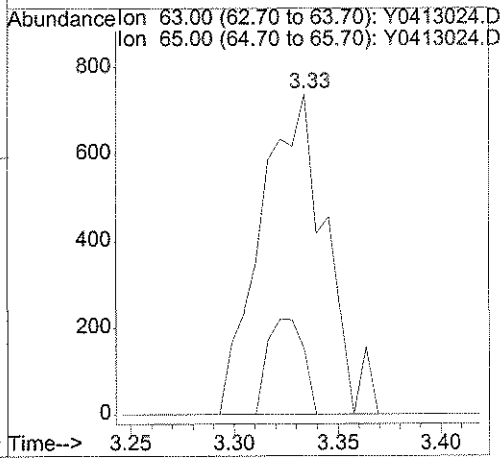
(#) = qualifier out of range (m) = manual integration

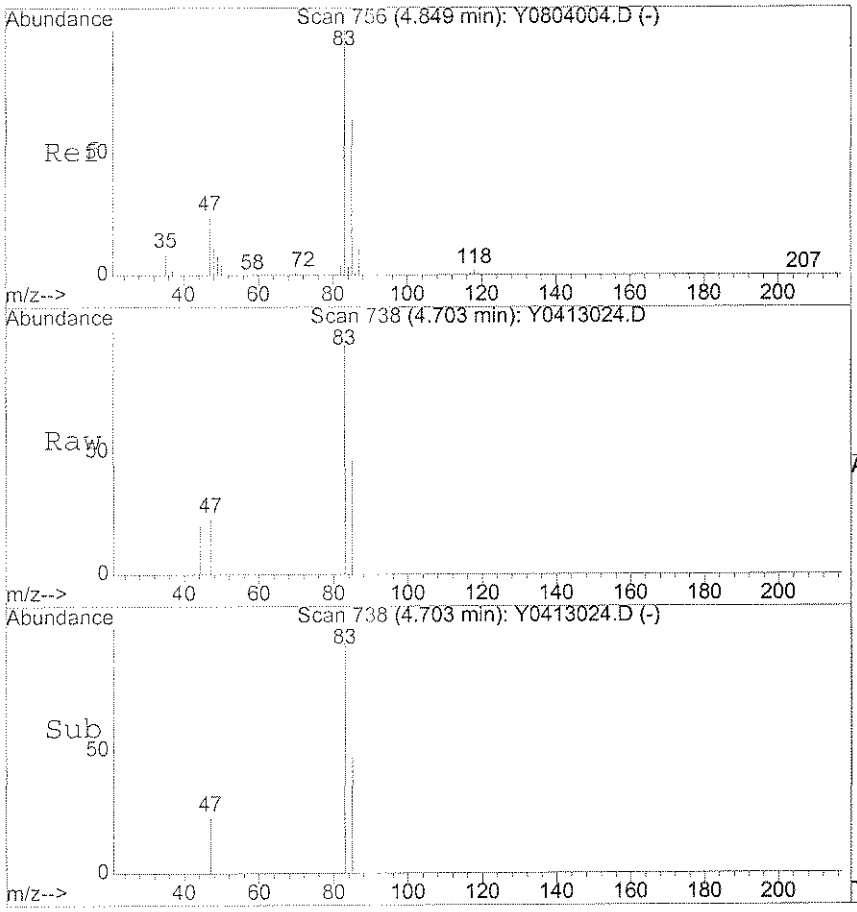


#22
1,1-Dichloroethane
Concen: 0.28 ug/l
RT: 3.33 min Scan# 505
Delta R.T. 0.01 min
Lab File: Y0413024.D
Acq: 13 Apr 2007 15:48

Tgt Ion: 63 Resp: 1616

Ion	Ratio	Lower	Upper
63	100		
65	16.7	12.3	52.3

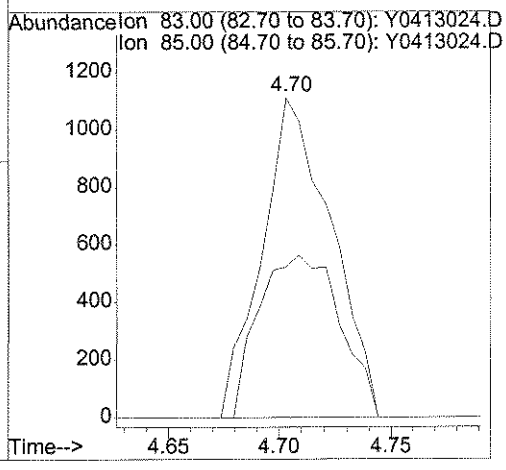


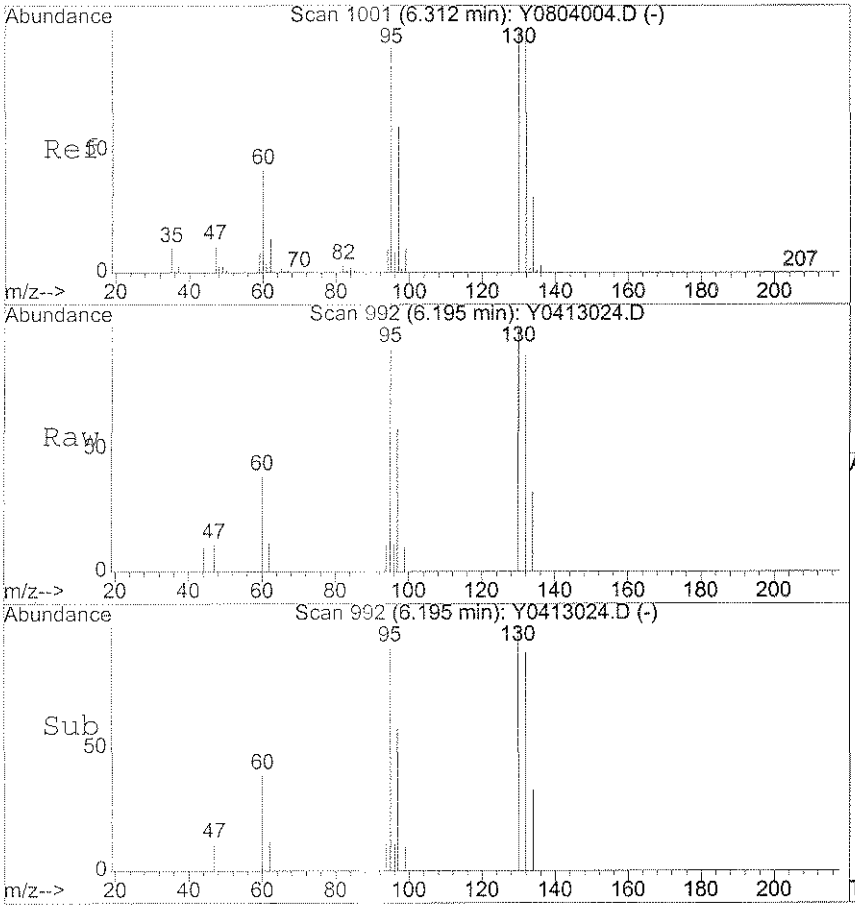


#31
Chloroform
Concen: 0.45 ug/l
RT: 4.70 min Scan# 738
Delta R.T. -0.00 min
Lab File: Y0413024.D
Acq: 13 Apr 2007 15:48

Tgt Ion: 83 Resp: 2387

Ion	Ratio	Lower	Upper
83	100		
85	59.2	43.3	83.3

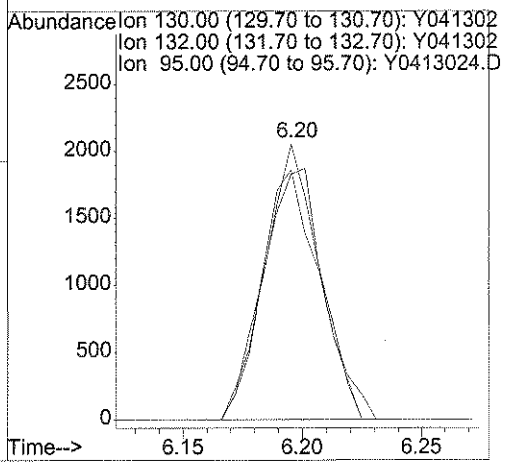


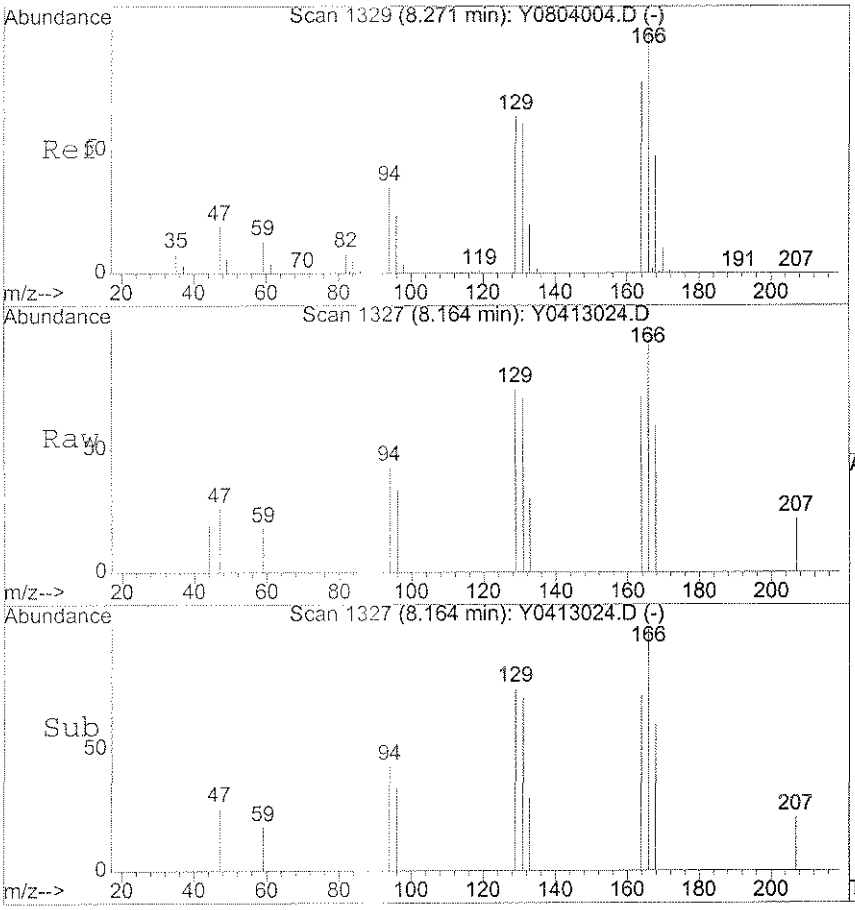


#41
Trichloroethene
Concen: 1.16 ug/l
RT: 6.20 min Scan# 992
Delta R.T. 0.01 min
Lab File: Y0413024.D
Acq: 13 Apr 2007 15:48

Tgt Ion:130 Resp: 3334

Ion	Ratio	Lower	Upper
130	100		
132	96.2	75.0	115.0
95	93.4	69.4	109.4

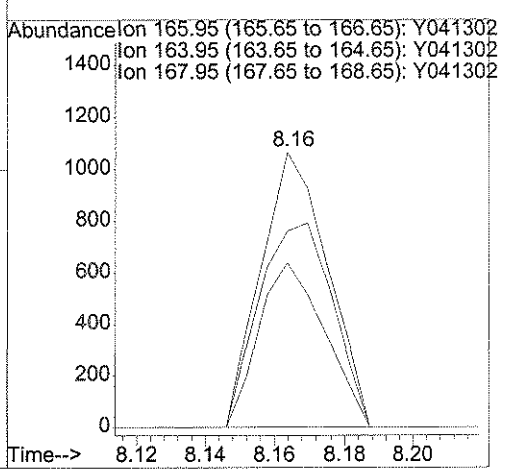




#56
Tetrachloroethene
Concen: 0.62 ug/l
RT: 8.16 min Scan# 1327
Delta R.T. -0.00 min
Lab File: Y0413024.D
Acq: 13 Apr 2007 15:48

Tgt Ion:166 Resp: 1419

Ion	Ratio	Lower	Upper
166	100		
164	81.8	63.3	94.9
168	58.8	39.6	59.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413025.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 16:13

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413025.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 16:13

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413025.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 16:13

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

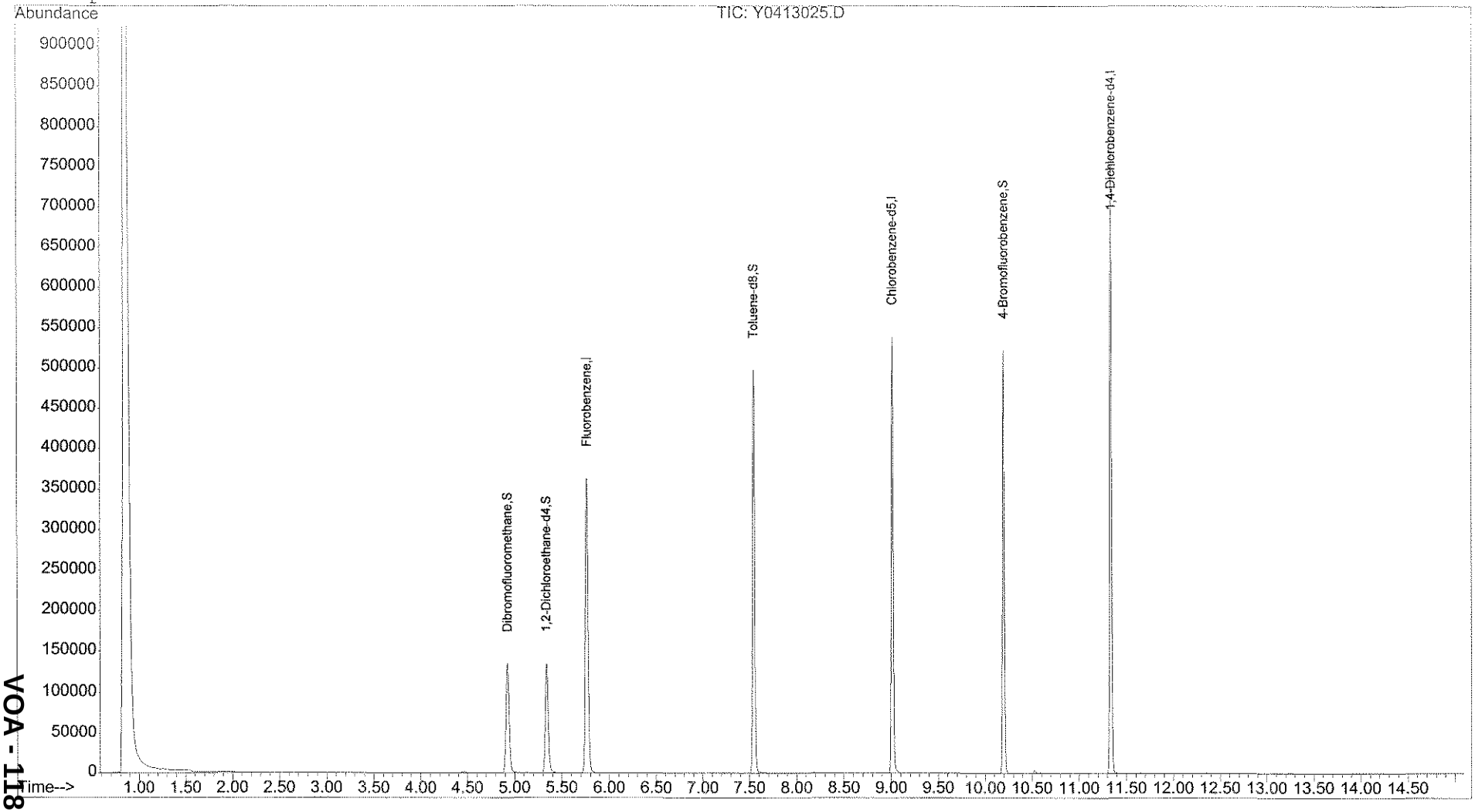
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413025.D Vial: 39
Acq On : 13 Apr 2007 16:13 Operator: LNH
Sample : JPL30-013 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:15 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413025.D Vial: 39
Acq On : 13 Apr 2007 16:13 Operator: LNH
Sample : JPL30-013 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:15 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	334011	50.00	ug/l	0.00 98.32%
50) Chlorobenzene-d5	9.01	82	133677	50.00	ug/l	0.00 82.94%
70) 1,4-Dichlorobenzene-d4	11.34	152	170155	50.00	ug/l	0.00 75.51%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	98692	48.84	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 97.68%			
37) 1,2-Dichloroethane-d4	5.34	65	106329	49.60	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.20%			
51) Toluene-d8	7.55	98	294797	55.57	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 111.14%			
72) 4-Bromofluorobenzene	10.20	95	132618	53.95	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	2.87	73	196	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413025.D Vial: 39
Acq On : 13 Apr 2007 16:13 Operator: LNH
Sample : JPL30-013 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:15 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	0.00	78	0	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	0.00	92	0	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	445	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.29	91	134	N.D.		
65)	m,p-Xylene	0.00	106	0	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413025.D Vial: 39
Acq On : 13 Apr 2007 16:13 Operator: LNH
Sample : JPL30-013 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:15 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	10.19	105	57	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	4-Chlorotoluene	0.00	91	0	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D.	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
84)	4-Isopropyltoluene	11.34	119	147	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	0.00	91	0	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-4-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413026.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 16:37

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-4-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413026.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 16:37

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-4-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413026.D

Level: (LOW/MED) _____ Date Collected: 04/02/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 16:37

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

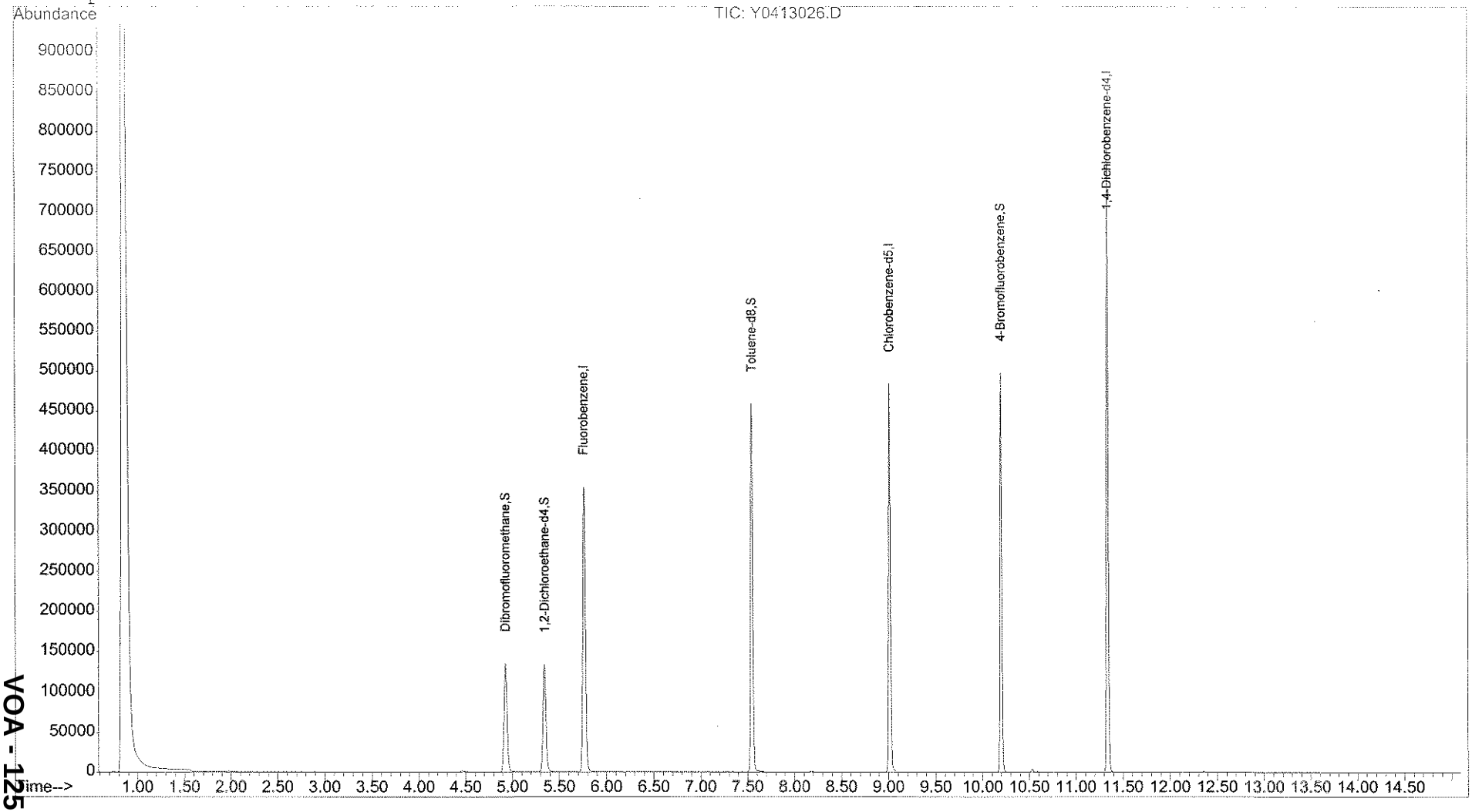
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413026.D Vial: 40
Acq On : 13 Apr 2007 16:37 Operator: LNH
Sample : JPL30-014 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:16 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 125

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413026.D Vial: 40
Acq On : 13 Apr 2007 16:37 Operator: LNH
Sample : JPL30-014 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:16 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	325341	50.00	ug/l	0.00 95.76%
50) Chlorobenzene-d5	9.01	82	124349	50.00	ug/l	0.00 77.15%
70) 1,4-Dichlorobenzene-d4	11.34	152	167051	50.00	ug/l	0.00 74.13%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	96479	49.01	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 98.02%			
37) 1,2-Dichloroethane-d4	5.34	65	103479	49.55	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.10%			
51) Toluene-d8	7.55	98	274220	55.57	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 111.14%			
72) 4-Bromofluorobenzene	10.20	95	125867	52.15	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	2.89	73	316	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413026.D Vial: 40
Acq On : 13 Apr 2007 16:37 Operator: LNH
Sample : JPL30-014 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:16 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	0.00	78	0	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	0.00	92	0	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	421	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.29	91	77	N.D.		
65)	m,p-Xylene	0.00	106	0	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413026.D Vial: 40
Acq On : 13 Apr 2007 16:37 Operator: LNH
Sample : JPL30-014 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:16 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	10.20	105	64	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	0.00	91	0	N.D.		
78)	4-Chlorotoluene	0.00	91	0	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
82)	sec-butylbenzene	0.00	105	0	N.D.		
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
84)	4-Isopropyltoluene	11.34	119	190	N.D.		
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-5-4/2/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-015

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413011.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 10:22

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-5-4/2/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-015

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413011.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 10:22

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-5-4/2/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-015

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413011.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 10:22

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

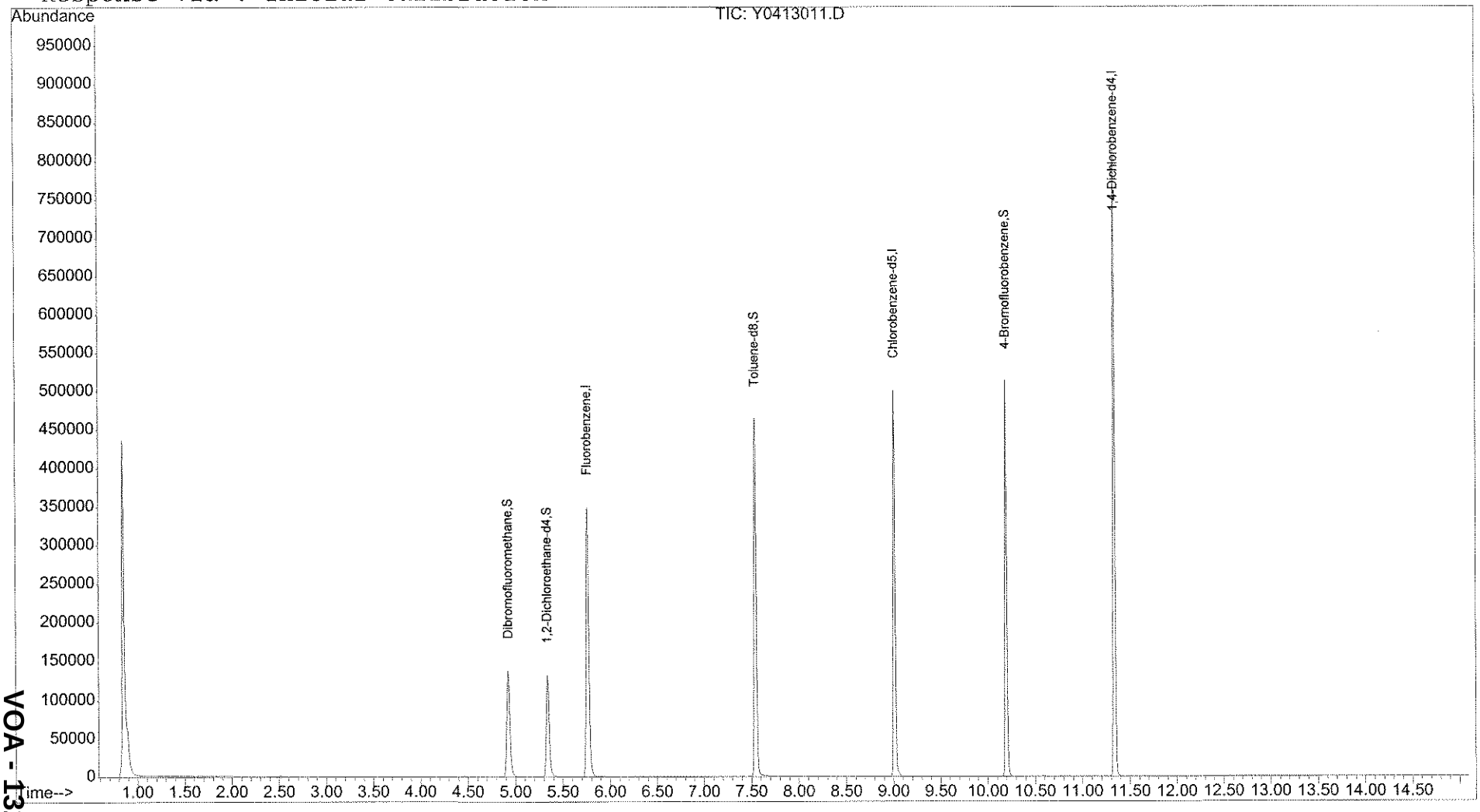
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413011.D Vial: 26
Acq On : 13 Apr 2007 10:22 Operator: LNH
Sample : JPL30-015 TB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:03 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413011.D Vial: 26
Acq On : 13 Apr 2007 10:22 Operator: LNH
Sample : JPL30-015 TB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:03 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	327892	50.00	ug/l	0.00 96.51%
50) Chlorobenzene-d5	9.01	82	129000	50.00	ug/l	0.00 80.04%
70) 1,4-Dichlorobenzene-d4	11.34	152	179922	50.00	ug/l	0.00 79.84%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	100144	50.48	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.96%			
37) 1,2-Dichloroethane-d4	5.34	65	104266	49.54	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.08%			
51) Toluene-d8	7.55	98	289068	56.47	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 112.94%			
72) 4-Bromofluorobenzene	10.20	95	132810	51.09	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	88	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.51	84	476	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413011.D Vial: 26
Acq On : 13 Apr 2007 10:22 Operator: LNH
Sample : JPL30-015 TB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:03 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	0.00	78	0	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	0.00	92	0	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	398	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.29	91	54	N.D.		
65)	m,p-Xylene	0.00	106	0	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413011.D Vial: 26
Acq On : 13 Apr 2007 10:22 Operator: LNH
Sample : JPL30-015 TB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:03 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	10.20	105	117	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	10.47	91	252	N.D.		
78)	4-Chlorotoluene	10.65	91	55	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.02	105	123	N.D.		
82)	sec-butylbenzene	11.18	105	59	N.D.		
83)	1,3-Dichlorobenzene	11.27	146	53	N.D.		
84)	4-Isopropyltoluene	11.34	119	379	N.D.		
85)	1,4-Dichlorobenzene	11.35	146	147	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	11.74	91	357	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	13.32	180	56	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-016

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413027.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 17:01

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-016

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413027.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 17:01

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-016

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413027.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 17:01

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

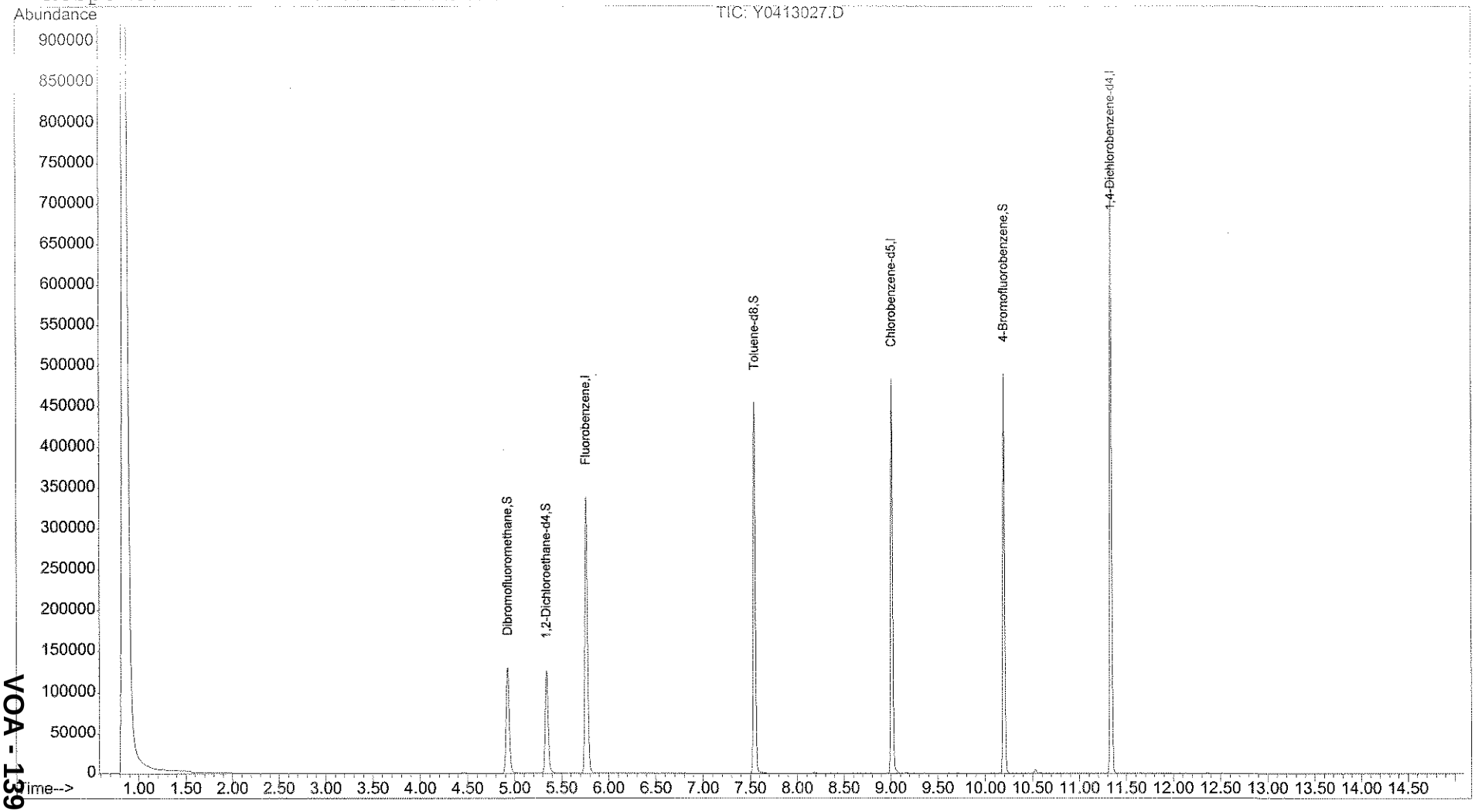
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413027.D Vial: 41
Acq On : 13 Apr 2007 17:01 Operator: LNH
Sample : JPL30-016 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:16 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413027.D Vial: 41
Acq On : 13 Apr 2007 17:01 Operator: LNH
Sample : JPL30-016 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:16 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	309977	50.00	ug/l	0.00 91.24%
50) Chlorobenzene-d5	9.01	82	124270	50.00	ug/l	0.00 77.10%
70) 1,4-Dichlorobenzene-d4	11.34	152	169026	50.00	ug/l	0.00 75.01%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	96072	51.23	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 102.46%			
37) 1,2-Dichloroethane-d4	5.34	65	101572	51.05	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.10%			
51) Toluene-d8	7.55	98	271904	55.13	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 110.26%			
72) 4-Bromofluorobenzene	10.20	95	125850	51.53	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413027.D Vial: 41
Acq On : 13 Apr 2007 17:01 Operator: LNH
Sample : JPL30-016 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:16 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	0.00	78	0	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	0.00	92	0	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	358	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.17	91	959	N.D.		
65)	m,p-Xylene	9.17	106	185	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	9.70	104	302	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413027.D Vial: 41
Acq On : 13 Apr 2007 17:01 Operator: LNH
Sample : JPL30-016 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:16 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69) Isopropylbenzene	10.21	105	73	N.D.	
71) trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73) Bromobenzene	0.00	156	0	N.D.	
74) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75) 1,2,3-Trichloropropane	0.00	110	0	N.D.	
76) n-Propylbenzene	0.00	120	0	N.D.	
77) 2-Chlorotoluene	0.00	91	0	N.D.	
78) 4-Chlorotoluene	0.00	91	0	N.D.	
79) 1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80) tert-Butylbenzene	0.00	119	0	N.D.	
81) 1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82) sec-butylbenzene	0.00	105	0	N.D.	
83) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
84) 4-Isopropyltoluene	11.34	119	154	N.D.	
85) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
86) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
87) n-Butylbenzene	0.00	91	0	N.D.	
88) 1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90) Hexachlorobutadiene	0.00	225	0	N.D.	
91) Naphthalene	0.00	128	0	N.D.	
92) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-017

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413028.D

Level: (LOW/MED) _____ Date Collected: 04/02/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 17:26

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-017

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413028.D

Level: (LOW/MED) _____ Date Collected: 04/02/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 17:26

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-017

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413028.D

Level: (LOW/MED) _____ Date Collected: 04/02/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 17:26

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

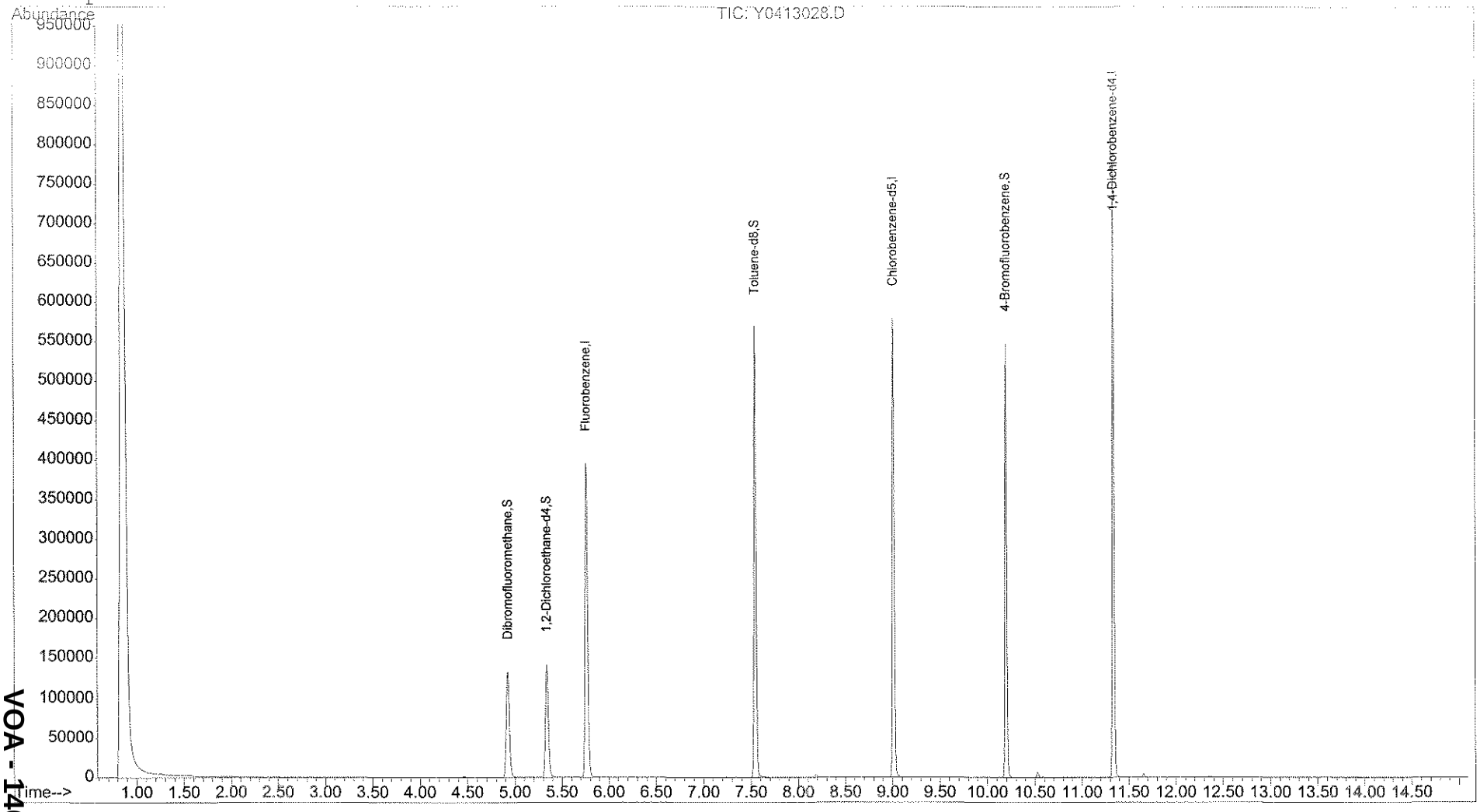
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413028.D Vial: 42
Acq On : 13 Apr 2007 17:26 Operator: LNH
Sample : JPL30-017 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:17 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 146

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413028.D Vial: 42
Acq On : 13 Apr 2007 17:26 Operator: LNH
Sample : JPL30-017 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:17 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	354186	50.00	ug/l	0.00 104.25%
50) Chlorobenzene-d5	9.01	82	145581	50.00	ug/l	0.00 90.32%
70) 1,4-Dichlorobenzene-d4	11.34	152	171857	50.00	ug/l	0.00 76.26%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	98569	46.00	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 92.00%			
37) 1,2-Dichloroethane-d4	5.34	65	112119	49.32	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.64%			
51) Toluene-d8	7.54	98	330727	57.25	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 114.50%			
72) 4-Bromofluorobenzene	10.20	95	138414	55.75	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	2.81	53	169	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	3.32	63	291	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413028.D Vial: 42
Acq On : 13 Apr 2007 17:26 Operator: LNH
Sample : JPL30-017 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:17 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	5.39	78	121	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	7.61	92	57	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	8.17	166	116	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	507	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.17	91	740	N.D.		
65)	m,p-Xylene	9.29	106	136	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	9.70	104	387	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413028.D Vial: 42
Acq On : 13 Apr 2007 17:26 Operator: LNH
Sample : JPL30-017 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:17 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	10.20	105	55	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	4-Chlorotoluene	0.00	91	0	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D.	
83)	1,3-Dichlorobenzene	11.27	146	131	N.D.	
84)	4-Isopropyltoluene	11.34	119	129	N.D.	
85)	1,4-Dichlorobenzene	11.27	146	131	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	0.00	91	0	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-018

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413029.D

Level: (LOW/MED) _____ Date Collected: 04/02/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 17:50

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.51	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	1.3	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.82	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-018

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413029.D

Level: (LOW/MED) _____ Date Collected: 04/02/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 17:50

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-018

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413029.D

Level: (LOW/MED) _____ Date Collected: 04/02/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/13/2007 17:50

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

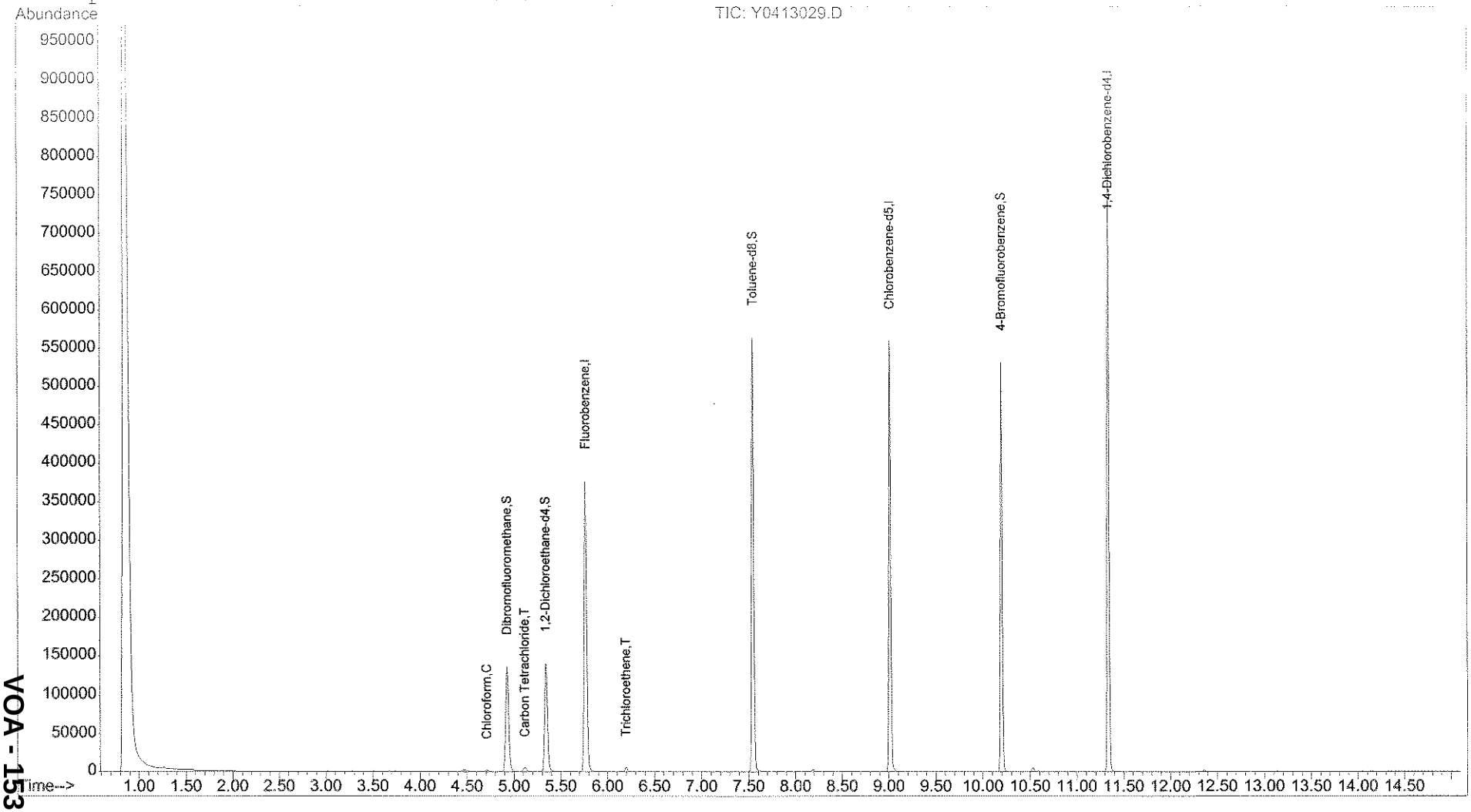
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413029.D Vial: 43
Acq On : 13 Apr 2007 17:50 Operator: LNH
Sample : JPL30-018 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:18 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 153

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413029.D Vial: 43
Acq On : 13 Apr 2007 17:50 Operator: LNH
Sample : JPL30-018 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:18 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	345786	50.00	ug/l	0.00 101.78%
50) Chlorobenzene-d5	9.01	82	143555	50.00	ug/l	0.00 89.07%
70) 1,4-Dichlorobenzene-d4	11.34	152	175387	50.00	ug/l	0.00 77.83%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	97391	46.55	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 93.10%			
37) 1,2-Dichloroethane-d4	5.34	65	109215	49.21	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.42%			
51) Toluene-d8	7.55	98	332547	58.37	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 116.74%			
72) 4-Bromofluorobenzene	10.20	95	136244	53.77	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413029.D Vial: 43
Acq On : 13 Apr 2007 17:50 Operator: LNH
Sample : JPL30-018 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:18 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27) 2-Butanone	0.00	43	0	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	4.71	83	2266	0.51 ug/l	✓	98
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	5.12	117	4028	1.29 ug/l	✓	95
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	5.39	78	55	N.D.		
39) 1,2-Dichloroethane	0.00	62	0	N.D.		
40) Isobutanol	0.00	43	0	N.D.		
41) Trichloroethene	6.20	130	2003	0.82 ug/l	✓	88
42) Methylcyclohexane	0.00	83	0	N.D.		
43) 1,2-Dichloropropane	0.00	63	0	N.D.		
44) Dibromomethane	0.00	93	0	N.D.		
45) Methyl methacrylate	0.00	41	0	N.D.		
46) Bromodichloromethane	0.00	83	0	N.D.		
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49) 4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
52) Toluene	7.61	92	57	N.D.		
53) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54) Ethyl methacrylate	0.00	69	0	N.D.		
55) 1,1,2-Trichloroethane	0.00	97	0	N.D.		
56) Tetrachloroethene	8.16	166	55	N.D.		
57) 1,3-Dichloropropane	0.00	76	0	N.D.		
58) 2 Hexanone	0.00	43	0	N.D.		
59) Dibromochloromethane	0.00	129	0	N.D.		
60) 1,2-Dibromoethane	0.00	107	0	N.D.		
61) Chlorobenzene	0.00	112	0	N.D.		
62) 1-Chlorohexane	0.00	91	0	N.D.	d	
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64) Ethylbenzene	9.28	91	57	N.D.		
65) m,p-Xylene	0.00	106	0	N.D.		
66) o-xylene	0.00	106	0	N.D.		
67) Styrene	0.00	104	0	N.D.		
68) Bromoform	0.00	173	0	N.D.		

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

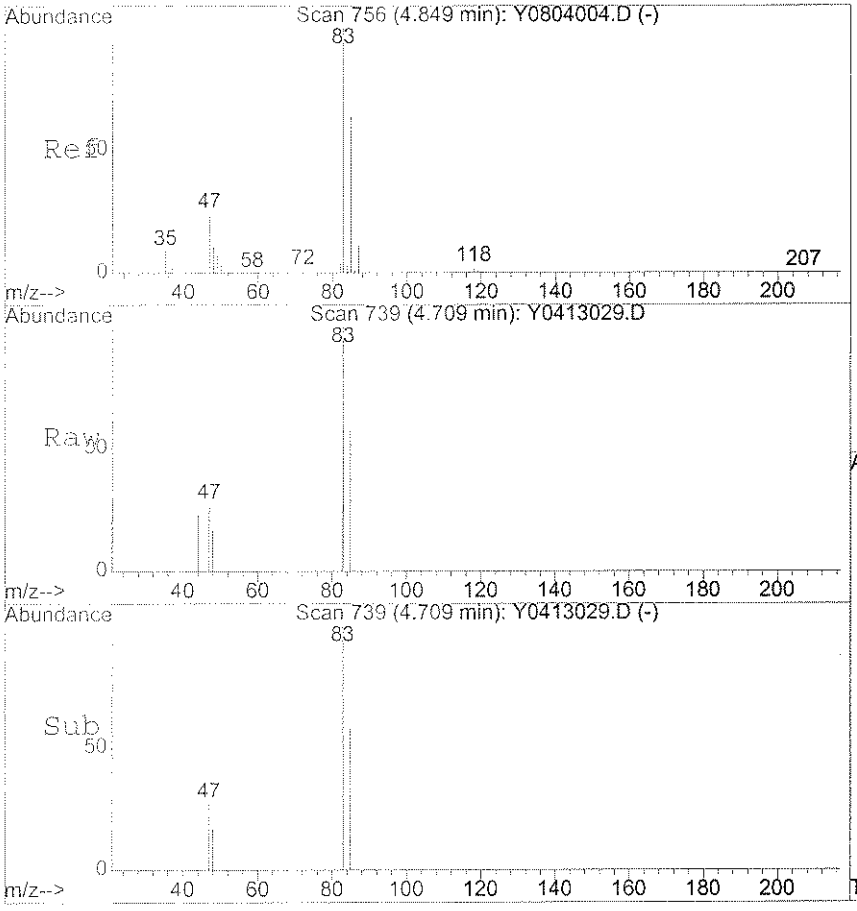
Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413029.D Vial: 43
Acq On : 13 Apr 2007 17:50 Operator: LNH
Sample : JPL30-018 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:18 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69) Isopropylbenzene	10.20	105	69	N.D.	
71) trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73) Bromobenzene	0.00	156	0	N.D.	
74) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75) 1,2,3-Trichloropropane	0.00	110	0	N.D.	
76) n-Propylbenzene	0.00	120	0	N.D.	
77) 2-Chlorotoluene	0.00	91	0	N.D.	
78) 4-Chlorotoluene	0.00	91	0	N.D.	
79) 1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80) tert-Butylbenzene	0.00	119	0	N.D.	
81) 1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82) sec-butylbenzene	0.00	105	0	N.D.	
83) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
84) 4-Isopropyltoluene	11.33	119	128	N.D.	
85) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
86) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
87) n-Butylbenzene	0.00	91	0	N.D.	
88) 1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90) Hexachlorobutadiene	0.00	225	0	N.D.	
91) Naphthalene	0.00	128	0	N.D.	
92) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

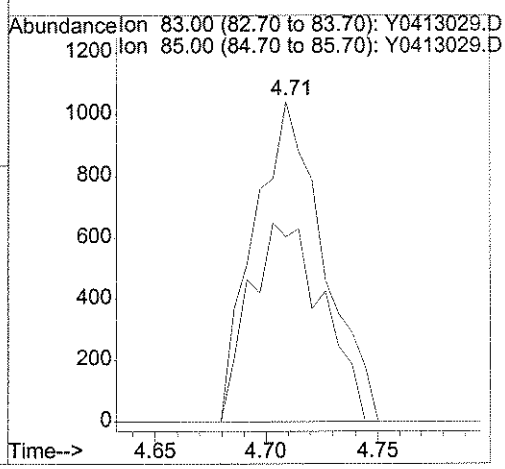
(#) = qualifier out of range (m) = manual integration

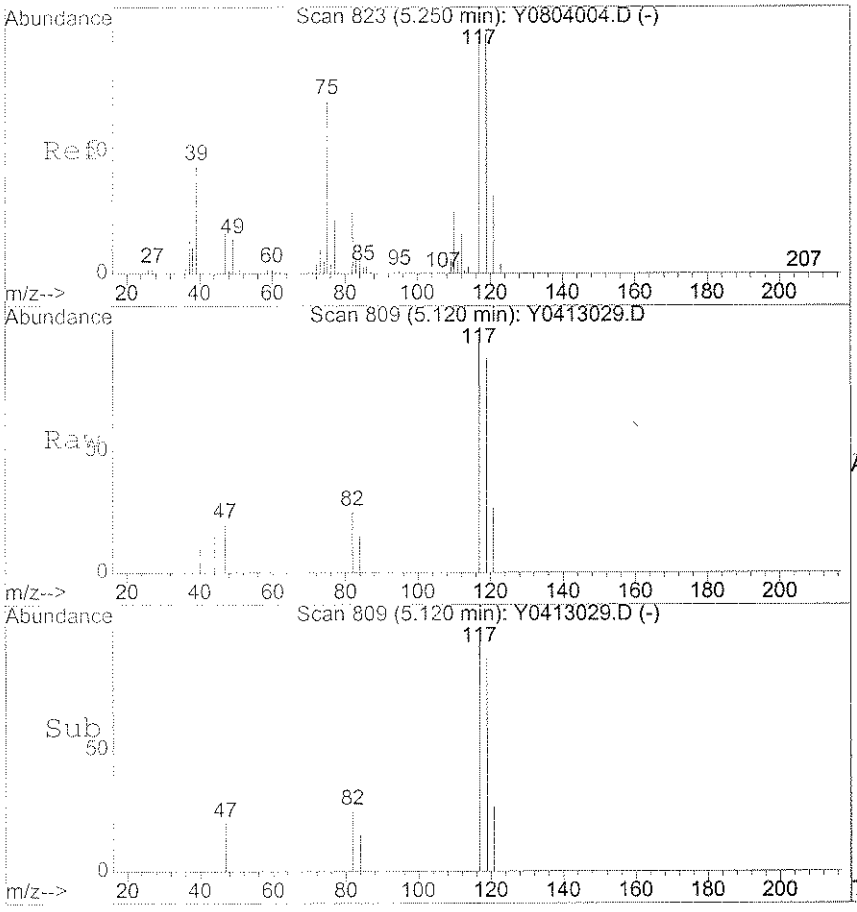


#31
Chloroform
Concen: 0.51 ug/l
RT: 4.71 min Scan# 739
Delta R.T. 0.01 min
Lab File: Y0413029.D
Acq: 13 Apr 2007 17:50

Tgt Ion: 83 Resp: 2266

Ion	Ratio	Lower	Upper
83	100		
85	65.2	43.3	83.3

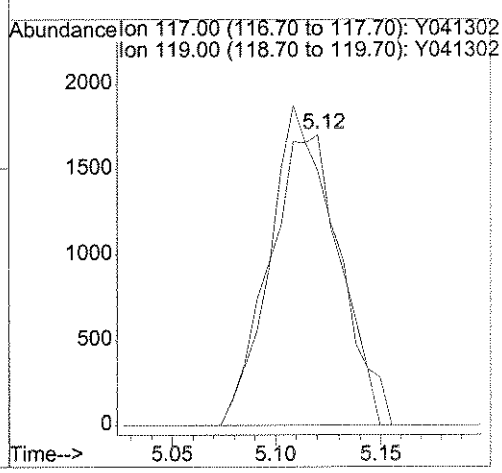


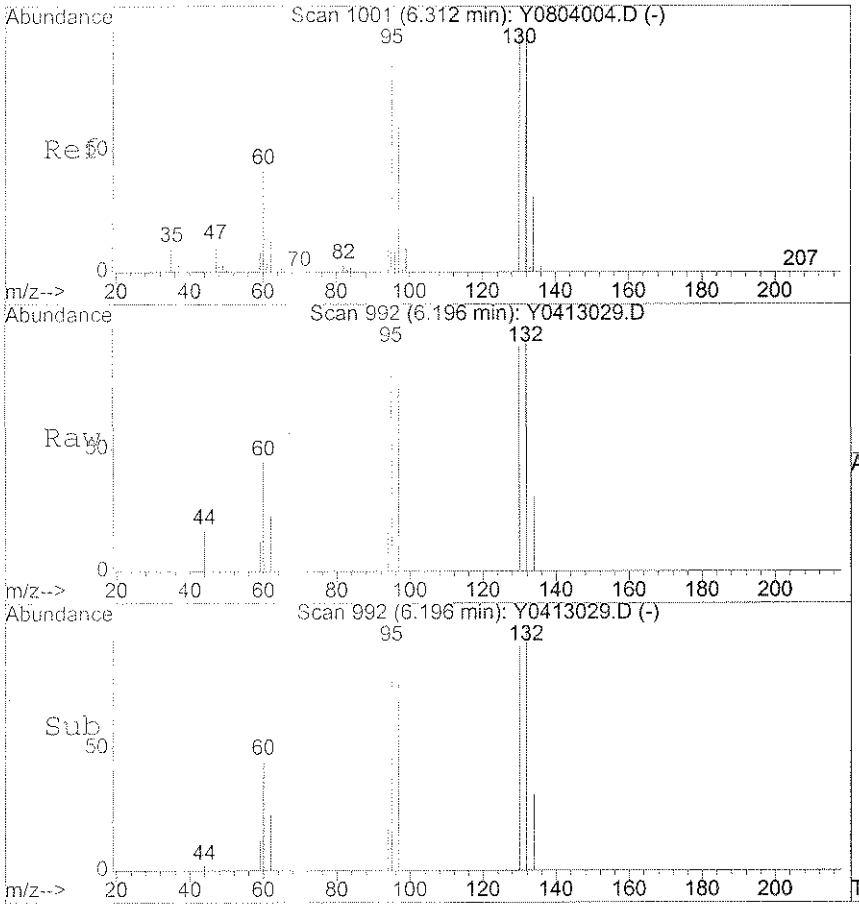


#35
Carbon Tetrachloride
Concen: 1.29 ug/l
RT: 5.12 min Scan# 809
Delta R.T. 0.01 min
Lab File: Y0413029.D
Acq: 13 Apr 2007 17:50

Tgt Ion:117 Resp: 4028

Ion	Ratio	Lower	Upper
117	100		
119	103.0	78.2	118.2

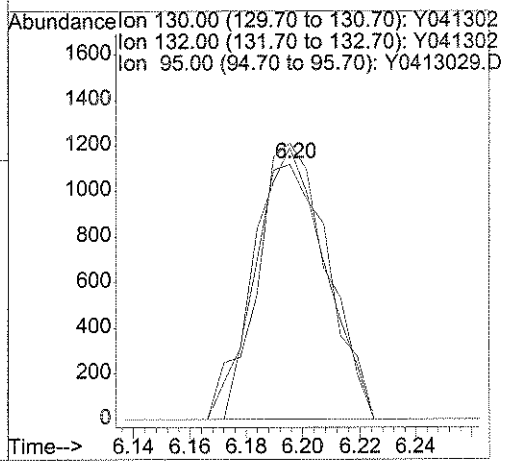




#41
Trichloroethene
Concen: 0.82 ug/l
RT: 6.20 min Scan# 992
Delta R.T. 0.01 min
Lab File: Y0413029.D
Acq: 13 Apr 2007 17:50

Tgt Ion:130 Resp: 2003

Ion	Ratio	Lower	Upper
130	100		
132	104.0	75.0	115.0
95	103.8	69.4	109.4



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-5-4/2/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-019

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413012.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 10:47

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-5-4/2/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-019

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413012.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 10:47

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-5-4/2/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL30 Run Sequence: R016833

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL30-019

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0413012.D

Level: (LOW/MED) Date Collected: 04/02/2007

% Moisture: not dec. Date/Time Analyzed: 04/13/2007 10:47

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

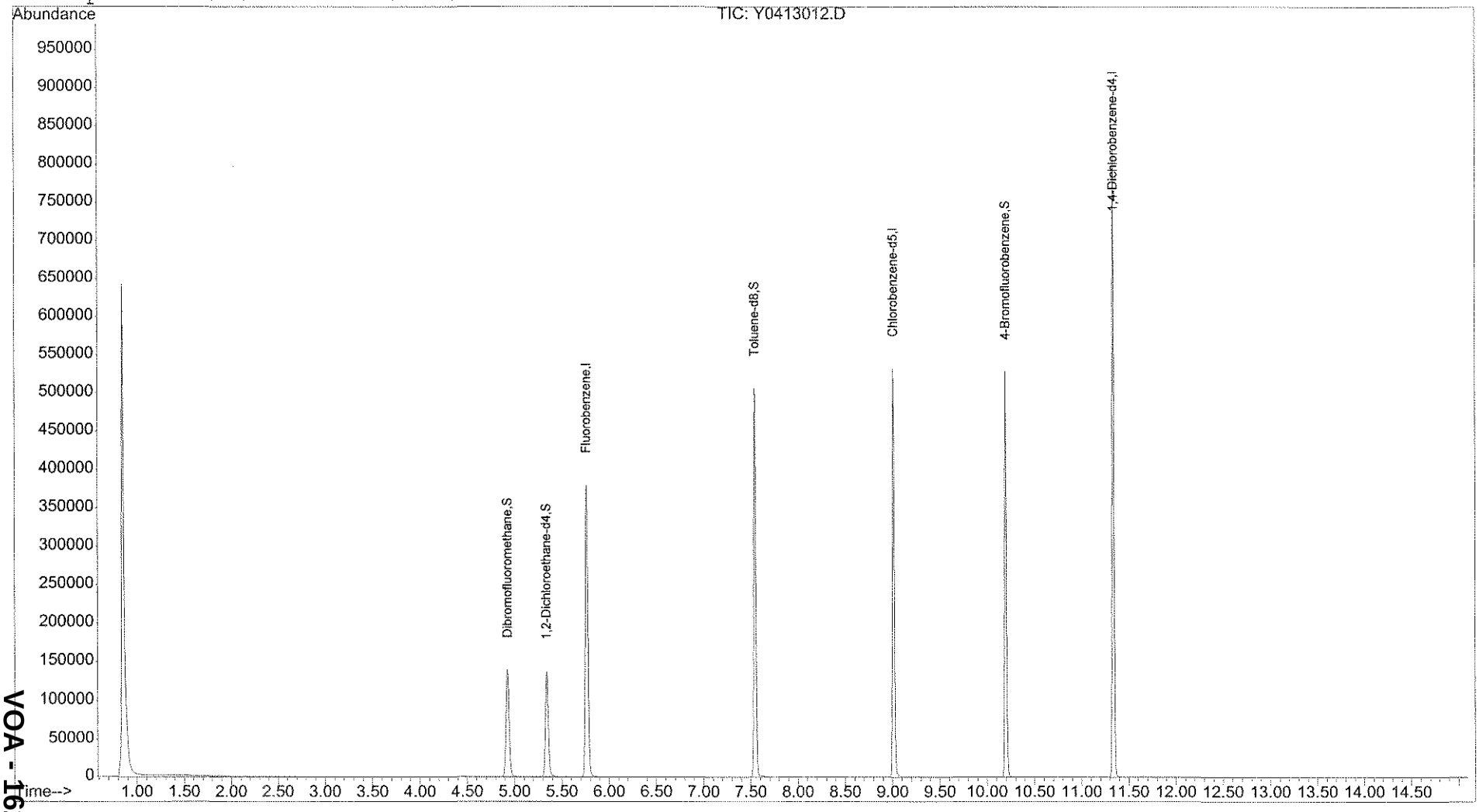
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413012.D Vial: 27
Acq On : 13 Apr 2007 10:47 Operator: LNH
Sample : JPL30-019 EB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:04 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 162

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413012.D Vial: 27
Acq On : 13 Apr 2007 10:47 Operator: LNH
Sample : JPL30-019 EB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:04 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	348620	50.00	ug/l	0.00 102.62%
50) Chlorobenzene-d5	9.01	82	133681	50.00	ug/l	0.00 82.94%
70) 1,4-Dichlorobenzene-d4	11.34	152	182353	50.00	ug/l	0.00 80.92%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	101060	47.91	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 95.82%			
37) 1,2-Dichloroethane-d4	5.34	65	108551	48.51	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.02%			
51) Toluene-d8	7.54	98	299688	56.49	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 112.98%			
72) 4-Bromofluorobenzene	10.20	95	136609	51.85	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	69	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413012.D Vial: 27
Acq On : 13 Apr 2007 10:47 Operator: LNH
Sample : JPL30-019 EB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:04 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	5.38	78	63	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
52)	Toluene	0.00	92	0	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.00	91	428	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.17	91	640	N.D.		
65)	m,p-Xylene	9.30	106	414	N.D.		
66)	o-xylene	9.68	106	53	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041307\Y0413012.D Vial: 27
Acq On : 13 Apr 2007 10:47 Operator: LNH
Sample : JPL30-019 EB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 9:04 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

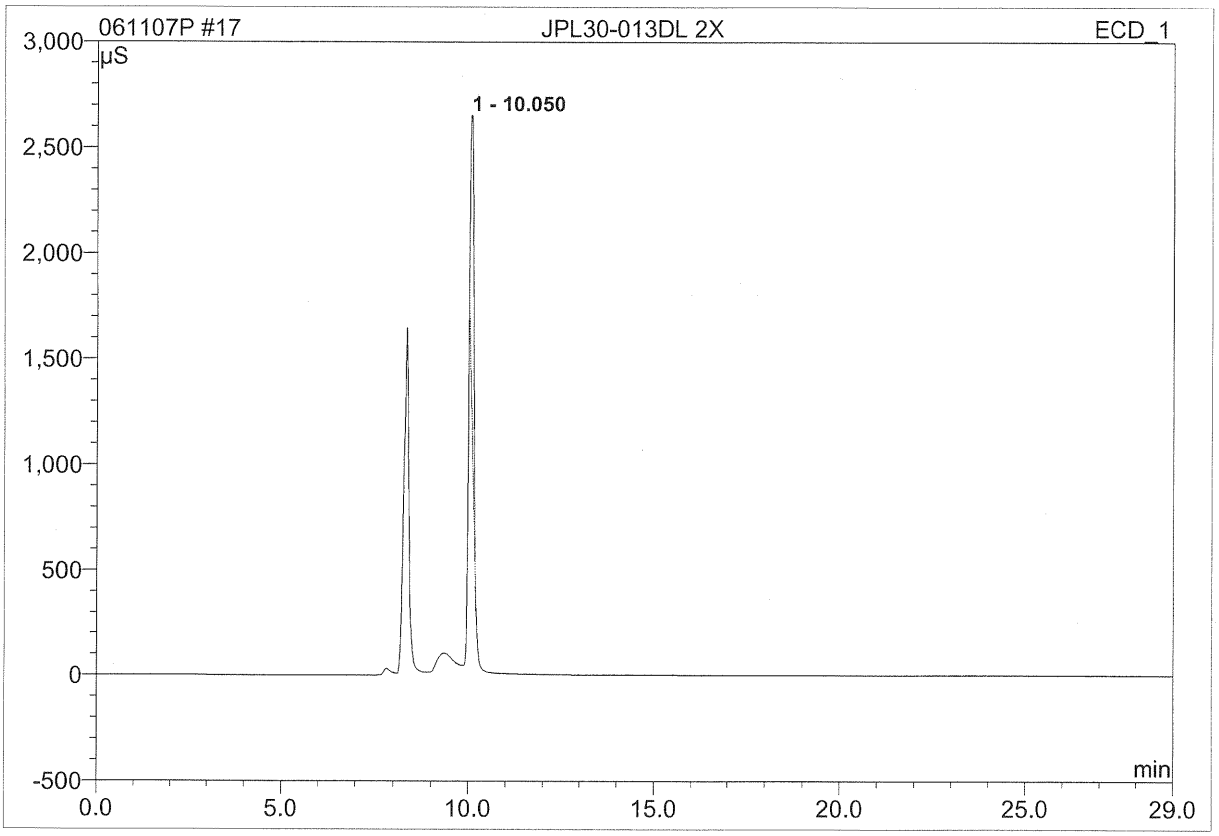
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	0.00	105	0	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	10.46	91	248	N.D.	
78)	4-Chlorotoluene	10.64	91	111	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.02	105	125	N.D.	
82)	sec-butylbenzene	11.18	105	115	N.D.	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
84)	4-Isopropyltoluene	11.34	119	407	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	11.74	91	365	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

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

17 JPL30-013DL 2X

ICS-2500 DIONEX B

Sample Name:	**JPL30-013DL 2X**	*Injection Volume:*	**5.0**
Vial Number:	**17**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**perchlorate**	*Bandwidth:*	**n.a.**
Quantif. Method:	**perc**	*Dilution Factor:*	**1.0000**
Recording Time:	**6/11/2007 23:10**	*Sample Weight:*	**1.0000**
Run Time (min):	**29.00**	*Sample Amount:*	**1.0000**

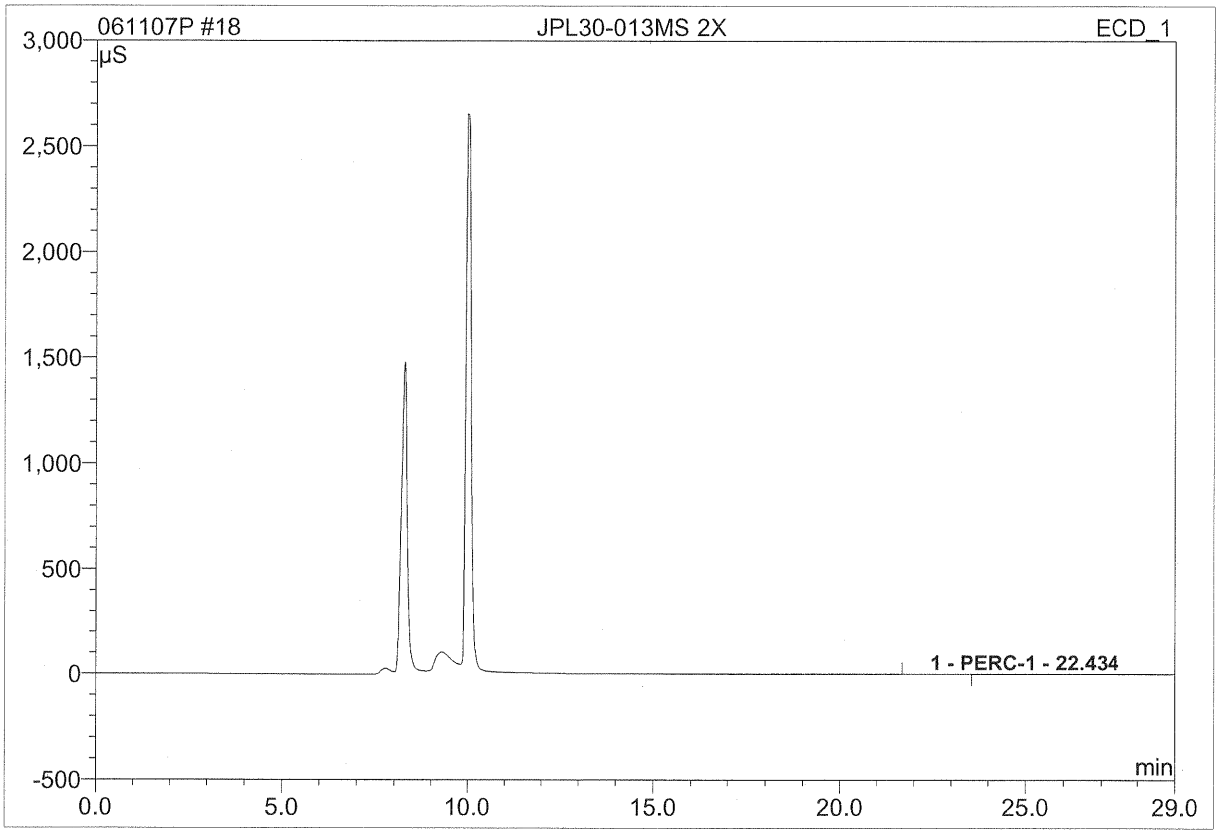


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	10.05	n.a.	1204.128	149.899	100.00	n.a.	BMB
Total:			1204.128	149.899	100.00	0.000	

18 JPL30-013MS 2X

ICS-2500 DIONEX B (250 uL IC-7-24-9)

Sample Name:	**JPL30-013MS 2X**	*Injection Volume:*	**5.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**perchlorate**	*Bandwidth:*	**n.a.**
Quantif. Method:	**perc**	*Dilution Factor:*	**1.0000**
Recording Time:	**6/11/2007 23:41**	*Sample Weight:*	**1.0000**
Run Time (min):	**29.00**	*Sample Amount:*	**1.0000**

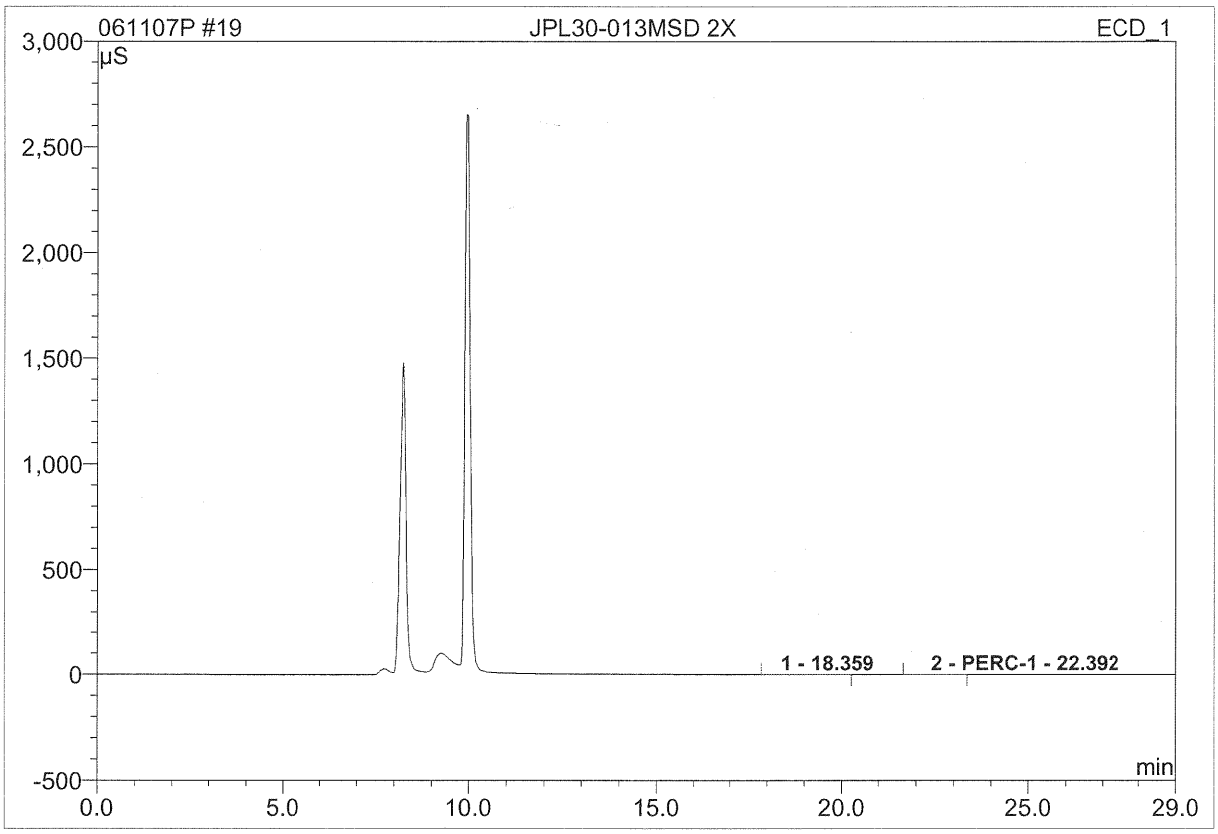


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	22.43	PERC-1	0.349	0.217	100.00	21.275	BMB
Total:			0.349	0.217	100.00	21.275	

19 JPL30-013MSD 2X

ICS-2500 DIONEX B (250 uL IC-7-24-9)

Sample Name:	**JPL30-013MSD 2X**	*Injection Volume:*	**5.0**
Vial Number:	**19**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**perchlorate**	*Bandwidth:*	**n.a.**
Quantif. Method:	**perc**	*Dilution Factor:*	**1.0000**
Recording Time:	**6/12/2007 0:12**	*Sample Weight:*	**1.0000**
Run Time (min):	**29.00**	*Sample Amount:*	**1.0000**

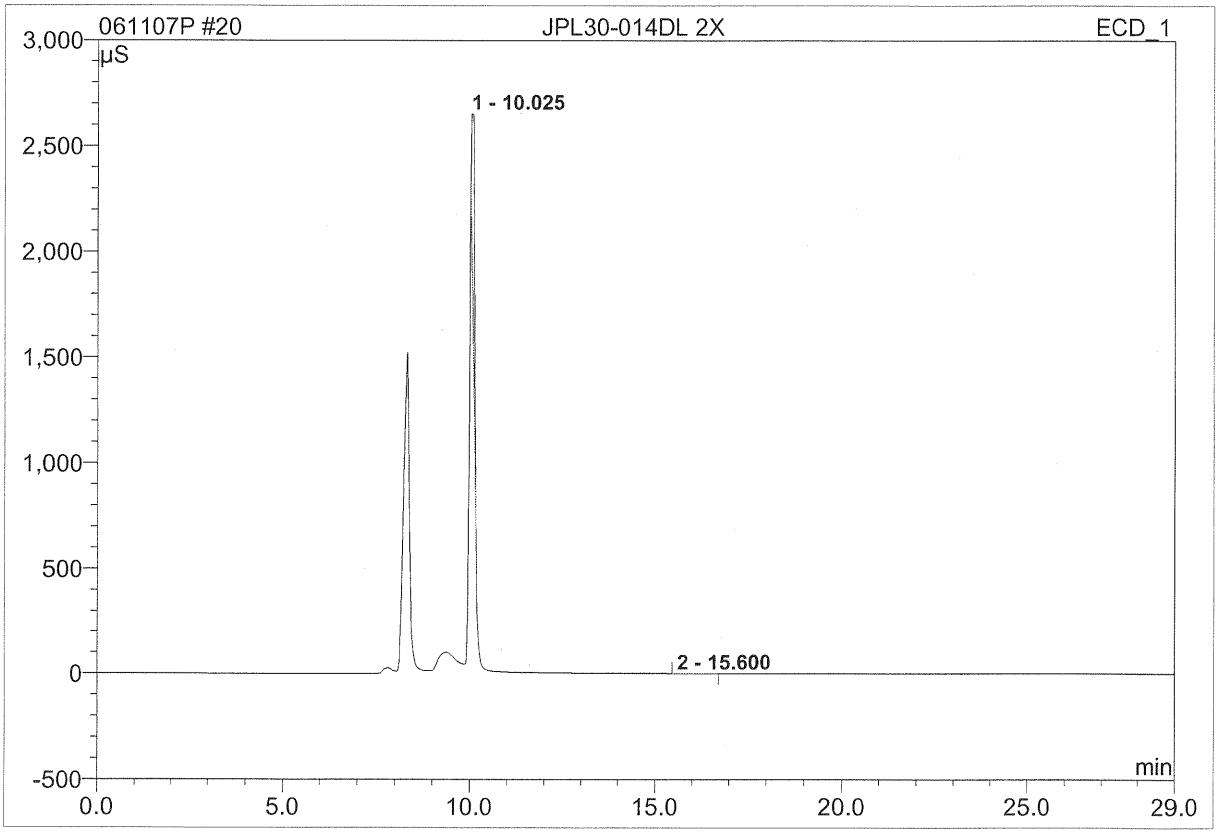


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	18.36	n.a.	0.086	0.105	32.16	n.a.	BMB
2	22.39	PERC-1	0.357	0.221	67.84	21.634	BMB
Total:			0.443	0.326	100.00	21.634	

20 JPL30-014DL 2X

ICS-2500 DIONEX B

Sample Name:	**JPL30-014DL 2X**	*Injection Volume:*	**5.0**
Vial Number:	**20**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**perchlorate**	*Bandwidth:*	**n.a.**
Quantif. Method:	**perc**	*Dilution Factor:*	**1.0000**
Recording Time:	**6/12/2007 0:44**	*Sample Weight:*	**1.0000**
Run Time (min):	**29.00**	*Sample Amount:*	**1.0000**

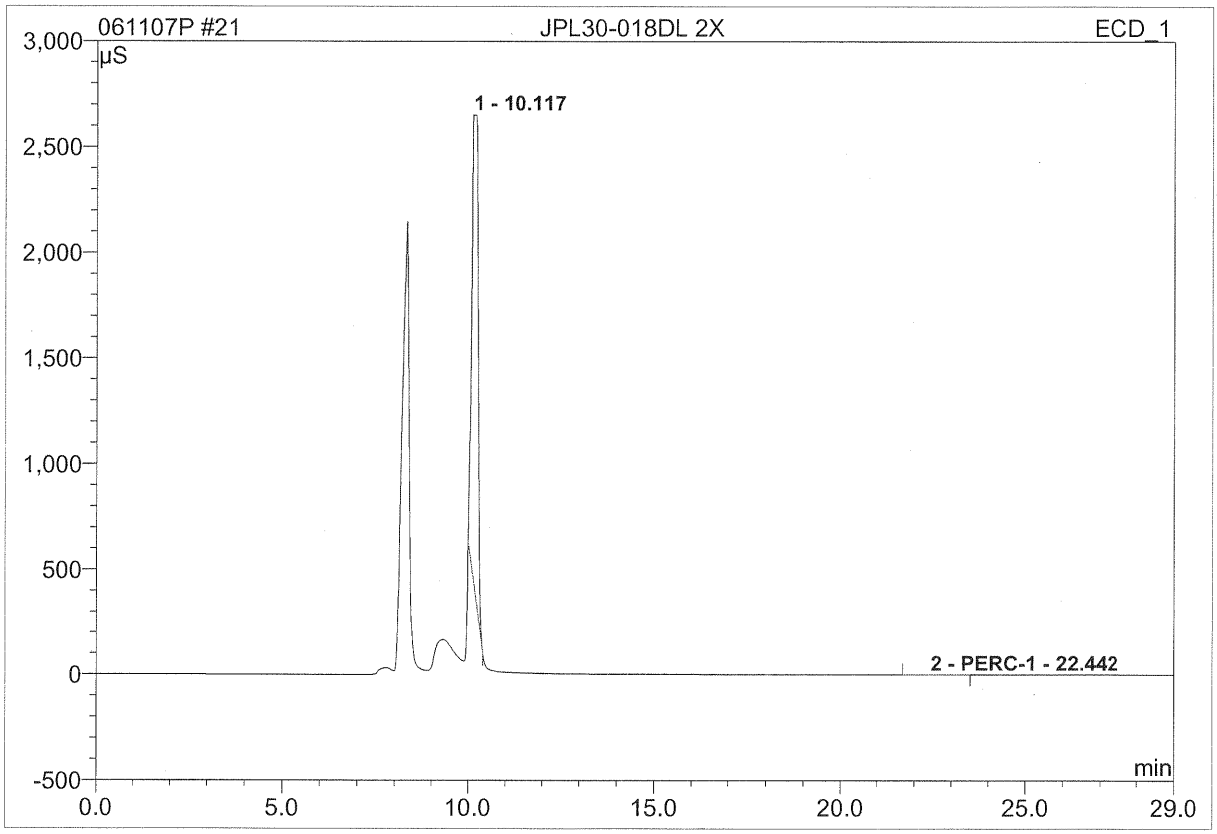


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	10.03	n.a.	587.378	88.283	99.97	n.a.	BMB
2	15.60	n.a.	0.034	0.028	0.03	n.a.	BMB
Total:			587.412	88.311	100.00	0.000	

21 JPL30-018DL 2X

ICS-2500 DIONEX B

Sample Name:	**JPL30-018DL 2X**	*Injection Volume:*	**5.0**
Vial Number:	**21**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**perchlorate**	*Bandwidth:*	**n.a.**
Quantif. Method:	**perc**	*Dilution Factor:*	**1.0000**
Recording Time:	**6/12/2007 1:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**29.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	10.12	n.a.	2180.857	452.228	99.94	n.a.	BMB
2	22.44	PERC-1	0.428	0.264	0.06	25.882	BMB
Total:			2181.285	452.492	100.00	25.882	

TIC REPORTS

SDG #JPL30

Volatiles Analysis

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-20-5

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-001

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413014.D

Level: (LOW/MED)

Date Collected: 03/31/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
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28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413014.D Vial: 28
Acq On : 13 Apr 2007 11:36 Operator: LNH
Sample : JPL30-001 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413014.D 8260B.M Mon Apr 16 09:06:00 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-20-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-002

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413015.D

Level: (LOW/MED)

Date Collected: 03/31/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413015.D Vial: 29
Acq On : 13 Apr 2007 12:01 Operator: LNH
Sample : JPL30-002 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413015.D 8260B.M Mon Apr 16 09:07:12 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-20-3

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-003

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413016.D

Level: (LOW/MED)

Date Collected: 03/31/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413016.D Vial: 30
Acq On : 13 Apr 2007 12:26 Operator: LNH
Sample : JPL30-003 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413016.D 8260B.M Mon Apr 16 09:55:31 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-20-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-004

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413017.D

Level: (LOW/MED)

Date Collected: 03/31/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413017.D Vial: 31
Acq On : 13 Apr 2007 12:50 Operator: LNH
Sample : JPL30-004 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413017.D 8260B.M Mon Apr 16 09:09:37 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-20-1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-005

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413018.D

Level: (LOW/MED)

Date Collected: 03/31/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413018.D Vial: 32
Acq On : 13 Apr 2007 13:14 Operator: LNH
Sample : JPL30-005 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413018.D 8260B.M Mon Apr 16 09:10:19 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

DUPE-3-1Q07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-006

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413019.D

Level: (LOW/MED)

Date Collected: 03/31/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413019.D Vial: 33
Acq On : 13 Apr 2007 13:39 Operator: LNH
Sample : JPL30-006 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413019.D 8260B.M Mon Apr 16 09:11:06 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-4-3/30/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-007

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413009.D

Level: (LOW/MED)

Date Collected: 03/31/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
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30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413009.D Vial: 24
Acq On : 13 Apr 2007 9:33 Operator: LNH
Sample : JPL30-007 EB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413009.D 8260B.M Mon Apr 16 09:02:35 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-4-3/30/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-008

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413010.D

Level: (LOW/MED)

Date Collected: 03/31/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
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28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413010.D Vial: 25
Acq On : 13 Apr 2007 9:58 Operator: LNH
Sample : JPL30-008 TB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413010.D 8260B.M Mon Apr 16 09:02:25 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-19-5

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-009

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413021.D

Level: (LOW/MED)

Date Collected: 04/03/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
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27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413021.D
Acq On : 13 Apr 2007 14:34
Sample : JPL30-009
Misc : 5mL+IS/SS #3
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

Vial: 35
Operator: LNH
Inst : yoda
Multiplr: 1.00

No Library Search Compounds Detected

****
Y0413021.D 8260B.M Mon Apr 16 09:12:34 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-19-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-010

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413022.D

Level: (LOW/MED)

Date Collected: 04/03/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413022.D Vial: 36
Acq On : 13 Apr 2007 14:59 Operator: LNH
Sample : JPL30-010 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413022.D 8260B.M Mon Apr 16 09:13:22 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-19-3

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-011

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413023.D

Level: (LOW/MED)

Date Collected: 04/03/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
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16					
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28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413023.D Vial: 37
Acq On : 13 Apr 2007 15:23 Operator: LNH
Sample : JPL30-011 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413023.D 8260B.M Mon Apr 16 09:14:10 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.: MW-19-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-012

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413024.D

Level: (LOW/MED)

Date Collected: 04/03/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413024.D Vial: 38
Acq On : 13 Apr 2007 15:48 Operator: LNH
Sample : JPL30-012 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413024.D 8260B.M Mon Apr 16 09:15:01 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-19-1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-013

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413025.D

Level: (LOW/MED)

Date Collected: 04/03/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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04					
05					
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28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413025.D Vial: 39
Acq On : 13 Apr 2007 16:13 Operator: LNH
Sample : JPL30-013 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413025.D 8260B.M Mon Apr 16 09:15:39 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

DUPE-4-1Q07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-014

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413026.D

Level: (LOW/MED)

Date Collected: 04/03/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413026.D Vial: 40
Acq On : 13 Apr 2007 16:37 Operator: LNH
Sample : JPL30-014 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413026.D 8260B.M Mon Apr 16 09:16:16 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-5-4/2/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-015

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413011.D

Level: (LOW/MED)

Date Collected: 04/03/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413011.D Vial: 26
Acq On : 13 Apr 2007 10:22 Operator: LNH
Sample : JPL30-015 TB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413011.D 8260B.M Mon Apr 16 09:03:28 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-3-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-016

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413027.D

Level: (LOW/MED)

Date Collected: 04/03/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413027.D Vial: 41
Acq On : 13 Apr 2007 17:01 Operator: LNH
Sample : JPL30-016 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413027.D 8260B.M Mon Apr 16 09:17:09 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-3-3

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-017

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413028.D

Level: (LOW/MED)

Date Collected: 04/03/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413028.D Vial: 42
Acq On : 13 Apr 2007 17:26 Operator: LNH
Sample : JPL30-017 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413028.D 8260B.M Mon Apr 16 09:17:51 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-3-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-018

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413029.D

Level: (LOW/MED)

Date Collected: 04/03/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413029.D
Acq On : 13 Apr 2007 17:50
Sample : JPL30-018
Misc : 5mL+IS/SS #3
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

Vial: 43
Operator: LNH
Inst : yoda
Multiplr: 1.00

No Library Search Compounds Detected

****

Y0413029.D 8260B.M Mon Apr 16 09:18:42 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-5-4/2/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL30

Run Sequence: R016833

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL30-019

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0413012.D

Level: (LOW/MED)

Date Collected: 04/03/2007

% Moisture: not dec.

Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
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26					
27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413012.D Vial: 27
Acq On : 13 Apr 2007 10:47 Operator: LNH
Sample : JPL30-019 EB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413012.D 8260B.M Mon Apr 16 09:04:22 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
B041307MVOWY1

Lab Name: Laucks Testing Laboratories, Inc
Contract: JPL Groundwater Monitorin

SDG No.: JPL30
Run Sequence: R016833

Matrix: (SOIL/WATER) Water
Lab Sample ID: B041307MVOWY1

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: Y0413007.D

Level: (LOW/MED)
Date Collected:

% Moisture: not dec.
Date Analyzed: 04/13/2007

GC Column: DB-624 20m ID: 0.18 (mm)
Dilution Factor: 1.0

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

Number TICs Found: 0
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041307\Y0413007.D Vial: 22
Acq On : 13 Apr 2007 8:44 Operator: LNH
Sample : B041307MVOWY1 Inst : yoda
Misc : 5mLpfw+IS/SS(MV8-38-1) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0413007.D 8260B.M Mon Apr 16 09:02:45 2007

Library Search Compound Report

Data File : X:\MSVOA\YODA\041607\Y0416010.D Vial: 24
Acq On : 16 Apr 2007 11:07 Operator: LNH
Sample : B041607MVOWY1 Inst : yoda
Misc : 5mLpfw+IS/SS(MV8-38-1) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0416010.D 8260B.M Thu Apr 19 11:18:50 2007

Metals Data

JPL30

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL30

SOW No.:

Sample No.	Lab Sample ID
MW-20-5	JPL30-001
MW-20-4	JPL30-002
MW-20-4D	JPL30-002D
MW-20-4MS	JPL30-002MS
MW-20-3	JPL30-003
MW-20-2	JPL30-004
MW-20-1	JPL30-005
DUPE-3-1Q07	JPL30-006
EB-4-3/30/07	JPL30-007
MW-3-4	JPL30-016
MW-3-3	JPL30-017
MW-3-3MS	JPL30-017MS
MW-3-3MSD	JPL30-017MSD
MW-3-2	JPL30-018
EB-5-4/2/07	JPL30-019

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No NO

If yes-was raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is technically complete, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Bill Ambacher Name: Bill Ambacher

Date: 4/24/07 Title: Inorganics/Metals Manager

MET-2

Metals Analysis Data Sheets

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-20-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL30

Matrix (soil/water): Water Lab Sample ID: JPL30-001

Level (low/med): LOW Date Received: 03/31/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-20-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL30

Matrix (soil/water): Water Lab Sample ID: JPL30-002

Level (low/med): LOW Date Received: 03/31/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R016781

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-20-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL30

Matrix (soil/water): Water Lab Sample ID: JPL30-003

Level (low/med): LOW Date Received: 03/31/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.90			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-20-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL30

Matrix (soil/water): Water Lab Sample ID: JPL30-004

Level (low/med): LOW Date Received: 03/31/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-20-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL30

Matrix (soil/water): Water Lab Sample ID: JPL30-005

Level (low/med): LOW Date Received: 03/31/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.05			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

DUPE-3-1Q07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL30

Matrix (soil/water): Water Lab Sample ID: JPL30-006

Level (low/med): LOW Date Received: 03/31/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-4-3/30/07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL30

Matrix (soil/water): Water Lab Sample ID: JPL30-007

Level (low/med): LOW Date Received: 03/31/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.42			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-3-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL30

Matrix (soil/water): Water Lab Sample ID: JPL30-016

Level (low/med): LOW Date Received: 04/03/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.22			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-3-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL30

Matrix (soil/water): Water Lab Sample ID: JPL30-017

Level (low/med): LOW Date Received: 04/03/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

MET-12

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-3-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL30

Matrix (soil/water): Water Lab Sample ID: JPL30-018

Level (low/med): LOW Date Received: 04/03/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.39			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-5-4/2/07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL30

Matrix (soil/water): Water Lab Sample ID: JPL30-019

Level (low/med): LOW Date Received: 04/03/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.43			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

Miscellaneous Inorganic Data

JPL30

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LAUCKS TESTING LABS, INC.

Lab Code: LAUCKS SDG No.: JPL30

Client Identification	Lab Sample Work Order Number
MW-20-5	JPL30-001DL
MW-20-4	JPL30-002DL
MW-20-3	JPL30-003DL
MW-20-2	JPL30-004DL
MW-20-1	JPL30-005DL
DUP0E-3-1Q07	JPL30-006DL
EB-4-3/30/07	JPL30-007
MW-19-5	JPL30-009DL
MW-19-4	JPL30-010DL
MW-19-3	JPL30-011DL
MW-19-2	JPL30-012DL
MW-19-1	JPL30-013DL
DUPE-4-1Q07	JPL30-014DL
MW-3-4	JPL30-016DL
MW-3-3	JPL30-017DL
MW-3-3MS	JPL30-017MS
MW-3-3MSD	JPL30-017MSD
MW-3-2	JPL30-018DL
EB-5-4/2/07	JPL30-019

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Jennifer Penner

Date: 4-20-07 Title: Inorganics Lead

Inorganic Analysis Data Sheets

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL30		
Sample Number:	MW-20-5	**Date/Time Collected:**	03/30/2007 08:05
Lab Sample ID:	JPL30-001	**Date/Time Received:**	03/31/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/13/2007	04/14/2007	R016835

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL30		
Sample Number:	MW-20-4	**Date/Time Collected:**	03/30/2007 08:41
Lab Sample ID:	JPL30-002	**Date/Time Received:**	03/31/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/13/2007	04/14/2007	R016835

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL30		
Sample Number:	MW-20-3	**Date/Time Collected:**	03/30/2007 09:19
Lab Sample ID:	JPL30-003	**Date/Time Received:**	03/31/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2.5	2.5	U	2.5	0.35	04/13/2007	04/14/2007	R016835

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL30		
Sample Number:	MW-20-2	**Date/Time Collected:**	03/30/2007 09:51
Lab Sample ID:	JPL30-004	**Date/Time Received:**	03/31/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/13/2007	04/14/2007	R016835

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL30		
Sample Number:	MW-20-1	**Date/Time Collected:**	03/30/2007 10:40
Lab Sample ID:	JPL30-005	**Date/Time Received:**	03/31/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	04/13/2007	04/14/2007	R016835

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL30		
Sample Number:	DUPE-3-1Q07	**Date/Time Collected:**	03/30/2007 00:00
Lab Sample ID:	JPL30-006	**Date/Time Received:**	03/31/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/13/2007	04/14/2007	R016835

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL30		
Sample Number:	EB-4-3/30/07	**Date/Time Collected:**	03/30/2007 10:29
Lab Sample ID:	JPL30-007	**Date/Time Received:**	03/31/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	1	1.0	U	1.0	0.14	04/13/2007	04/14/2007	R016835

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL30		
Sample Number:	MW-19-5	**Date/Time Collected:**	04/02/2007 07:48
Lab Sample ID:	JPL30-009	**Date/Time Received:**	04/03/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	04/13/2007	04/14/2007	R016835

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Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL30		
Sample Number:	MW-19-4	**Date/Time Collected:**	04/02/2007 08:10
Lab Sample ID:	JPL30-010	**Date/Time Received:**	04/03/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2.5	2.5	U	2.5	0.35	04/13/2007	04/14/2007	R016835

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL30		
Sample Number:	MW-19-3	**Date/Time Collected:**	04/02/2007 08:30
Lab Sample ID:	JPL30-011	**Date/Time Received:**	04/03/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	04/13/2007	04/14/2007	R016835

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Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL30		
Sample Number:	MW-19-2	**Date/Time Collected:**	04/02/2007 08:50
Lab Sample ID:	JPL30-012	**Date/Time Received:**	04/03/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	04/13/2007	04/14/2007	R016835

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL30		
Sample Number:	MW-19-1	**Date/Time Collected:**	04/02/2007 09:22
Lab Sample ID:	JPL30-013	**Date/Time Received:**	04/03/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	47		2.0	0.28	04/13/2007	04/14/2007	R016835

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL30		
Sample Number:	DUPE-4-1Q07	**Date/Time Collected:**	04/02/2007 00:00
Lab Sample ID:	JPL30-014	**Date/Time Received:**	04/03/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/13/2007	04/14/2007	R016835

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL30		
Sample Number:	MW-3-4	**Date/Time Collected:**	04/02/2007 10:33
Lab Sample ID:	JPL30-016	**Date/Time Received:**	04/03/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/13/2007	04/14/2007	R016835

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL30		
Sample Number:	MW-3-3	**Date/Time Collected:**	04/02/2007 11:04
Lab Sample ID:	JPL30-017	**Date/Time Received:**	04/03/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/13/2007	04/14/2007	R016835

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL30		
Sample Number:	MW-3-2	**Date/Time Collected:**	04/02/2007 11:47
Lab Sample ID:	JPL30-018	**Date/Time Received:**	04/03/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	45		2.0	0.28	04/16/2007	04/17/2007	R016893

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL30		
Sample Number:	EB-5-4/2/07	**Date/Time Collected:**	04/02/2007 09:07
Lab Sample ID:	JPL30-019	**Date/Time Received:**	04/03/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	1	1.0	U	1.0	0.14	04/16/2007	04/17/2007	R016893

SAMPLE DATA

SDG JPL31

VOLATILES ANALYSIS

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415012.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 15:49

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.35	J

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415012.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 15:49

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	1.7	
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415012.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 15:49

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

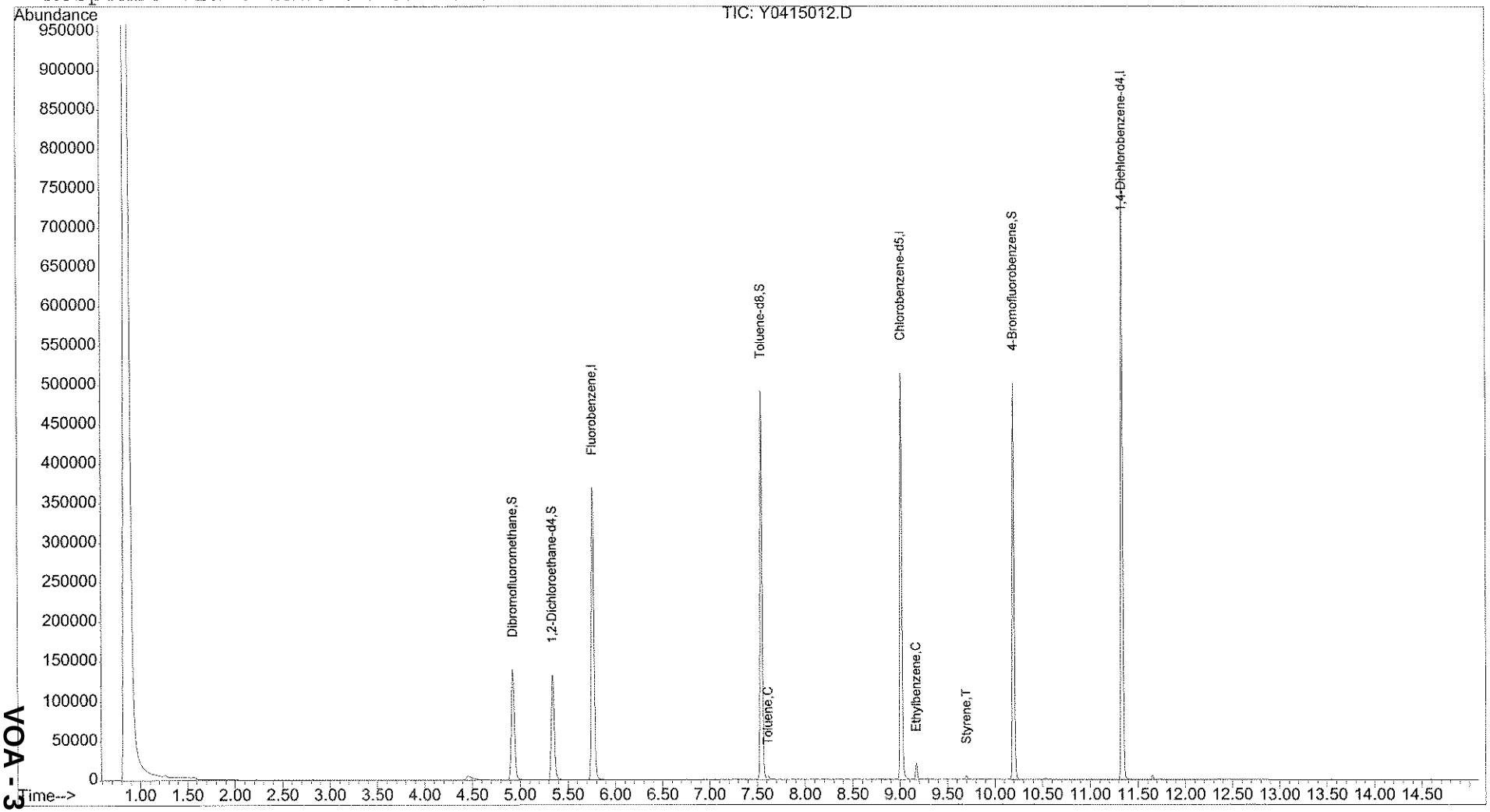
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415012.D Vial: 25
Acq On : 15 Apr 2007 15:49 Operator: LH
Sample : JPL31-001 Inst : yoda
Misc : 5mL+IS/SS #6 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:38 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415012.D Vial: 25
Acq On : 15 Apr 2007 15:49 Operator: LH
Sample : JPL31-001 Inst : yoda
Misc : 5mL+IS/SS #6 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:38 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	341397	50.00	ug/l	0.00 100.49%
50) Chlorobenzene-d5	9.01	82	132251	50.00	ug/l	0.00 82.05%
70) 1,4-Dichlorobenzene-d4	11.34	152	179126	50.00	ug/l	0.00 79.49%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	101130	48.96	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 97.92%			
37) 1,2-Dichloroethane-d4	5.34	65	104990	47.91	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.82%			
51) Toluene-d8	7.54	98	291397	55.52	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 111.04%			
72) 4-Bromofluorobenzene	10.20	95	133657	51.65	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	1.16	62	257	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.15	43	190	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	608	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.	d	
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415012.D Vial: 25
Acq On : 15 Apr 2007 15:49 Operator: LH
Sample : JPL31-001 Inst : yoda
Misc : 5mL+IS/SS #6 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:38 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.	
25)	2,2-Dichloropropane	0.00	77	0	N.D.	
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.	
27)	2-Butanone	0.00	43	0	N.D.	
28)	Propionitrile	0.00	54	0	N.D.	
29)	Bromochloromethane	0.00	128	0	N.D.	
30)	Methacrylonitrile	0.00	41	0	N.D.	
31)	Chloroform	0.00	83	0	N.D.	
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	0.00	56	0	N.D.	
35)	Carbon Tetrachloride	0.00	117	0	N.D.	
36)	1,1-Dichloropropene	0.00	75	0	N.D.	
38)	Benzene	5.40	78	363	N.D.	
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D.	
41)	Trichloroethene	0.00	130	0	N.D.	
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	0.00	83	0	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	7.61	92	1440	0.35 ug/l	98
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.04	112	288	N.D.	
62)	1-Chlorohexane	0.00	91	0	N.D. d	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	9.17	91	13088	1.70 ug/l	99
65)	m,p-Xylene	9.29	106	364	N.D.	
66)	o-xylene	9.68	106	62	N.D.	
67)	Styrene	9.70	104	2418	0.50 ug/l	95
68)	Bromoform	0.00	173	0	N.D.	

LN 4/16/07

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

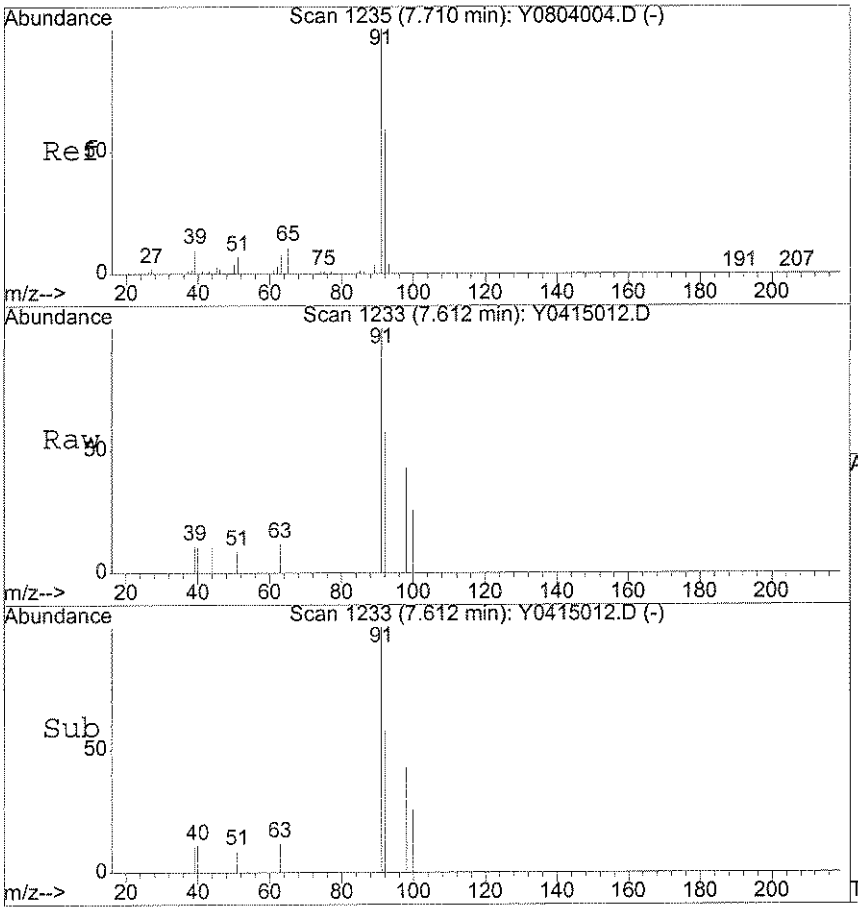
Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415012.D Vial: 25
Acq On : 15 Apr 2007 15:49 Operator: LH
Sample : JPL31-001 Inst : yoda
Misc : 5mL+IS/SS #6 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:38 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	10.05	105	214	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	10.53	91	63	N.D.		
78)	4-Chlorotoluene	10.64	91	78	N.D.		
79)	1,3,5-Trimethylbenzene	10.65	105	190	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.01	105	225	N.D.		
82)	sec-butylbenzene	11.18	105	308	N.D.		
83)	1,3-Dichlorobenzene	11.27	146	153	N.D.		
84)	4-Isopropyltoluene	11.34	119	627	N.D.		
85)	1,4-Dichlorobenzene	11.36	146	314	N.D.		
86)	1,2-Dichlorobenzene	11.72	146	65	N.D.		
87)	n-Butylbenzene	11.74	91	618	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	13.31	180	151	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.	d	
91)	Naphthalene	13.55	128	190	N.D.		
92)	1,2,3-Trichlorobenzene	13.79	180	86	N.D.		

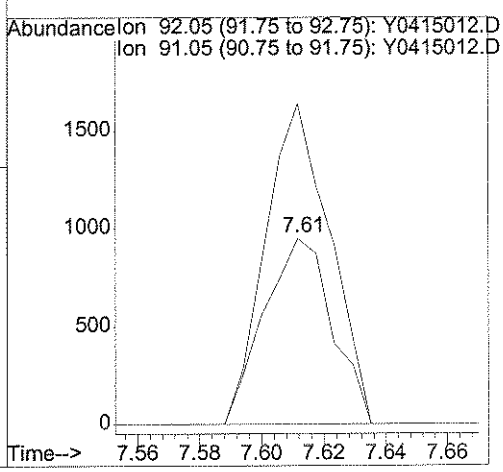
(#) = qualifier out of range (m) = manual integration

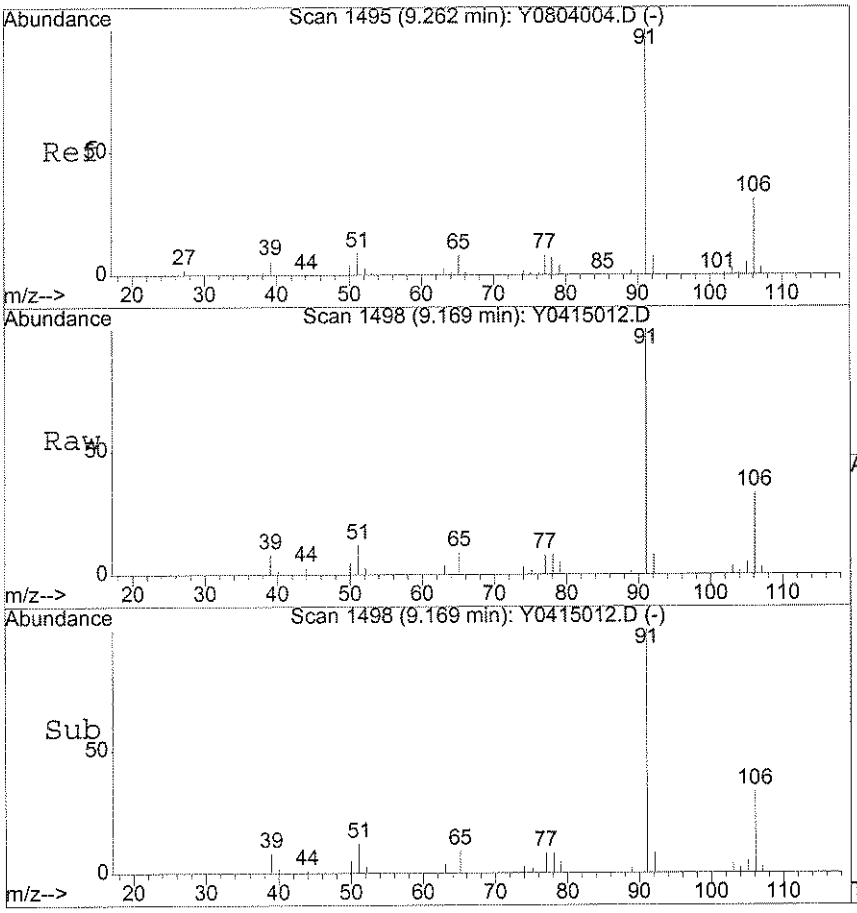


#52
Toluene
Concen: 0.35 ug/l
RT: 7.61 min Scan# 1233
Delta R.T. 0.00 min
Lab File: Y0415012.D
Acq: 15 Apr 2007 15:49

Tgt Ion: 92 Resp: 1440

Ion	Ratio	Lower	Upper
92	100		
91	163.8	133.7	200.5

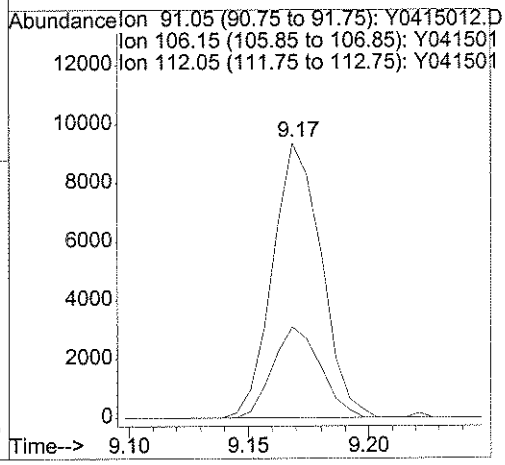


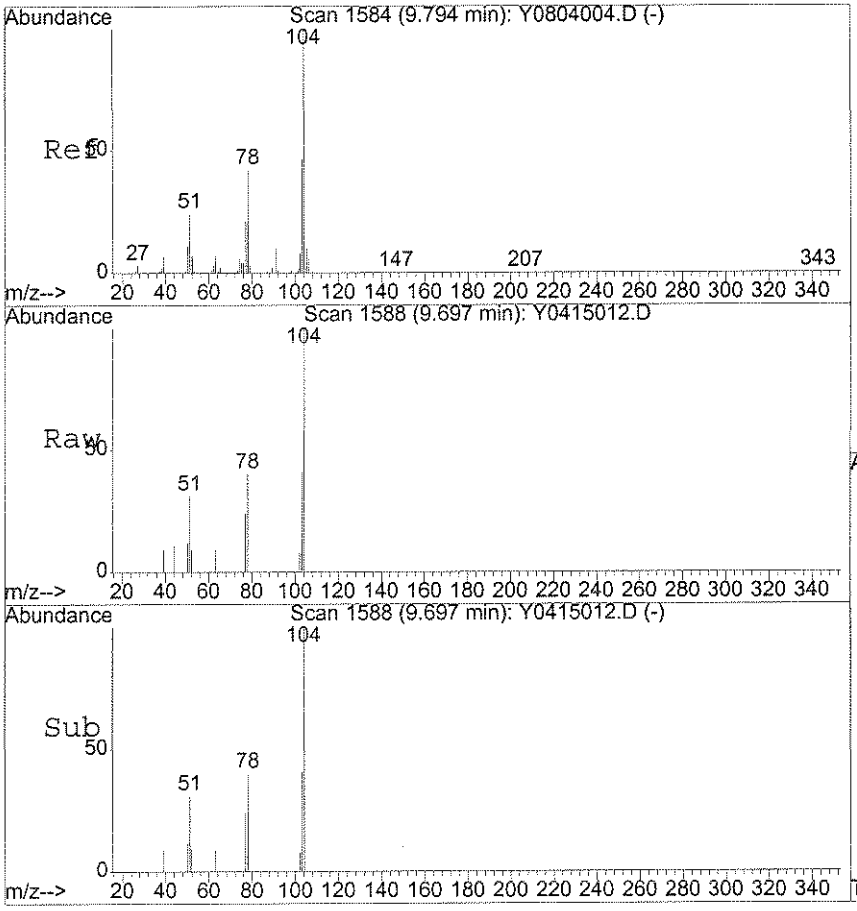


#64
Ethylbenzene
Concen: 1.70 ug/l
RT: 9.17 min Scan# 1498
Delta R.T. 0.00 min
Lab File: Y0415012.D
Acq: 15 Apr 2007 15:49

Tgt Ion: 91 Resp: 13088

Ion	Ratio	Lower	Upper
91	100		
106	33.0	26.1	39.1
112	0.0	0.0	0.0

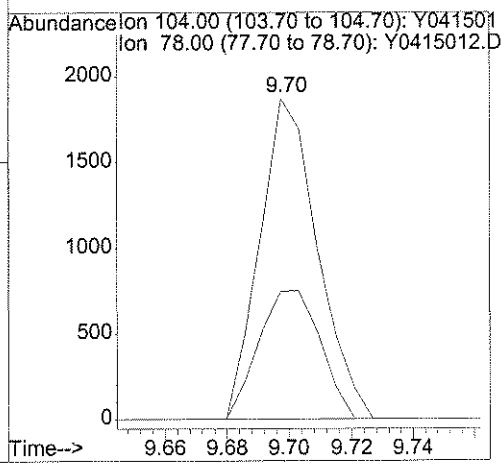




#67
Styrene
Concen: 0.50 ug/l
RT: 9.70 min Scan# 1588
Delta R.T. 0.00 min
Lab File: Y0415012.D
Acq: 15 Apr 2007 15:49

Tgt Ion:104 Resp: 2418

Ion	Ratio	Lower	Upper
104	100		
78	42.8	19.7	59.7



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-2

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL31-002

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0415013.D

Level: (LOW/MED)

Date Collected: 04/03/2007

% Moisture: not dec.

Date/Time Analyzed: 04/15/2007 16:14

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.30	J
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.70	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415013.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 16:14

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.46	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415013.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 16:14

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

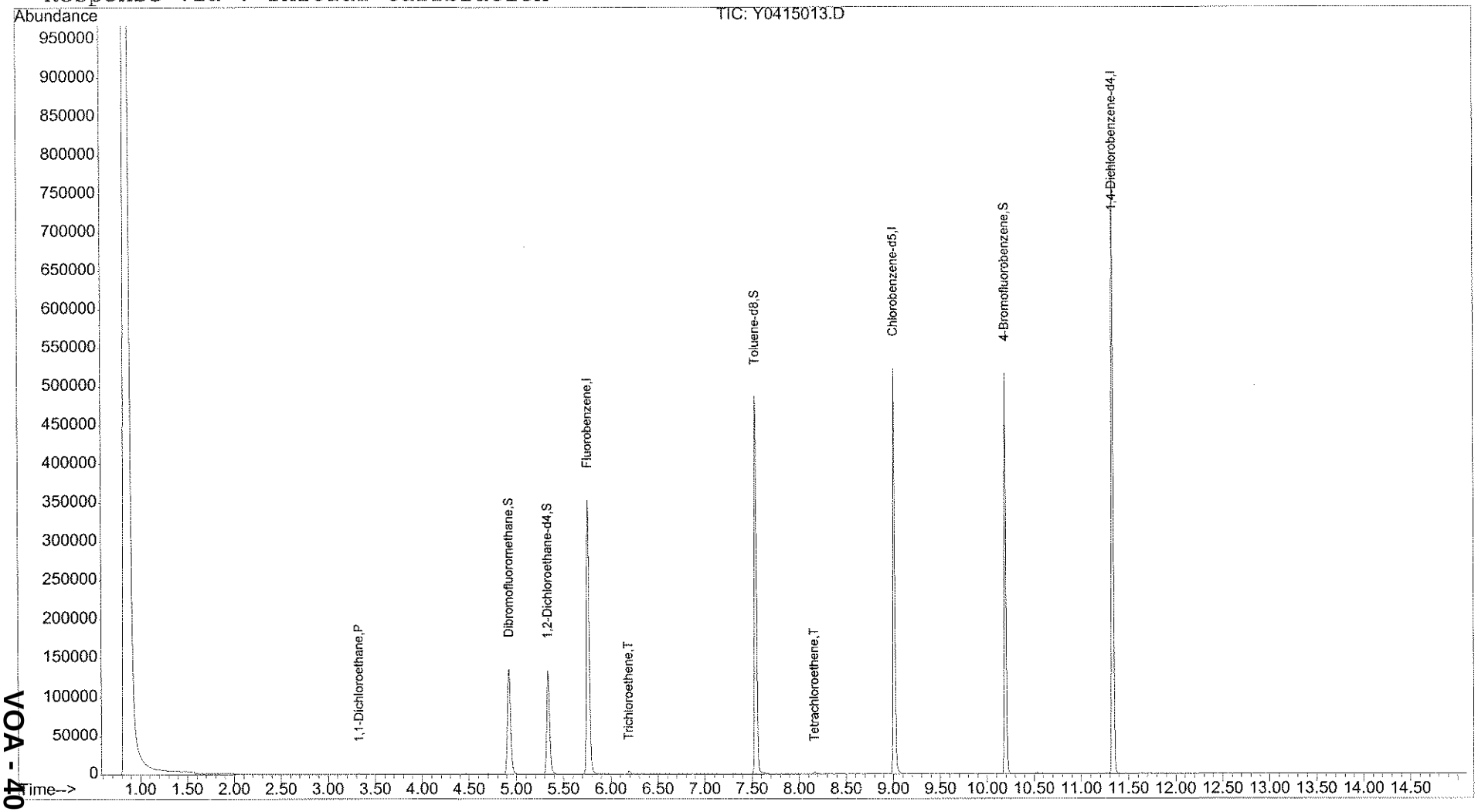
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415013.D Vial: 26
Acq On : 15 Apr 2007 16:14 Operator: LH
Sample : JPL31-002 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:39 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 40

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415013.D Vial: 26
Acq On : 15 Apr 2007 16:14 Operator: LH
Sample : JPL31-002 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:39 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	330820	50.00	ug/l	0.00 97.38%
50) Chlorobenzene-d5	9.01	82	132406	50.00	ug/l	0.00 82.15%
70) 1,4-Dichlorobenzene-d4	11.34	152	180515	50.00	ug/l	0.00 80.10%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	100616	50.27	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.54%			
37) 1,2-Dichloroethane-d4	5.34	65	105058	49.48	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.96%			
51) Toluene-d8	7.54	98	290283	55.24	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 110.48%			
72) 4-Bromofluorobenzene	10.20	95	136328	52.27	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.21	76	86	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	3.32	63	1392	0.30	ug/l	87
23) Vinyl acetate	0.00	43	0	N.D.		

LW 4/16/07

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

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415013.D Vial: 26
Acq On : 15 Apr 2007 16:14 Operator: LH
Sample : JPL31-002 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:39 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	Chloroprene	0.00	53	0	N.D.			
25)	2,2-Dichloropropane	0.00	77	0	N.D.			
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.			
27)	2-Butanone	0.00	43	0	N.D.			
28)	Propionitrile	0.00	54	0	N.D.			
29)	Bromochloromethane	0.00	128	0	N.D.			
30)	Methacrylonitrile	0.00	41	0	N.D.			
31)	Chloroform	4.70	83	548	N.D.			
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.			
34)	Cyclohexane	0.00	56	0	N.D.			
35)	Carbon Tetrachloride	0.00	117	0	N.D.			
36)	1,1-Dichloropropene	0.00	75	0	N.D.			
38)	Benzene	5.38	78	53	N.D.			
39)	1,2-Dichloroethane	0.00	62	0	N.D.			
40)	Isobutanol	0.00	43	0	N.D.			
41)	Trichloroethene	6.20	130	1635	0.70	ug/l		97
42)	Methylcyclohexane	0.00	83	0	N.D.			
43)	1,2-Dichloropropane	0.00	63	0	N.D.			
44)	Dibromomethane	0.00	93	0	N.D.			
45)	Methyl methacrylate	0.00	41	0	N.D.			
46)	Bromodichloromethane	0.00	83	0	N.D.			
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.			
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.			
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d	
52)	Toluene	7.61	92	58	N.D.			
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.			
54)	Ethyl methacrylate	0.00	69	0	N.D.			
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.			
56)	Tetrachloroethene	8.16	166	834	0.46	ug/l	#	86
57)	1,3-Dichloropropane	0.00	76	0	N.D.			
58)	2-Hexanone	0.00	43	0	N.D.			
59)	Dibromochloromethane	0.00	129	0	N.D.			
60)	1,2-Dibromoethane	0.00	107	0	N.D.			
61)	Chlorobenzene	0.00	112	0	N.D.			
62)	1-Chlorohexane	9.01	91	407	N.D.			
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.			
64)	Ethylbenzene	9.16	91	350	N.D.			
65)	m,p-Xylene	9.29	106	129	N.D.			
66)	o-xylene	0.00	106	0	N.D.			
67)	Styrene	0.00	104	0	N.D.			
68)	Bromoform	0.00	173	0	N.D.			

HW 4/16/07

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

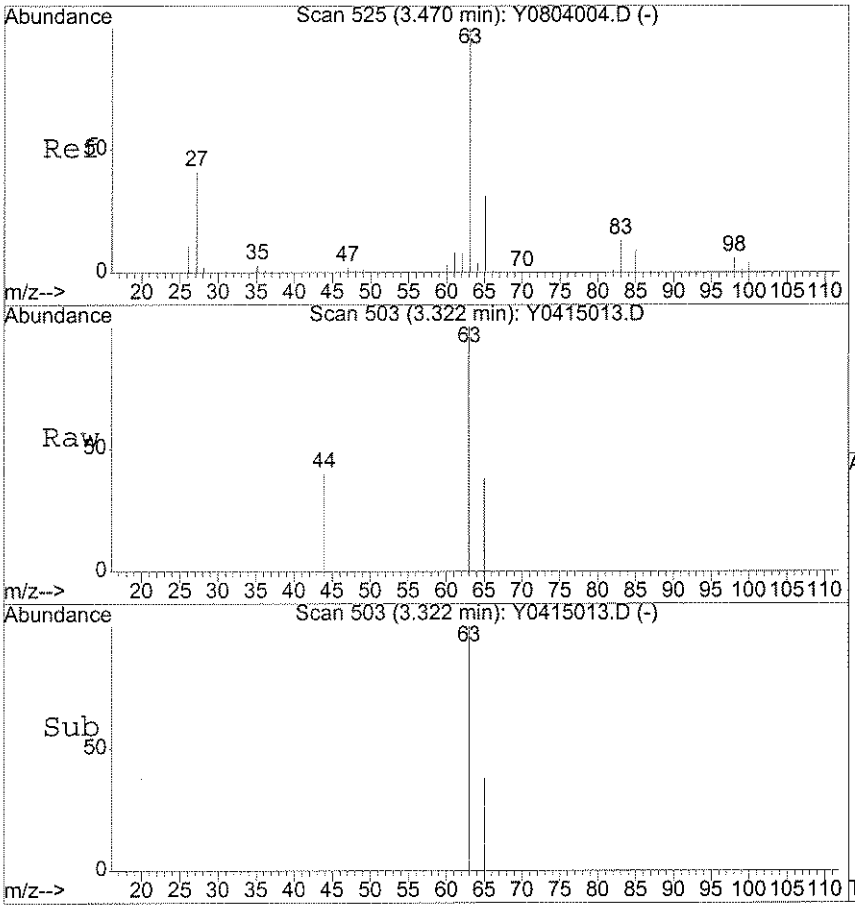
Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415013.D Vial: 26
Acq On : 15 Apr 2007 16:14 Operator: LH
Sample : JPL31-002 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:39 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	0.00	105	0	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	10.65	120	55	N.D.		
77)	2-Chlorotoluene	10.54	91	55	N.D.		
78)	4-Chlorotoluene	10.64	91	115	N.D.		
79)	1,3,5-Trimethylbenzene	10.65	105	63	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.02	105	57	N.D.		
82)	sec-butylbenzene	11.18	105	323	N.D.		
83)	1,3-Dichlorobenzene	11.27	146	167	N.D.		
84)	4-Isopropyltoluene	11.34	119	448	N.D.		
85)	1,4-Dichlorobenzene	11.35	146	434	N.D.		
86)	1,2-Dichlorobenzene	11.72	146	277	N.D.		
87)	n-Butylbenzene	11.74	91	484	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	13.31	180	210	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	13.55	128	58	N.D.		
92)	1,2,3-Trichlorobenzene	13.78	180	358	N.D.		

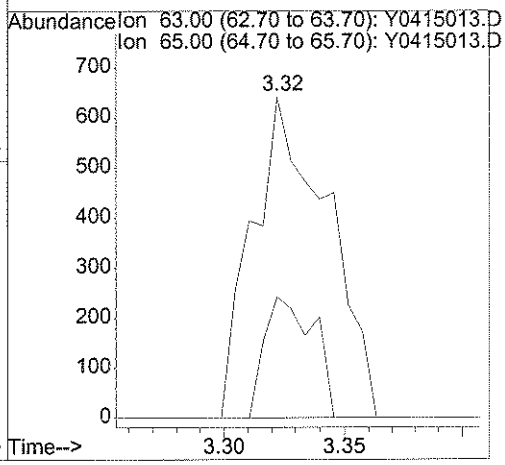
(#) = qualifier out of range (m) = manual integration

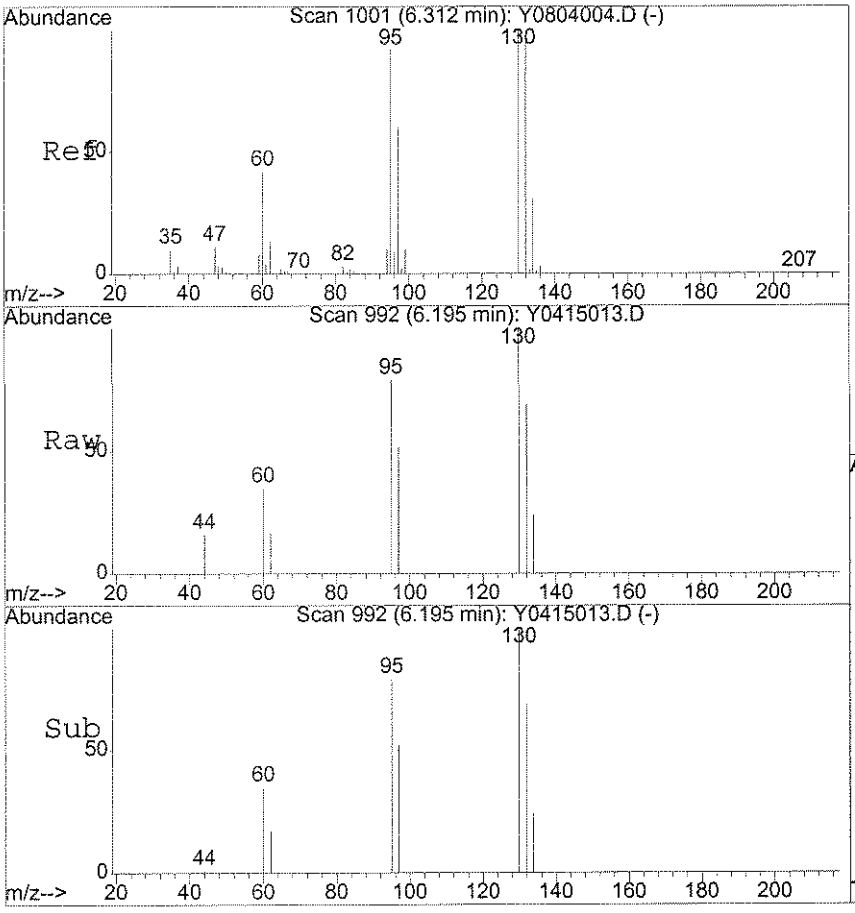


#22
1,1-Dichloroethane
Concen: 0.30 ug/l
RT: 3.32 min Scan# 503
Delta R.T. -0.00 min
Lab File: Y0415013.D
Acq: 15 Apr 2007 16:14

Tgt Ion: 63 Resp: 1392

Ion	Ratio	Lower	Upper
63	100		
65	24.9	12.3	52.3

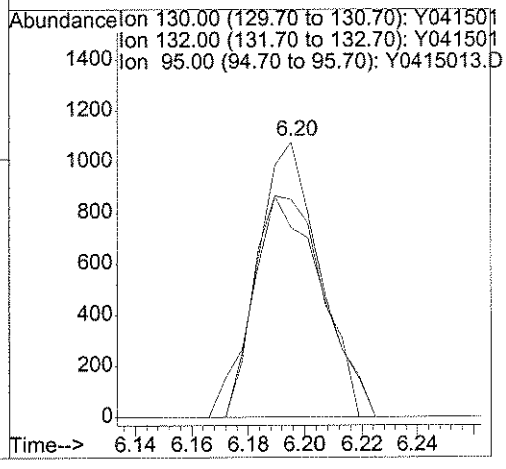


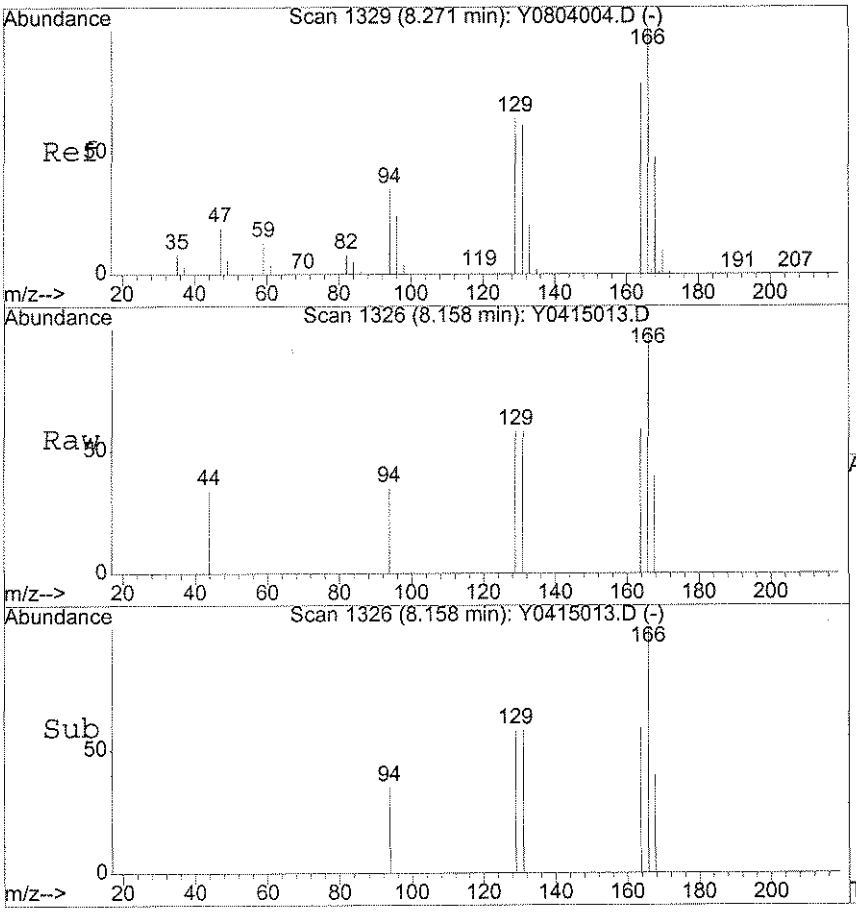


#41
Trichloroethene
Concen: 0.70 ug/l
RT: 6.20 min Scan# 992
Delta R.T. 0.01 min
Lab File: Y0415013.D
Acq: 15 Apr 2007 16:14

Tgt Ion:130 Resp: 1635

Ion	Ratio	Lower	Upper
130	100		
132	90.8	75.0	115.0
95	88.7	69.4	109.4

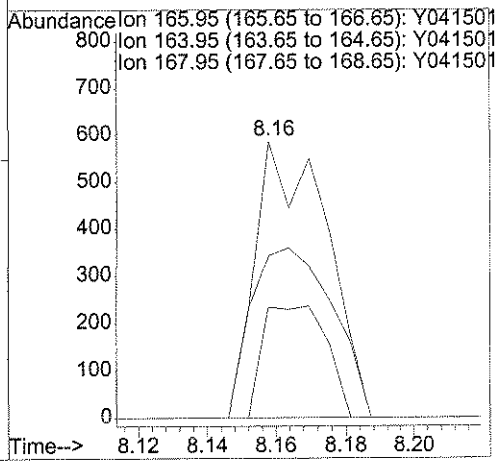




#56
Tetrachloroethene
Concen: 0.46 ug/l
RT: 8.16 min Scan# 1326
Delta R.T. -0.01 min
Lab File: Y0415013.D
Acq: 15 Apr 2007 16:14

Tgt Ion:166 Resp: 834

Ion	Ratio	Lower	Upper
166	100		
164	70.1	63.3	94.9
168	36.1	39.6	59.4#



Y0415013.D 8260B.M Acq :15 Apr 2007 16:14
Sample = JPL31-002 Misc = 5mL+IS/SS #3

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415014.D

Level: (LOW/MED) _____ Date Collected: 04/03/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/15/2007 16:38

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415014.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 16:38

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415014.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 16:38

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

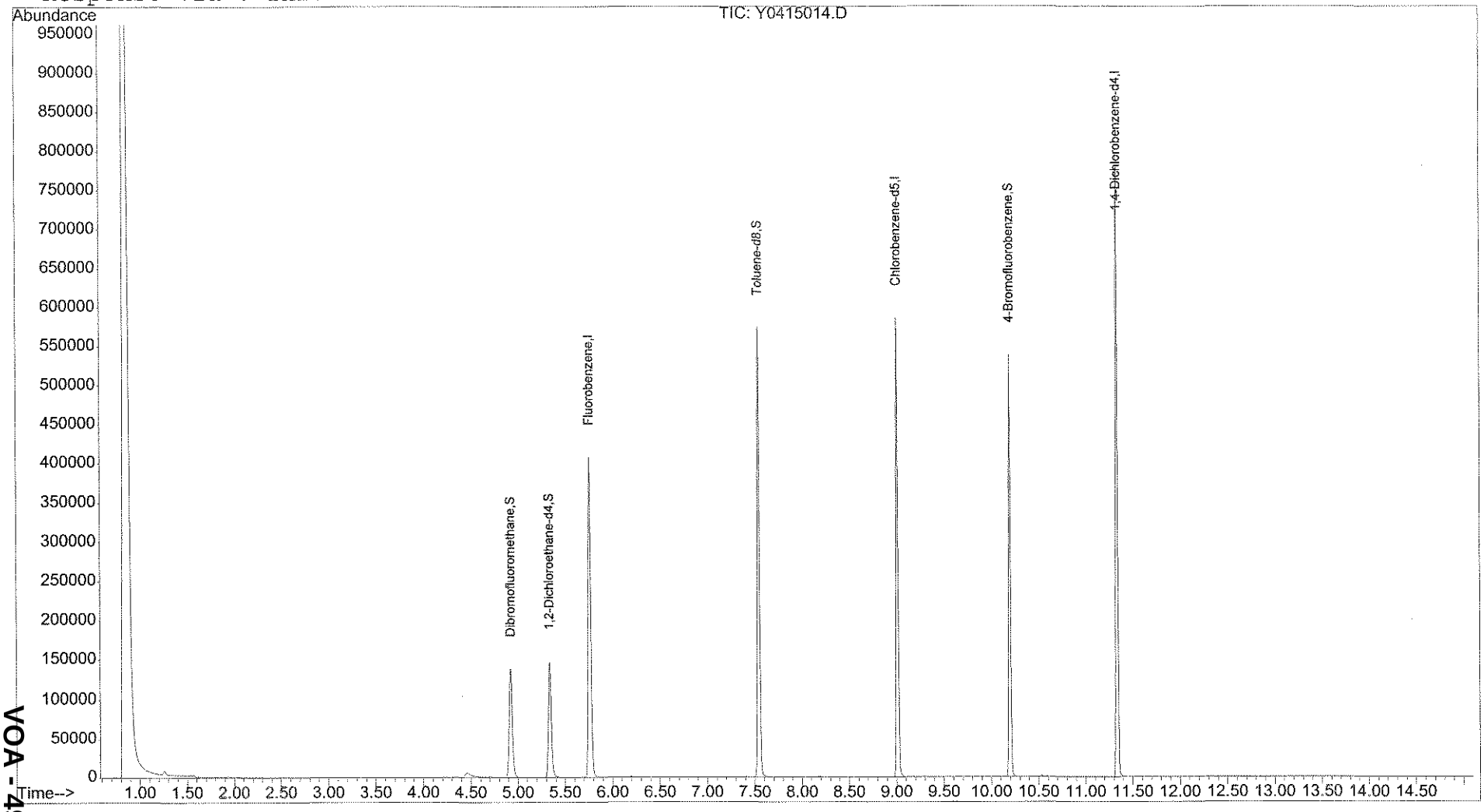
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415014.D Vial: 27
Acq On : 15 Apr 2007 16:38 Operator: LH
Sample : JPL31-003 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:39 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415014.D Vial: 27
Acq On : 15 Apr 2007 16:38 Operator: LH
Sample : JPL31-003 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:39 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	368612	50.00	ug/l	0.00 108.50%
50) Chlorobenzene-d5	9.01	82	148596	50.00	ug/l	0.00 92.19%
70) 1,4-Dichlorobenzene-d4	11.34	152	180808	50.00	ug/l	0.00 80.23%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	101624	45.57	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 91.14%			
37) 1,2-Dichloroethane-d4	5.34	65	113102	47.80	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.60%			
51) Toluene-d8	7.54	98	341504	57.91	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 115.82%			
72) 4-Bromofluorobenzene	10.20	95	140099	53.63	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	283	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415014.D
Acq On : 15 Apr 2007 16:38
Sample : JPL31-003
Misc : 5mL+IS/SS #2
MS Integration Params: rteint.p
Quant Time: Apr 16 13:39 2007

Vial: 27
Operator: LH
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	4.71	83	834	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	5.13	75	54	N.D.		
38)	Benzene	0.00	78	0	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	6.20	130	518	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	7.61	92	340	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	8.17	166	60	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	508	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.17	91	167	N.D.		
65)	m,p-Xylene	9.29	106	179	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415014.D
Acq On : 15 Apr 2007 16:38
Sample : JPL31-003
Misc : 5mL+IS/SS #2
MS Integration Params: rteint.p
Quant Time: Apr 16 13:39 2007

Vial: 27
Operator: LH
Inst : yoda
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	10.20	105	73	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	10.47	91	289	N.D.		
78)	4-Chlorotoluene	10.64	91	53	N.D.		
79)	1,3,5-Trimethylbenzene	10.65	105	56	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.18	105	218	N.D.		
82)	sec-butylbenzene	11.18	105	218	N.D.		
83)	1,3-Dichlorobenzene	11.36	146	119	N.D.		
84)	4-Isopropyltoluene	11.34	119	491	N.D.		
85)	1,4-Dichlorobenzene	11.36	146	119	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	11.74	91	416	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.	d	
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-6-4/3/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415015.D

Level: (LOW/MED) _____ Date Collected: 04/03/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/15/2007 17:02

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-6-4/3/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415015.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 17:02

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-6-4/3/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415015.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 17:02

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

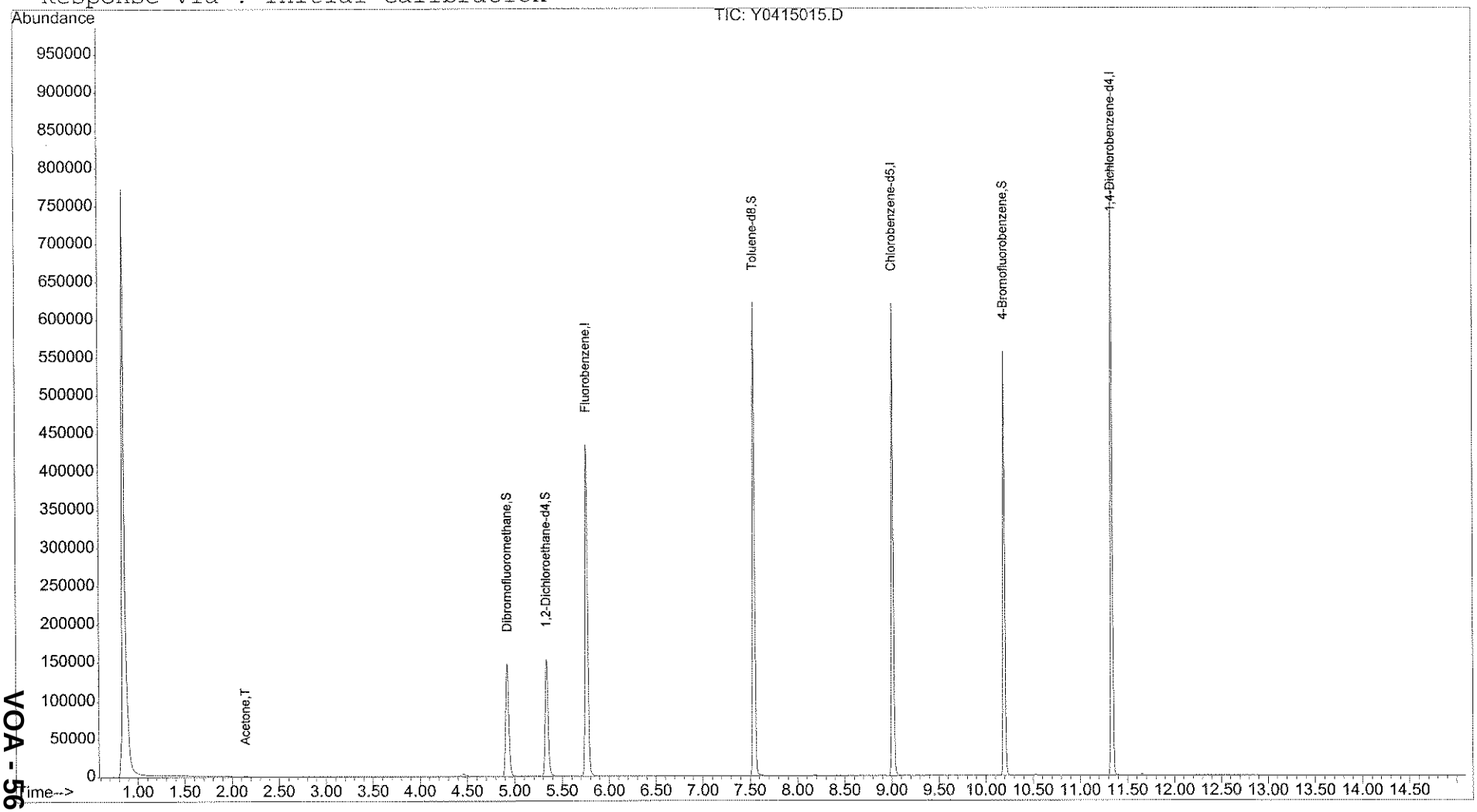
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415015.D Vial: 28
Acq On : 15 Apr 2007 17:02 Operator: LH
Sample : JPL31-004 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:41 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 56

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415015.D Vial: 28
Acq On : 15 Apr 2007 17:02 Operator: LH
Sample : JPL31-004 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:41 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	394934	50.00	ug/l	0.00 116.25%
50) Chlorobenzene-d5	9.01	82	156535	50.00	ug/l	0.00 97.12%
70) 1,4-Dichlorobenzene-d4	11.34	152	186692	50.00	ug/l	0.00 82.84%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	107355	44.93	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 89.86%			
37) 1,2-Dichloroethane-d4	5.34	65	121132	47.79	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.58%			
51) Toluene-d8	7.54	98	366653	59.02	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 118.04%			
72) 4-Bromofluorobenzene	10.20	95	145281	53.86	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.14	43	1972	2.19	ug/l #	48
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	136	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	2.42	40	54	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

LH 4/16/07

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

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415015.D Vial: 28
Acq On : 15 Apr 2007 17:02 Operator: LH
Sample : JPL31-004 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:41 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	0.00	78	0	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	7.61	92	227	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	501	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.29	91	236	N.D.		
65)	m,p-Xylene	0.00	106	0	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

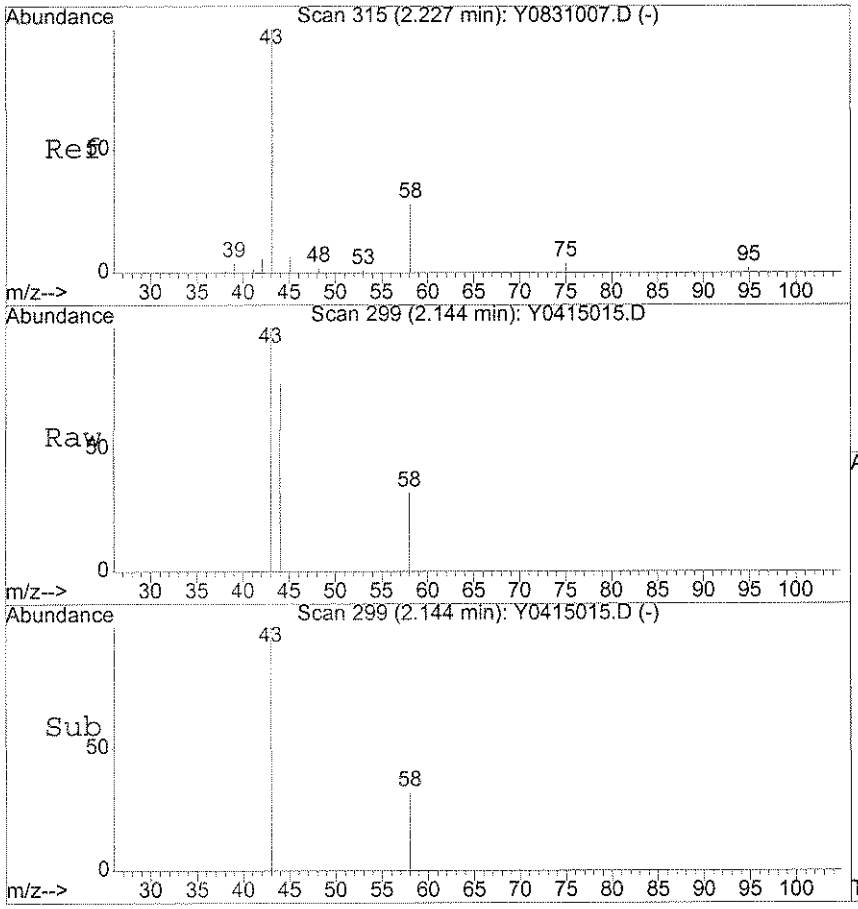
Data File : X:\MSVOA\YODA\041507\Y0415015.D
Acq On : 15 Apr 2007 17:02
Sample : JPL31-004
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Apr 16 13:41 2007

Vial: 28
Operator: LH
Inst : yoda
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	0.00	105	0	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	10.46	91	240	N.D.	
78)	4-Chlorotoluene	10.46	91	240	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	146	N.D.	
82)	sec-butylbenzene	11.17	105	54	N.D.	
83)	1,3-Dichlorobenzene	11.36	146	61	N.D.	
84)	4-Isopropyltoluene	11.34	119	270	N.D.	
85)	1,4-Dichlorobenzene	11.36	146	61	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	11.74	91	345	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	d
91)	Naphthalene	13.54	128	53	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

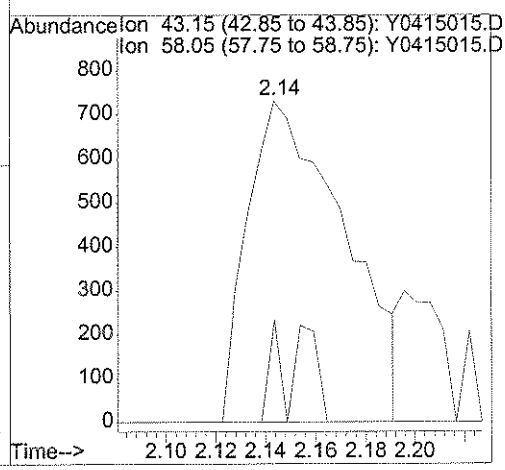
(#) = qualifier out of range (m) = manual integration



#11
Acetone
Concen: 2.19 ug/l
RT: 2.14 min Scan# 299
Delta R.T. -0.01 min
Lab File: Y0415015.D
Acq: 15 Apr 2007 17:02

Tgt Ion: 43 Resp: 1972

Ion	Ratio	Lower	Upper
43	100		
58	3.7	26.8	40.2#



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-6-4/3/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415010.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 15:00

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-6-4/3/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415010.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 15:00

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-6-4/3/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415010.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 15:00

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

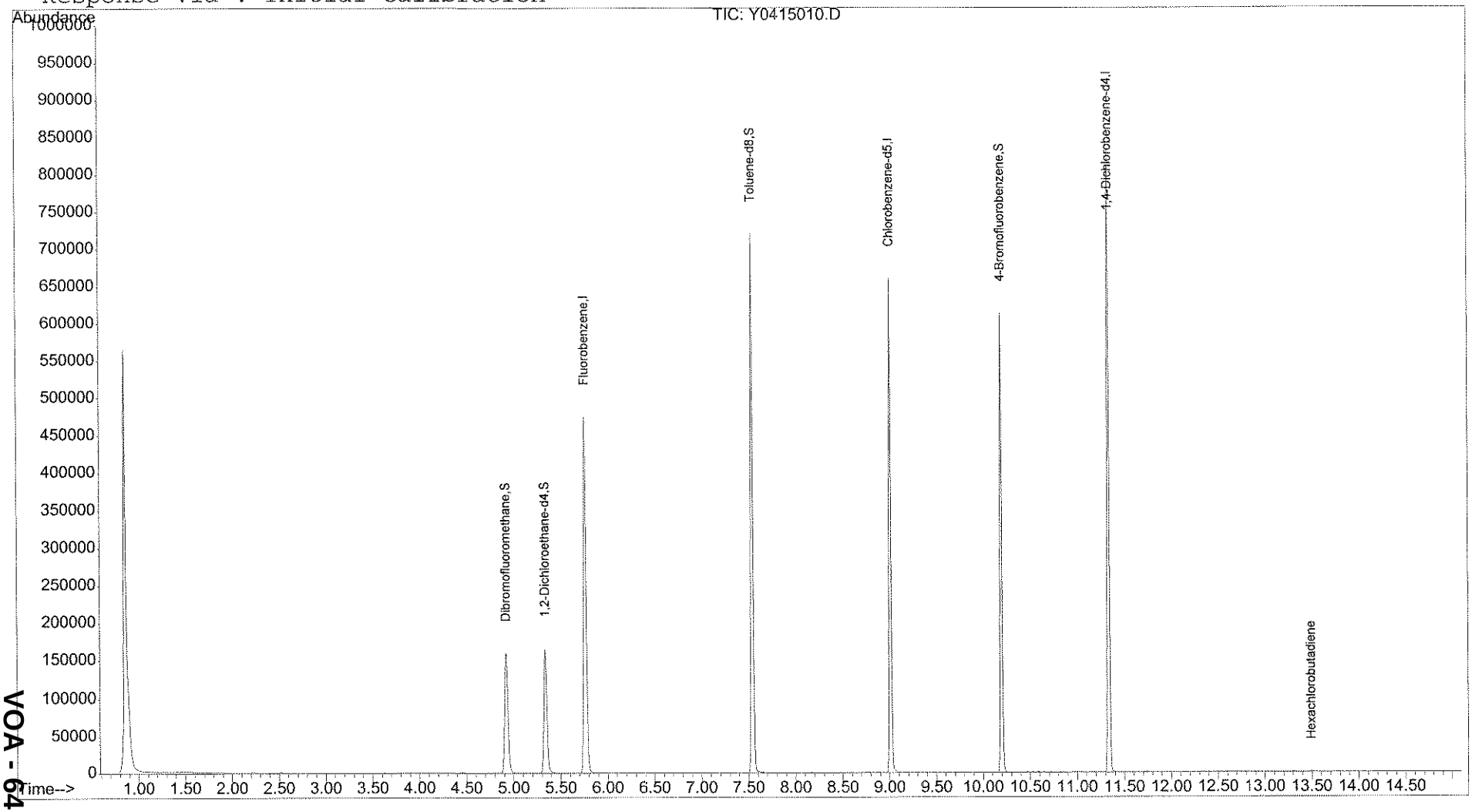
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	1.5	B
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415010.D Vial: 23
Acq On : 15 Apr 2007 15:00 Operator: LH
Sample : JPL31-005 TB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:35 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 64

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415010.D Vial: 23
Acq On : 15 Apr 2007 15:00 Operator: LH
Sample : JPL31-005 TB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:35 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	442094	50.00	ug/l	0.00 130.13%
50) Chlorobenzene-d5	9.01	82	170253	50.00	ug/l	0.00 105.63%
70) 1,4-Dichlorobenzene-d4	11.34	152	193911	50.00	ug/l	0.00 86.05%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	123068	46.01	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 92.02%			
37) 1,2-Dichloroethane-d4	5.34	65	131311	46.27	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.54%			
51) Toluene-d8	7.54	98	419840	62.14	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 124.28%#			
72) 4-Bromofluorobenzene	10.20	95	163368	58.31	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.15	43	457	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	4207	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.52	84	477	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415010.D Vial: 23
Acq On : 15 Apr 2007 15:00 Operator: LH
Sample : JPL31-005 TB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:35 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	5.38	78	83	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	6.38	83	213	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	7.61	92	121	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	8.16	166	198	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	9.03	112	89	N.D.		
62)	1-Chlorohexane	9.06	91	61	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.17	91	357	N.D.		
65)	m,p-Xylene	9.29	106	223	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	9.70	104	64	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

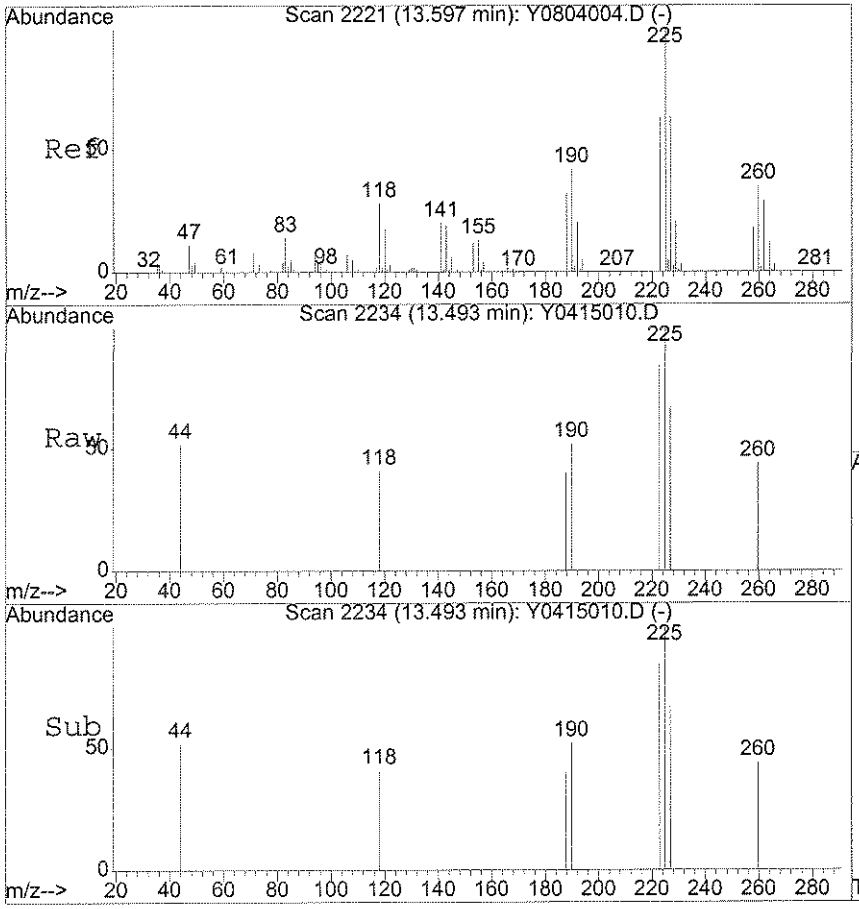
Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415010.D Vial: 23
Acq On : 15 Apr 2007 15:00 Operator: LH
Sample : JPL31-005 TB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:35 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	10.06	105	413	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	10.64	120	71	N.D.	
77)	2-Chlorotoluene	10.53	91	250	N.D.	
78)	4-Chlorotoluene	10.53	91	250	N.D.	
79)	1,3,5-Trimethylbenzene	10.65	105	318	N.D.	
80)	tert-Butylbenzene	10.96	119	325	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	402	N.D.	
82)	sec-butylbenzene	11.18	105	691	N.D.	
83)	1,3-Dichlorobenzene	11.27	146	304	N.D.	
84)	4-Isopropyltoluene	11.34	119	1064	N.D.	
85)	1,4-Dichlorobenzene	11.36	146	404	N.D.	
86)	1,2-Dichlorobenzene	11.72	146	72	N.D.	
87)	n-Butylbenzene	11.74	91	1114	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	13.31	180	464	N.D.	
90)	Hexachlorobutadiene	13.49	225	404	1.48 ug/l #	78
91)	Naphthalene	13.55	128	470	N.D.	
92)	1,2,3-Trichlorobenzene	13.79	180	440	N.D.	

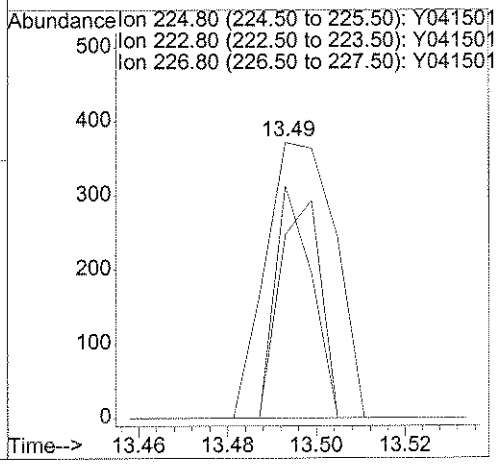
(#) = qualifier out of range (m) = manual integration



#90
Hexachlorobutadiene
Concen: 1.48 ug/l
RT: 13.49 min Scan# 2234
Delta R.T. -0.01 min
Lab File: Y0415010.D
Acq: 15 Apr 2007 15:00

Tgt Ion:225 Resp: 404

Ion	Ratio	Lower	Upper
225	100		
223	44.6	50.2	75.2#
227	47.3	50.2	75.4#



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415016.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 17:27

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415016.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 17:27

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415016.D

Level: (LOW/MED) _____ Date Collected: 04/03/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/15/2007 17:27

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

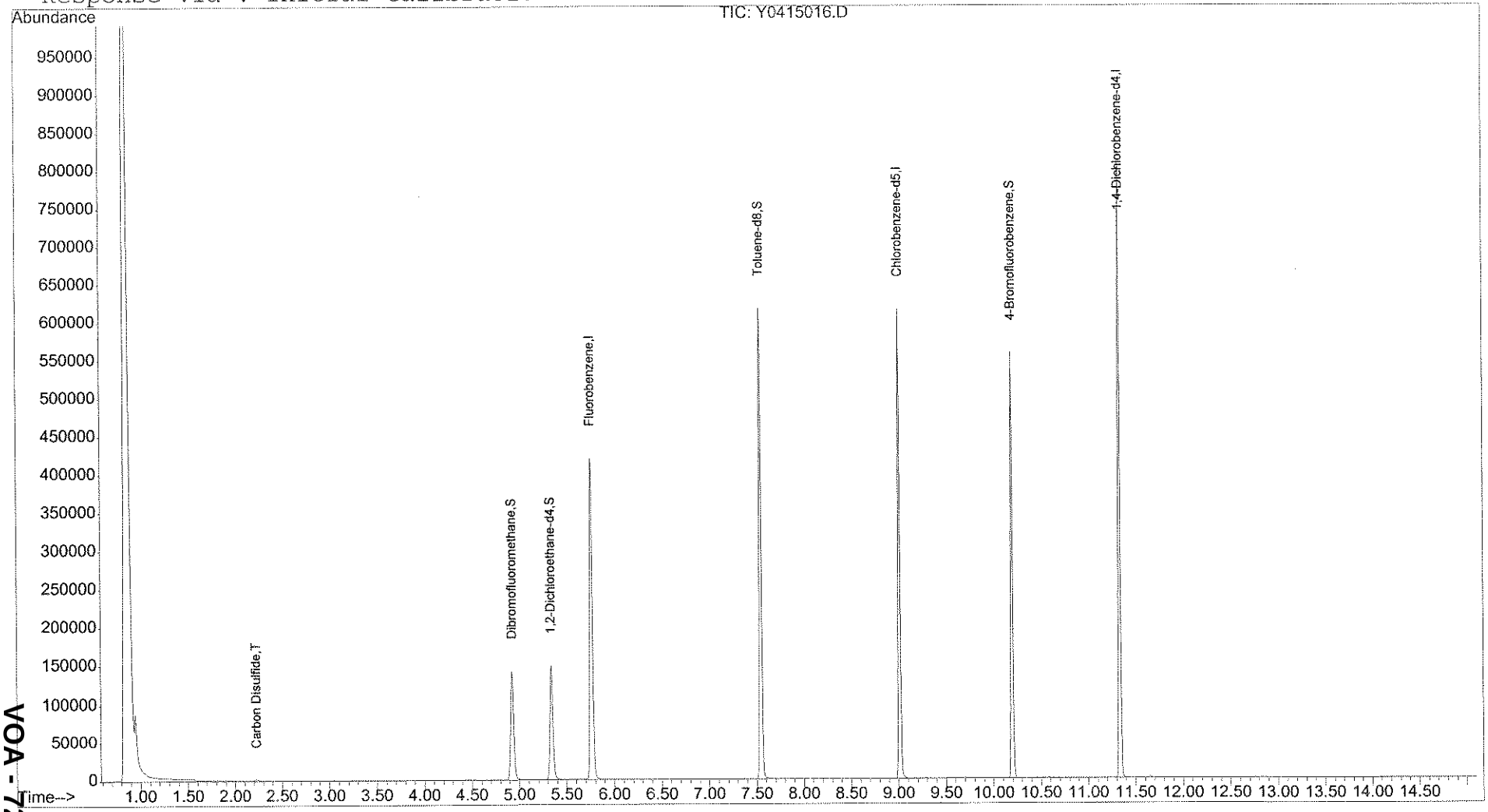
Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415016.D
Acq On : 15 Apr 2007 17:27
Sample : JPL31-006
Misc : 5mL+IS/SS #3
MS Integration Params: rteint.p
Quant Time: Apr 16 13:41 2007

Vial: 29
Operator: LH
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 72

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415016.D Vial: 29
Acq On : 15 Apr 2007 17:27 Operator: LH
Sample : JPL31-006 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:41 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	384540	50.00	ug/l	0.00 113.19%
50) Chlorobenzene-d5	9.01	82	154052	50.00	ug/l	0.00 95.58%
70) 1,4-Dichlorobenzene-d4	11.34	152	181260	50.00	ug/l	0.00 80.43%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	103049	44.29	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 88.58%			
37) 1,2-Dichloroethane-d4	5.34	65	117753	47.71	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.42%			
51) Toluene-d8	7.54	98	360887	59.03	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 118.06%			
72) 4-Bromofluorobenzene	10.20	95	144911	55.34	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	4317	0.55	ug/l	100
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

NJ 4/16/07

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

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415016.D Vial: 29
Acq On : 15 Apr 2007 17:27 Operator: LH
Sample : JPL31-006 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:41 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	0.00	78	0	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
52)	Toluene	7.61	92	274	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	489	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.17	91	514	N.D.		
65)	m,p-Xylene	9.29	106	276	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	9.70	104	905	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

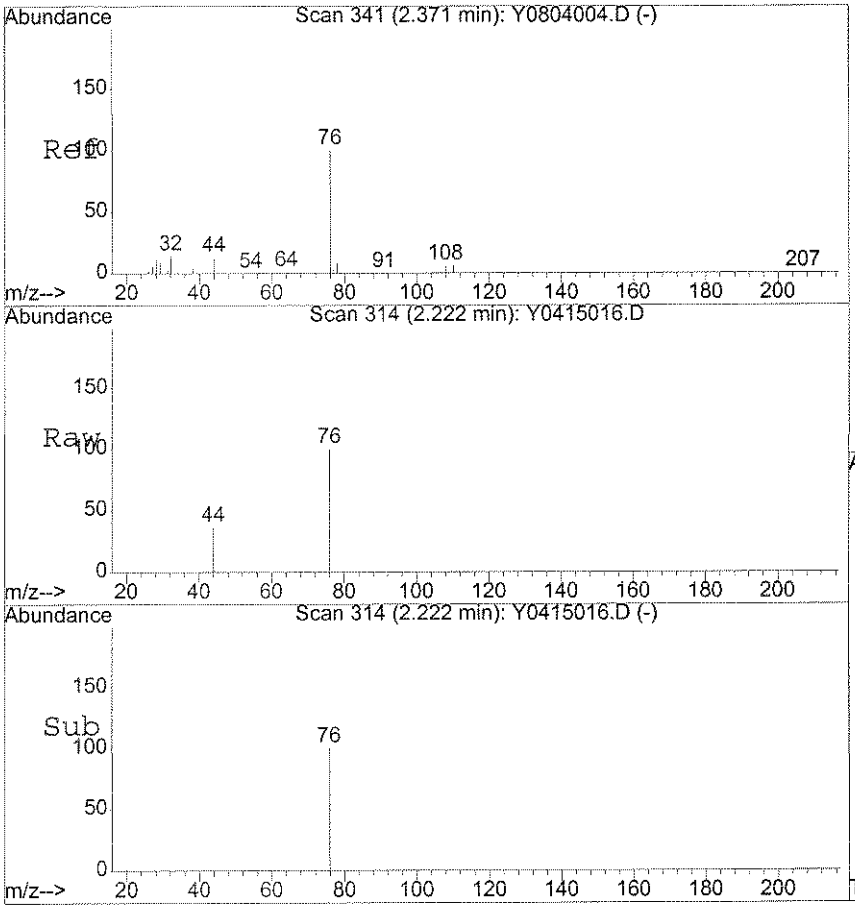
Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415016.D Vial: 29
Acq On : 15 Apr 2007 17:27 Operator: LH
Sample : JPL31-006 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:41 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

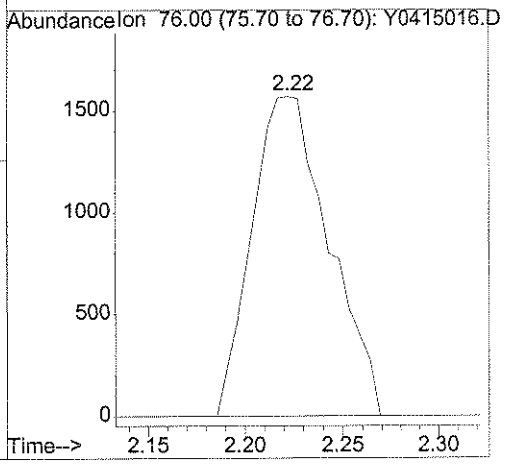
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	10.19	105	60	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	10.53	91	61	N.D.		
78)	4-Chlorotoluene	10.53	91	61	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.01	105	116	N.D.		
82)	sec-butylbenzene	11.18	105	114	N.D.		
83)	1,3-Dichlorobenzene	11.27	146	55	N.D.		
84)	4-Isopropyltoluene	11.34	119	385	N.D.		
85)	1,4-Dichlorobenzene	11.27	146	55	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	11.74	91	377	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

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



#14
Carbon Disulfide
Concen: 0.55 ug/l
RT: 2.22 min Scan# 314
Delta R.T. 0.01 min
Lab File: Y0415016.D
Acq: 15 Apr 2007 17:27

Tgt Ion: 76 Resp: 4317



Y0415016.D 8260B.M Acq :15 Apr 2007 17:27
Sample = JPL31-006 Misc = 5mL+IS/SS #3

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415017.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 17:51

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415017.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 17:51

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415017.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 17:51

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

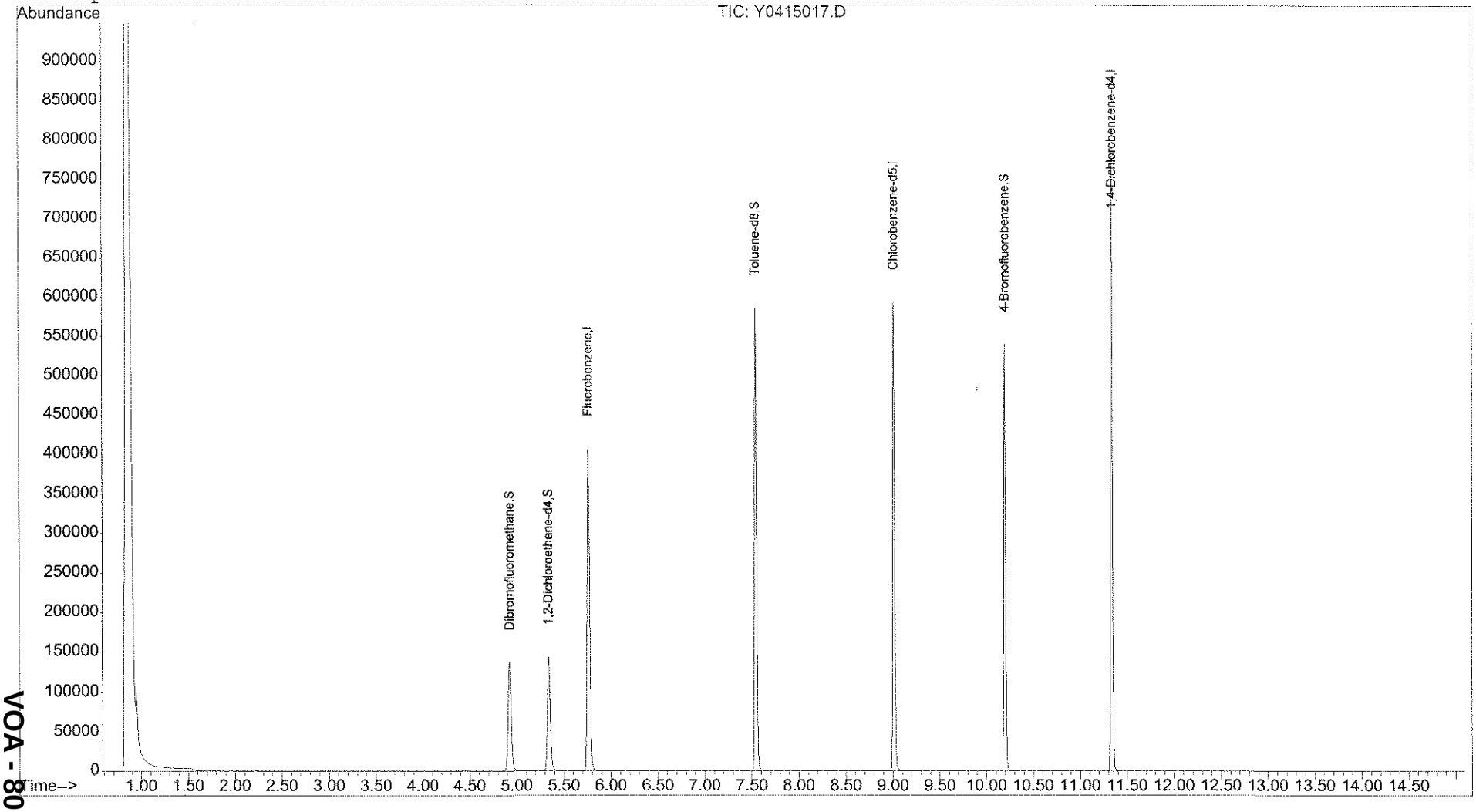
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415017.D Vial: 30
Acq On : 15 Apr 2007 17:51 Operator: LH
Sample : JPL31-007 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:42 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 80

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415017.D Vial: 30
Acq On : 15 Apr 2007 17:51 Operator: LH
Sample : JPL31-007 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:42 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) / Rcv(Ar)
1) Fluorobenzene	5.76	96	367209	50.00	ug/l	0.00 / 108.09%
50) Chlorobenzene-d5	9.01	82	148353	50.00	ug/l	0.00 / 92.04%
70) 1,4-Dichlorobenzene-d4	11.34	152	175584	50.00	ug/l	0.00 / 77.92%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	100448	45.21	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 90.42%			
37) 1,2-Dichloroethane-d4	5.34	65	112151	47.58	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.16%			
51) Toluene-d8	7.55	98	348616	59.21	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 118.42%			
72) 4-Bromofluorobenzene	10.20	95	138016	54.41	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	1825	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415017.D Vial: 30
Acq On : 15 Apr 2007 17:51 Operator: LH
Sample : JPL31-007 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:42 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	4.71	83	425	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	0.00	78	0	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	7.61	92	54	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	486	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.17	91	142	N.D.		
65)	m,p-Xylene	0.00	106	0	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415017.D Vial: 30
Acq On : 15 Apr 2007 17:51 Operator: LH
Sample : JPL31-007 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:42 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	0.00	105	0	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	10.47	91	150	N.D.	
78)	4-Chlorotoluene	10.47	91	150	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.19	105	170	N.D.	
82)	sec-butylbenzene	11.19	105	170	N.D.	
83)	1,3-Dichlorobenzene	11.36	146	59	N.D.	
84)	4-Isopropyltoluene	11.33	119	325	N.D.	
85)	1,4-Dichlorobenzene	11.36	146	59	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	11.75	91	256	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415018.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 18:15

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415018.D

Level: (LOW/MED) _____ Date Collected: 04/03/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/15/2007 18:15

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415018.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 18:15

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

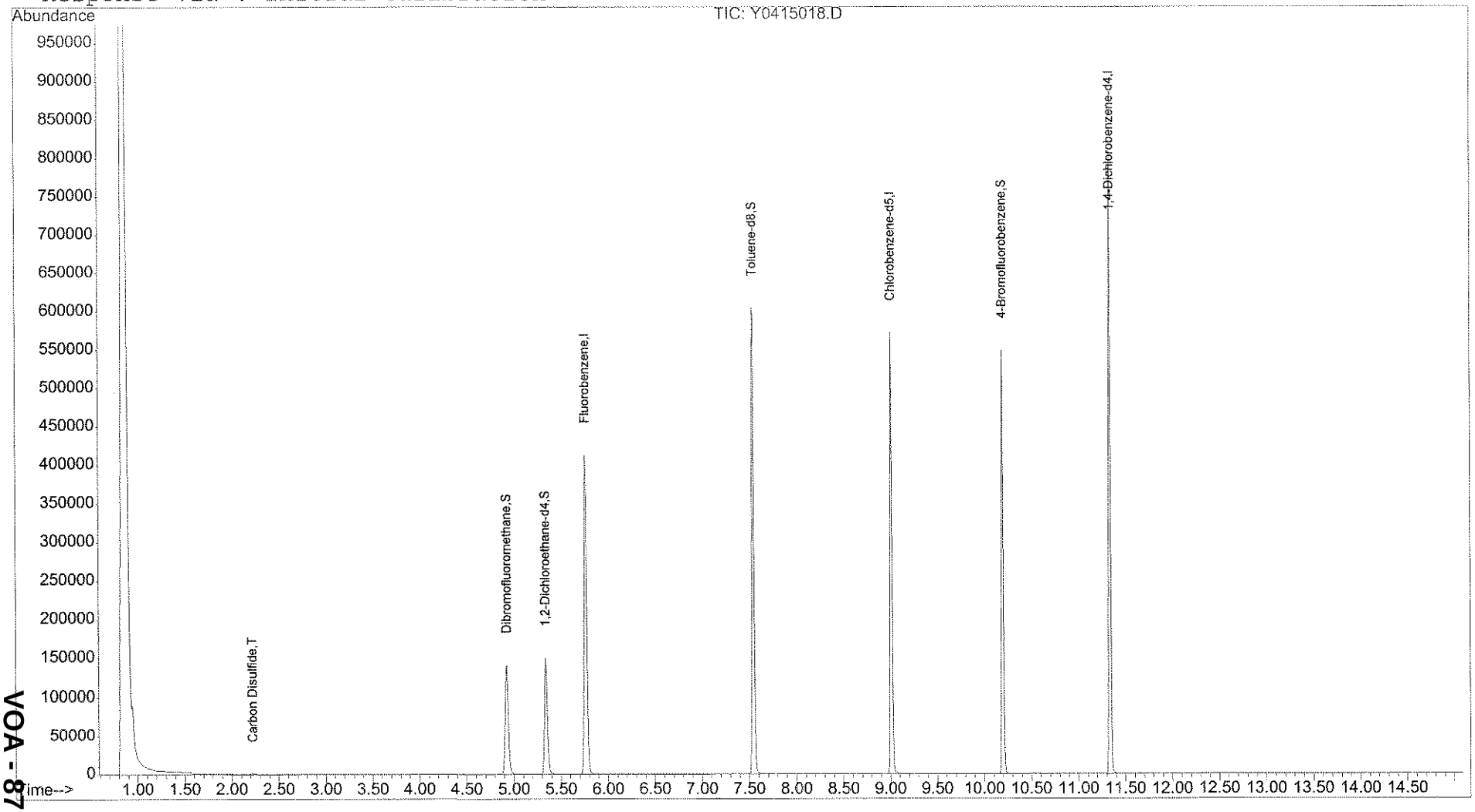
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415018.D Vial: 31
Acq On : 15 Apr 2007 18:15 Operator: LH
Sample : JPL31-008 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:45 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 87

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415018.D Vial: 31
Acq On : 15 Apr 2007 18:15 Operator: LH
Sample : JPL31-008 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:45 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	374097	50.00	ug/l	0.00 110.11%
50) Chlorobenzene-d5	9.01	82	149144	50.00	ug/l	0.00 92.53%
70) 1,4-Dichlorobenzene-d4	11.34	152	179631	50.00	ug/l	0.00 79.71%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	101810	44.98	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 89.96%			
37) 1,2-Dichloroethane-d4	5.34	65	113979	47.47	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.94%			
51) Toluene-d8	7.54	98	351676	59.42	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 118.84%			
72) 4-Bromofluorobenzene	10.20	95	140470	54.13	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	2799	0.37	ug/l	100
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

LH 4/16/07

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

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415018.D Vial: 31
Acq On : 15 Apr 2007 18:15 Operator: LH
Sample : JPL31-008 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:45 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	5.40	78	53	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	7.61	92	78	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	422	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.17	91	146	N.D.		
65)	m,p-Xylene	9.29	106	75	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

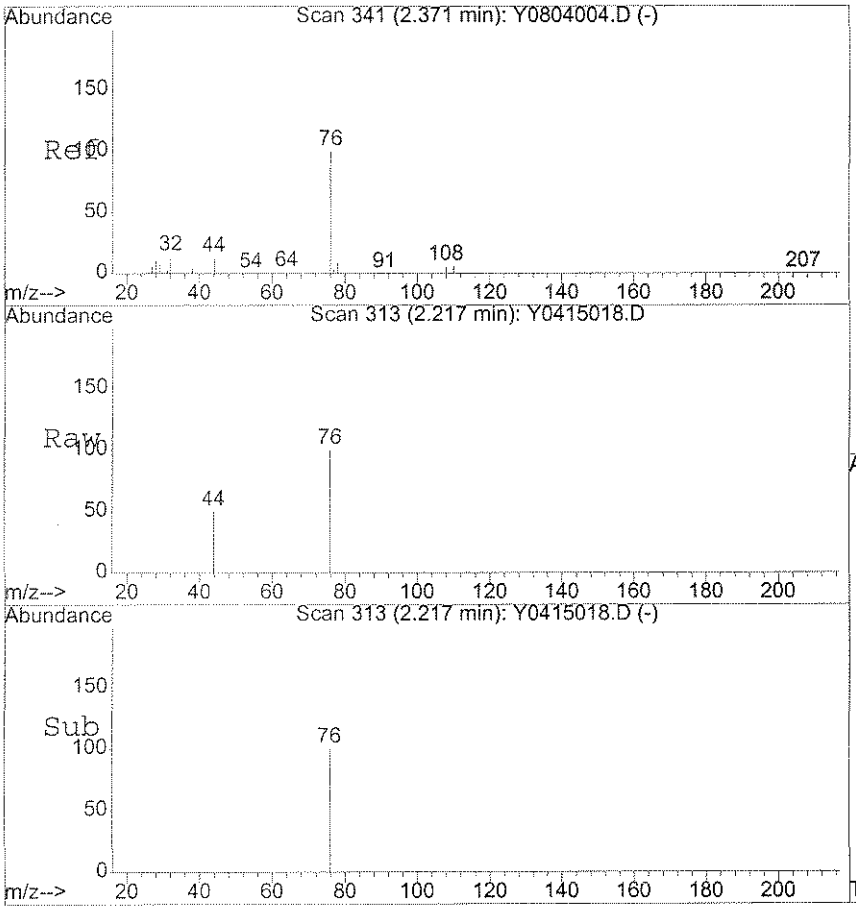
Data File : X:\MSVOA\YODA\041507\Y0415018.D
Acq On : 15 Apr 2007 18:15
Sample : JPL31-008
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Apr 16 13:45 2007

Vial: 31
Operator: LH
Inst : yoda
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

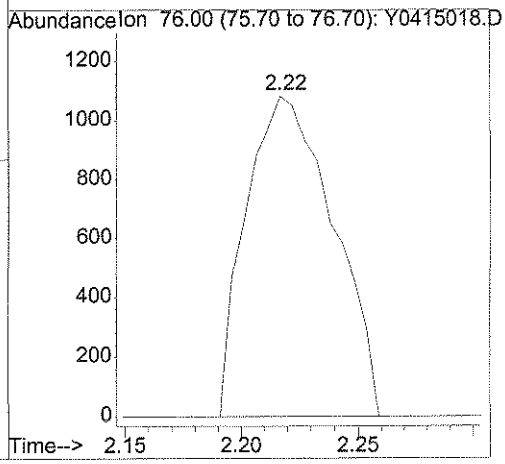
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	10.19	105	54	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	10.47	91	122	N.D.		
78)	4-Chlorotoluene	10.47	91	122	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.02	105	55	N.D.		
82)	sec-butylbenzene	11.18	105	56	N.D.		
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
84)	4-Isopropyltoluene	11.33	119	257	N.D.		
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	11.74	91	236	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

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



#14
Carbon Disulfide
Concen: 0.37 ug/l
RT: 2.22 min Scan# 313
Delta R.T. 0.01 min
Lab File: Y0415018.D
Acq: 15 Apr 2007 18:15

Tgt Ion: 76 Resp: 2799



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415019.D

Level: (LOW/MED) _____ Date Collected: 04/03/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/15/2007 18:40

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415019.D

Level: (LOW/MED) _____ Date Collected: 04/03/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/15/2007 18:40

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415019.D

Level: (LOW/MED) Date Collected: 04/03/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 18:40

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

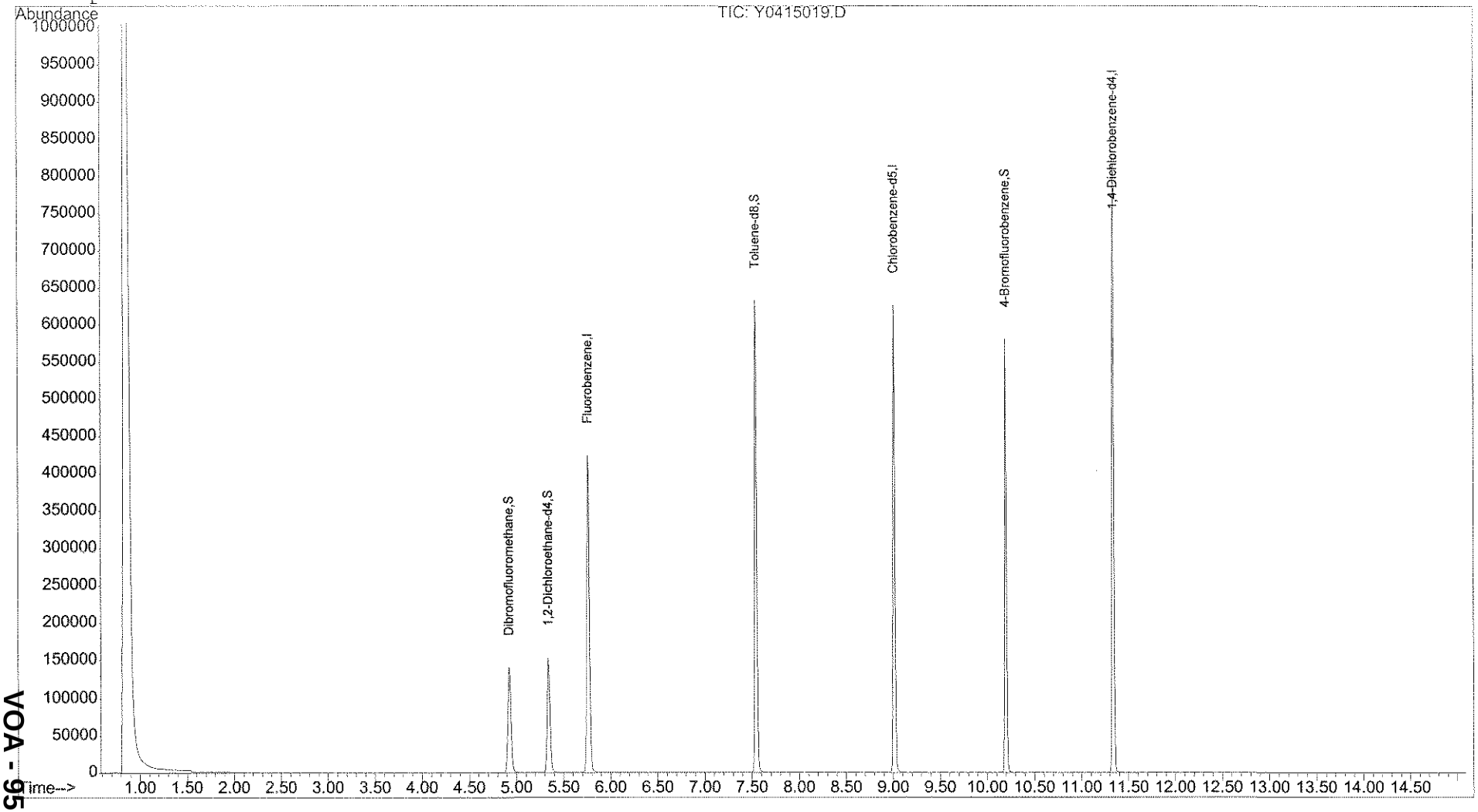
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415019.D Vial: 32
Acq On : 15 Apr 2007 18:40 Operator: LH
Sample : JPL31-009 Inst : yoda
Misc : 5mL+IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:46 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 95

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415019.D Vial: 32
Acq On : 15 Apr 2007 18:40 Operator: LH
Sample : JPL31-009 Inst : yoda
Misc : 5mL+IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:46 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	382611	50.00	ug/l	0.00 112.62%
50) Chlorobenzene-d5	9.01	82	156328	50.00	ug/l	0.00 96.99%
70) 1,4-Dichlorobenzene-d4	11.34	152	182977	50.00	ug/l	0.00 81.20%
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	103125	44.55	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 89.10%			
37) 1,2-Dichloroethane-d4	5.34	65	116948	47.62	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.24%			
51) Toluene-d8	7.54	98	366214	59.03	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 118.06%			
72) 4-Bromofluorobenzene	10.20	95	145802	55.15	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	541	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415019.D Vial: 32
Acq On : 15 Apr 2007 18:40 Operator: LH
Sample : JPL31-009 Inst : yoda
Misc : 5mL+IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:46 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	0.00	78	0	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	7.61	92	53	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	485	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.29	91	212	N.D.		
65)	m,p-Xylene	0.00	106	0	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415019.D Vial: 32
Acq On : 15 Apr 2007 18:40 Operator: LH
Sample : JPL31-009 Inst : yoda
Misc : 5mL+IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:46 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	10.20	105	69	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	4-Chlorotoluene	0.00	91	0	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.18	105	65	N.D.	
82)	sec-butylbenzene	11.18	105	65	N.D.	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
84)	4-Isopropyltoluene	11.34	119	208	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	11.74	91	253	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	13.31	180	54	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415020.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 19:05

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415020.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 19:05

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415020.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 19:05

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

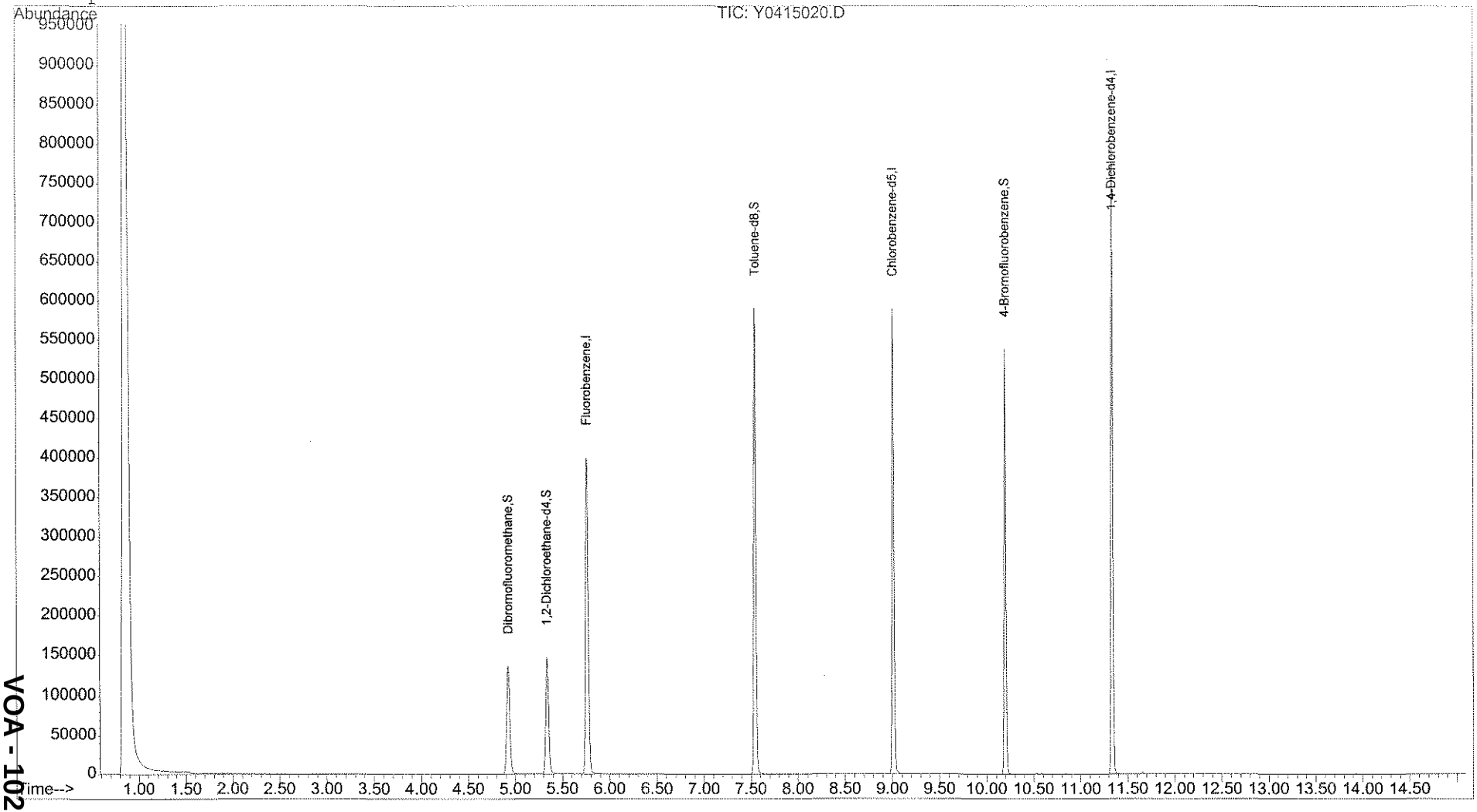
Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Data File : X:\MSVOA\YODA\041507\Y0415020.D Vial: 33
Acq On : 15 Apr 2007 19:05 Operator: LH
Sample : JPL31-011 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:48 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415020.D Vial: 33
Acq On : 15 Apr 2007 19:05 Operator: LH
Sample : JPL31-011 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:48 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	370267	50.00	ug/l	0.00 108.99%
50) Chlorobenzene-d5	9.01	82	150647	50.00	ug/l	0.00 93.47%
70) 1,4-Dichlorobenzene-d4	11.34	152	173859	50.00	ug/l	0.00 77.15%
System Monitoring Compounds						
33) Dibromofluoromethane	4.92	111	100839	45.01	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 90.02%			
37) 1,2-Dichloroethane-d4	5.34	65	113515	47.76	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.52%			
51) Toluene-d8	7.55	98	352820	59.02	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 118.04%			
72) 4-Bromofluorobenzene	10.20	95	138627	55.19	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.21	76	536	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415020.D Vial: 33
Acq On : 15 Apr 2007 19:05 Operator: LH
Sample : JPL31-011 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:48 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	5.38	78	110	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	7.61	92	57	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	369	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.17	91	53	N.D.		
65)	m,p-Xylene	0.00	106	0	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415020.D Vial: 33
Acq On : 15 Apr 2007 19:05 Operator: LH
Sample : JPL31-011 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:48 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69)	Isopropylbenzene	10.18	105	60	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	
77)	2-Chlorotoluene	10.47	91	65	N.D.	
78)	4-Chlorotoluene	10.47	91	65	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.18	105	80	N.D.	
82)	sec-butylbenzene	11.18	105	80	N.D.	
83)	1,3-Dichlorobenzene	11.27	146	57	N.D.	
84)	4-Isopropyltoluene	11.34	119	252	N.D.	
85)	1,4-Dichlorobenzene	11.35	146	68	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	11.74	91	203	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417024.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 16:31

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417024.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 16:31

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417024.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 16:31

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

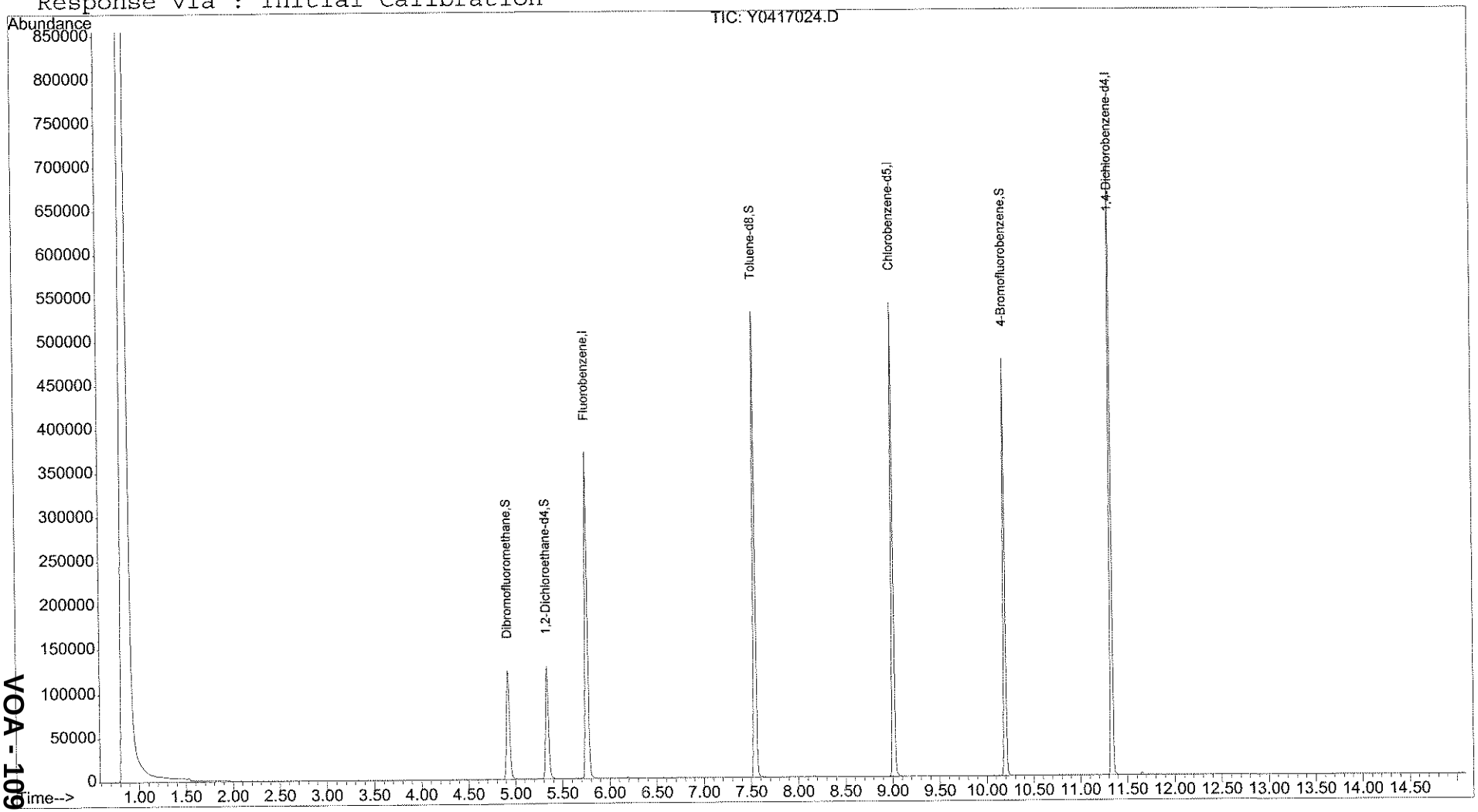
Quantitation Report

Data File : X:\MSVOA\YODA\041707\Y0417024.D
Acq On : 17 Apr 2007 16:31
Sample : JPL31-012
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Apr 18 7:23 2007

Vial: 30
Operator: LNH
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



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Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\041707\Y0417024.D
Acq On : 17 Apr 2007 16:31
Sample : JPL31-012
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Apr 18 7:23 2007

Vial: 30
Operator: LNH
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.76	96	325926	50.00	ug/l	0.00
50) Chlorobenzene-d5	9.01	82	135395	50.00	ug/l	0.00
70) 1,4-Dichlorobenzene-d4	11.34	152	157820	50.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.92	111	89926	45.60	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 91.20%			
37) 1,2-Dichloroethane-d4	5.34	65	99187	47.41	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.82%			
51) Toluene-d8	7.54	98	311493	57.97	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 115.94%			
72) 4-Bromofluorobenzene	10.20	95	124823	54.74	ug/l	0.00

Target Compounds				Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.
3) Chloromethane	0.00	50	0	N.D.
4) Vinyl Chloride	0.00	62	0	N.D.
5) Bromomethane	0.00	96	0	N.D.
6) Chloroethane	0.00	64	0	N.D.
7) Trichlorofluoromethane	0.00	101	0	N.D.
8) Acrolein	0.00	56	0	N.D.
9) 1,1-Dichloroethene	0.00	96	0	N.D.
10) 1,1,2-Trichloro-1,2,2-trif	2.09	101	284	N.D.
11) Acetone	0.00	43	0	N.D.
12) Iodomethane	0.00	142	0	N.D.
13) Bromoethane	0.00	108	0	N.D.
14) Carbon Disulfide	2.21	76	323	N.D.
15) Allyl chloride	0.00	76	0	N.D.
16) Acetonitrile	2.39	40	64	N.D.
17) Methyl Acetate	0.00	43	0	N.D.
18) Methylene Chloride	0.00	84	0	N.D.
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.
20) Acrylonitrile	0.00	53	0	N.D.
21) Methyl tert-butyl ether	0.00	73	0	N.D.
22) 1,1-Dichloroethane	3.32	63	407	N.D.
23) Vinyl acetate	0.00	43	0	N.D.
24) Chloroprene	0.00	53	0	N.D.
25) 2,2-Dichloropropane	0.00	77	0	N.D.
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.
27) 2-Butanone	0.00	43	0	N.D.
28) Propionitrile	0.00	54	0	N.D.
29) Bromochloromethane	0.00	128	0	N.D.

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

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\041707\Y0417024.D Vial: 30
Acq On : 17 Apr 2007 16:31 Operator: LNH
Sample : JPL31-012 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:23 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	4.70	83	939	N.D.		
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	0.00	78	0	N.D.		
39) 1,2-Dichloroethane	0.00	62	0	N.D.		
40) Isobutanol	0.00	43	0	N.D.		
41) Trichloroethene	6.20	130	490	N.D.		
42) Methylcyclohexane	0.00	83	0	N.D.		
43) 1,2-Dichloropropane	0.00	63	0	N.D.		
44) Dibromomethane	0.00	93	0	N.D.		
45) Methyl methacrylate	0.00	41	0	N.D.		
46) Bromodichloromethane	0.00	83	0	N.D.		
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49) 4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
52) Toluene	0.00	92	0	N.D.		
53) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54) Ethyl methacrylate	0.00	69	0	N.D.		
55) 1,1,2-Trichloroethane	0.00	97	0	N.D.		
56) Tetrachloroethene	8.16	166	442	N.D.		
57) 1,3-Dichloropropane	0.00	76	0	N.D.		
58) 2-Hexanone	0.00	43	0	N.D.		
59) Dibromochloromethane	0.00	129	0	N.D.		
60) 1,2-Dibromoethane	0.00	107	0	N.D.		
61) Chlorobenzene	0.00	112	0	N.D.		
62) 1-Chlorohexane	9.01	91	376	N.D.		
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64) Ethylbenzene	9.29	91	232	N.D.		
65) m,p-Xylene	9.29	106	136	N.D.		
66) o-xylene	0.00	106	0	N.D.		
67) Styrene	0.00	104	0	N.D.		
68) Bromoform	0.00	173	0	N.D.		
69) Isopropylbenzene	0.00	105	0	N.D.		
71) trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73) Bromobenzene	0.00	156	0	N.D.		
74) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75) 1,2,3-Trichloropropane	0.00	110	0	N.D.		
76) n-Propylbenzene	0.00	120	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\041707\Y0417024.D
Acq On : 17 Apr 2007 16:31
Sample : JPL31-012
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Apr 18 7:23 2007

Vial: 30
Operator: LNH
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77)	2-Chlorotoluene	10.46	91	137	N.D.		
78)	4-Chlorotoluene	10.46	91	137	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.19	105	54	N.D.		
82)	sec-butylbenzene	11.19	105	54	N.D.		
83)	1,3-Dichlorobenzene	11.27	146	426	N.D.		
84)	4-Isopropyltoluene	11.33	119	242	N.D.		
85)	1,4-Dichlorobenzene	11.36	146	170	N.D.		
86)	1,2-Dichlorobenzene	11.72	146	253	N.D.		
87)	n-Butylbenzene	11.74	91	269	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	13.31	180	135	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	13.79	180	221	N.D.		

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417025.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 16:55

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.4	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417025.D

Level: (LOW/MED) _____ Date Collected: 04/04/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/17/2007 16:55

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.61	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417025.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 16:55

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

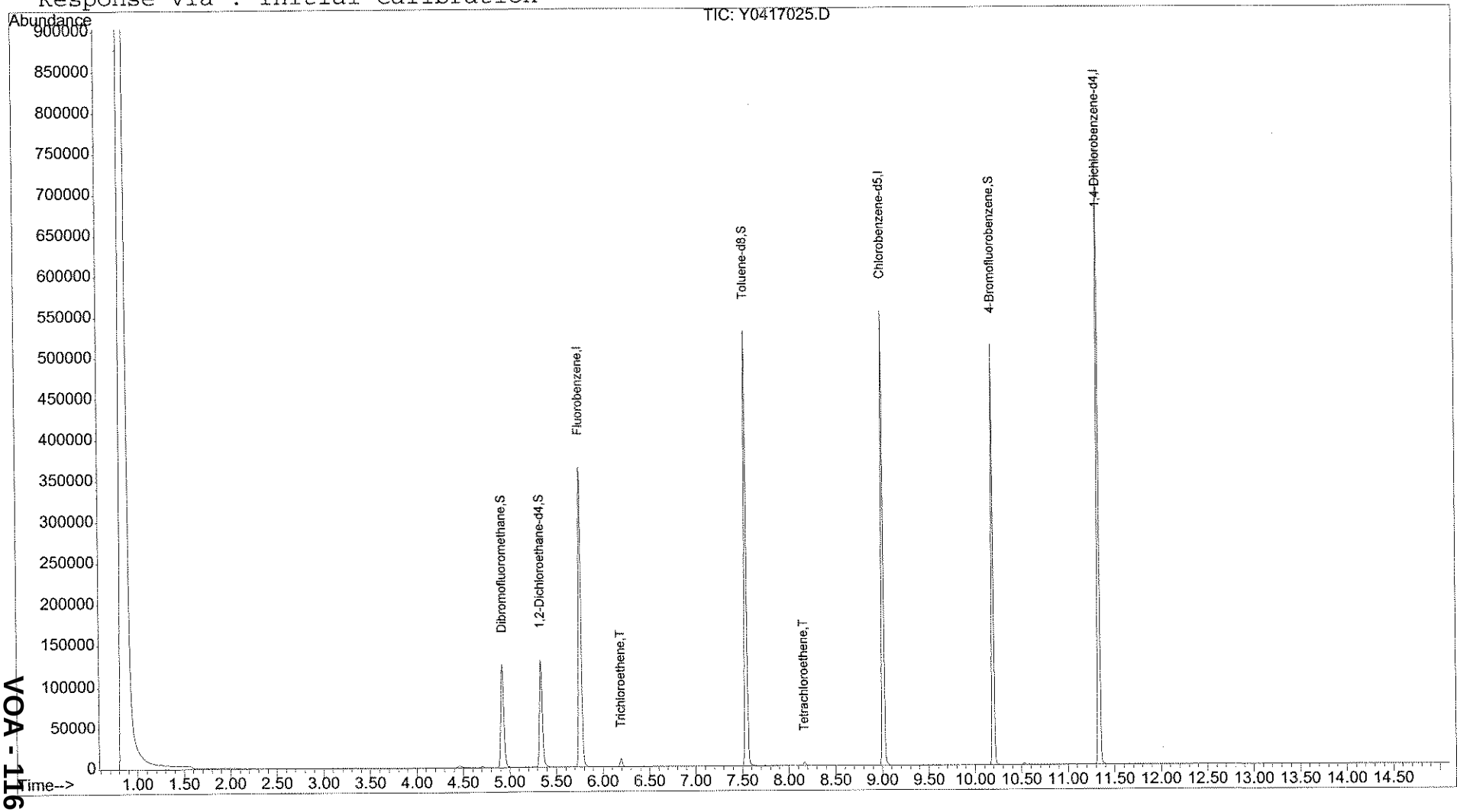
Comments:

Data File : X:\MSVOA\YODA\041707\Y0417025.D
Acq On : 17 Apr 2007 16:55
Sample : JPL31-013
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Apr 18 7:24 2007

Vial: 31
Operator: LNH
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 116

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\041707\Y0417025.D Vial: 31
Acq On : 17 Apr 2007 16:55 Operator: LNH
Sample : JPL31-013 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:24 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.76	96	326258	50.00	ug/l	0.00
50) Chlorobenzene-d5	9.01	82	136714	50.00	ug/l	0.00
70) 1,4-Dichlorobenzene-d4	11.34	152	166662	50.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	90781	45.99	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 91.98%			
37) 1,2-Dichloroethane-d4	5.34	65	100827	48.15	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.30%			
51) Toluene-d8	7.54	98	312715	57.64	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 115.28%			
72) 4-Bromofluorobenzene	10.20	95	128620	53.42	ug/l	0.00

Target Compounds				Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.
3) Chloromethane	0.00	50	0	N.D.
4) Vinyl Chloride	0.00	62	0	N.D.
5) Bromomethane	0.00	96	0	N.D.
6) Chloroethane	0.00	64	0	N.D.
7) Trichlorofluoromethane	0.00	101	0	N.D.
8) Acrolein	0.00	56	0	N.D.
9) 1,1-Dichloroethene	0.00	96	0	N.D.
10) 1,1,2-Trichloro-1,2,2-trif	2.09	101	381	N.D.
11) Acetone	0.00	43	0	N.D.
12) Iodomethane	0.00	142	0	N.D.
13) Bromoethane	0.00	108	0	N.D.
14) Carbon Disulfide	2.22	76	173	N.D.
15) Allyl chloride	0.00	76	0	N.D.
16) Acetonitrile	0.00	40	0	N.D.
17) Methyl Acetate	0.00	43	0	N.D.
18) Methylene Chloride	0.00	84	0	N.D.
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.
20) Acrylonitrile	0.00	53	0	N.D.
21) Methyl tert-butyl ether	0.00	73	0	N.D.
22) 1,1-Dichloroethane	3.33	63	688	N.D.
23) Vinyl acetate	0.00	43	0	N.D.
24) Chloroprene	0.00	53	0	N.D.
25) 2,2-Dichloropropane	0.00	77	0	N.D.
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.
27) 2-Butanone	0.00	43	0	N.D.
28) Propionitrile	0.00	54	0	N.D.
29) Bromochloromethane	0.00	128	0	N.D.

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

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\041707\Y0417025.D
Acq On : 17 Apr 2007 16:55
Sample : JPL31-013
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Apr 18 7:24 2007

Vial: 31
Operator: LNH
Inst : yoda
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Methacrylonitrile	0.00	41	0	N.D.			
31)	Chloroform	4.70	83	1687	N.D.			
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.			
34)	Cyclohexane	0.00	56	0	N.D.			
35)	Carbon Tetrachloride	0.00	117	0	N.D.			
36)	1,1-Dichloropropene	0.00	75	0	N.D.			
38)	Benzene	5.40	78	63	N.D.			
39)	1,2-Dichloroethane	0.00	62	0	N.D.			
40)	Isobutanol	0.00	43	0	N.D.			
41)	Trichloroethene	6.20	130	3236	1.41	ug/l	✓	92
42)	Methylcyclohexane	0.00	83	0	N.D.			
43)	1,2-Dichloropropane	0.00	63	0	N.D.			
44)	Dibromomethane	0.00	93	0	N.D.			
45)	Methyl methacrylate	0.00	41	0	N.D.			
46)	Bromodichloromethane	6.78	83	110	N.D.			
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.			
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.			
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d		
52)	Toluene	7.62	92	63	N.D.			
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.			
54)	Ethyl methacrylate	0.00	69	0	N.D.			
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.			
56)	Tetrachloroethene	8.17	166	1160	0.61	ug/l	# ✓	90
57)	1,3-Dichloropropane	0.00	76	0	N.D.			
58)	2-Hexanone	0.00	43	0	N.D.			
59)	Dibromochloromethane	0.00	129	0	N.D.			
60)	1,2-Dibromoethane	0.00	107	0	N.D.			
61)	Chlorobenzene	0.00	112	0	N.D.			
62)	1-Chlorohexane	9.02	91	310	N.D.			
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.			
64)	Ethylbenzene	9.29	91	208	N.D.			
65)	m,p-Xylene	0.00	106	0	N.D.			
66)	o-xylene	0.00	106	0	N.D.			
67)	Styrene	0.00	104	0	N.D.			
68)	Bromoform	0.00	173	0	N.D.			
69)	Isopropylbenzene	10.20	105	59	N.D.			
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.			
73)	Bromobenzene	0.00	156	0	N.D.			
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.			
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.			
76)	n-Propylbenzene	0.00	120	0	N.D.			

LNH 4/17/07

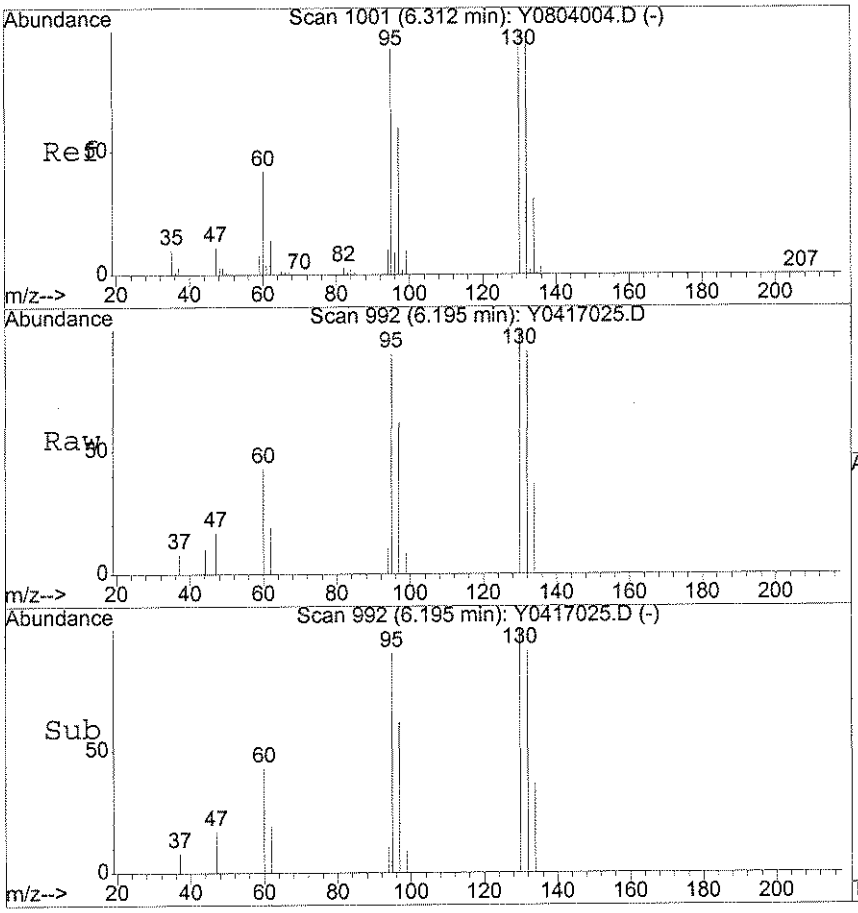
(#) = qualifier out of range (m) = manual integration

Data File : X:\MSVOA\YODA\041707\Y0417025.D Vial: 31
Acq On : 17 Apr 2007 16:55 Operator: LNH
Sample : JPL31-013 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:24 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
77)	2-Chlorotoluene	10.47	91	59	N.D.	
78)	4-Chlorotoluene	10.47	91	59	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.18	105	55	N.D.	
82)	sec-butylbenzene	11.18	105	55	N.D.	
83)	1,3-Dichlorobenzene	11.36	146	129	N.D.	
84)	4-Isopropyltoluene	11.34	119	265	N.D.	
85)	1,4-Dichlorobenzene	11.36	146	129	N.D.	
86)	1,2-Dichlorobenzene	11.72	146	87	N.D.	
87)	n-Butylbenzene	11.74	91	258	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	13.79	180	138	N.D.	

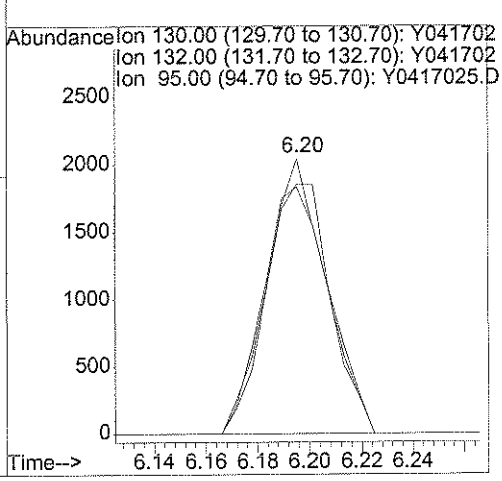
(#) = qualifier out of range (m) = manual integration

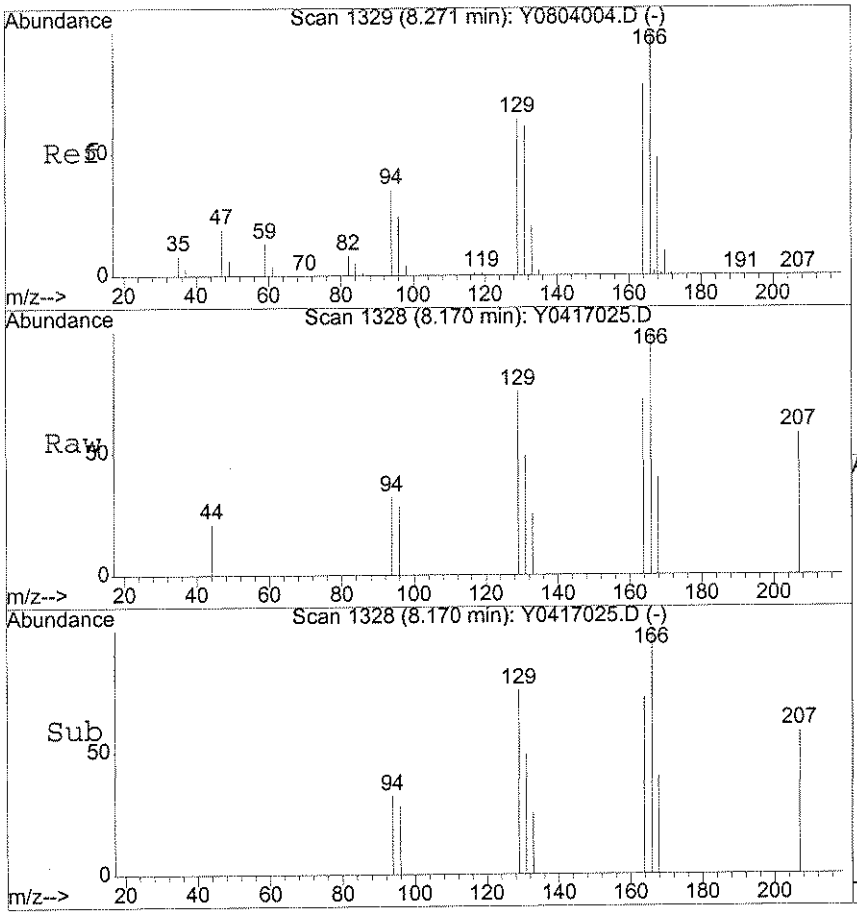


#41
Trichloroethene
Concen: 1.41 ug/l
RT: 6.20 min Scan# 992
Delta R.T. 0.01 min
Lab File: Y0417025.D
Acq: 17 Apr 2007 16:55

Tgt Ion:130 Resp: 3236

Ion	Ratio	Lower	Upper
130	100		
132	100.4	75.0	115.0
95	98.4	69.4	109.4

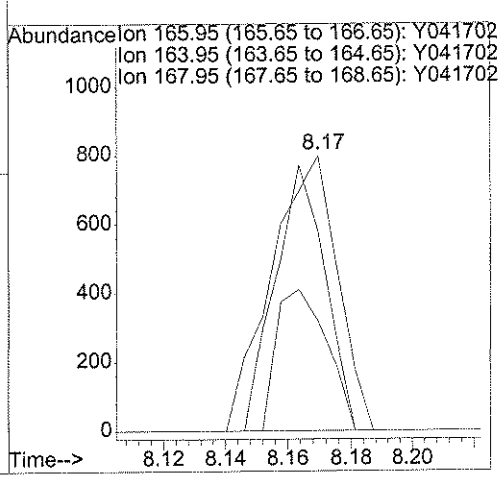




#56
Tetrachloroethene
Concen: 0.61 ug/l
RT: 8.17 min Scan# 1328
Delta R.T. 0.01 min
Lab File: Y0417025.D
Acq: 17 Apr 2007 16:55

Tgt Ion:166 Resp: 1160

Ion	Ratio	Lower	Upper
166	100		
164	73.1	63.3	94.9
168	39.1	39.6	59.4#



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-7-4/4/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417026.D

Level: (LOW/MED) _____ Date Collected: 04/04/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/17/2007 17:20

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-7-4/4/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417026.D

Level: (LOW/MED) _____ Date Collected: 04/04/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/17/2007 17:20

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-7-4/4/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417026.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 17:20

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

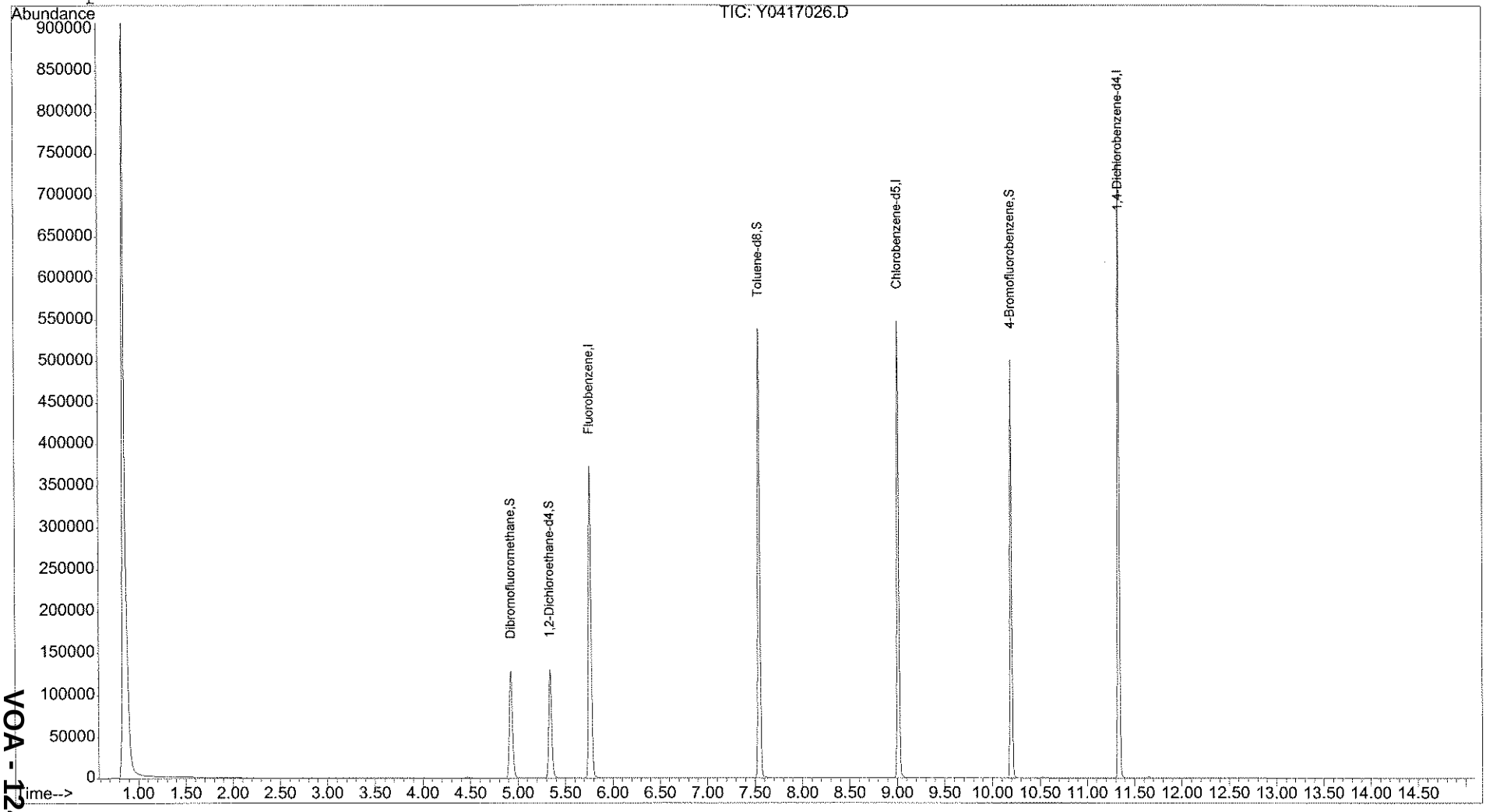
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041707\Y0417026.D Vial: 32
Acq On : 17 Apr 2007 17:20 Operator: LNH
Sample : JPL31-014 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:25 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\041707\Y0417026.D Vial: 32
Acq On : 17 Apr 2007 17:20 Operator: LNH
Sample : JPL31-014 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:25 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.76	96	331284	50.00	ug/l	0.00
50) Chlorobenzene-d5	9.01	82	138350	50.00	ug/l	0.00
70) 1,4-Dichlorobenzene-d4	11.34	152	163512	50.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	92271	46.04	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 92.08%			
37) 1,2-Dichloroethane-d4	5.34	65	101989	47.96	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.92%			
51) Toluene-d8	7.54	98	314863	57.35	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 114.70%			
72) 4-Bromofluorobenzene	10.20	95	127680	54.05	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	2.09	101	169	N.D.		
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27) 2-Butanone	0.00	43	0	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\041707\Y0417026.D Vial: 32
Acq On : 17 Apr 2007 17:20 Operator: LNH
Sample : JPL31-014 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:25 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	0.00	78	0	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
52)	Toluene	7.61	92	140	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	437	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.01	91	437	N.D.		
65)	m,p-Xylene	0.00	106	0	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		
69)	Isopropylbenzene	0.00	105	0	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\041707\Y0417026.D
Acq On : 17 Apr 2007 17:20
Sample : JPL31-014
Misc : 5mL+IS/SS #2
MS Integration Params: rteint.p
Quant Time: Apr 18 7:25 2007

Vial: 32
Operator: LNH
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
77)	2-Chlorotoluene	10.46	91	57	N.D.	
78)	4-Chlorotoluene	10.46	91	57	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D.	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
84)	4-Isopropyltoluene	11.34	119	219	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	11.74	91	229	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-7-4/4/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-015

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415011.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 15:25

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-7-4/4/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-015

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415011.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 15:25

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-7-4/4/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016855

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-015

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0415011.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/15/2007 15:25

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

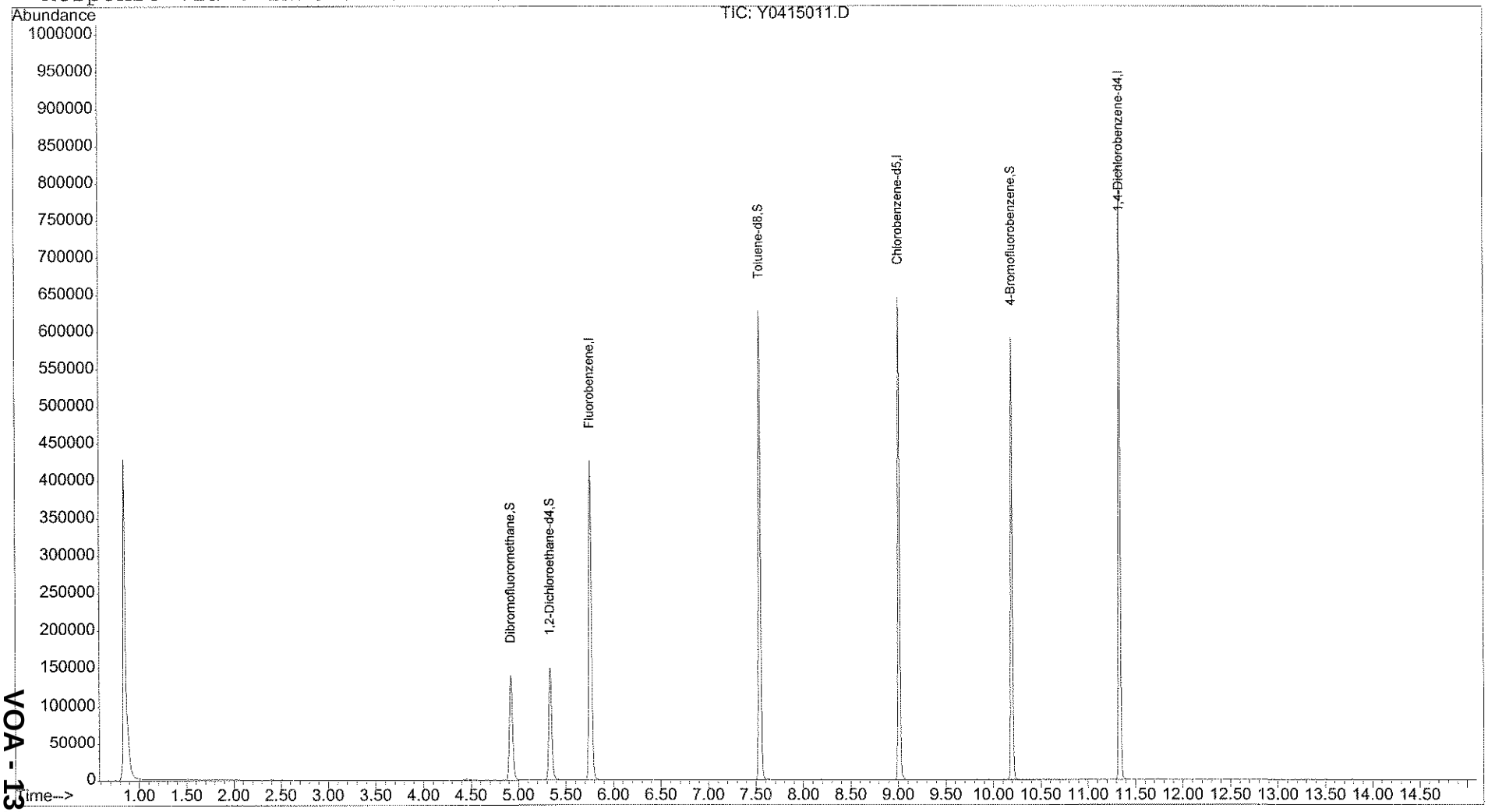
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415011.D Vial: 24
Acq On : 15 Apr 2007 15:25 Operator: LH
Sample : JPL31-015 TB Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:36 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415011.D Vial: 24
Acq On : 15 Apr 2007 15:25 Operator: LH
Sample : JPL31-015 TB Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:36 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : X:\MSVOA\YODA\011707\Y0117007.D (17 Jan 2007 11:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	390484	50.00	ug/l	0.00 114.94%
50) Chlorobenzene-d5	9.01	82	160220	50.00	ug/l	0.00 99.41%
70) 1,4-Dichlorobenzene-d4	11.34	152	186356	50.00	ug/l	0.00 82.70%
System Monitoring Compounds						
33) Dibromofluoromethane	4.92	111	104152	44.09	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 88.18%			
37) 1,2-Dichloroethane-d4	5.34	65	117159	46.74	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.48%			
51) Toluene-d8	7.54	98	371079	58.36	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 116.72%			
72) 4-Bromofluorobenzene	10.20	95	153412	56.98	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	282	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.52	84	340	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415011.D Vial: 24
Acq On : 15 Apr 2007 15:25 Operator: LH
Sample : JPL31-015 TB Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:36 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	5.38	78	55	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	6.38	83	60	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	7.61	92	109	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	8.16	166	68	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	539	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.16	91	142	N.D.		
65)	m,p-Xylene	9.29	106	69	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415011.D Vial: 24
Acq On : 15 Apr 2007 15:25 Operator: LH
Sample : JPL31-015 TB Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:36 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	5.38	78	55	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	6.38	83	60	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	7.61	92	109	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	8.16	166	68	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	539	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.16	91	142	N.D.		
65)	m,p-Xylene	9.29	106	69	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041507\Y0415011.D Vial: 24
Acq On : 15 Apr 2007 15:25 Operator: LH
Sample : JPL31-015 TB Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 13:36 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	10.06	105	60	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	10.53	91	74	N.D.		
78)	4-Chlorotoluene	10.64	91	362	N.D.		
79)	1,3,5-Trimethylbenzene	10.65	105	150	N.D.		
80)	tert-Butylbenzene	10.97	119	57	N.D.		
81)	1,2,4-Trimethylbenzene	11.01	105	237	N.D.		
82)	sec-butylbenzene	11.18	105	458	N.D.		
83)	1,3-Dichlorobenzene	11.27	146	204	N.D.		
84)	4-Isopropyltoluene	11.34	119	685	N.D.		
85)	1,4-Dichlorobenzene	11.35	146	258	N.D.		
86)	1,2-Dichlorobenzene	11.72	146	116	N.D.		
87)	n-Butylbenzene	11.74	91	762	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	13.30	180	236	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.	d	
91)	Naphthalene	13.54	128	221	N.D.		
92)	1,2,3-Trichlorobenzene	13.79	180	221	N.D.		

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-016

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417027.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 17:44

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-016

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417027.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 17:44

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-016

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417027.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 17:44

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

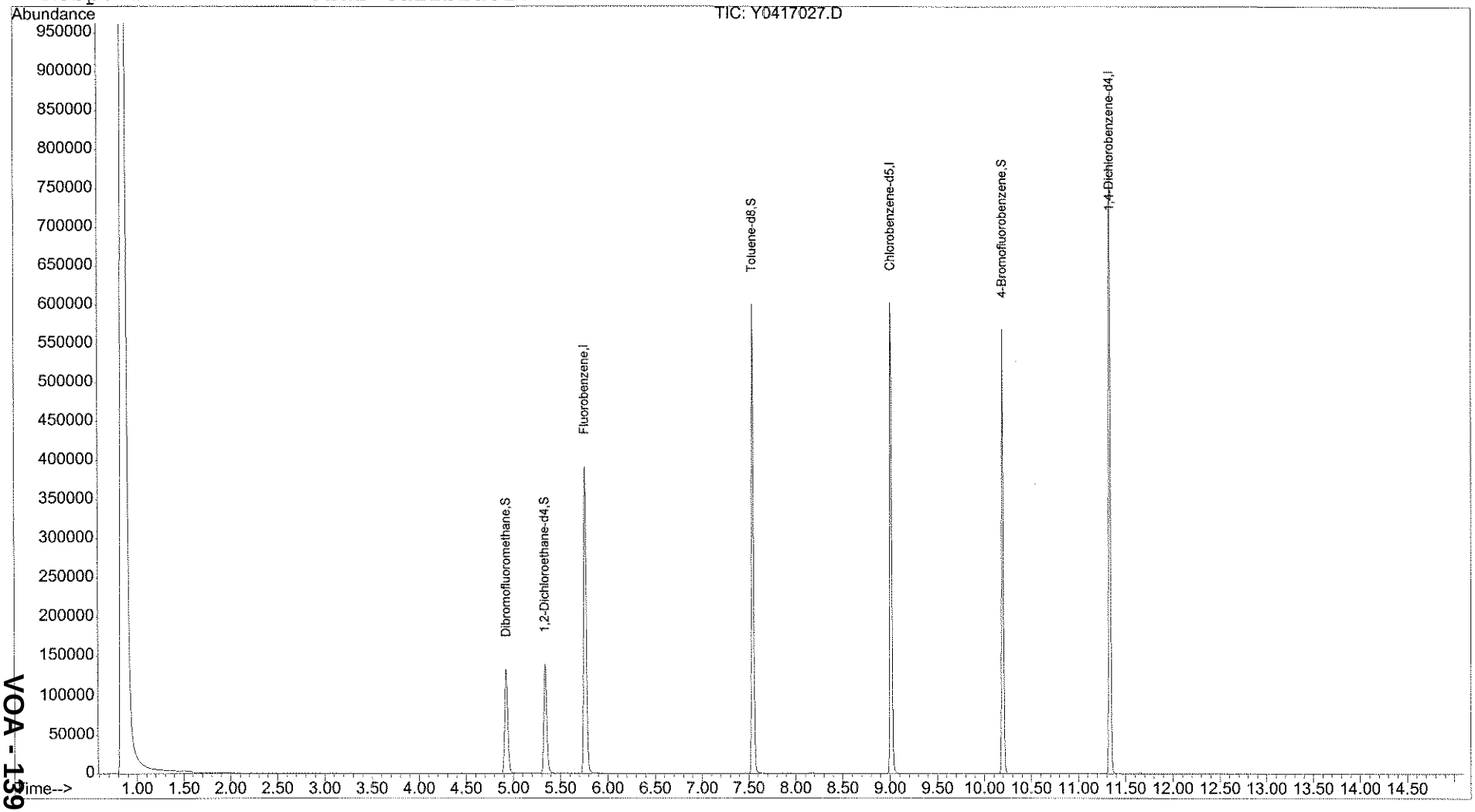
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041707\Y0417027.D Vial: 33
Acq On : 17 Apr 2007 17:44 Operator: LNH
Sample : JPL31-016 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:25 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



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Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\041707\Y0417027.D Vial: 33
Acq On : 17 Apr 2007 17:44 Operator: LNH
Sample : JPL31-016 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:25 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.76	96	354128	50.00	ug/l	0.00
50) Chlorobenzene-d5	9.01	82	152423	50.00	ug/l	0.00
70) 1,4-Dichlorobenzene-d4	11.34	152	175918	50.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	96866	45.21	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 90.42%			
37) 1,2-Dichloroethane-d4	5.34	65	109085	47.99	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.98%			
51) Toluene-d8	7.54	98	346833	57.34	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 114.68%			
72) 4-Bromofluorobenzene	10.20	95	143944	56.63	ug/l	0.00

Target Compounds				Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.
3) Chloromethane	0.00	50	0	N.D.
4) Vinyl Chloride	0.00	62	0	N.D.
5) Bromomethane	0.00	96	0	N.D.
6) Chloroethane	0.00	64	0	N.D.
7) Trichlorofluoromethane	0.00	101	0	N.D.
8) Acrolein	0.00	56	0	N.D.
9) 1,1-Dichloroethene	0.00	96	0	N.D.
10) 1,1,2-Trichloro-1,2,2-trif	2.08	101	83	N.D.
11) Acetone	0.00	43	0	N.D.
12) Iodomethane	0.00	142	0	N.D.
13) Bromoethane	0.00	108	0	N.D.
14) Carbon Disulfide	2.22	76	492	N.D.
15) Allyl chloride	0.00	76	0	N.D.
16) Acetonitrile	2.40	40	62	N.D.
17) Methyl Acetate	0.00	43	0	N.D.
18) Methylene Chloride	0.00	84	0	N.D.
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.
20) Acrylonitrile	0.00	53	0	N.D.
21) Methyl tert-butyl ether	0.00	73	0	N.D.
22) 1,1-Dichloroethane	0.00	63	0	N.D.
23) Vinyl acetate	0.00	43	0	N.D.
24) Chloroprene	0.00	53	0	N.D.
25) 2,2-Dichloropropane	0.00	77	0	N.D.
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.
27) 2-Butanone	0.00	43	0	N.D.
28) Propionitrile	0.00	54	0	N.D.
29) Bromochloromethane	0.00	128	0	N.D.

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

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\041707\Y0417027.D Vial: 33
Acq On : 17 Apr 2007 17:44 Operator: LNH
Sample : JPL31-016 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:25 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	0.00	83	0	N.D.		
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	0.00	78	0	N.D.		
39) 1,2-Dichloroethane	0.00	62	0	N.D.		
40) Isobutanol	0.00	43	0	N.D.		
41) Trichloroethene	0.00	130	0	N.D.		
42) Methylcyclohexane	0.00	83	0	N.D.		
43) 1,2-Dichloropropane	0.00	63	0	N.D.		
44) Dibromomethane	0.00	93	0	N.D.		
45) Methyl methacrylate	0.00	41	0	N.D.		
46) Bromodichloromethane	0.00	83	0	N.D.		
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49) 4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
52) Toluene	7.61	92	72	N.D.		
53) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54) Ethyl methacrylate	0.00	69	0	N.D.		
55) 1,1,2-Trichloroethane	0.00	97	0	N.D.		
56) Tetrachloroethene	0.00	166	0	N.D.		
57) 1,3-Dichloropropane	0.00	76	0	N.D.		
58) 2-Hexanone	0.00	43	0	N.D.		
59) Dibromochloromethane	0.00	129	0	N.D.		
60) 1,2-Dibromoethane	0.00	107	0	N.D.		
61) Chlorobenzene	0.00	112	0	N.D.		
62) 1-Chlorohexane	9.02	91	455	N.D.		
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64) Ethylbenzene	9.29	91	145	N.D.		
65) m,p-Xylene	0.00	106	0	N.D.		
66) o-xylene	0.00	106	0	N.D.		
67) Styrene	0.00	104	0	N.D.		
68) Bromoform	0.00	173	0	N.D.		
69) Isopropylbenzene	0.00	105	0	N.D.		
71) trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73) Bromobenzene	0.00	156	0	N.D.		
74) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75) 1,2,3-Trichloropropane	0.00	110	0	N.D.		
76) n-Propylbenzene	0.00	120	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\041707\Y0417027.D Vial: 33
Acq On : 17 Apr 2007 17:44 Operator: LNH
Sample : JPL31-016 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:25 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
77)	2-Chlorotoluene	10.47	91	64	N.D.	
78)	4-Chlorotoluene	10.47	91	64	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D.	
83)	1,3-Dichlorobenzene	11.27	146	58	N.D.	
84)	4-Isopropyltoluene	11.33	119	236	N.D.	
85)	1,4-Dichlorobenzene	11.27	146	58	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	11.74	91	110	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-017

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417028.D

Level: (LOW/MED) _____ Date Collected: 04/04/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/17/2007 18:09

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.57	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	1.4	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-017

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417028.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 18:09

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-017

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417028.D

Level: (LOW/MED) _____ Date Collected: 04/04/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/17/2007 18:09

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

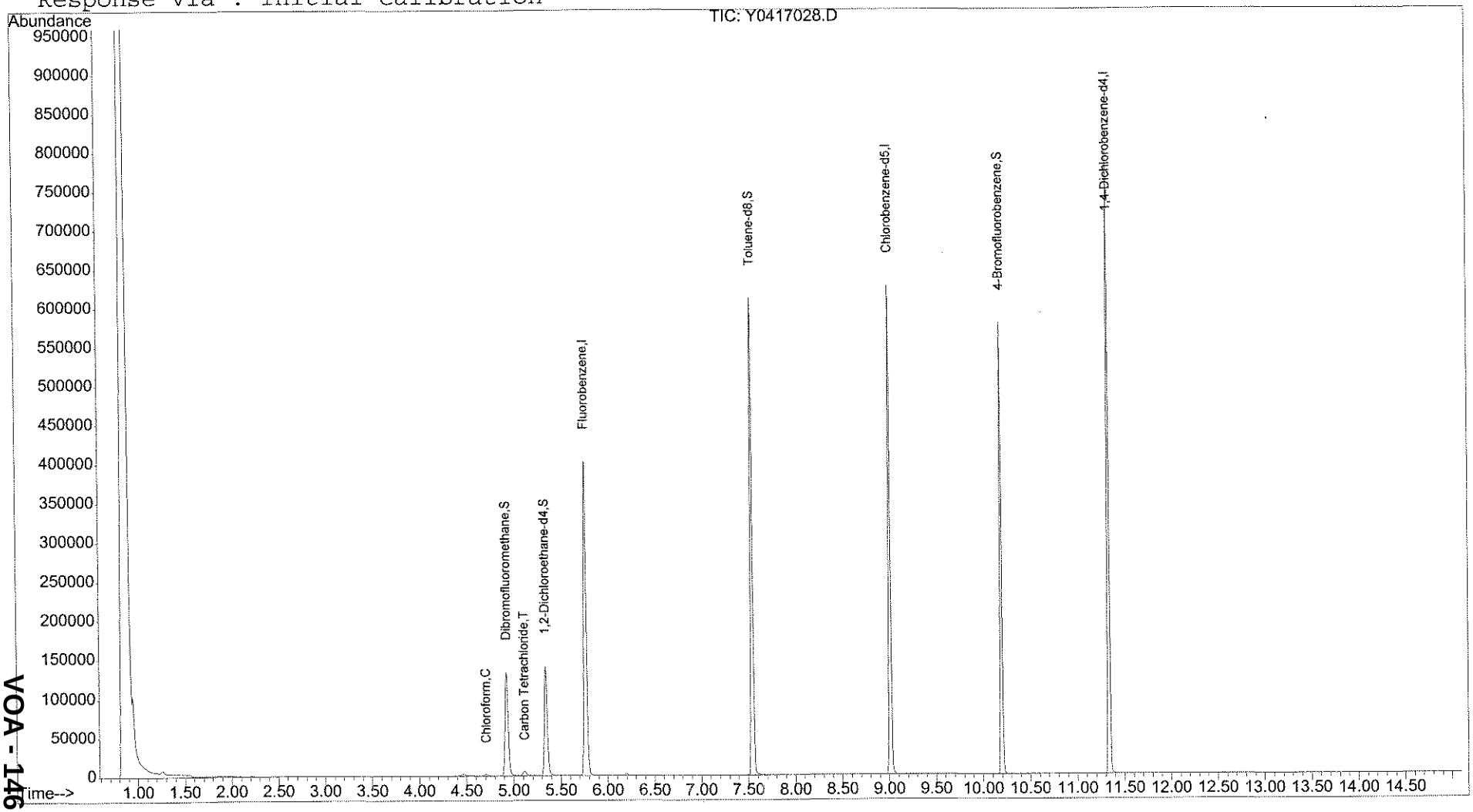
Quantitation Report

Data File : X:\MSVOA\YODA\041707\Y0417028.D
Acq On : 17 Apr 2007 18:09
Sample : JPL31-017
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Apr 18 7:26 2007

Vial: 34
Operator: LNH
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 146

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\041707\Y0417028.D
Acq On : 17 Apr 2007 18:09
Sample : JPL31-017
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Apr 18 7:26 2007

Vial: 34
Operator: LNH
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.76	96	361542	50.00	ug/l	0.00
50) Chlorobenzene-d5	9.01	82	159092	50.00	ug/l	0.00
70) 1,4-Dichlorobenzene-d4	11.34	152	174100	50.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.93	111	97604	44.62	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 89.24%			
37) 1,2-Dichloroethane-d4	5.34	65	110152	47.47	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.94%			
51) Toluene-d8	7.55	98	356096	56.40	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 112.80%			
72) 4-Bromofluorobenzene	10.20	95	147340	58.58	ug/l	0.00

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	96	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	0.00	56	0	N.D.	
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	2.09	101	135	N.D.	
11) Acetone	0.00	43	0	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.22	76	810	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.35	40	53	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	0.00	84	0	N.D.	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
20) Acrylonitrile	0.00	53	0	N.D.	
21) Methyl tert-butyl ether	0.00	73	0	N.D.	
22) 1,1-Dichloroethane	0.00	63	0	N.D.	
23) Vinyl acetate	0.00	43	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	0.00	77	0	N.D.	
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
27) 2-Butanone	0.00	43	0	N.D.	
28) Propionitrile	0.00	54	0	N.D.	
29) Bromochloromethane	0.00	128	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\041707\Y0417028.D
Acq On : 17 Apr 2007 18:09
Sample : JPL31-017
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Apr 18 7:26 2007

Vial: 34
Operator: LNH
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	Methacrylonitrile	0.00	41	0	N.D.	
31)	Chloroform	4.71	83	2655	0.57 ug/l ✓	99
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	0.00	56	0	N.D.	
35)	Carbon Tetrachloride	5.11	117	4509	1.39 ug/l ✓	98
36)	1,1-Dichloropropene	0.00	75	0	N.D.	
38)	Benzene	0.00	78	0	N.D.	
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D.	
41)	Trichloroethene	6.20	130	952	N.D.	
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	0.00	83	0	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	7.61	92	347	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.04	112	53	N.D.	
62)	1-Chlorohexane	9.01	91	578	N.D.	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	9.17	91	111	N.D.	
65)	m,p-Xylene	9.30	106	59	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	9.70	104	138	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.19	105	78	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	0.00	156	0	N.D.	
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
76)	n-Propylbenzene	0.00	120	0	N.D.	

LNH 4/17/07

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

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\041707\Y0417028.D
Acq On : 17 Apr 2007 18:09
Sample : JPL31-017
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Apr 18 7:26 2007

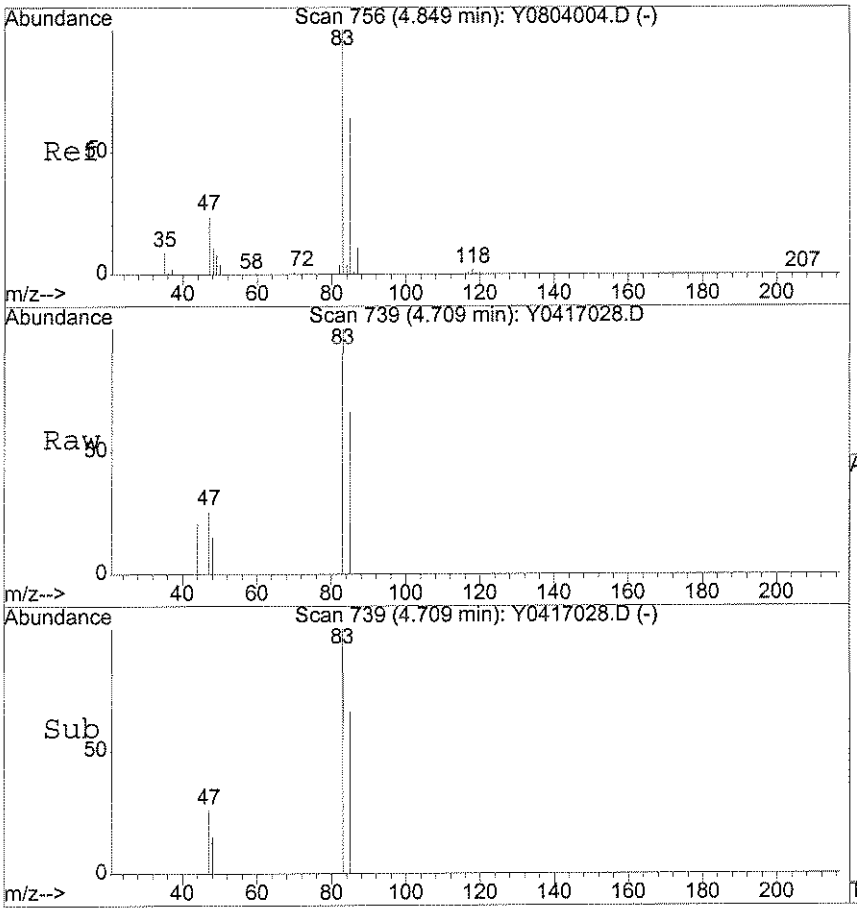
Vial: 34
Operator: LNH
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
77)	2-Chlorotoluene	10.46	91	70	N.D.	
78)	4-Chlorotoluene	10.46	91	70	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82)	sec-butylbenzene	0.00	105	0	N.D.	
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
84)	4-Isopropyltoluene	11.34	119	136	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	11.74	91	53	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

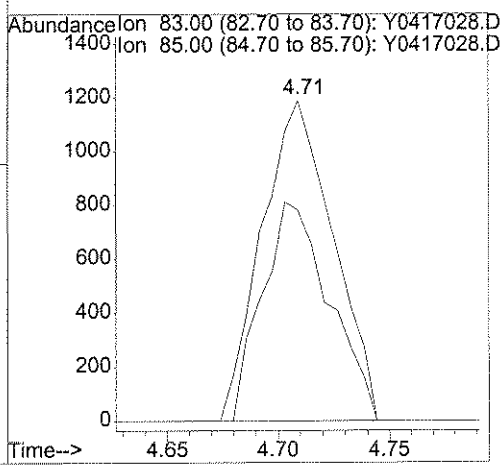
(#) = qualifier out of range (m) = manual integration

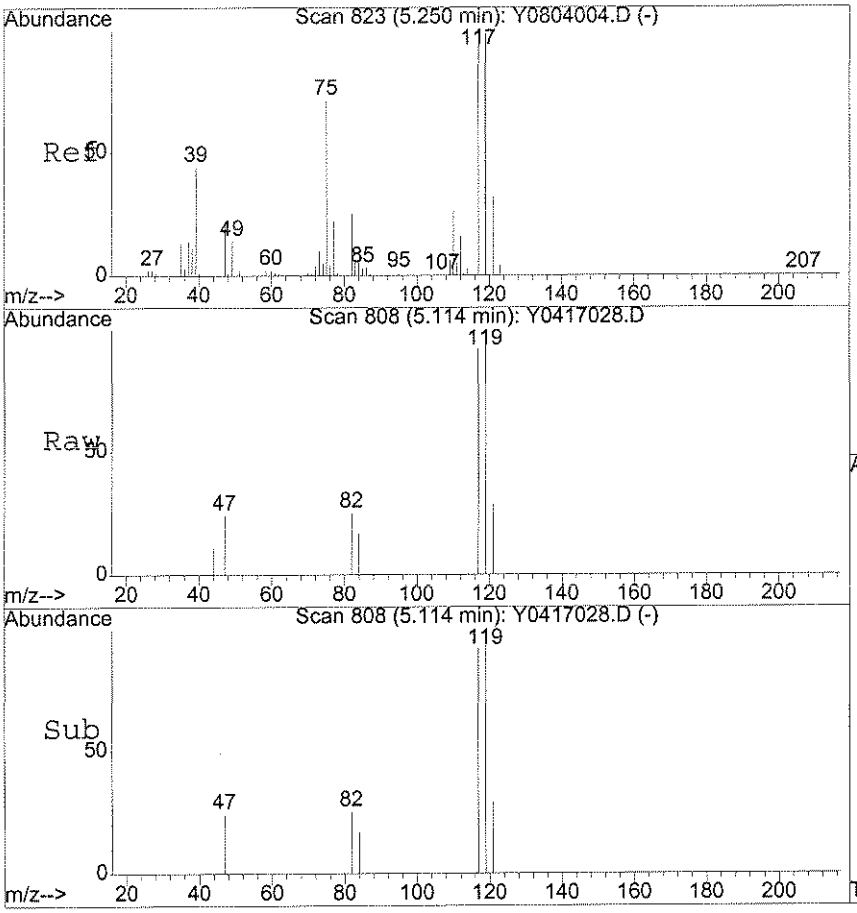


#31
Chloroform
Concen: 0.57 ug/l
RT: 4.71 min Scan# 739
Delta R.T. 0.01 min
Lab File: Y0417028.D
Acq: 17 Apr 2007 18:09

Tgt Ion: 83 Resp: 2655

Ion	Ratio	Lower	Upper
83	100		
85	64.3	43.3	83.3

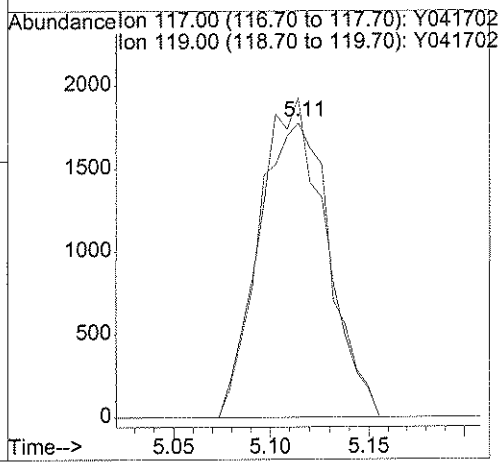




#35
Carbon Tetrachloride
Concen: 1.39 ug/l
RT: 5.11 min Scan# 808
Delta R.T. 0.01 min
Lab File: Y0417028.D
Acq: 17 Apr 2007 18:09

Tgt Ion:117 Resp: 4509

Ion	Ratio	Lower	Upper
117	100		
119	100.5	78.2	118.2



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-018

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417029.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 18:33

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	2.6	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	2.0	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-018

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417029.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 18:33

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-018

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417029.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 18:33

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

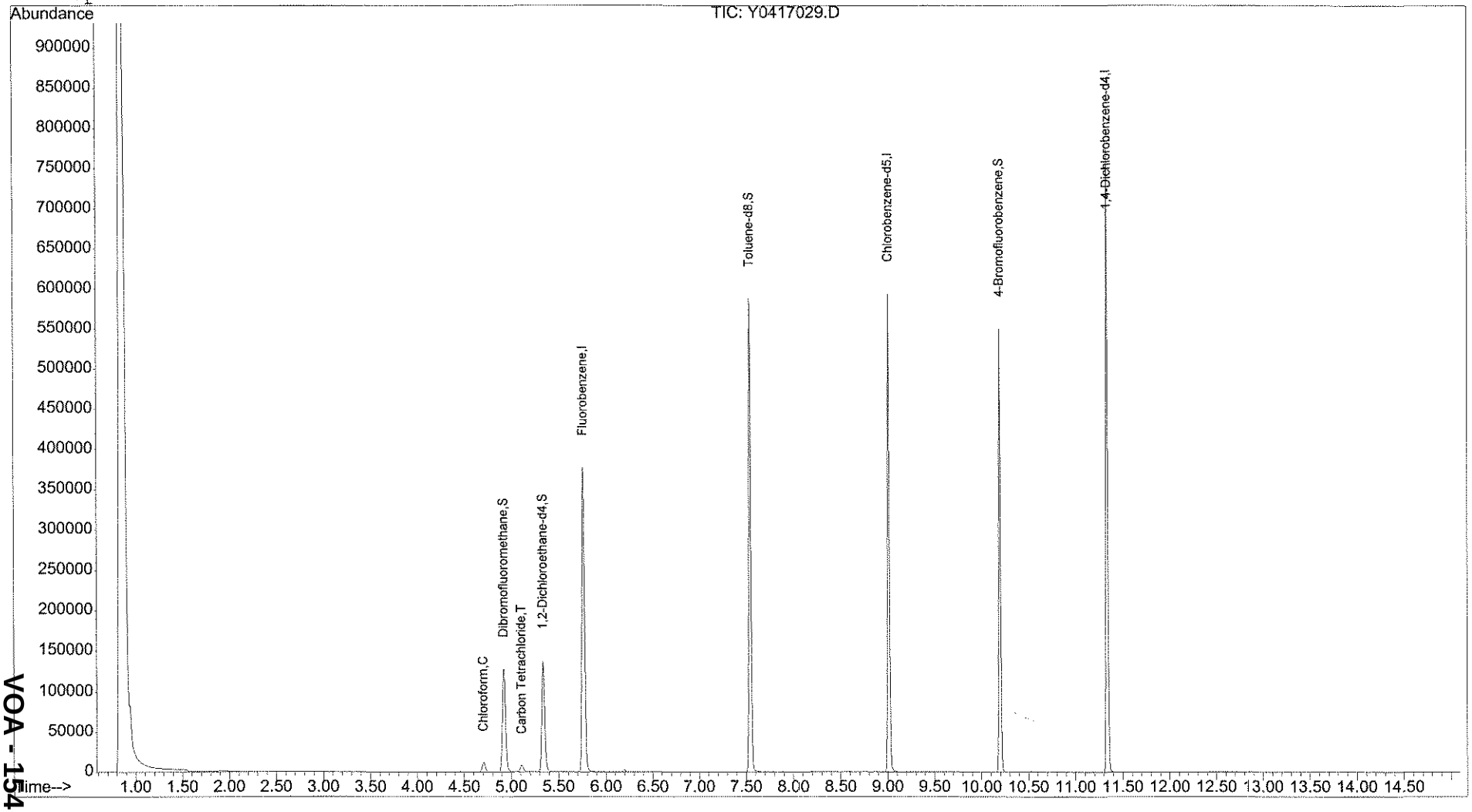
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041707\Y0417029.D Vial: 35
Acq On : 17 Apr 2007 18:33 Operator: LNH
Sample : JPL31-018 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:27 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 154

Quantitation Report

Data File : X:\MSVOA\YODA\041707\Y0417029.D Vial: 35
Acq On : 17 Apr 2007 18:33 Operator: LNH
Sample : JPL31-018 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:27 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : File name for IS QA unknown

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	342333	50.00	ug/l	0.00 NA%
50) Chlorobenzene-d5	9.01	82	150817	50.00	ug/l	0.00 NA%
70) 1,4-Dichlorobenzene-d4	11.34	152	168546	50.00	ug/l	0.00 NA%
System Monitoring Compounds						
33) Dibromofluoromethane	4.92	111	94491	45.62	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 91.24%			
37) 1,2-Dichloroethane-d4	5.34	65	104887	47.73	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.46%			
51) Toluene-d8	7.54	98	336478	56.22	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 112.44%			
72) 4-Bromofluorobenzene	10.20	95	141663	58.18	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	2.08	101	137	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	580	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	2.39	40	55	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		
23) Vinyl acetate	0.00	43	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041707\Y0417029.D Vial: 35
Acq On : 17 Apr 2007 18:33 Operator: LNH
Sample : JPL31-018 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:27 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	Chloroprene	0.00	53	0	N.D.			
25)	2,2-Dichloropropane	0.00	77	0	N.D.			
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.			
27)	2-Butanone	0.00	43	0	N.D.			
28)	Propionitrile	0.00	54	0	N.D.			
29)	Bromochloromethane	0.00	128	0	N.D.			
30)	Methacrylonitrile	0.00	41	0	N.D.			
31)	Chloroform	4.71	83	11585	2.63	ug/l	✓	96
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.			
34)	Cyclohexane	0.00	56	0	N.D.			
35)	Carbon Tetrachloride	5.11	117	6294	2.04	ug/l	✓	98
36)	1,1-Dichloropropene	0.00	75	0	N.D.			
38)	Benzene	0.00	78	0	N.D.			
39)	1,2-Dichloroethane	0.00	62	0	N.D.			
40)	Isobutanol	0.00	43	0	N.D.			
41)	Trichloroethene	6.20	130	1000	N.D.			
42)	Methylcyclohexane	0.00	83	0	N.D.			
43)	1,2-Dichloropropane	0.00	63	0	N.D.			
44)	Dibromomethane	0.00	93	0	N.D.			
45)	Methyl methacrylate	0.00	41	0	N.D.			
46)	Bromodichloromethane	0.00	83	0	N.D.			
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.			
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.			
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d	
52)	Toluene	7.61	92	60	N.D.			
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.			
54)	Ethyl methacrylate	0.00	69	0	N.D.			
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.			
56)	Tetrachloroethene	0.00	166	0	N.D.			
57)	1,3-Dichloropropane	0.00	76	0	N.D.			
58)	2-Hexanone	0.00	43	0	N.D.			
59)	Dibromochloromethane	0.00	129	0	N.D.			
60)	1,2-Dibromoethane	0.00	107	0	N.D.			
61)	Chlorobenzene	0.00	112	0	N.D.			
62)	1-Chlorohexane	9.02	91	431	N.D.			
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.			
64)	Ethylbenzene	9.29	91	247	N.D.			
65)	m,p-Xylene	9.29	106	110	N.D.			
66)	o-xylene	0.00	106	0	N.D.			
67)	Styrene	0.00	104	0	N.D.			
68)	Bromoform	0.00	173	0	N.D.			

LNH 4/19/07

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

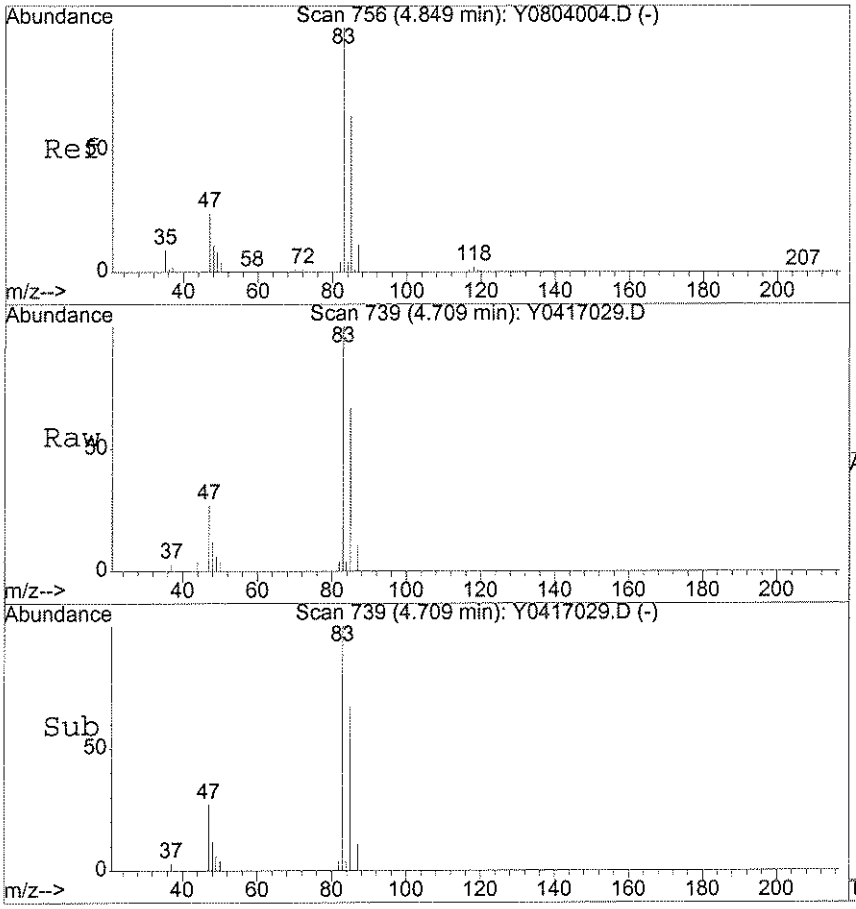
Quantitation Report

Data File : X:\MSVOA\YODA\041707\Y0417029.D Vial: 35
Acq On : 17 Apr 2007 18:33 Operator: LNH
Sample : JPL31-018 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:27 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	10.21	105	83	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	0.00	91	0	N.D.		
78)	4-Chlorotoluene	0.00	91	0	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
82)	sec-butylbenzene	0.00	105	0	N.D.		
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
84)	4-Isopropyltoluene	11.34	119	212	N.D.		
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	11.74	91	128	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

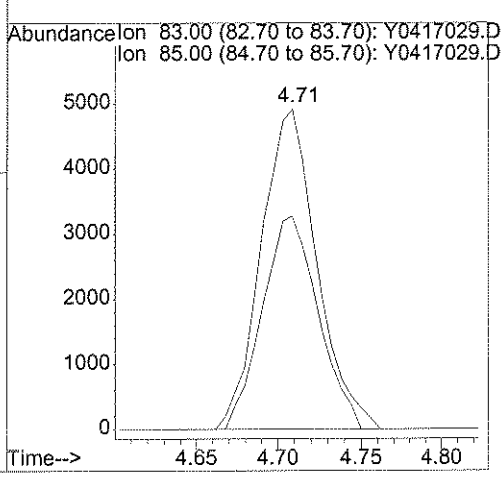
(#) = qualifier out of range (m) = manual integration

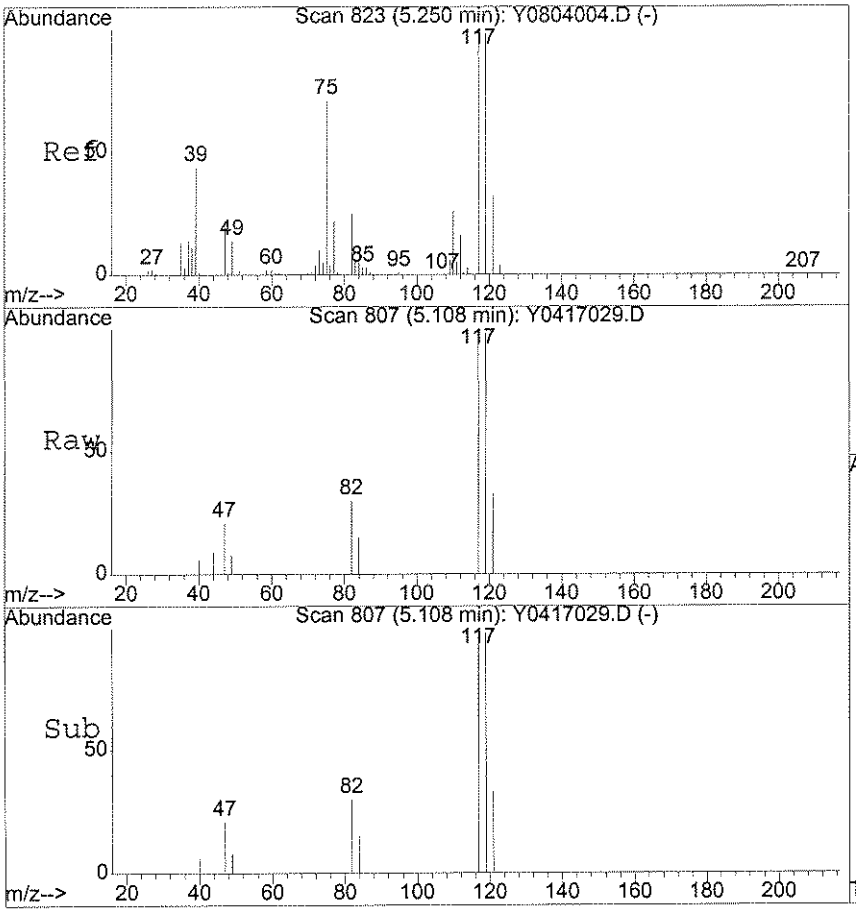


#31
Chloroform
Concen: 2.63 ug/l
RT: 4.71 min Scan# 739
Delta R.T. 0.01 min
Lab File: Y0417029.D
Acq: 17 Apr 2007 18:33

Tgt Ion: 83 Resp: 11585

Ion	Ratio	Lower	Upper
83	100		
85	66.7	43.3	83.3

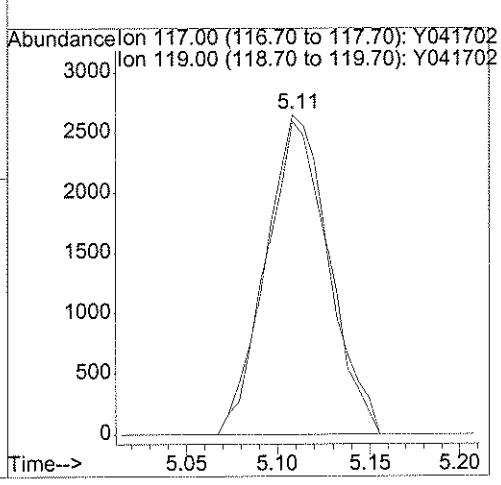




#35
Carbon Tetrachloride
Concen: 2.04 ug/l
RT: 5.11 min Scan# 807
Delta R.T. -0.00 min
Lab File: Y0417029.D
Acq: 17 Apr 2007 18:33

Tgt Ion:117 Resp: 6294

Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.2	118.2



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-019

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417030.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 18:58

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-019

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417030.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 18:58

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-019

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417030.D

Level: (LOW/MED) _____ Date Collected: 04/04/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/17/2007 18:58

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

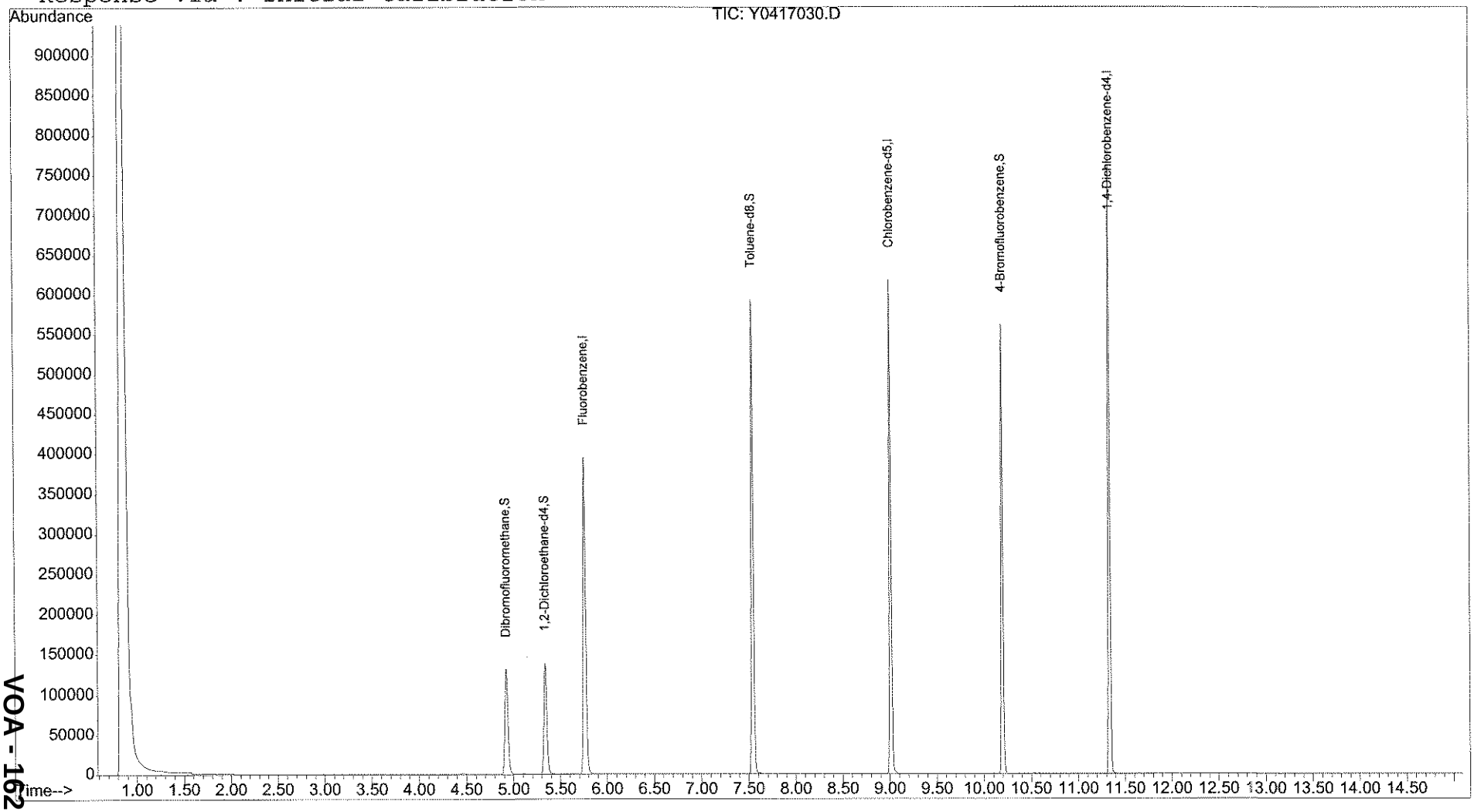
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041707\Y0417030.D Vial: 36
Acq On : 17 Apr 2007 18:58 Operator: LNH
Sample : JPL31-019 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:27 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 162

Quantitation Report

Data File : X:\MSVOA\YODA\041707\Y0417030.D Vial: 36
Acq On : 17 Apr 2007 18:58 Operator: LNH
Sample : JPL31-019 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:27 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : File name for IS QA unknown

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	352260	50.00 ug/l	0.00 NA%
50) Chlorobenzene-d5	9.01	82	152835	50.00 ug/l	0.00 NA%
70) 1,4-Dichlorobenzene-d4	11.34	152	168349	50.00 ug/l	0.00 NA%
System Monitoring Compounds					
33) Dibromofluoromethane	4.92	111	97097	45.56 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 91.12%		
37) 1,2-Dichloroethane-d4	5.34	65	108213	47.86 ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.72%		
51) Toluene-d8	7.54	98	346636	57.15 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 114.30%		
72) 4-Bromofluorobenzene	10.20	95	145407	59.78 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	96	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	0.00	56	0	N.D.	
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	0.00	43	0	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.22	76	495	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.36	40	59	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	0.00	84	0	N.D.	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
20) Acrylonitrile	0.00	53	0	N.D.	
21) Methyl tert-butyl ether	0.00	73	0	N.D.	
22) 1,1-Dichloroethane	0.00	63	0	N.D.	
23) Vinyl acetate	0.00	43	0	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\041707\Y0417030.D Vial: 36
Acq On : 17 Apr 2007 18:58 Operator: LNH
Sample : JPL31-019 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:27 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	0.00	77	0	N.D.	
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
27) 2-Butanone	0.00	43	0	N.D.	
28) Propionitrile	0.00	54	0	N.D.	
29) Bromochloromethane	0.00	128	0	N.D.	
30) Methacrylonitrile	0.00	41	0	N.D.	
31) Chloroform	4.71	83	313	N.D.	
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
34) Cyclohexane	0.00	56	0	N.D.	
35) Carbon Tetrachloride	5.11	117	777	N.D.	
36) 1,1-Dichloropropene	0.00	75	0	N.D.	
38) Benzene	0.00	78	0	N.D.	
39) 1,2-Dichloroethane	0.00	62	0	N.D.	
40) Isobutanol	0.00	43	0	N.D.	
41) Trichloroethene	0.00	130	0	N.D.	
42) Methylcyclohexane	0.00	83	0	N.D.	
43) 1,2-Dichloropropane	0.00	63	0	N.D.	
44) Dibromomethane	0.00	93	0	N.D.	
45) Methyl methacrylate	0.00	41	0	N.D.	
46) Bromodichloromethane	0.00	83	0	N.D.	
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49) 4-Methyl-2-pentanone	0.00	43	0	N.D.	d
52) Toluene	7.61	92	168	N.D.	
53) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54) Ethyl methacrylate	0.00	69	0	N.D.	
55) 1,1,2-Trichloroethane	0.00	97	0	N.D.	
56) Tetrachloroethene	0.00	166	0	N.D.	
57) 1,3-Dichloropropane	0.00	76	0	N.D.	
58) 2-Hexanone	0.00	43	0	N.D.	
59) Dibromochloromethane	0.00	129	0	N.D.	
60) 1,2-Dibromoethane	0.00	107	0	N.D.	
61) Chlorobenzene	0.00	112	0	N.D.	
62) 1-Chlorohexane	9.01	91	372	N.D.	
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64) Ethylbenzene	9.17	91	88	N.D.	
65) m,p-Xylene	9.30	106	121	N.D.	
66) o-xylene	0.00	106	0	N.D.	
67) Styrene	0.00	104	0	N.D.	
68) Bromoform	0.00	173	0	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\041707\Y0417030.D Vial: 36
Acq On : 17 Apr 2007 18:58 Operator: LNH
Sample : JPL31-019 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:27 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
69) Isopropylbenzene	10.20	105	71	N.D.	
71) trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73) Bromobenzene	0.00	156	0	N.D.	
74) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
75) 1,2,3-Trichloropropane	0.00	110	0	N.D.	
76) n-Propylbenzene	0.00	120	0	N.D.	
77) 2-Chlorotoluene	10.47	91	57	N.D.	
78) 4-Chlorotoluene	10.47	91	57	N.D.	
79) 1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80) tert-Butylbenzene	0.00	119	0	N.D.	
81) 1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
82) sec-butylbenzene	0.00	105	0	N.D.	
83) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
84) 4-Isopropyltoluene	11.34	119	196	N.D.	
85) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
86) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
87) n-Butylbenzene	11.74	91	135	N.D.	
88) 1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
90) Hexachlorobutadiene	0.00	225	0	N.D.	
91) Naphthalene	0.00	128	0	N.D.	
92) 1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-020

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417031.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 19:22

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-020

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417031.D

Level: (LOW/MED) _____ Date Collected: 04/04/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/17/2007 19:22

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL31 Run Sequence: R016916

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL31-020

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y0417031.D

Level: (LOW/MED) Date Collected: 04/04/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 19:22

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

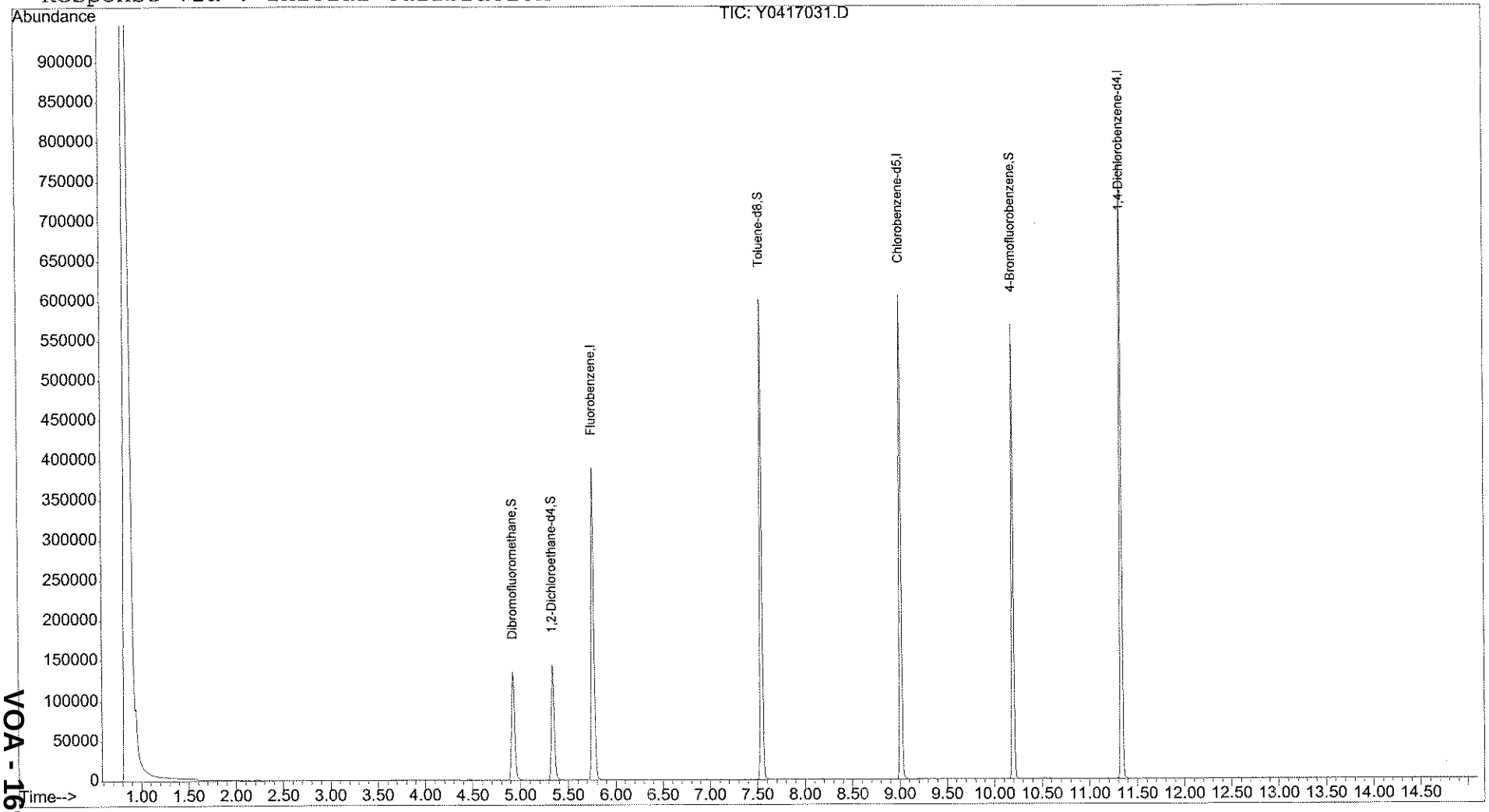
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\041707\Y0417031.D Vial: 37
Acq On : 17 Apr 2007 19:22 Operator: LNH
Sample : JPL31-020 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:28 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration



VOA - 169

Quantitation Report

Data File : X:\MSVOA\YODA\041707\Y0417031.D Vial: 37
Acq On : 17 Apr 2007 19:22 Operator: LNH
Sample : JPL31-020 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 7:28 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : File name for IS QA unknown

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	358518	50.00 ug/l	0.00 NA%
50) Chlorobenzene-d5	9.01	82	155830	50.00 ug/l	0.00 NA%
70) 1,4-Dichlorobenzene-d4	11.34	152	175473	50.00 ug/l	0.00 NA%
System Monitoring Compounds					
33) Dibromofluoromethane	4.93	111	98328	45.33 ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 90.66%		
37) 1,2-Dichloroethane-d4	5.34	65	109289	47.49 ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.98%		
51) Toluene-d8	7.54	98	351791	56.89 ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 113.78%		
72) 4-Bromofluorobenzene	10.20	95	149871	59.12 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	96	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) Acrolein	0.00	56	0	N.D.	
9) 1,1-Dichloroethene	0.00	96	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	0.00	43	0	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.22	76	2221	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	2.36	40	57	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	0.00	84	0	N.D.	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
20) Acrylonitrile	0.00	53	0	N.D.	
21) Methyl tert-butyl ether	0.00	73	0	N.D.	
22) 1,1-Dichloroethane	0.00	63	0	N.D.	
23) Vinyl acetate	0.00	43	0	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\041707\Y0417031.D
Acq On : 17 Apr 2007 19:22
Sample : JPL31-020
Misc : 5mL+IS/SS #3
MS Integration Params: rteint.p
Quant Time: Apr 18 7:28 2007

Vial: 37
Operator: LNH
Inst : yoda
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	0.00	78	0	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	0.00	92	0	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	0.00	112	0	N.D.		
62)	1-Chlorohexane	9.01	91	476	N.D.		
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.29	91	244	N.D.		
65)	m,p-Xylene	0.00	106	0	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\041707\Y0417031.D
Acq On : 17 Apr 2007 19:22
Sample : JPL31-020
Misc : 5mL+IS/SS #3
MS Integration Params: rteint.p
Quant Time: Apr 18 7:28 2007

Vial: 37
Operator: LNH
Inst : yoda
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Last Update : Tue Mar 20 10:56:50 2007
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69)	Isopropylbenzene	10.20	105	174	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	0.00	91	0	N.D.		
78)	4-Chlorotoluene	0.00	91	0	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
82)	sec-butylbenzene	0.00	105	0	N.D.		
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
84)	4-Isopropyltoluene	11.34	119	207	N.D.		
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	11.74	91	146	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

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

TICS SUMMARY

SDG JPL31

VOLATILES ANALYSIS

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B041507MVOWY1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016855

Matrix: (SOIL/WATER) Water

Lab Sample ID: B041507MVOWY1

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0415009.D

Level: (LOW/MED)

Date Collected:

% Moisture: not dec.

Date Analyzed: 04/15/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041507\Y0415009.D Vial: 22
Acq On : 15 Apr 2007 13:48 Operator: LH
Sample : B041507MVOWY1 Inst : yoda
Misc : 5mLpfw+IS/SS(MV8-38-1) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0415009.D 8260B.M Mon Apr 16 15:53:22 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
B041707MVOWY1

Lab Name: Laucks Testing Laboratories, Inc
Contract: JPL Groundwater Monitorin

SDG No.: JPL31
Run Sequence: R016916

Matrix: (SOIL/WATER) Water
Lab Sample ID: B041707MVOWY1

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: Y0417016.D

Level: (LOW/MED)
Date Collected:

% Moisture: not dec.
Date Analyzed: 04/17/2007

GC Column: DB-624 20m ID: 0.18 (mm)
Dilution Factor: 1.0

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

Number TICs Found: 0
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041707\Y0417016.D Vial: 23
Acq On : 17 Apr 2007 13:14 Operator: LNH
Sample : B041707MVOWY1 Inst : yoda
Misc : 5mLpfw+IS/SS(MV8-38-11) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0417016.D 8260B.M Thu Apr 19 18:48:41 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-4-3

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016855

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-001

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0415012.D

Level: (LOW/MED)

Date Collected: 04/04/2007

% Moisture: not dec.

Date Analyzed: 04/15/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
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21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041507\Y0415012.D Vial: 25
Acq On : 15 Apr 2007 15:49 Operator: LH
Sample : JPL31-001 Inst : yoda
Misc : 5mL+IS/SS #6 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0415012.D 8260B.M Mon Apr 16 15:53:54 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-4-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016855

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-002

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0415013.D

Level: (LOW/MED)

Date Collected: 04/04/2007

% Moisture: not dec.

Date Analyzed: 04/15/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
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12					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041507\Y0415013.D Vial: 26
Acq On : 15 Apr 2007 16:14 Operator: LH
Sample : JPL31-002 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0415013.D 8260B.M Mon Apr 16 15:54:04 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-4-1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016855

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-003

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0415014.D

Level: (LOW/MED)

Date Collected: 04/04/2007

% Moisture: not dec.

Date Analyzed: 04/15/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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29					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041507\Y0415014.D Vial: 27
Acq On : 15 Apr 2007 16:38 Operator: LH
Sample : JPL31-003 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0415014.D 8260B.M Mon Apr 16 15:54:24 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-6-4/3/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016855

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-004

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0415015.D

Level: (LOW/MED)

Date Collected: 04/04/2007

% Moisture: not dec.

Date Analyzed: 04/15/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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29					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041507\Y0415015.D Vial: 28
Acq On : 15 Apr 2007 17:02 Operator: LH
Sample : JPL31-004 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0415015.D 8260B.M Mon Apr 16 15:54:32 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-6-4/3/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016855

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-005

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0415010.D

Level: (LOW/MED)

Date Collected: 04/04/2007

% Moisture: not dec.

Date Analyzed: 04/15/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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04					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041507\Y0415010.D Vial: 23
Acq On : 15 Apr 2007 15:00 Operator: LH
Sample : JPL31-005 TB Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0415010.D 8260B.M Mon Apr 16 15:53:35 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-11-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016855

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-006

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0415016.D

Level: (LOW/MED)

Date Collected: 04/04/2007

% Moisture: not dec.

Date Analyzed: 04/15/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041507\Y0415016.D Vial: 29
Acq On : 15 Apr 2007 17:27 Operator: LH
Sample : JPL31-006 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0415016.D 8260B.M Mon Apr 16 15:55:03 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-11-3

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016855

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-007

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0415017.D

Level: (LOW/MED)

Date Collected: 04/04/2007

% Moisture: not dec.

Date Analyzed: 04/15/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041507\Y0415017.D Vial: 30
Acq On : 15 Apr 2007 17:51 Operator: LH
Sample : JPL31-007 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0415017.D 8260B.M Mon Apr 16 15:55:17 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-11-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016855

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-008

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0415018.D

Level: (LOW/MED)

Date Collected: 04/04/2007

% Moisture: not dec.

Date Analyzed: 04/15/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041507\Y0415018.D Vial: 31
Acq On : 15 Apr 2007 18:15 Operator: LH
Sample : JPL31-008 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0415018.D 8260B.M Mon Apr 16 15:55:38 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-11-1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016855

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-009

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0415019.D

Level: (LOW/MED)

Date Collected: 04/04/2007

% Moisture: not dec.

Date Analyzed: 04/15/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041507\Y0415019.D Vial: 32
Acq On : 15 Apr 2007 18:40 Operator: LH
Sample : JPL31-009 Inst : yoda
Misc : 5mL+IS/SS #4 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0415019.D 8260B.M Mon Apr 16 15:55:50 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-23-3

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016855

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-011

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0415020.D

Level: (LOW/MED)

Date Collected: 04/05/2007

% Moisture: not dec.

Date Analyzed: 04/15/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041507\Y0415020.D Vial: 33
Acq On : 15 Apr 2007 19:05 Operator: LH
Sample : JPL31-011 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0415020.D 8260B.M Mon Apr 16 15:56:12 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-23-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016916

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-012

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0417024.D

Level: (LOW/MED)

Date Collected: 04/05/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041707\Y0417024.D Vial: 30
Acq On : 17 Apr 2007 16:31 Operator: LNH
Sample : JPL31-012 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0417024.D 8260B.M Wed Apr 18 07:52:40 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-23-1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016916

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-013

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0417025.D

Level: (LOW/MED)

Date Collected: 04/05/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041707\Y0417025.D Vial: 31
Acq On : 17 Apr 2007 16:55 Operator: LNH
Sample : JPL31-013 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0417025.D 8260B.M Wed Apr 18 07:52:47 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-7-4/4/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016916

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-014

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0417026.D

Level: (LOW/MED)

Date Collected: 04/05/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
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29					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041707\Y0417026.D Vial: 32
Acq On : 17 Apr 2007 17:20 Operator: LNH
Sample : JPL31-014 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0417026.D 8260B.M Wed Apr 18 07:52:58 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-7-4/4/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016855

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-015

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0415011.D

Level: (LOW/MED)

Date Collected: 04/05/2007

% Moisture: not dec.

Date Analyzed: 04/15/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041507\Y0415011.D Vial: 24
Acq On : 15 Apr 2007 15:25 Operator: LH
Sample : JPL31-015 TB Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0415011.D 8260B.M Mon Apr 16 15:53:45 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-12-5

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016916

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-016

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0417027.D

Level: (LOW/MED)

Date Collected: 04/05/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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18					
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28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041707\Y0417027.D Vial: 33
Acq On : 17 Apr 2007 17:44 Operator: LNH
Sample : JPL31-016 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0417027.D 8260B.M Wed Apr 18 07:53:04 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-12-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016916

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-017

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0417028.D

Level: (LOW/MED)

Date Collected: 04/05/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
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18					
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22					
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24					
25					
26					
27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041707\Y0417028.D Vial: 34
Acq On : 17 Apr 2007 18:09 Operator: LNH
Sample : JPL31-017 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0417028.D 8260B.M Wed Apr 18 07:53:11 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-12-3

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016916

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-018

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0417029.D

Level: (LOW/MED)

Date Collected: 04/05/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
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23					
24					
25					
26					
27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041707\Y0417029.D Vial: 35
Acq On : 17 Apr 2007 18:33 Operator: LNH
Sample : JPL31-018 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0417029.D 8260B.M Wed Apr 18 07:53:18 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-12-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016916

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-019

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0417030.D

Level: (LOW/MED)

Date Collected: 04/05/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041707\Y0417030.D Vial: 36
Acq On : 17 Apr 2007 18:58 Operator: LNH
Sample : JPL31-019 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0417030.D 8260B.M Wed Apr 18 07:53:26 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-12-1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL31

Run Sequence: R016916

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL31-020

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y0417031.D

Level: (LOW/MED)

Date Collected: 04/05/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
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30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\YODA\041707\Y0417031.D Vial: 37
Acq On : 17 Apr 2007 19:22 Operator: LNH
Sample : JPL31-020 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973Y
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y0417031.D 8260B.M Wed Apr 18 07:53:33 2007

Metals Data

JPL31

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL31

SOW No.:

Sample No.	Lab Sample ID
MW-4-3	JPL31-001
MW-4-3D	JPL31-001D
MW-4-3MS	JPL31-001MS
MW-4-2	JPL31-002
MW-4-1	JPL31-003
EB-6-4/3/07	JPL31-004
MW-11-3	JPL31-007
MW-11-3MS	JPL31-007MS
MW-11-3MSD	JPL31-007MSD
MW-11-2	JPL31-008
MW-11-1	JPL31-009
MW-23-4	JPL31-010
MW-23-3	JPL31-011
MW-23-3MS	JPL31-011MS
MW-23-3MSD	JPL31-011MSD
MW-23-2	JPL31-012
MW-23-1	JPL31-013
EB-7-4/4/07	JPL31-014
EB-7-4/4/07MS	JPL31-014MS
EB-7-4/4/07MSD	JPL31-014MSD
MW-12-3	JPL31-018

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No NO

If yes-was raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is technically complete, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Bill Ambacher Name: Bill Ambacher

Date: 4/27/07 Title: Inorganics/Metals Manager

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL31

SOW No.:

Sample No.	Lab Sample ID
MW-12-2	JPL31-019
MW-12-1	JPL31-020

Were ICP interelement corrections applied?	Yes/No	YES
Were ICP background corrections applied?	Yes/No	NO
If yes-was raw data generated before application of background corrections?	Yes/No	NO

Comments:

I certify that this data package is technically complete, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Bill Ambacher Name: Bill Ambacher

Date: 4/27/07 Title: Inorganics/Metals Manager

Metals Analysis Data Sheets

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-4-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL31

Matrix (soil/water): Water Lab Sample ID: JPL31-001

Level (low/med): LOW Date Received: 04/04/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.98			M	R016781

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-4-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL31

Matrix (soil/water): Water Lab Sample ID: JPL31-002

Level (low/med): LOW Date Received: 04/04/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.82			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-4-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL31

Matrix (soil/water): Water Lab Sample ID: JPL31-003

Level (low/med): LOW Date Received: 04/04/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.71			M	R016781

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-6-4/3/07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL31

Matrix (soil/water): Water Lab Sample ID: JPL31-004

Level (low/med): LOW Date Received: 04/04/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.39			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-11-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL31

Matrix (soil/water): Water Lab Sample ID: JPL31-007

Level (low/med): LOW Date Received: 04/04/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-11-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL31

Matrix (soil/water): Water Lab Sample ID: JPL31-008

Level (low/med): LOW Date Received: 04/04/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-11-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL31

Matrix (soil/water): Water Lab Sample ID: JPL31-009

Level (low/med): LOW Date Received: 04/04/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-23-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL31

Matrix (soil/water): Water Lab Sample ID: JPL31-010

Level (low/med): LOW Date Received: 04/05/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.47			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-23-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL31

Matrix (soil/water): Water Lab Sample ID: JPL31-011

Level (low/med): LOW Date Received: 04/05/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.13			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-23-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL31

Matrix (soil/water): Water Lab Sample ID: JPL31-012

Level (low/med): LOW Date Received: 04/05/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.02			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-23-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL31

Matrix (soil/water): Water Lab Sample ID: JPL31-013

Level (low/med): LOW Date Received: 04/05/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.77			M	R016781

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-7-4/4/07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL31

Matrix (soil/water): Water Lab Sample ID: JPL31-014

Level (low/med): LOW Date Received: 04/05/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.60			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-12-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL31

Matrix (soil/water): Water Lab Sample ID: JPL31-018

Level (low/med): LOW Date Received: 04/05/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-12-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL31

Matrix (soil/water): Water Lab Sample ID: JPL31-019

Level (low/med): LOW Date Received: 04/05/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.22			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-12-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL31

Matrix (soil/water): Water Lab Sample ID: JPL31-020

Level (low/med): LOW Date Received: 04/05/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.11			M	R016724

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

Miscellaneous Inorganic Data

JPL31

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LAUCKS TESTING LABS, INC.

Lab Code: LAUCKS SDG No.: JPL31

Client Identification	Lab Sample Work Order Number
MW-4-3	JPL31-001DL
MW-4-3MS	JPL31-001MS
MW-4-3MSD	JPL31-001MSD
MW-4-2	JPL31-002DL
MW-4-1	JPL31-003DL
EB-6-4/3/07	JPL31-004
MW-11-4	JPL31-006
MW-11-3	JPL31-007DL
MW-11-3MS	JPL31-007MS
MW-11-3MSD	JPL31-007MSD
MW-11-2	JPL31-008DL
MW-11-1	JPL31-009
MW-11-1MS	JPL31-009MS
MW-11-1MSD	JPL31-009MSD
MW-23-3	JPL31-011DL
MW-23-3MS	JPL31-011MS
MW-23-3MSD	JPL31-011MSD
MW-23-2	JPL31-012DL
MW-23-1	JPL31-013DL
EB-7-4/4/07	JPL31-014
EB-7-4/4/07MS	JPL31-014MS

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Jennifer Penner

Date: 4-25-07 Title: Inorganics Lead

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LAUCKS TESTING LABS, INC.

Lab Code: LAUCKS SDG No.: JPL31

Client Identification	Lab Sample Work Order Number
EB-7-4/4/07MSD	JPL31-014MSD
MW-12-5	JPL31-016DL
MW-12-4	JPL31-017DL
MW-12-3	JPL31-018DL
MW-12-2	JPL31-019DL
MW-12-1	JPL31-020DL

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Jennifer Penner

Date: 4-25-07 Title: Inorganics Lead

Inorganic Analysis Data Sheets

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL31		
Sample Number:	MW-4-3	**Date/Time Collected:**	04/03/2007 07:44
Lab Sample ID:	JPL31-001	**Date/Time Received:**	04/04/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/17/2007	04/18/2007	R016894

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL31		
Sample Number:	MW-4-2	**Date/Time Collected:**	04/03/2007 08:37
Lab Sample ID:	JPL31-002	**Date/Time Received:**	04/04/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	04/17/2007	04/18/2007	R016894

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL31		
Sample Number:	MW-4-1	**Date/Time Collected:**	04/03/2007 09:10
Lab Sample ID:	JPL31-003	**Date/Time Received:**	04/04/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	280		4.0	0.56	04/17/2007	04/18/2007	R016894

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL31		
Sample Number:	EB-6-4/3/07	**Date/Time Collected:**	04/03/2007 08:59
Lab Sample ID:	JPL31-004	**Date/Time Received:**	04/04/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	1	1.0	U	1.0	0.14	04/17/2007	04/18/2007	R016894

INO - 8

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL31		
Sample Number:	MW-11-4	**Date/Time Collected:**	04/03/2007 10:19
Lab Sample ID:	JPL31-006	**Date/Time Received:**	04/04/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	1	1.0	U	1.0	0.14	04/17/2007	04/18/2007	R016894

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL31		
Sample Number:	MW-11-3	**Date/Time Collected:**	04/03/2007 10:50
Lab Sample ID:	JPL31-007	**Date/Time Received:**	04/04/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/17/2007	04/18/2007	R016894

INO - 10

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL31		
Sample Number:	MW-11-2	**Date/Time Collected:**	04/03/2007 11:38
Lab Sample ID:	JPL31-008	**Date/Time Received:**	04/04/2007 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/17/2007	04/18/2007	R016894

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Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle **Project:** JPL Groundwater Monitoring

SDG Number: JPL31

Sample Number: MW-11-1 **Date/Time Collected:** 04/03/2007 12:05

Lab Sample ID: JPL31-009 **Date/Time Received:** 04/04/2007 09:00

Method: E300.0 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Nitrate - N	14797-55-8	1	1.5		0.040	0.055	04/04/2007	04/05/2007	R016516
Nitrite - N	14797-65-0	1	0.050	U	0.050	0.017	04/04/2007	04/05/2007	R016516
Sulfate as SO4	14808-79-8	10	47		10	1.7	04/04/2007	04/05/2007	R016516
Orthophosphate	7723-14-0	1	0.10	U	0.10	0.33	04/04/2007	04/05/2007	R016516
Chloride	16887-00-6	10	24		2.0	0.76	04/06/2007	04/06/2007	R016613

Method: E314.0 **Unit:** ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2.5	2.5	U	2.5	0.35	04/17/2007	04/18/2007	R016894

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL31		
Sample Number:	MW-23-3	**Date/Time Collected:**	04/04/2007 08:22
Lab Sample ID:	JPL31-011	**Date/Time Received:**	04/05/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/17/2007	04/18/2007	R016894

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL31		
Sample Number:	MW-23-2	**Date/Time Collected:**	04/04/2007 09:10
Lab Sample ID:	JPL31-012	**Date/Time Received:**	04/05/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	7.9		4.0	0.56	04/17/2007	04/18/2007	R016894

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL31		
Sample Number:	MW-23-1	**Date/Time Collected:**	04/04/2007 09:44
Lab Sample ID:	JPL31-013	**Date/Time Received:**	04/05/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	04/17/2007	04/18/2007	R016894

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL31		
Sample Number:	EB-7-4/4/07	**Date/Time Collected:**	04/04/2007 09:33
Lab Sample ID:	JPL31-014	**Date/Time Received:**	04/05/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	1	1.0	U	1.0	0.14	04/17/2007	04/18/2007	R016894

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL31		
Sample Number:	MW-12-5	**Date/Time Collected:**	04/04/2007 11:02
Lab Sample ID:	JPL31-016	**Date/Time Received:**	04/05/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/17/2007	04/18/2007	R016894

INO - 17

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL31		
Sample Number:	MW-12-4	**Date/Time Collected:**	04/04/2007 11:22
Lab Sample ID:	JPL31-017	**Date/Time Received:**	04/05/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	3.2		2.0	0.28	04/17/2007	04/18/2007	R016894

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL31		
Sample Number:	MW-12-3	**Date/Time Collected:**	04/04/2007 11:46
Lab Sample ID:	JPL31-018	**Date/Time Received:**	04/05/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/17/2007	04/18/2007	R016894

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL31		
Sample Number:	MW-12-2	**Date/Time Collected:**	04/04/2007 12:13
Lab Sample ID:	JPL31-019	**Date/Time Received:**	04/05/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2.5	2.5	U	2.5	0.35	04/17/2007	04/18/2007	R016894

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL31		
Sample Number:	MW-12-1	**Date/Time Collected:**	04/04/2007 13:03
Lab Sample ID:	JPL31-020	**Date/Time Received:**	04/05/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/17/2007	04/18/2007	R016894

SAMPLE DATA

SDG JPL32

VOLATILES ANALYSIS

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417010.D

Level: (LOW/MED) Date Collected: 04/05/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 11:12

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417010.D

Level: (LOW/MED) Date Collected: 04/05/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 11:12

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	0.95	J
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-3

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL32-002

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417010.D

Level: (LOW/MED)

Date Collected: 04/05/2007

% Moisture: not dec.

Date/Time Analyzed: 04/17/2007 11:12

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

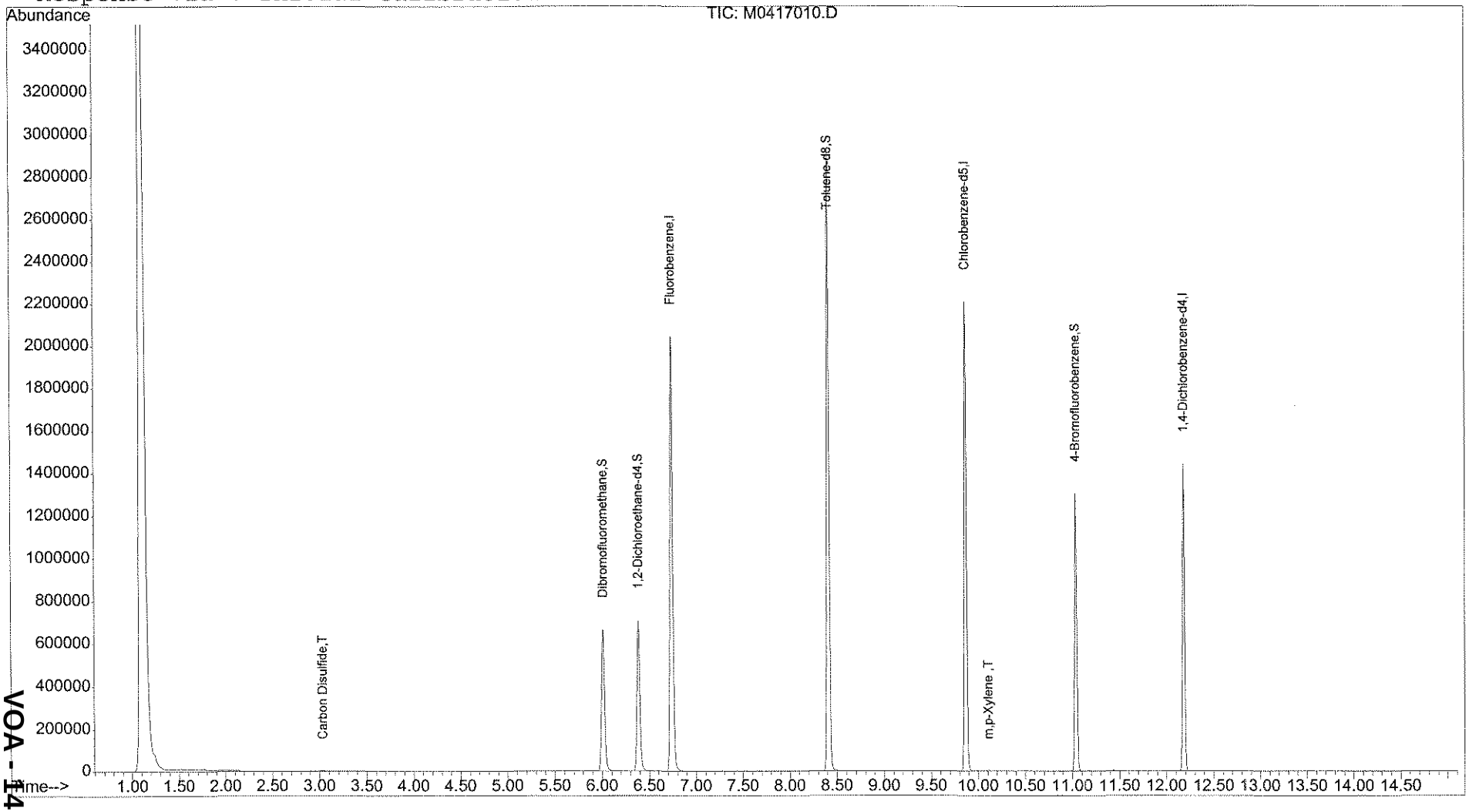
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417010.D Vial: 55
Acq On : 17 Apr 2007 11:12 Operator: DGA
Sample : JPL32-002 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:07 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417010.D Vial: 55
Acq On : 17 Apr 2007 11:12 Operator: DGA
Sample : JPL32-002 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:07 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1983740	50.00	ug/l	0.00 101.63%
50) Chlorobenzene-d5	9.86	82	651534	50.00	ug/l	0.00 92.64%
70) 1,4-Dichlorobenzene-d4	12.18	152	344928	50.00	ug/l	0.00 88.62%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	466100	49.80	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.60%			
37) 1,2-Dichloroethane-d4	6.38	65	528039	49.29	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.58%			
51) Toluene-d8	8.41	98	1912415	53.15	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 106.30%			
72) 4-Bromofluorobenzene	11.04	95	391156	54.98	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 109.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.43	50	120	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.85	96	60	N.D.		
6) Chloroethane	1.95	64	60	N.D.		
7) Trichlorofluoromethane	2.20	101	68	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	2.98	43	295	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.03	76	7835	0.40	ug/l	100
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	3.33	43	59	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	3.87	96	142	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	4.60	63	57	N.D.		

(#) = qualifier out of range (m) = manual integration
M0417010.D 8260B.M Wed Apr 25 09:07:59 2007

8 04/25/07

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417010.D Vial: 55
Acq On : 17 Apr 2007 11:12 Operator: DGA
Sample : JPL32-002 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:07 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) Vinyl acetate	4.67	43	55	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	0.00	77	0	N.D.	
26) cis-1,2-Dichloroethene	5.37	96	121	N.D.	
27) 2-Butanone	5.54	43	196	N.D.	
28) Propionitrile	0.00	54	0	N.D.	
29) Bromochloromethane	0.00	128	0	N.D.	
30) Methacrylonitrile	5.78	41	61	N.D.	
31) Chloroform	0.00	83	0	N.D.	
32) 1,1,1-Trichloroethane	5.94	97	62	N.D.	
34) Cyclohexane	6.01	56	61	N.D.	
35) Carbon Tetrachloride	6.14	117	69	N.D.	
36) 1,1-Dichloropropene	6.15	75	393	N.D.	
38) Benzene	6.43	78	1556	N.D.	
39) 1,2-Dichloroethane	0.00	62	0	N.D.	
40) Isobutanol	0.00	43	0	N.D.	d
41) Trichloroethene	7.16	130	371	N.D.	
42) Methylcyclohexane	7.30	83	379	N.D.	
43) 1,2-Dichloropropane	7.38	63	58	N.D.	
44) Dibromomethane	0.00	93	0	N.D.	
45) Methyl methacrylate	7.50	41	55	N.D.	
46) Bromodichloromethane	0.00	83	0	N.D.	
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48) cis-1,3-Dichloropropene	8.17	75	57	N.D.	
49) 4-Methyl-2-pentanone	0.00	43	0	N.D.	d
52) Toluene	8.47	92	1204	N.D.	
53) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54) Ethyl methacrylate	0.00	69	0	N.D.	
55) 1,1,2-Trichloroethane	8.78	97	57	N.D.	
56) Tetrachloroethene	9.02	166	431	N.D.	
57) 1,3-Dichloropropane	9.09	76	59	N.D.	
58) 2-Hexanone	0.00	43	0	N.D.	d
59) Dibromochloromethane	0.00	129	0	N.D.	
60) 1,2-Dibromoethane	0.00	107	0	N.D.	
61) Chlorobenzene	9.89	112	797	N.D.	
62) 1-Chlorohexane	0.00	91	0	N.D.	d
63) 1,1,1,2-Tetrachloroethane	10.10	131	93	N.D.	
64) Ethylbenzene	9.98	91	2003	N.D.	
65) m,p-Xylene	10.11	106	1588	0.95 ug/l	88
66) o-xylene	10.50	106	480	N.D.	
67) Styrene	10.53	104	558	N.D.	

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

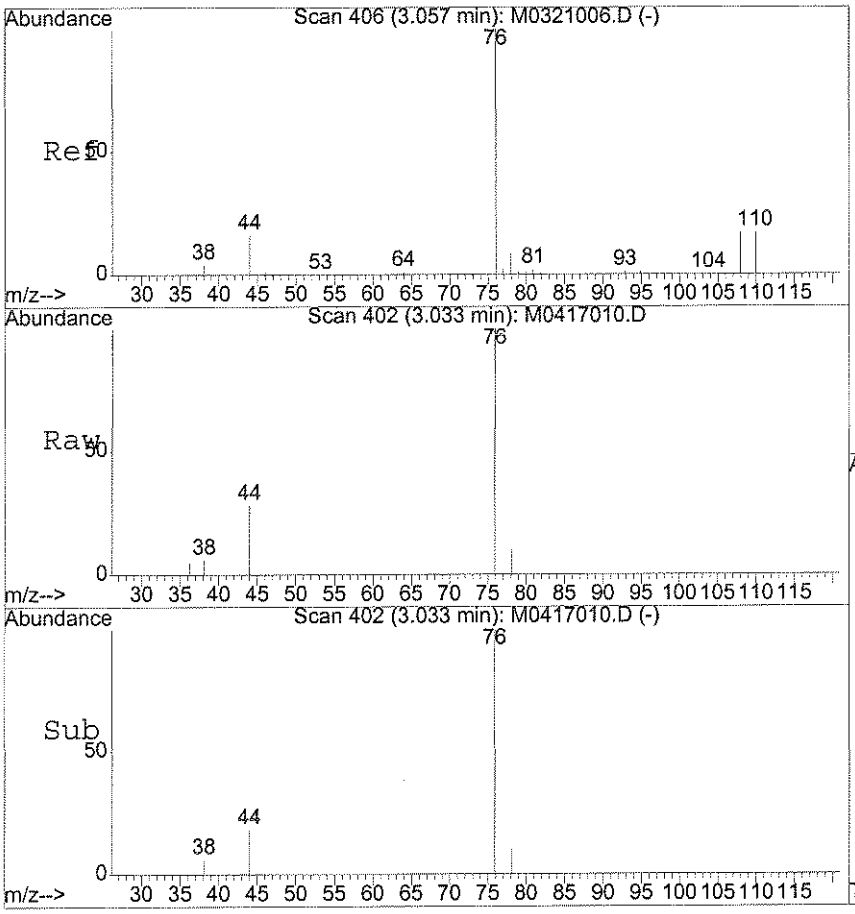
Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417010.D Vial: 55
Acq On : 17 Apr 2007 11:12 Operator: DGA
Sample : JPL32-002 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:07 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

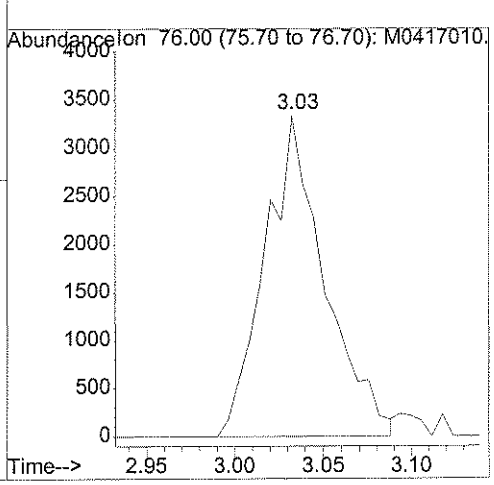
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.74	173	69	N.D.		
69)	Isopropylbenzene	10.86	105	780	N.D.		
71)	trans-1,4-Dichloro-2-buten	10.77	53	64	N.D.		
73)	Bromobenzene	11.19	156	137	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.12	83	78	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.	d	
76)	n-Propylbenzene	11.28	120	216	N.D.		
77)	2-Chlorotoluene	11.37	91	532	N.D.		
78)	4-Chlorotoluene	11.48	91	784	N.D.		
79)	1,3,5-Trimethylbenzene	11.45	105	451	N.D.		
80)	tert-Butylbenzene	11.77	119	610	N.D.		
81)	1,2,4-Trimethylbenzene	11.82	105	685	N.D.		
82)	sec-butylbenzene	11.98	105	1062	N.D.		
83)	1,3-Dichlorobenzene	12.12	146	454	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.21	146	786	N.D.		
86)	1,2-Dichlorobenzene	12.58	146	303	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d	
90)	Hexachlorobutadiene	14.31	225	409	N.D.		
91)	Naphthalene	0.00	128	0	N.D.	d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	d	

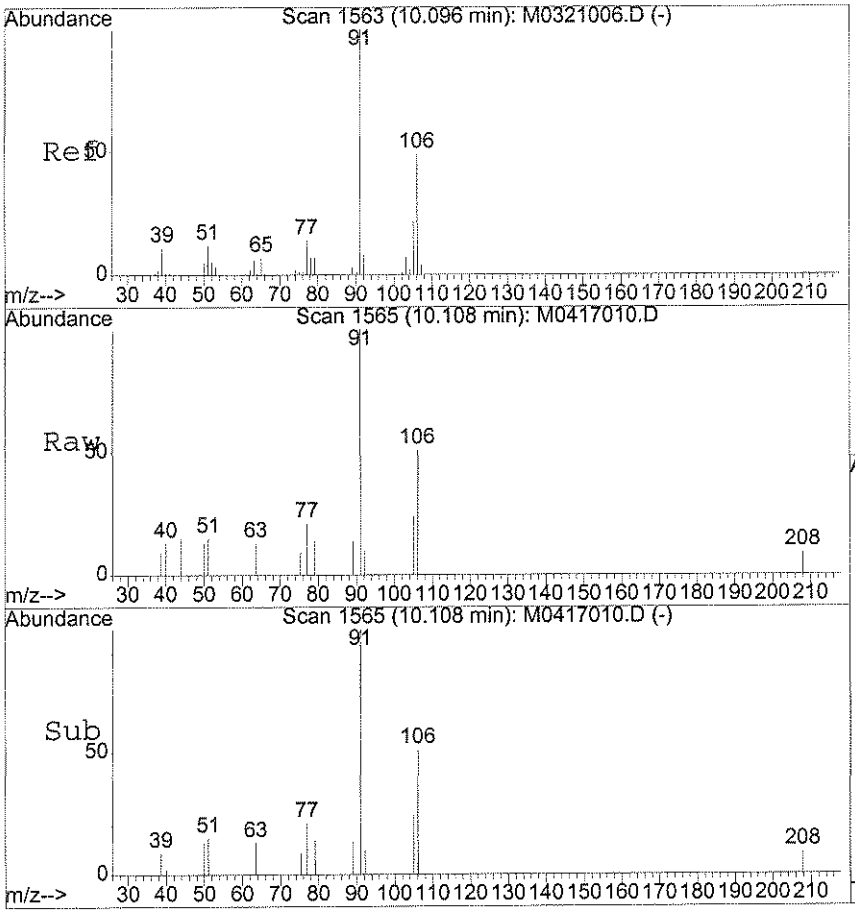
(#) = qualifier out of range (m) = manual integration



#14
Carbon Disulfide
Concen: 0.40 ug/l
RT: 3.03 min Scan# 402
Delta R.T. 0.01 min
Lab File: M0417010.D
Acq: 17 Apr 2007 11:12

Tgt Ion: 76 Resp: 7835

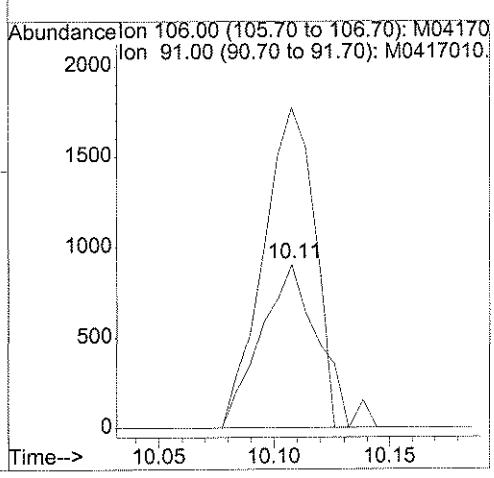




#65
m,p-Xylene
Concen: 0.95 ug/l
RT: 10.11 min Scan# 1565
Delta R.T. -0.00 min
Lab File: M0417010.D
Acq: 17 Apr 2007 11:12

Tgt Ion:106 Resp: 1588

Ion	Ratio	Lower	Upper
106	100		
91	172.0	169.6	209.6



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417011.D

Level: (LOW/MED) Date Collected: 04/05/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 11:37

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.72	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	1.5	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.34	J
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417011.D

Level: (LOW/MED) Date Collected: 04/05/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 11:37

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417011.D

Level: (LOW/MED) _____ Date Collected: 04/05/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/17/2007 11:37

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

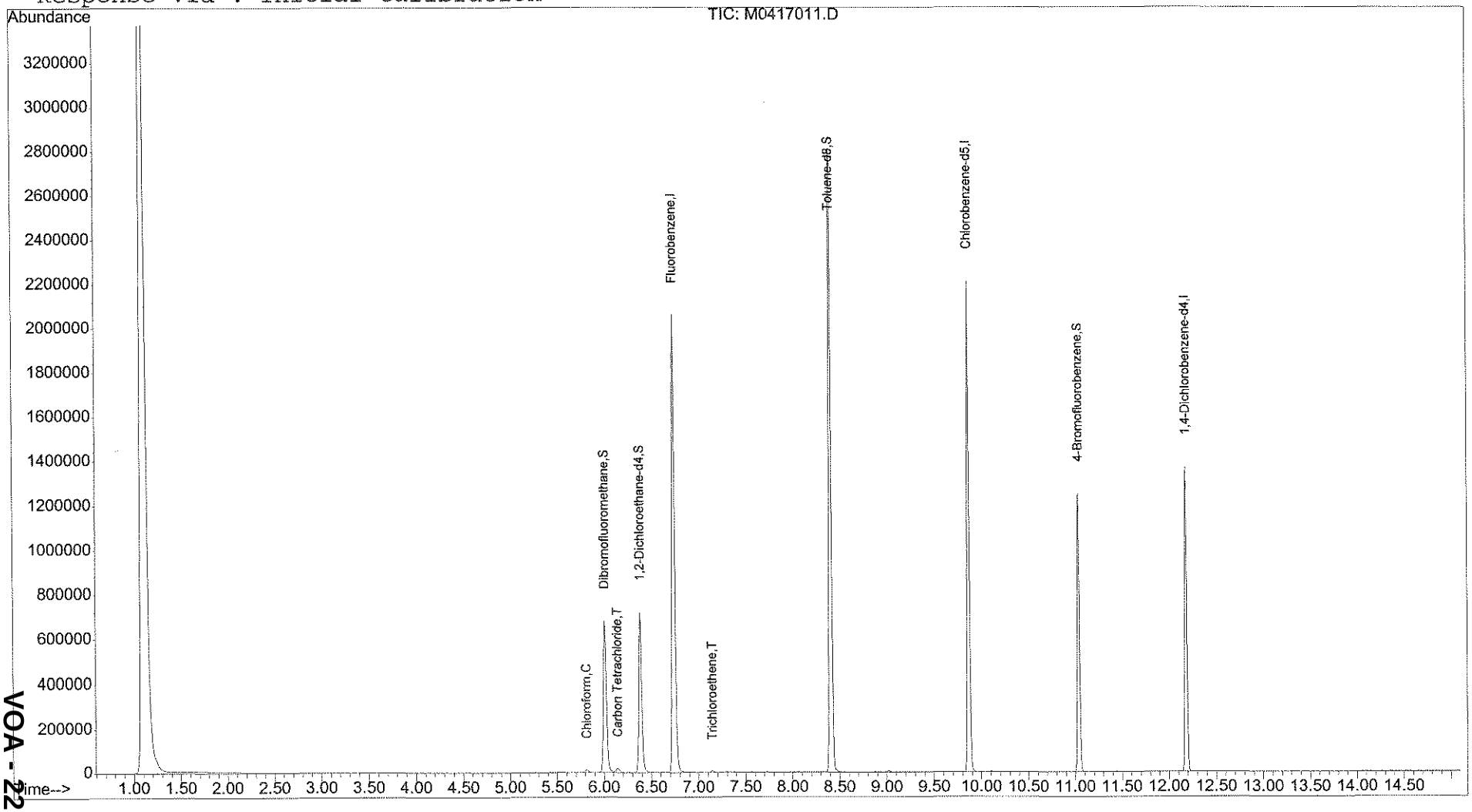
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417011.D Vial: 56
Acq On : 17 Apr 2007 11:37 Operator: DGA
Sample : JPL32-003 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 10:12 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



VOA - 22

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417011.D Vial: 56
Acq On : 17 Apr 2007 11:37 Operator: DGA
Sample : JPL32-003 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 10:12 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1969022	50.00	ug/l	0.00 100.88%
50) Chlorobenzene-d5	9.87	82	642952	50.00	ug/l	0.00 91.42%
70) 1,4-Dichlorobenzene-d4	12.18	152	342296	50.00	ug/l	0.00 87.94%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	466045	50.17	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.34%			
37) 1,2-Dichloroethane-d4	6.39	65	534752	50.29	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.58%			
51) Toluene-d8	8.41	98	1889064	53.20	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 106.40%			
72) 4-Bromofluorobenzene	11.04	95	389726	55.20	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 110.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.81	96	95	N.D.		
6) Chloroethane	1.93	64	60	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	2.69	56	62	N.D.		
9) 1,1-Dichloroethene	2.79	96	495	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.03	76	2210	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	3.36	43	58	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	3.90	53	69	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	4.54	63	1302	N.D.		

(#) = qualifier out of range (m) = manual integration
M0417011.D 8260B.M Wed Apr 25 10:12:33 2007

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417011.D Vial: 56
Acq On : 17 Apr 2007 11:37 Operator: DGA
Sample : JPL32-003 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 10:12 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) Vinyl acetate	0.00	43	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	5.43	77	57	N.D.	
26) cis-1,2-Dichloroethene	5.32	96	57	N.D.	
27) 2-Butanone	0.00	43	0	N.D.	
28) Propionitrile	5.51	54	60	N.D.	
29) Bromochloromethane	5.64	128	55	N.D.	
30) Methacrylonitrile	5.60	41	55	N.D.	
31) Chloroform	5.81	83	11449	0.72 ug/l	99
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
34) Cyclohexane	5.99	56	60	N.D.	
35) Carbon Tetrachloride	6.14	117	13991	1.49 ug/l	100
36) 1,1-Dichloropropene	6.16	75	61	N.D.	
38) Benzene	6.40	78	1304	N.D.	
39) 1,2-Dichloroethane	0.00	62	0	N.D.	
40) Isobutanol	0.00	43	0	N.D. d	
41) Trichloroethene	7.15	130	3001	0.34 ug/l #	53
42) Methylcyclohexane	7.31	83	69	N.D.	
43) 1,2-Dichloropropane	0.00	63	0	N.D.	
44) Dibromomethane	0.00	93	0	N.D.	
45) Methyl methacrylate	0.00	41	0	N.D.	
46) Bromodichloromethane	7.71	83	65	N.D.	
47) 2-Chloroethyl vinyl ether	7.86	63	66	N.D.	
48) cis-1,3-Dichloropropene	8.24	75	78	N.D.	
49) 4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52) Toluene	8.47	92	981	N.D.	
53) trans-1,3-Dichloropropene	8.69	75	58	N.D.	
54) Ethyl methacrylate	0.00	69	0	N.D.	
55) 1,1,2-Trichloroethane	8.89	97	73	N.D.	
56) Tetrachloroethene	9.03	166	1446	N.D.	
57) 1,3-Dichloropropane	0.00	76	0	N.D.	
58) 2-Hexanone	0.00	43	0	N.D. d	
59) Dibromochloromethane	0.00	129	0	N.D.	
60) 1,2-Dibromoethane	0.00	107	0	N.D.	
61) Chlorobenzene	9.90	112	374	N.D.	
62) 1-Chlorohexane	0.00	91	0	N.D. d	
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64) Ethylbenzene	9.99	91	849	N.D.	
65) m,p-Xylene	0.00	106	0	N.D. d	
66) o-xylene	10.50	106	302	N.D.	
67) Styrene	10.52	104	262	N.D.	

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

04/26/07

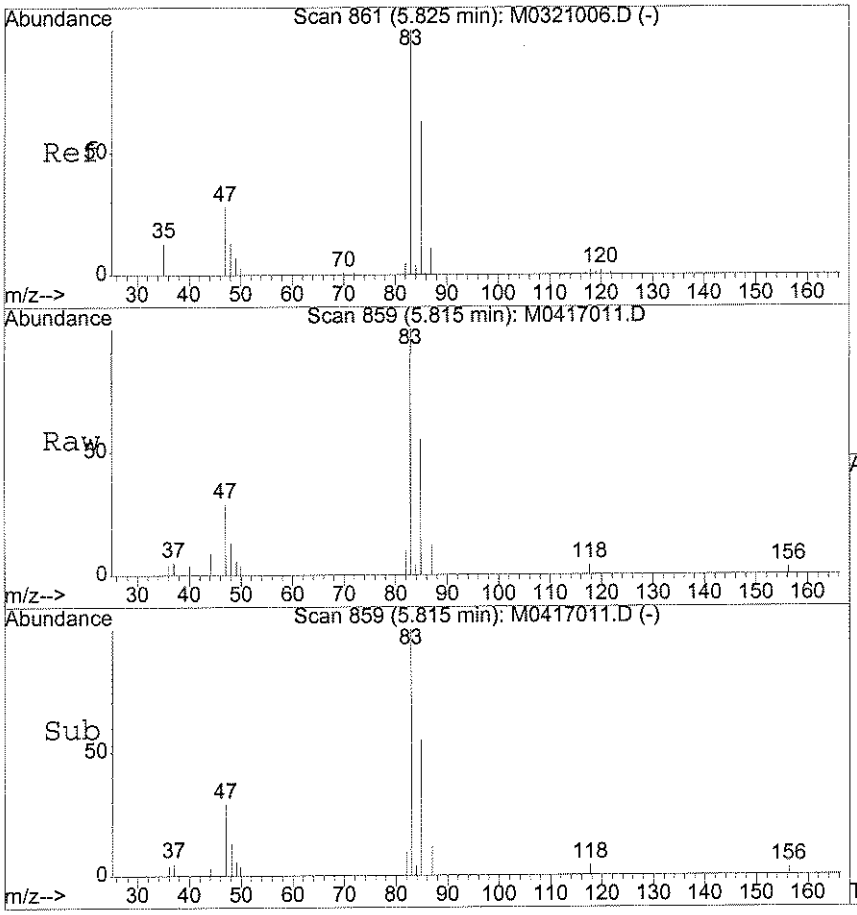
Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417011.D Vial: 56
Acq On : 17 Apr 2007 11:37 Operator: DGA
Sample : JPL32-003 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 10:12 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.75	173	182	N.D.		
69)	Isopropylbenzene	10.86	105	241	N.D.		
71)	trans-1,4-Dichloro-2-buten	11.06	53	60	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.04	83	314	N.D.		
75)	1,2,3-Trichloropropane	11.03	110	213	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	11.36	91	168	N.D.		
78)	4-Chlorotoluene	11.48	91	425	N.D.		
79)	1,3,5-Trimethylbenzene	11.44	105	436	N.D.		
80)	tert-Butylbenzene	11.77	119	68	N.D.		
81)	1,2,4-Trimethylbenzene	11.81	105	525	N.D.		
82)	sec-butylbenzene	11.97	105	619	N.D.		
83)	1,3-Dichlorobenzene	12.12	146	750	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.21	146	771	N.D.		
86)	1,2-Dichlorobenzene	12.59	146	647	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d	
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.	d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	d	

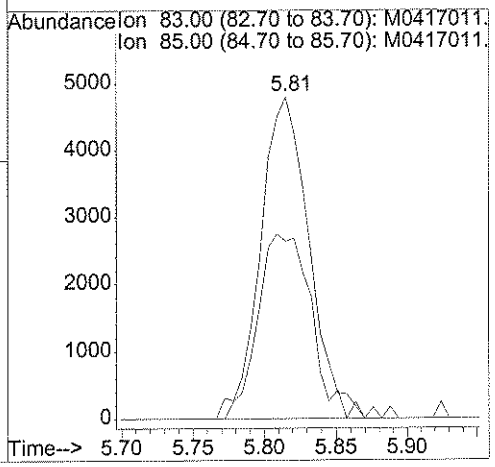
(#) = qualifier out of range (m) = manual integration
M0417011.D 8260B.M Wed Apr 25 10:12:35 2007 Page 3

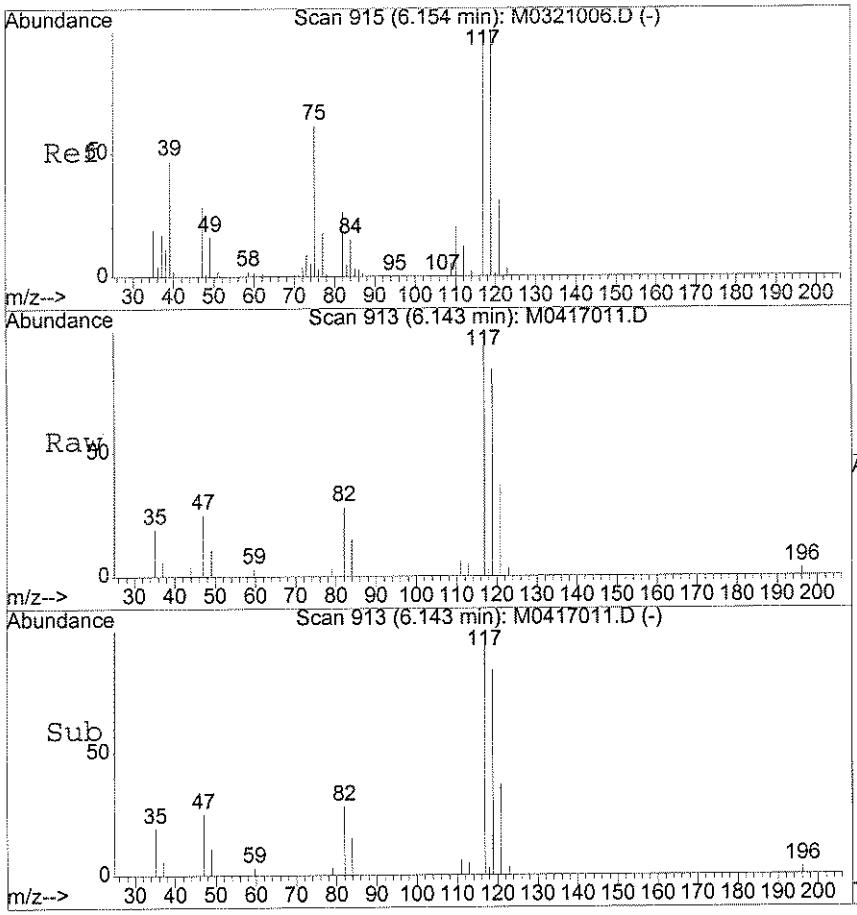


#31
Chloroform
Concen: 0.72 ug/l
RT: 5.81 min Scan# 859
Delta R.T. 0.00 min
Lab File: M0417011.D
Acq: 17 Apr 2007 11:37

Tgt Ion: 83 Resp: 11449

Ion	Ratio	Lower	Upper
83	100		
85	61.9	41.2	81.2

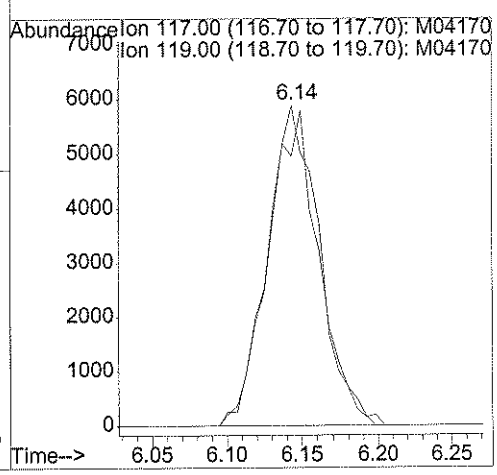


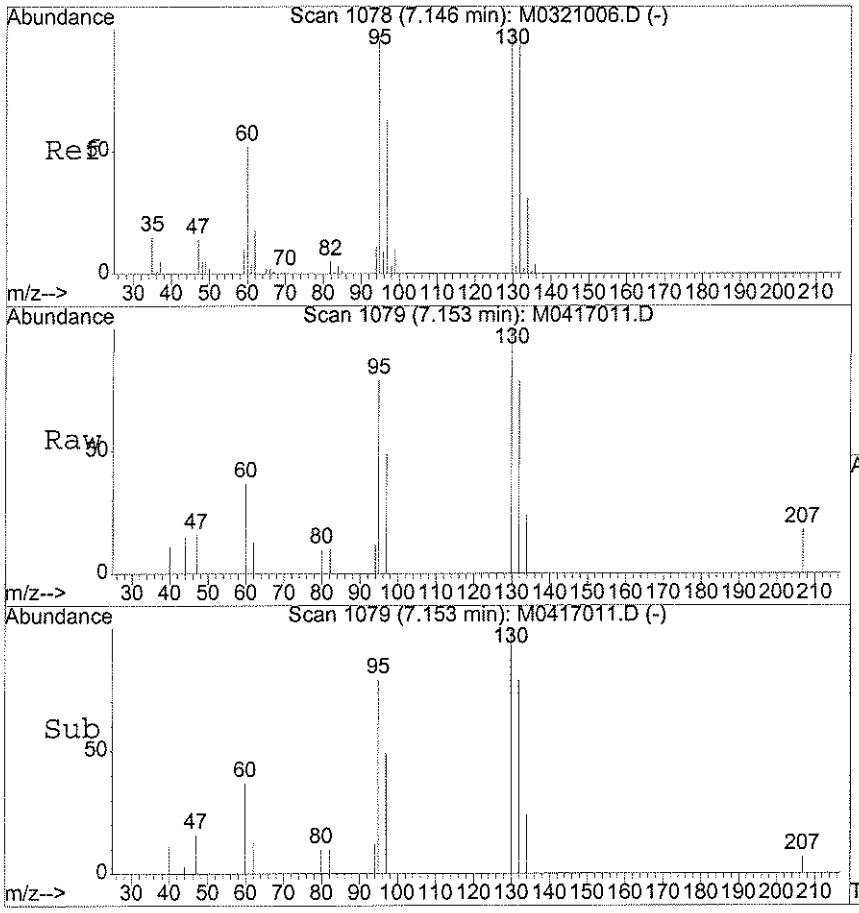


#35
Carbon Tetrachloride
Concen: 1.49 ug/l
RT: 6.14 min Scan# 913
Delta R.T. 0.00 min
Lab File: M0417011.D
Acq: 17 Apr 2007 11:37

Tgt Ion:117 Resp: 13991

Ion	Ratio	Lower	Upper
117	100		
119	97.9	78.2	118.2

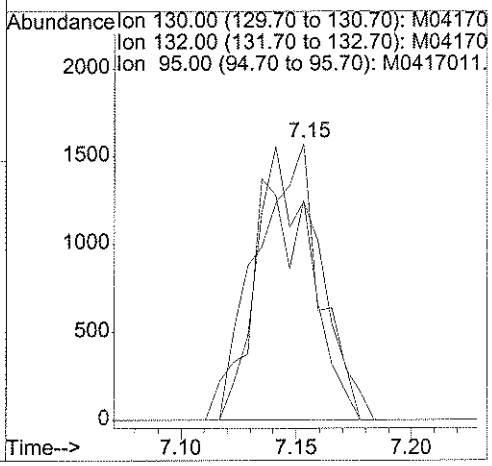




#41
Trichloroethene
Concen: 0.34 ug/l
RT: 7.15 min Scan# 1079
Delta R.T. 0.01 min
Lab File: M0417011.D
Acq: 17 Apr 2007 11:37

Tgt Ion:130 Resp: 3001

Ion	Ratio	Lower	Upper
130	100		
132	92.8	75.0	115.0
95	0.0	69.4	109.4#



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417012.D

Level: (LOW/MED) Date Collected: 04/05/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 12:01

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	1.7	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	4.0	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	11	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417012.D

Level: (LOW/MED) Date Collected: 04/05/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 12:01

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	5.9	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417012.D

Level: (LOW/MED) Date Collected: 04/05/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 12:01

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

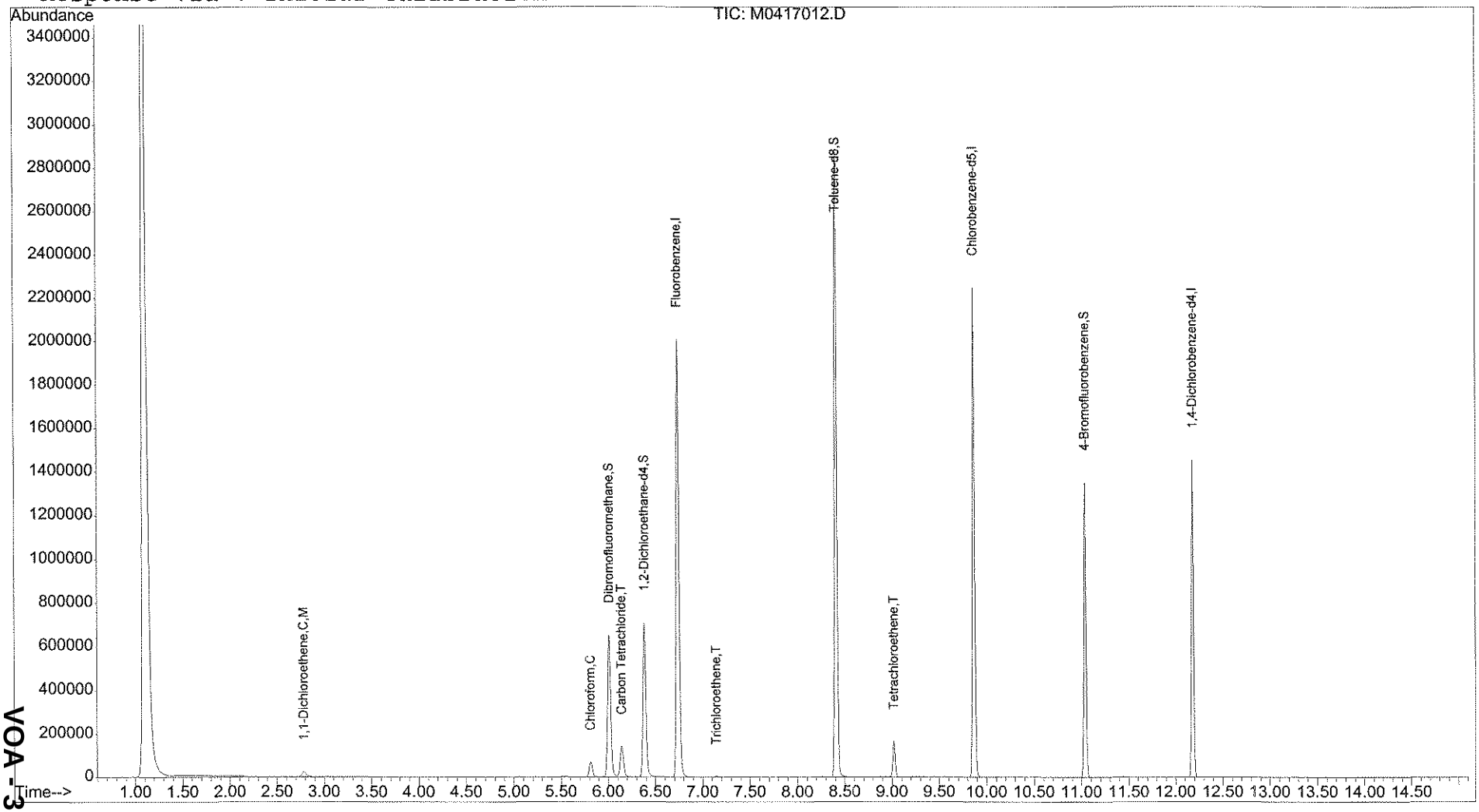
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417012.D Vial: 57
Acq On : 17 Apr 2007 12:01 Operator: DGA
Sample : JPL32-004 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:11 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



VOA-31

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417012.D Vial: 57
Acq On : 17 Apr 2007 12:01 Operator: DGA
Sample : JPL32-004 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:11 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1929890	50.00	ug/l	0.00 98.87%
50) Chlorobenzene-d5	9.86	82	648721	50.00	ug/l	0.00 92.24%
70) 1,4-Dichlorobenzene-d4	12.18	152	343233	50.00	ug/l	0.00 88.18%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	459210	50.44	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.88%			
37) 1,2-Dichloroethane-d4	6.38	65	524630	50.34	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.68%			
51) Toluene-d8	8.41	98	1894749	52.88	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 105.76%			
72) 4-Bromofluorobenzene	11.04	95	394932	55.78	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 111.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	1.97	64	59	N.D.		
7) Trichlorofluoromethane	2.18	101	55	N.D.		
8) Acrolein	2.75	56	57	N.D.		
9) 1,1-Dichloroethene	2.78	96	9943	1.69	ug/l	95
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	3.00	108	66	N.D.		
14) Carbon Disulfide	3.01	76	1156	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	4.54	63	215	N.D.		

(#) = qualifier out of range (m) = manual integration
M0417012.D 8260B.M Wed Apr 25 11:36:02 2007 Page 1

04/25/07

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417012.D Vial: 57
Acq On : 17 Apr 2007 12:01 Operator: DGA
Sample : JPL32-004 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:11 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	Vinyl acetate	4.55	43	84	N.D.	
24)	Chloroprene	0.00	53	0	N.D.	
25)	2,2-Dichloropropane	5.33	77	79	N.D.	
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.	
27)	2-Butanone	5.39	43	60	N.D.	
28)	Propionitrile	0.00	54	0	N.D.	
29)	Bromochloromethane	5.75	128	61	N.D.	
30)	Methacrylonitrile	5.69	41	57	N.D.	
31)	Chloroform	5.82	83	61829	3.99 ug/l	94
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	6.01	56	58	N.D.	
35)	Carbon Tetrachloride	6.15	117	103716	11.26 ug/l	97
36)	1,1-Dichloropropene	6.10	75	65	N.D.	
38)	Benzene	6.40	78	1232	N.D.	
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D. d	
41)	Trichloroethene	7.15	130	2014	0.23 ug/l #	53
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	7.66	93	61	N.D.	
45)	Methyl methacrylate	7.50	41	58	N.D.	
46)	Bromodichloromethane	0.00	83	0	N.D.	
47)	2-Chloroethyl vinyl ether	7.94	63	62	N.D.	
48)	cis-1,3-Dichloropropene	8.06	75	78	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	8.47	92	1092	N.D.	
53)	trans-1,3-Dichloropropene	8.76	75	60	N.D.	
54)	Ethyl methacrylate	8.62	69	72	N.D.	
55)	1,1,2-Trichloroethane	9.01	97	375	N.D.	
56)	Tetrachloroethene	9.02	166	46174	5.93 ug/l	97
57)	1,3-Dichloropropane	9.30	76	87	N.D.	
58)	2-Hexanone	0.00	43	0	N.D. d	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	9.35	107	58	N.D.	
61)	Chlorobenzene	9.90	112	358	N.D.	
62)	1-Chlorohexane	0.00	91	0	N.D. d	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	10.00	91	864	N.D.	
65)	m,p-Xylene	0.00	106	0	N.D. d	
66)	o-xylene	10.50	106	66	N.D.	
67)	Styrene	10.53	104	199	N.D.	

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

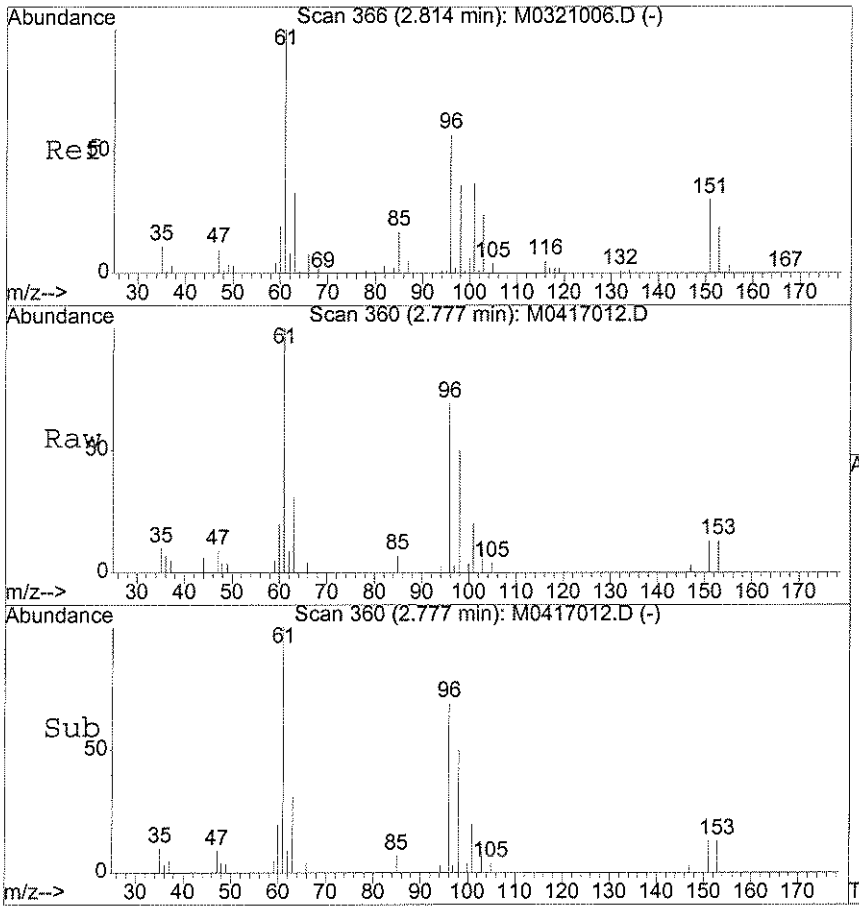
Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417012.D Vial: 57
Acq On : 17 Apr 2007 12:01 Operator: DGA
Sample : JPL32-004 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:11 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.74	173	77	N.D.		
69)	Isopropylbenzene	10.86	105	237	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	11.18	156	58	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.36	83	58	N.D.		
75)	1,2,3-Trichloropropane	11.39	110	56	N.D.		
76)	n-Propylbenzene	11.26	120	68	N.D.		
77)	2-Chlorotoluene	11.48	91	174	N.D.		
78)	4-Chlorotoluene	11.48	91	174	N.D.		
79)	1,3,5-Trimethylbenzene	11.43	105	66	N.D.		
80)	tert-Butylbenzene	11.74	119	57	N.D.		
81)	1,2,4-Trimethylbenzene	11.81	105	335	N.D.		
82)	sec-butylbenzene	11.98	105	242	N.D.		
83)	1,3-Dichlorobenzene	12.12	146	73	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.20	146	320	N.D.		
86)	1,2-Dichlorobenzene	12.59	146	157	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d	
90)	Hexachlorobutadiene	14.32	225	83	N.D.		
91)	Naphthalene	0.00	128	0	N.D.	d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	d	

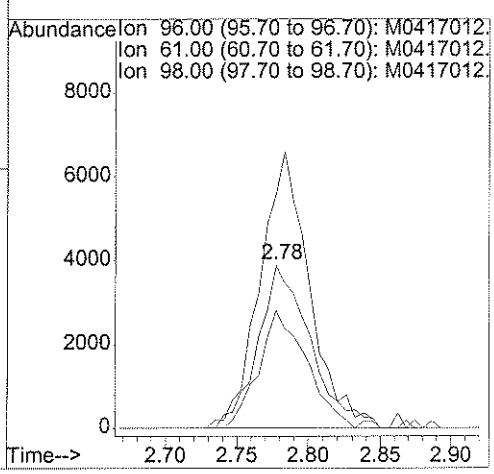
(#) = qualifier out of range (m) = manual integration

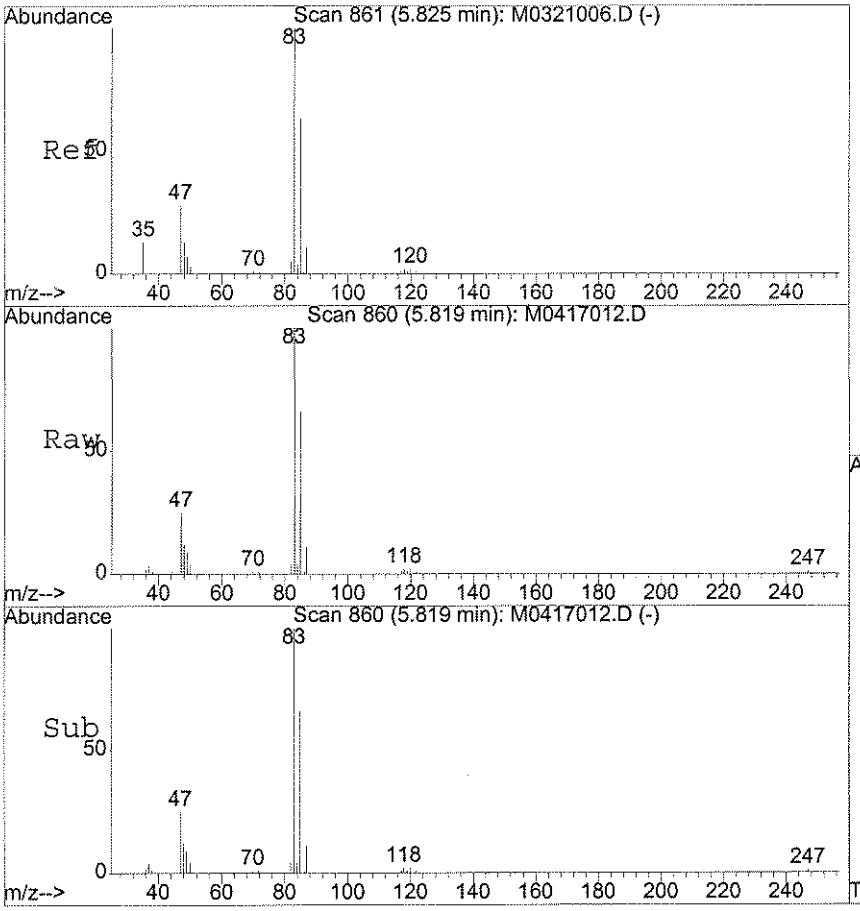


#9
1,1-Dichloroethene
Concen: 1.69 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: M0417012.D
Acq: 17 Apr 2007 12:01

Tgt Ion: 96 Resp: 9943

Ion	Ratio	Lower	Upper
96	100		
61	159.5	138.6	178.6
98	65.9	32.2	72.2

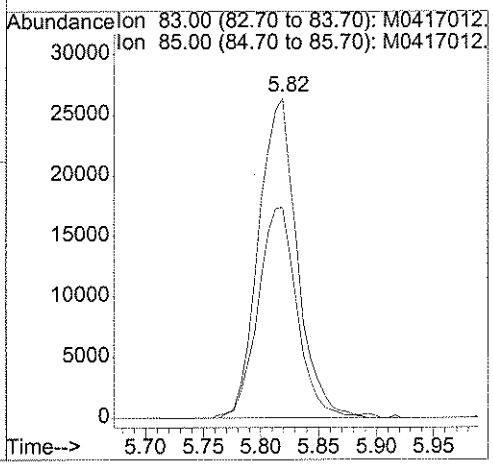


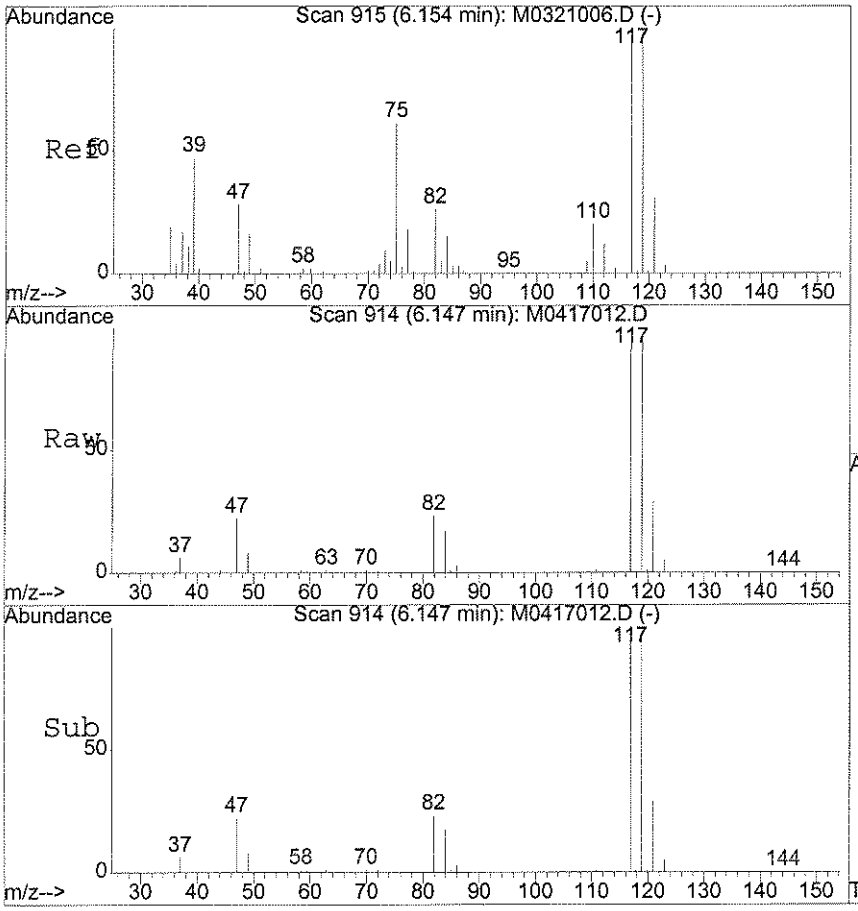


#31
Chloroform
Concen: 3.99 ug/l
RT: 5.82 min Scan# 860
Delta R.T. 0.01 min
Lab File: M0417012.D
Acq: 17 Apr 2007 12:01

Tgt Ion: 83 Resp: 61829

Ion	Ratio	Lower	Upper
83	100		
85	66.1	41.2	81.2

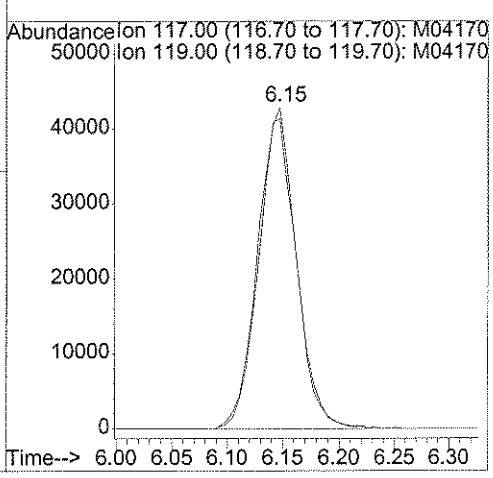


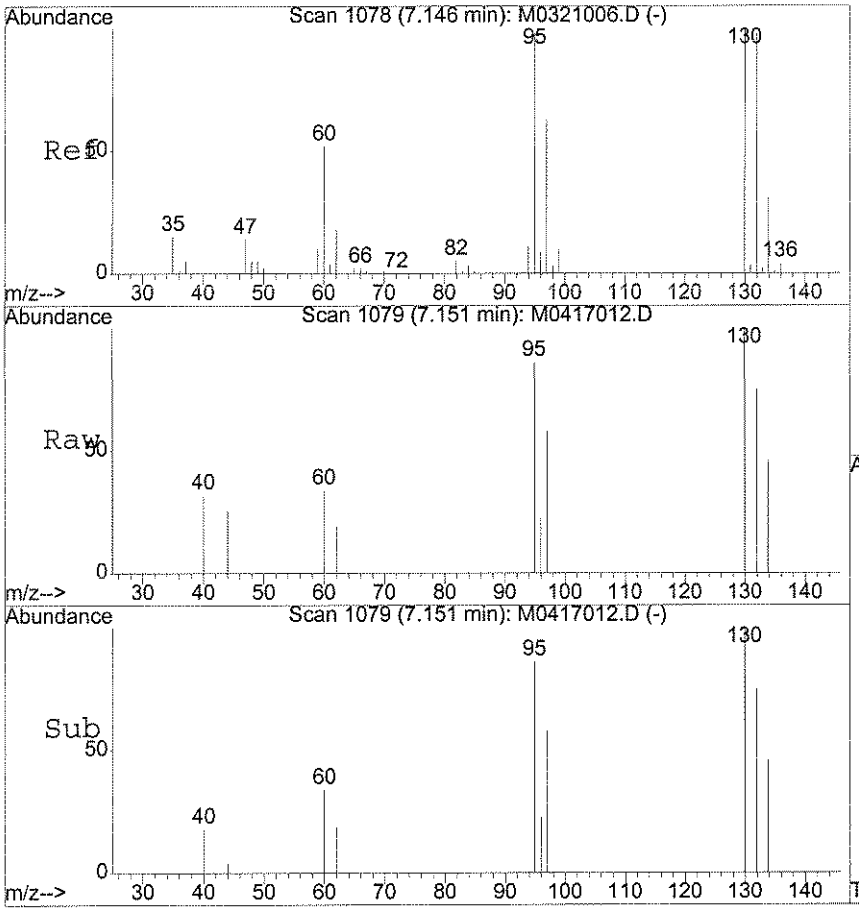


#35
Carbon Tetrachloride
Concen: 11.26 ug/l
RT: 6.15 min Scan# 914
Delta R.T. 0.01 min
Lab File: M0417012.D
Acq: 17 Apr 2007 12:01

Tgt Ion:117 Resp: 103716

Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.2	118.2

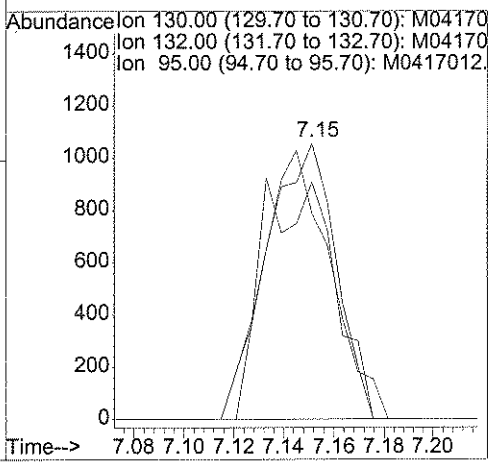


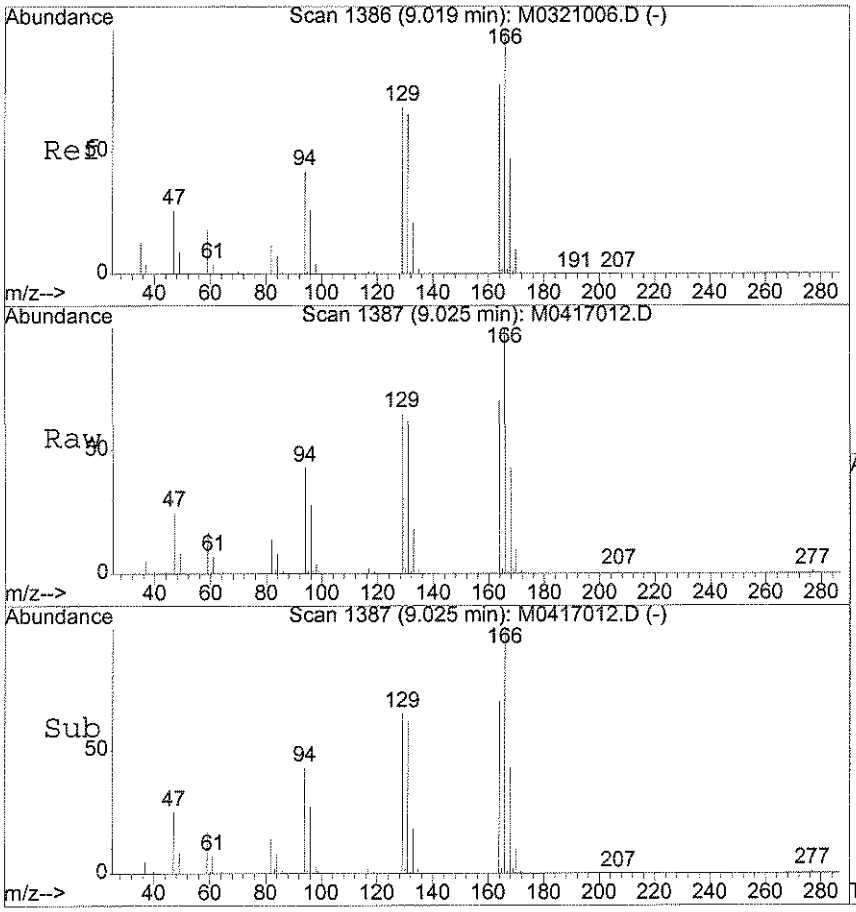


#41
Trichloroethene
Concen: 0.23 ug/l
RT: 7.15 min Scan# 1079
Delta R.T. 0.01 min
Lab File: M0417012.D
Acq: 17 Apr 2007 12:01

Tgt Ion:130 Resp: 2014

Ion	Ratio	Lower	Upper
130	100		
132	96.5	75.0	115.0
95	0.0	69.4	109.4#

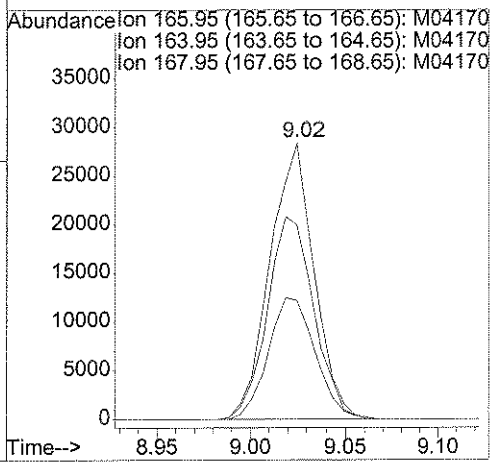




#56
Tetrachloroethene
Concen: 5.93 ug/l
RT: 9.02 min Scan# 1387
Delta R.T. -0.00 min
Lab File: M0417012.D
Acq: 17 Apr 2007 12:01

Tgt Ion:166 Resp: 46174

Ion	Ratio	Lower	Upper
166	100		
164	77.1	63.3	94.9
168	46.7	39.6	59.4



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-5-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417013.D

Level: (LOW/MED) Date Collected: 04/05/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 12:25

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	1.9	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	4.8	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	14	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.26	J
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-5-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417013.D

Level: (LOW/MED) Date Collected: 04/05/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 12:25

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	7.4	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-5-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417013.D

Level: (LOW/MED) Date Collected: 04/05/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 12:25

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

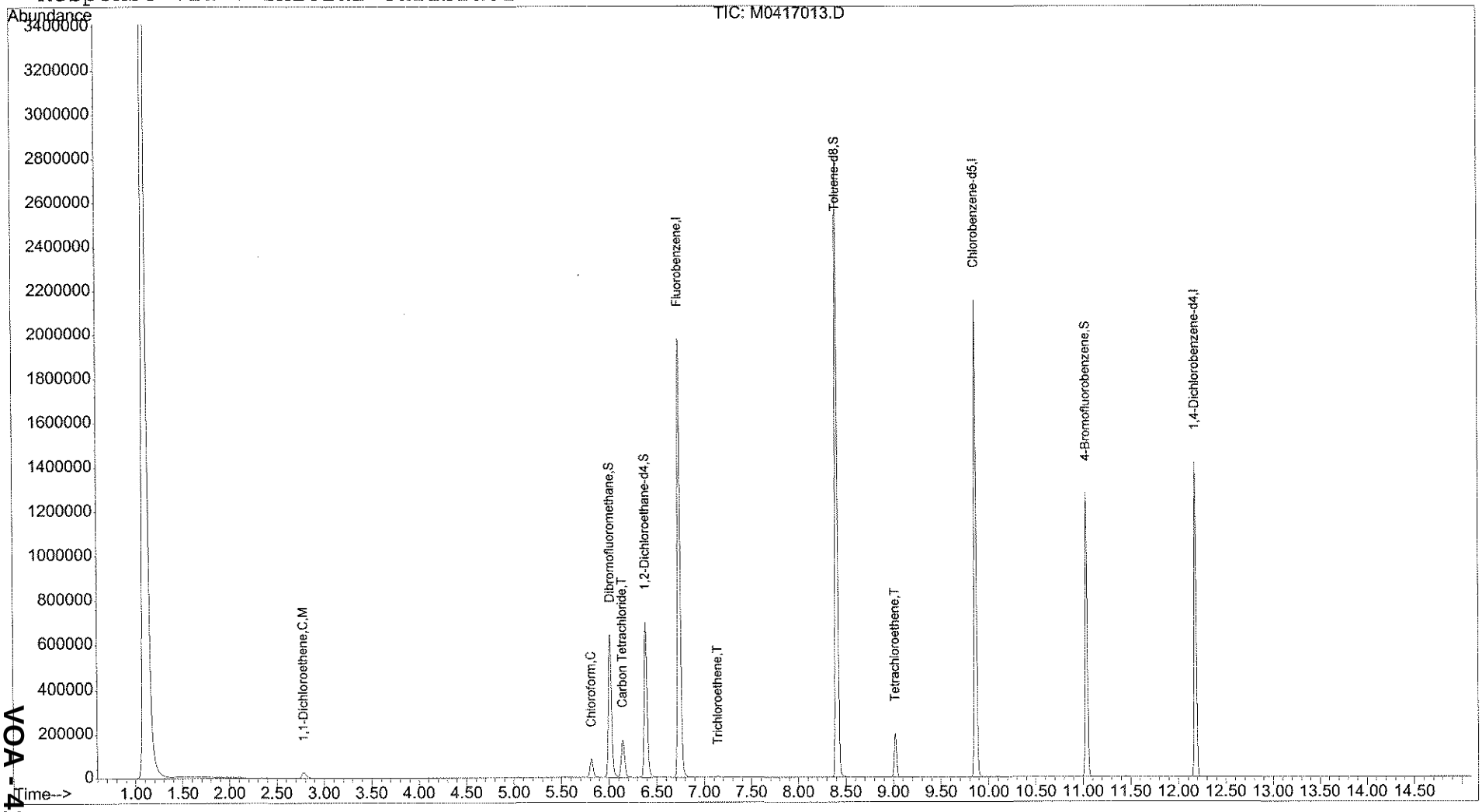
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417013.D Vial: 58
Acq On : 17 Apr 2007 12:25 Operator: DGA
Sample : JPL32-005 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:12 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



VOA-41

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417013.D Vial: 58
Acq On : 17 Apr 2007 12:25 Operator: DGA
Sample : JPL32-005 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:12 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1907297	50.00	ug/l	0.00 97.71%
50) Chlorobenzene-d5	9.87	82	639634	50.00	ug/l	0.00 90.95%
70) 1,4-Dichlorobenzene-d4	12.18	152	339016	50.00	ug/l	0.00 87.10%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	449342	49.94	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.88%			
37) 1,2-Dichloroethane-d4	6.39	65	521134	50.59	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.18%			
51) Toluene-d8	8.41	98	1854956	52.51	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 105.02%			
72) 4-Bromofluorobenzene	11.04	95	388951	55.62	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 111.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.83	96	65	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	2.78	96	11299	1.94	ug/l	98
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	2.97	43	200	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	3.03	108	57	N.D.		
14) Carbon Disulfide	3.03	76	1957	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	3.88	96	68	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	4.55	63	245	N.D.		

(#) = qualifier out of range (m) = manual integration
M0417013.D 8260B.M Wed Apr 25 09:13:09 2007

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417013.D
Acq On : 17 Apr 2007 12:25
Sample : JPL32-005
Misc : #2 5ml +IS/SS(524)
MS Integration Params: rteint.p
Quant Time: Apr 25 9:12 2007

Vial: 58
Operator: DGA
Inst : MOBY
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	Vinyl acetate	0.00	43	0	N.D.	
24)	Chloroprene	0.00	53	0	N.D.	
25)	2,2-Dichloropropane	5.41	77	57	N.D.	
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.	
27)	2-Butanone	5.43	43	66	N.D.	
28)	Propionitrile	0.00	54	0	N.D.	
29)	Bromochloromethane	5.58	128	56	N.D.	
30)	Methacrylonitrile	5.81	41	59	N.D.	
31)	Chloroform	5.81	83	73779	4.82 ug/l	94
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	5.96	56	61	N.D.	
35)	Carbon Tetrachloride	6.14	117	122850	13.50 ug/l	99
36)	1,1-Dichloropropene	6.06	75	61	N.D.	
38)	Benzene	6.41	78	1253	N.D.	
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D. d	
41)	Trichloroethene	7.15	130	2226	0.26 ug/l #	51
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	7.56	63	55	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	7.67	41	61	N.D.	
46)	Bromodichloromethane	7.71	83	134	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	8.05	75	66	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	8.48	92	745	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	8.93	97	86	N.D.	
56)	Tetrachloroethene	9.03	166	56849	7.40 ug/l	98
57)	1,3-Dichloropropane	8.89	76	56	N.D.	
58)	2-Hexanone	0.00	43	0	N.D. d	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.89	112	134	N.D.	
62)	1-Chlorohexane	0.00	91	0	N.D. d	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	9.99	91	921	N.D.	
65)	m,p-Xylene	0.00	106	0	N.D. d	
66)	o-xylene	10.52	106	141	N.D.	
67)	Styrene	10.53	104	213	N.D.	

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

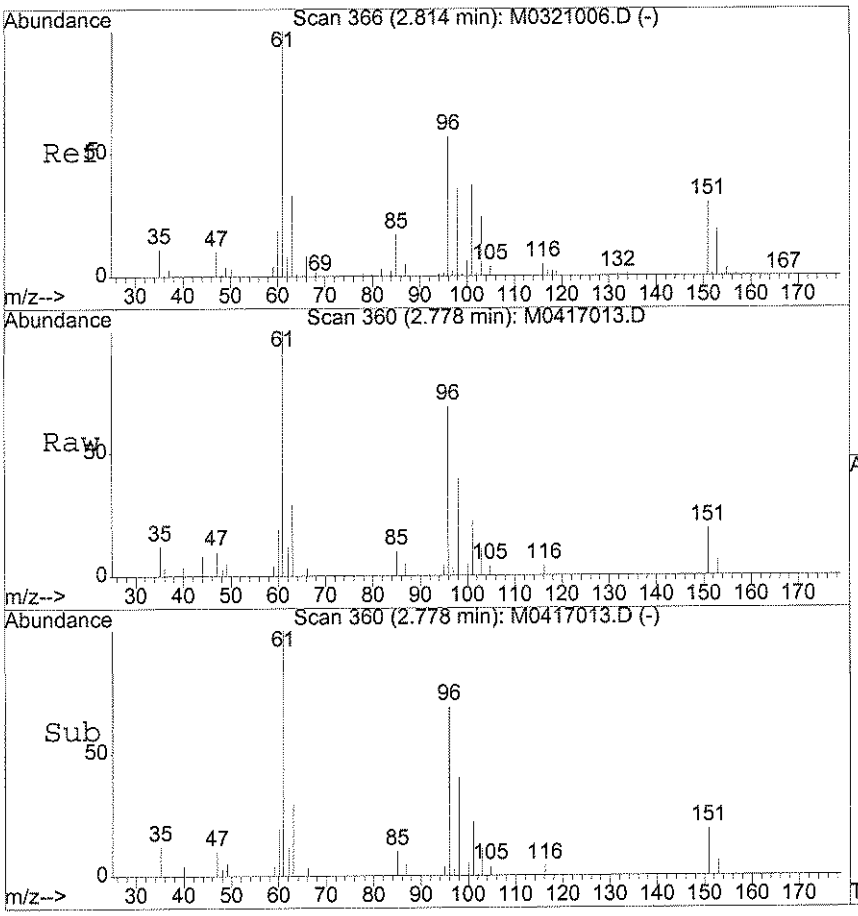
Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417013.D Vial: 58
Acq On : 17 Apr 2007 12:25 Operator: DGA
Sample : JPL32-005 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:12 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.74	173	141	N.D.		
69)	Isopropylbenzene	10.86	105	321	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	11.03	156	62	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.03	83	370	N.D.		
75)	1,2,3-Trichloropropane	11.03	110	141	N.D.		
76)	n-Propylbenzene	11.26	120	58	N.D.		
77)	2-Chlorotoluene	11.37	91	166	N.D.		
78)	4-Chlorotoluene	11.49	91	83	N.D.		
79)	1,3,5-Trimethylbenzene	11.45	105	209	N.D.		
80)	tert-Butylbenzene	11.76	119	161	N.D.		
81)	1,2,4-Trimethylbenzene	11.82	105	229	N.D.		
82)	sec-butylbenzene	11.98	105	324	N.D.		
83)	1,3-Dichlorobenzene	12.12	146	71	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.12	146	71	N.D.		
86)	1,2-Dichlorobenzene	12.59	146	71	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d	
90)	Hexachlorobutadiene	14.01	225	66	N.D.		
91)	Naphthalene	0.00	128	0	N.D.	d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

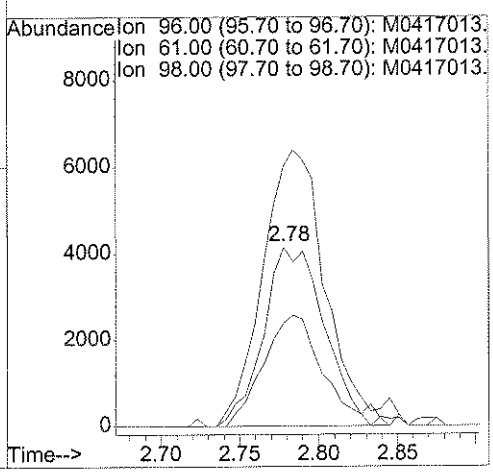
(#) = qualifier out of range (m) = manual integration

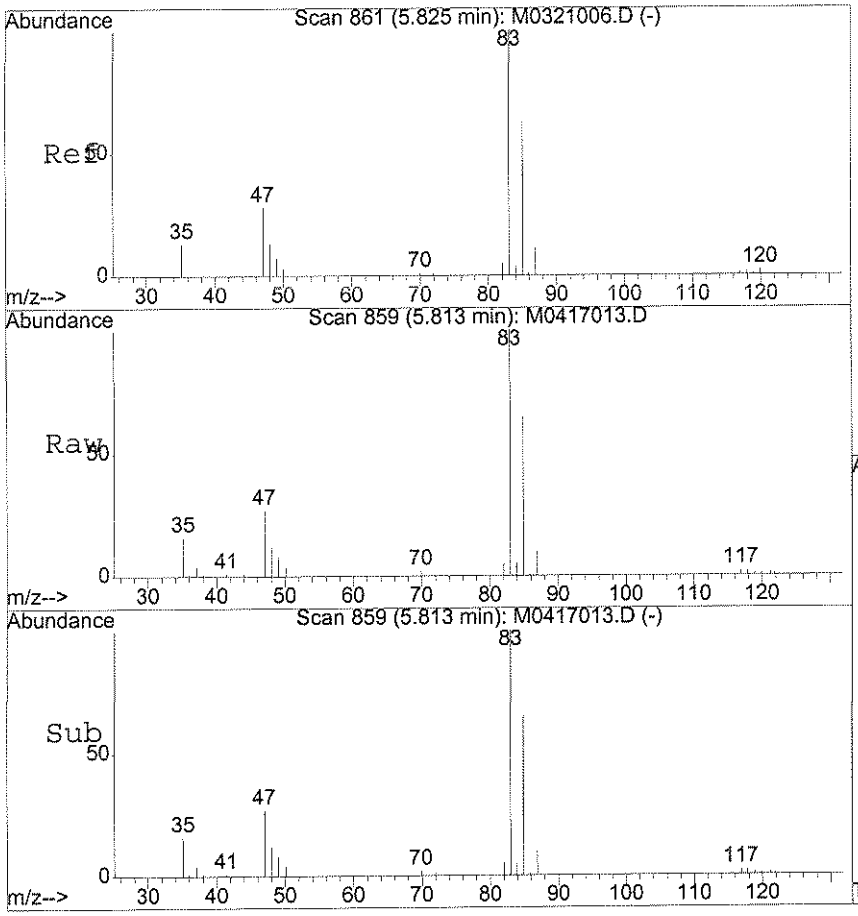


#9
1,1-Dichloroethene
Concen: 1.94 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: M0417013.D
Acq: 17 Apr 2007 12:25

Tgt Ion: 96 Resp: 11299

Ion	Ratio	Lower	Upper
96	100		
61	158.7	138.6	178.6
98	58.4	32.2	72.2

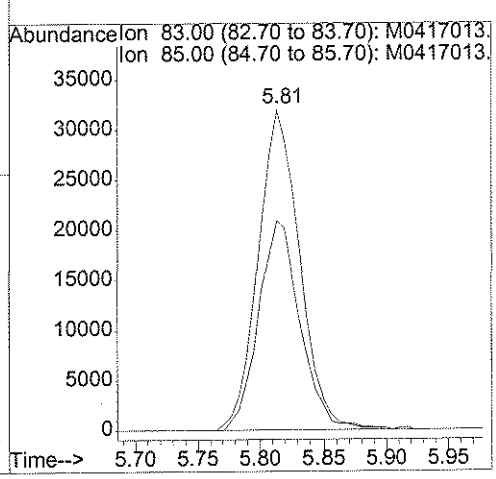


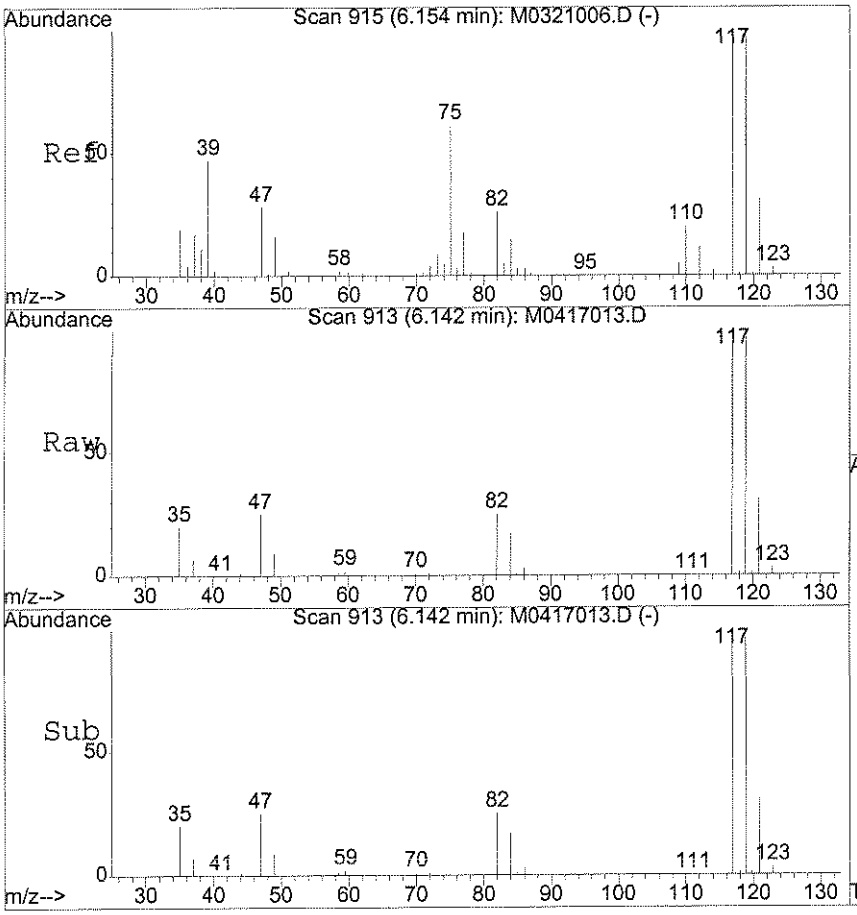


#31
Chloroform
Concen: 4.82 ug/l
RT: 5.81 min Scan# 859
Delta R.T. 0.00 min
Lab File: M0417013.D
Acq: 17 Apr 2007 12:25

Tgt Ion: 83 Resp: 73779

Ion	Ratio	Lower	Upper
83	100		
85	65.4	41.2	81.2

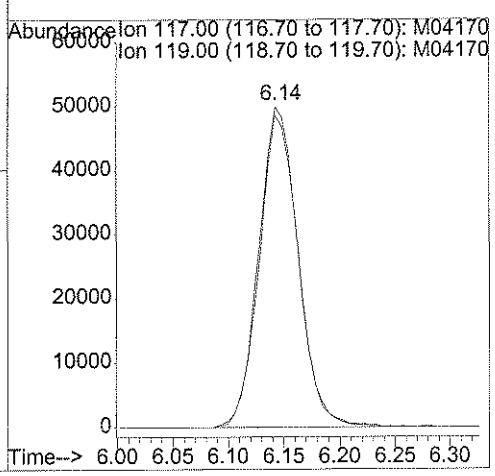


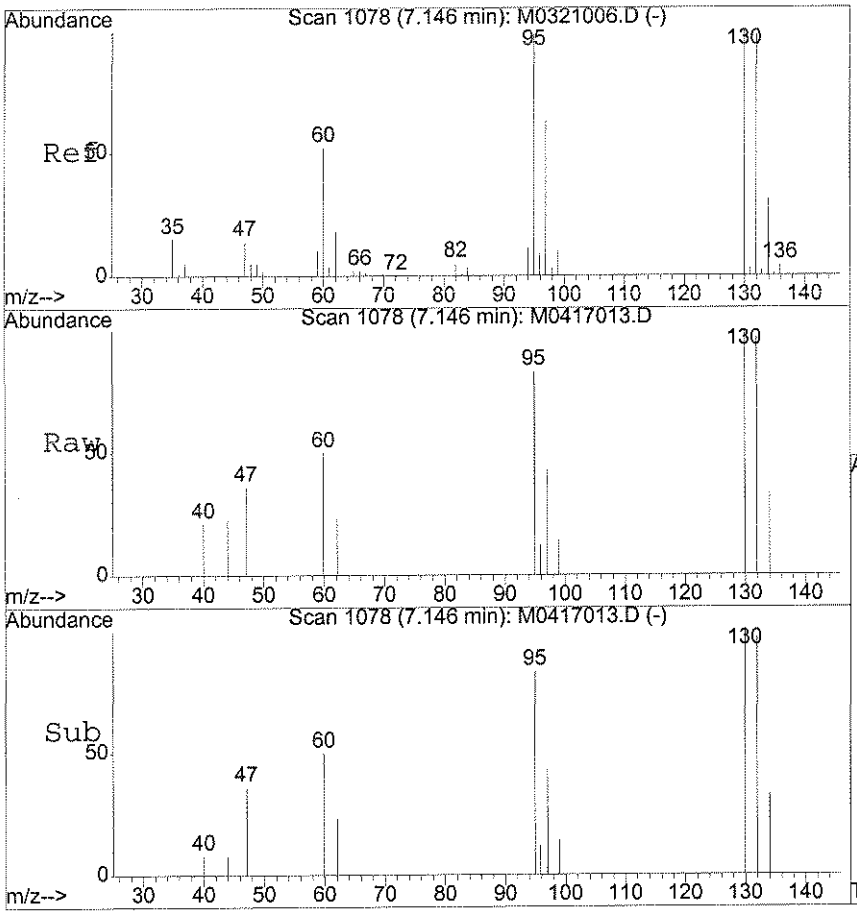


#35
Carbon Tetrachloride
Concen: 13.50 ug/l
RT: 6.14 min Scan# 913
Delta R.T. 0.00 min
Lab File: M0417013.D
Acq: 17 Apr 2007 12:25

Tgt Ion:117 Resp: 122850

Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.2	118.2

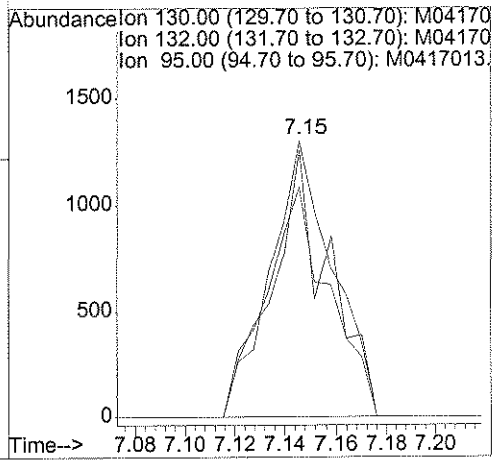


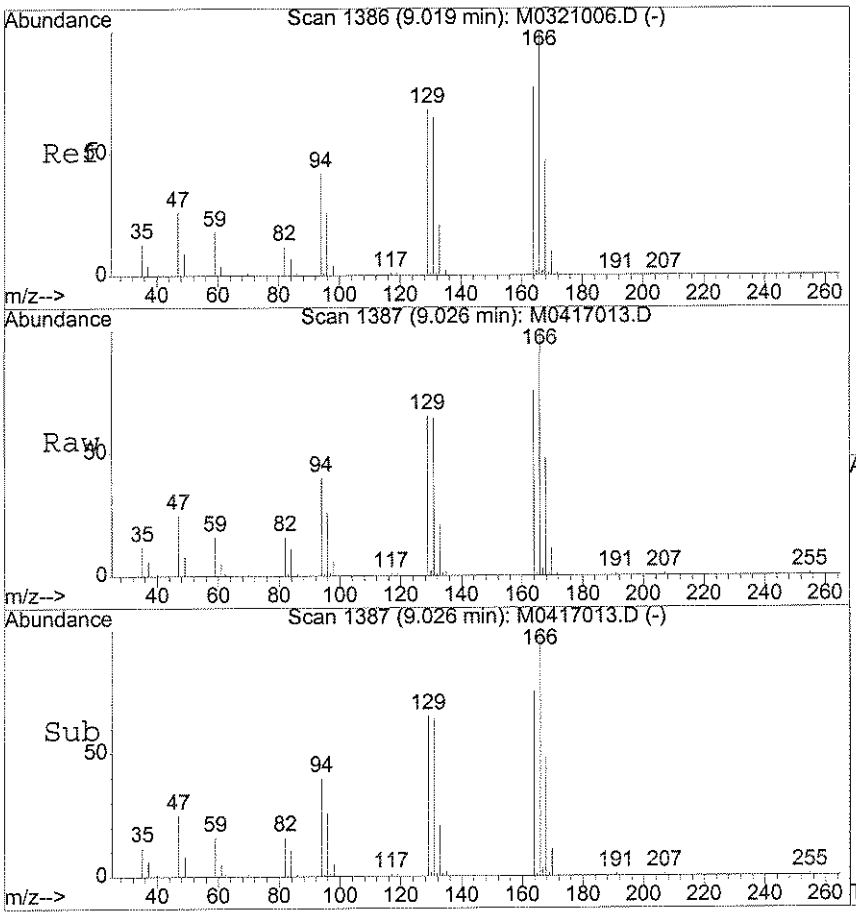


#41
Trichloroethene
Concen: 0.26 ug/l
RT: 7.15 min Scan# 1078
Delta R.T. 0.00 min
Lab File: M0417013.D
Acq: 17 Apr 2007 12:25

Tgt Ion:130 Resp: 2226

Ion	Ratio	Lower	Upper
130	100		
132	89.3	75.0	115.0
95	0.0	69.4	109.4#

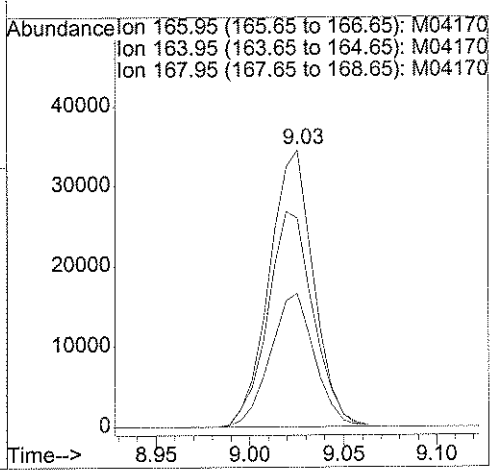




#56
Tetrachloroethene
Concen: 7.40 ug/l
RT: 9.03 min Scan# 1387
Delta R.T. 0.00 min
Lab File: M0417013.D
Acq: 17 Apr 2007 12:25

Tgt Ion:166 Resp: 56849

Ion	Ratio	Lower	Upper
166	100		
164	80.1	63.3	94.9
168	48.0	39.6	59.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-8-4/5/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417014.D

Level: (LOW/MED) Date Collected: 04/05/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 12:49

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-8-4/5/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417014.D

Level: (LOW/MED) Date Collected: 04/05/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 12:49

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.1	
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-8-4/5/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417014.D

Level: (LOW/MED) Date Collected: 04/05/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 12:49

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

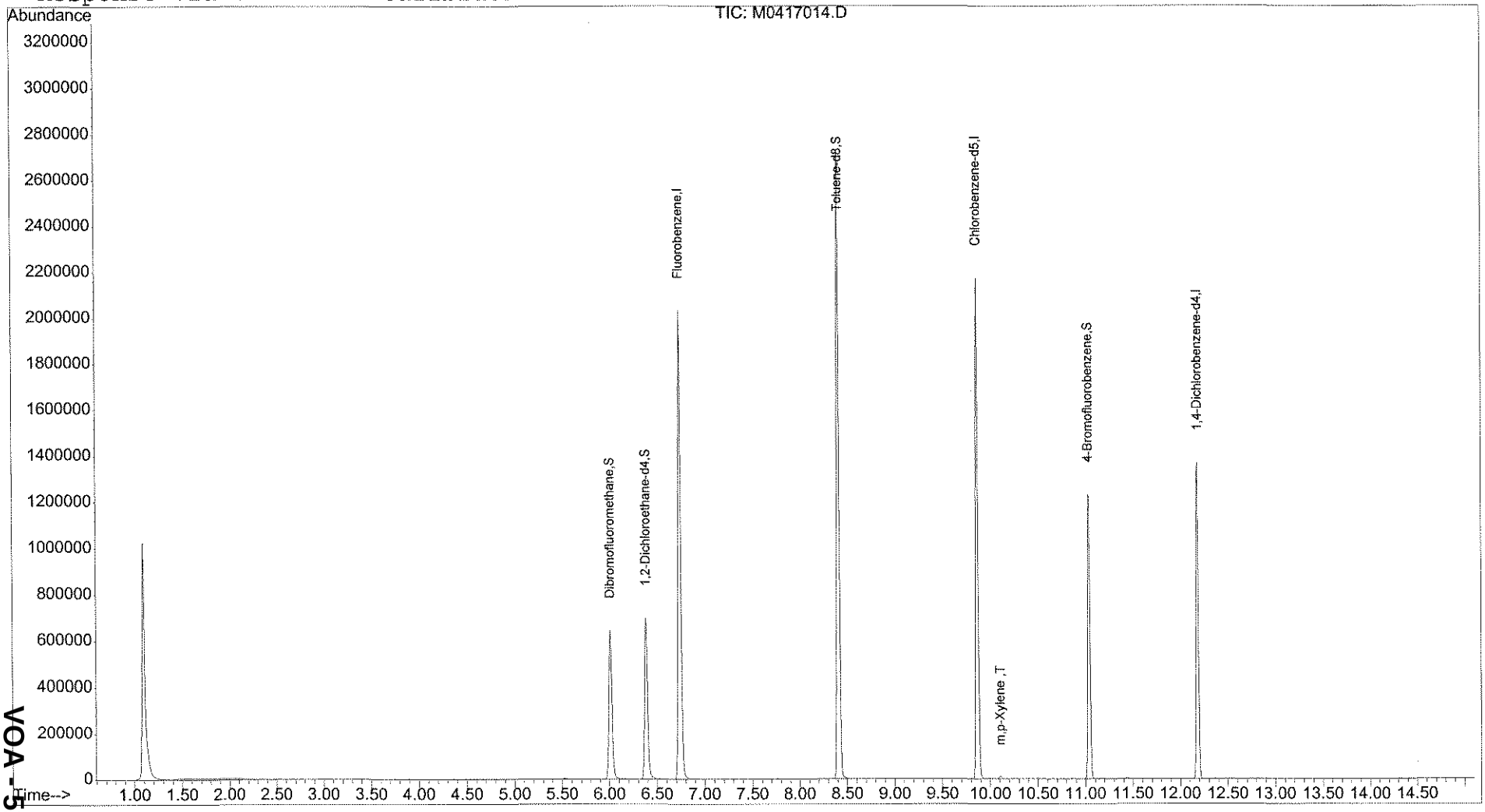
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417014.D Vial: 59
Acq On : 17 Apr 2007 12:49 Operator: DGA
Sample : JPL32-006 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:14 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



VOA-151

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417014.D Vial: 59
Acq On : 17 Apr 2007 12:49 Operator: DGA
Sample : JPL32-006 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:14 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1905788	50.00	ug/l	0.00 97.64%
50) Chlorobenzene-d5	9.87	82	635982	50.00	ug/l	0.00 90.43%
70) 1,4-Dichlorobenzene-d4	12.18	152	337002	50.00	ug/l	0.00 86.58%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	449921	50.04	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.08%			
37) 1,2-Dichloroethane-d4	6.39	65	520939	50.61	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.22%			
51) Toluene-d8	8.41	98	1839331	52.36	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.72%			
72) 4-Bromofluorobenzene	11.04	95	381137	54.83	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 109.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.89	96	130	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.02	76	92	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		

(#) = qualifier out of range (m) = manual integration
M0417014.D 8260B.M Wed Apr 25 09:14:33 2007

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417014.D
Acq On : 17 Apr 2007 12:49
Sample : JPL32-006
Misc : #2 5ml +IS/SS(524)
MS Integration Params: rteint.p
Quant Time: Apr 25 9:14 2007

Vial: 59
Operator: DGA
Inst : MOBY
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
23)	Vinyl acetate	4.76	43	75	N.D.		
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	5.38	96	58	N.D.		
27)	2-Butanone	0.00	43	0	N.D.	d	
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	5.80	83	102	N.D.		
32)	1,1,1-Trichloroethane	5.95	97	58	N.D.		
34)	Cyclohexane	5.99	56	213	N.D.		
35)	Carbon Tetrachloride	6.28	117	74	N.D.		
36)	1,1-Dichloropropene	6.19	75	56	N.D.		
38)	Benzene	6.41	78	861	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.	d	
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	7.32	83	62	N.D.		
43)	1,2-Dichloropropane	7.43	63	72	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	7.60	83	60	N.D.		
47)	2-Chloroethyl vinyl ether	8.05	63	58	N.D.		
48)	cis-1,3-Dichloropropene	8.17	75	67	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
52)	Toluene	8.47	92	690	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	8.88	97	125	N.D.		
56)	Tetrachloroethene	9.02	166	414	N.D.		
57)	1,3-Dichloropropane	9.04	76	55	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.	d	
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	9.90	112	477	N.D.		
62)	1-Chlorohexane	0.00	91	0	N.D.	d	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.99	91	3009	N.D.		
65)	m,p-Xylene	10.11	106	3219	1.09 ug/l		99
66)	o-xylene	10.51	106	1346	N.D.		
67)	Styrene	10.59	104	58	N.D.		

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

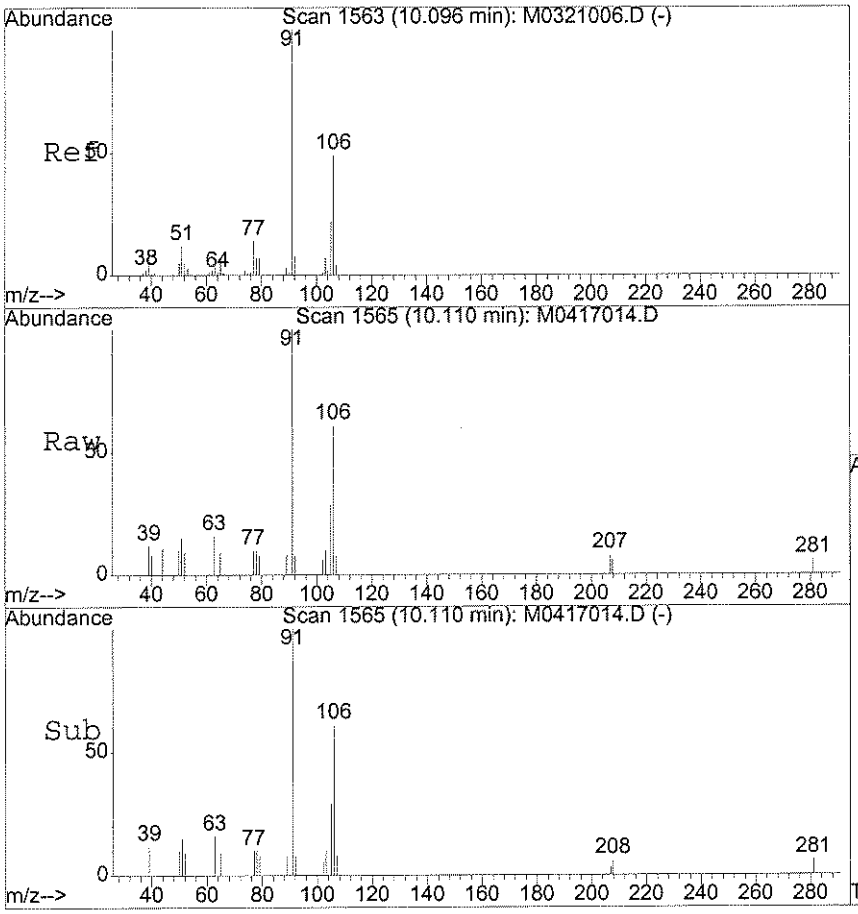
Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417014.D Vial: 59
Acq On : 17 Apr 2007 12:49 Operator: DGA
Sample : JPL32-006 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:14 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.74	173	163	N.D.		
69)	Isopropylbenzene	10.86	105	213	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	11.04	156	61	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.04	83	391	N.D.		
75)	1,2,3-Trichloropropane	11.03	110	62	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	11.35	91	61	N.D.		
78)	4-Chlorotoluene	11.47	91	257	N.D.		
79)	1,3,5-Trimethylbenzene	11.45	105	75	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.81	105	180	N.D.		
82)	sec-butylbenzene	11.98	105	198	N.D.		
83)	1,3-Dichlorobenzene	12.21	146	192	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.21	146	192	N.D.		
86)	1,2-Dichlorobenzene	12.30	146	85	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d	
90)	Hexachlorobutadiene	14.33	225	66	N.D.		
91)	Naphthalene	0.00	128	0	N.D.	d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

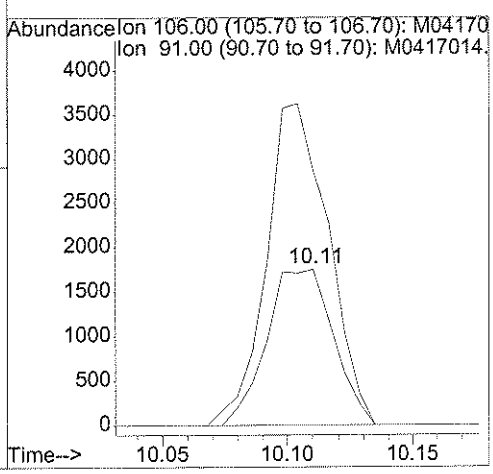
(#) = qualifier out of range (m) = manual integration



#65
m,p-Xylene
Concen: 1.09 ug/l
RT: 10.11 min Scan# 1565
Delta R.T. 0.00 min
Lab File: M0417014.D
Acq: 17 Apr 2007 12:49

Tgt Ion:106 Resp: 3219

Ion	Ratio	Lower	Upper
106	100		
91	191.5	169.6	209.6



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-8-4/5/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417015.D

Level: (LOW/MED) Date Collected: 04/05/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 13:13

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-8-4/5/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417015.D

Level: (LOW/MED) Date Collected: 04/05/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 13:13

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-8-4/5/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417015.D

Level: (LOW/MED) Date Collected: 04/05/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 13:13

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

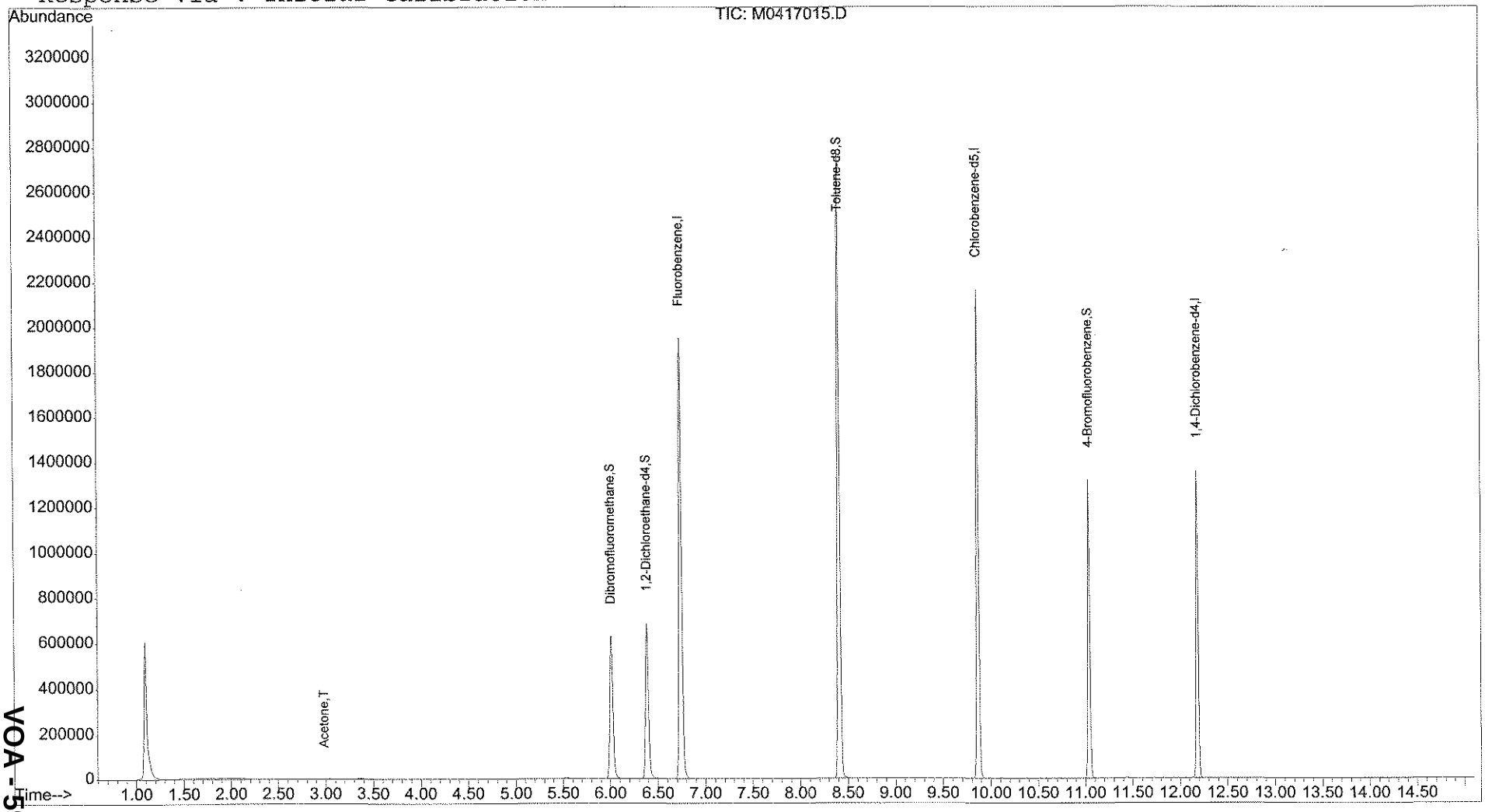
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417015.D Vial: 60
Acq On : 17 Apr 2007 13:13 Operator: DGA
Sample : JPL32-007 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:15 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



VOA-59

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417015.D Vial: 60
Acq On : 17 Apr 2007 13:13 Operator: DGA
Sample : JPL32-007 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:15 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1879222	50.00	ug/l	0.00 96.28%
50) Chlorobenzene-d5	9.87	82	633240	50.00	ug/l	0.00 90.04%
70) 1,4-Dichlorobenzene-d4	12.18	152	335402	50.00	ug/l	0.00 86.17%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	447059	50.43	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.86%			
37) 1,2-Dichloroethane-d4	6.39	65	504319	49.69	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.38%			
51) Toluene-d8	8.41	98	1825210	52.19	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.38%			
72) 4-Bromofluorobenzene	11.04	95	384702	55.61	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 111.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.45	50	61	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.84	96	69	N.D.		
6) Chloroethane	1.94	64	95	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	2.83	96	64	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.99	43	2554	1.49	ug/l	94
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.04	76	2361	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	3.47	84	1924	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		

(#) = qualifier out of range (m) = manual integration
M0417015.D 8260B.M Wed Apr 25 09:15:44 2007

04/25/07

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417015.D Vial: 60
Acq On : 17 Apr 2007 13:13 Operator: DGA
Sample : JPL32-007 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:15 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
23)	Vinyl acetate	4.69	43	59	N.D.		
24)	Chloroprene	4.66	53	66	N.D.		
25)	2,2-Dichloropropane	5.36	77	93	N.D.		
26)	cis-1,2-Dichloroethene	5.42	96	112	N.D.		
27)	2-Butanone	5.42	43	69	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	5.73	41	61	N.D.		
31)	Chloroform	5.83	83	76	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	6.19	75	62	N.D.		
38)	Benzene	6.41	78	472	N.D.		
39)	1,2-Dichloroethane	6.39	62	275	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	7.38	63	61	N.D.		
44)	Dibromomethane	7.59	93	74	N.D.		
45)	Methyl methacrylate	7.40	41	135	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	8.27	75	62	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	8.48	92	213	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	8.95	97	57	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		d
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	9.54	107	71	N.D.		
61)	Chlorobenzene	9.89	112	69	N.D.		
62)	1-Chlorohexane	0.00	91	0	N.D.		d
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.99	91	331	N.D.		
65)	m,p-Xylene	0.00	106	0	N.D.		d
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	10.27	104	65	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417015.D Vial: 60
Acq On : 17 Apr 2007 13:13 Operator: DGA
Sample : JPL32-007 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:15 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.75	173	66	N.D.		
69)	Isopropylbenzene	10.87	105	155	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.03	83	466	N.D.		
75)	1,2,3-Trichloropropane	11.20	110	66	N.D.		
76)	n-Propylbenzene	11.28	120	57	N.D.		
77)	2-Chlorotoluene	11.36	91	122	N.D.		
78)	4-Chlorotoluene	11.48	91	85	N.D.		
79)	1,3,5-Trimethylbenzene	11.45	105	136	N.D.		
80)	tert-Butylbenzene	11.76	119	119	N.D.		
81)	1,2,4-Trimethylbenzene	11.83	105	65	N.D.		
82)	sec-butylbenzene	11.99	105	293	N.D.		
83)	1,3-Dichlorobenzene	12.12	146	55	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.		d
85)	1,4-Dichlorobenzene	12.21	146	128	N.D.		
86)	1,2-Dichlorobenzene	12.52	146	57	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.		d
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		d
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		d
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417016.D

Level: (LOW/MED) Date Collected: 04/06/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 13:37

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417016.D

Level: (LOW/MED) Date Collected: 04/06/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 13:37

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417016.D

Level: (LOW/MED) Date Collected: 04/06/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 13:37

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

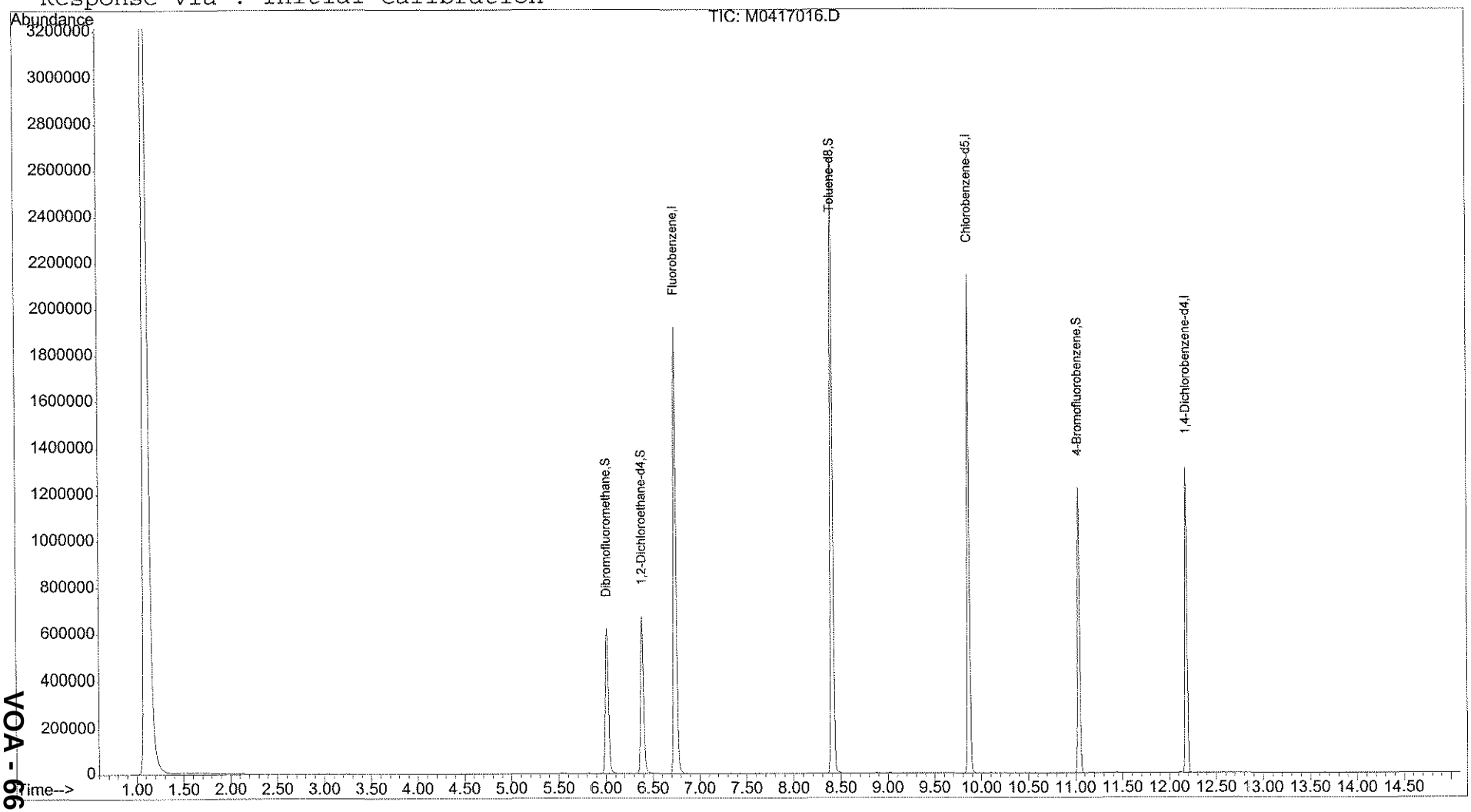
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417016.D Vial: 61
Acq On : 17 Apr 2007 13:37 Operator: DGA
Sample : JPL32-008 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:22 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



VOA - 66

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417016.D Vial: 61
Acq On : 17 Apr 2007 13:37 Operator: DGA
Sample : JPL32-008 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:22 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1844658	50.00	ug/l	0.00 94.50%
50) Chlorobenzene-d5	9.87	82	617447	50.00	ug/l	0.00 87.79%
70) 1,4-Dichlorobenzene-d4	12.19	152	323413	50.00	ug/l	0.00 83.09%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	437689	50.29	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.58%			
37) 1,2-Dichloroethane-d4	6.39	65	503208	50.51	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.02%			
51) Toluene-d8	8.41	98	1794149	52.61	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 105.22%			
72) 4-Bromofluorobenzene	11.04	95	376193	56.39	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 112.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.84	96	59	N.D.		
6) Chloroethane	1.95	64	72	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.03	76	3120	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	3.41	43	55	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	4.54	63	1468	N.D.		

(#) = qualifier out of range (m) = manual integration
M0417016.D 8260B.M Wed Apr 25 09:23:03 2007 Page 1

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417016.D Vial: 61
Acq On : 17 Apr 2007 13:37 Operator: DGA
Sample : JPL32-008 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:22 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) Vinyl acetate	0.00	43	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	5.28	77	55	N.D.	
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
27) 2-Butanone	5.50	43	65	N.D.	
28) Propionitrile	0.00	54	0	N.D.	
29) Bromochloromethane	0.00	128	0	N.D.	
30) Methacrylonitrile	0.00	41	0	N.D.	
31) Chloroform	5.82	83	2325	N.D.	
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
34) Cyclohexane	6.01	56	66	N.D.	
35) Carbon Tetrachloride	6.19	117	57	N.D.	
36) 1,1-Dichloropropene	0.00	75	0	N.D.	
38) Benzene	6.41	78	641	N.D.	
39) 1,2-Dichloroethane	0.00	62	0	N.D.	
40) Isobutanol	0.00	43	0	N.D.	d
41) Trichloroethene	7.14	130	653	N.D.	
42) Methylcyclohexane	7.29	83	186	N.D.	
43) 1,2-Dichloropropane	7.39	63	61	N.D.	
44) Dibromomethane	0.00	93	0	N.D.	
45) Methyl methacrylate	7.42	41	64	N.D.	
46) Bromodichloromethane	7.73	83	265	N.D.	
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49) 4-Methyl-2-pentanone	0.00	43	0	N.D.	d
52) Toluene	8.47	92	663	N.D.	
53) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54) Ethyl methacrylate	0.00	69	0	N.D.	
55) 1,1,2-Trichloroethane	8.94	97	57	N.D.	
56) Tetrachloroethene	9.02	166	994	N.D.	
57) 1,3-Dichloropropane	0.00	76	0	N.D.	
58) 2-Hexanone	0.00	43	0	N.D.	d
59) Dibromochloromethane	0.00	129	0	N.D.	
60) 1,2-Dibromoethane	0.00	107	0	N.D.	
61) Chlorobenzene	9.90	112	449	N.D.	
62) 1-Chlorohexane	0.00	91	0	N.D.	d
63) 1,1,1,2-Tetrachloroethane	10.01	131	61	N.D.	
64) Ethylbenzene	9.99	91	452	N.D.	
65) m,p-Xylene	0.00	106	0	N.D.	d
66) o-xylene	10.50	106	228	N.D.	
67) Styrene	10.51	104	288	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417016.D Vial: 61
Acq On : 17 Apr 2007 13:37 Operator: DGA
Sample : JPL32-008 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:22 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	0.00	173	0	N.D.		
69)	Isopropylbenzene	11.04	105	424	N.D.		
71)	trans-1,4-Dichloro-2-buten	11.07	53	60	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.30	83	56	N.D.		
75)	1,2,3-Trichloropropane	11.25	110	59	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	11.47	91	70	N.D.		
78)	4-Chlorotoluene	11.49	91	60	N.D.		
79)	1,3,5-Trimethylbenzene	11.45	105	66	N.D.		
80)	tert-Butylbenzene	11.75	119	56	N.D.		
81)	1,2,4-Trimethylbenzene	11.99	105	180	N.D.		
82)	sec-butylbenzene	11.99	105	180	N.D.		
83)	1,3-Dichlorobenzene	12.12	146	1273	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.12	146	1273	N.D.		
86)	1,2-Dichlorobenzene	12.58	146	535	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.	d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	d	

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417017.D

Level: (LOW/MED) Date Collected: 04/06/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 14:01

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417017.D

Level: (LOW/MED) Date Collected: 04/06/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 14:01

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417017.D

Level: (LOW/MED) _____ Date Collected: 04/06/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/17/2007 14:01

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

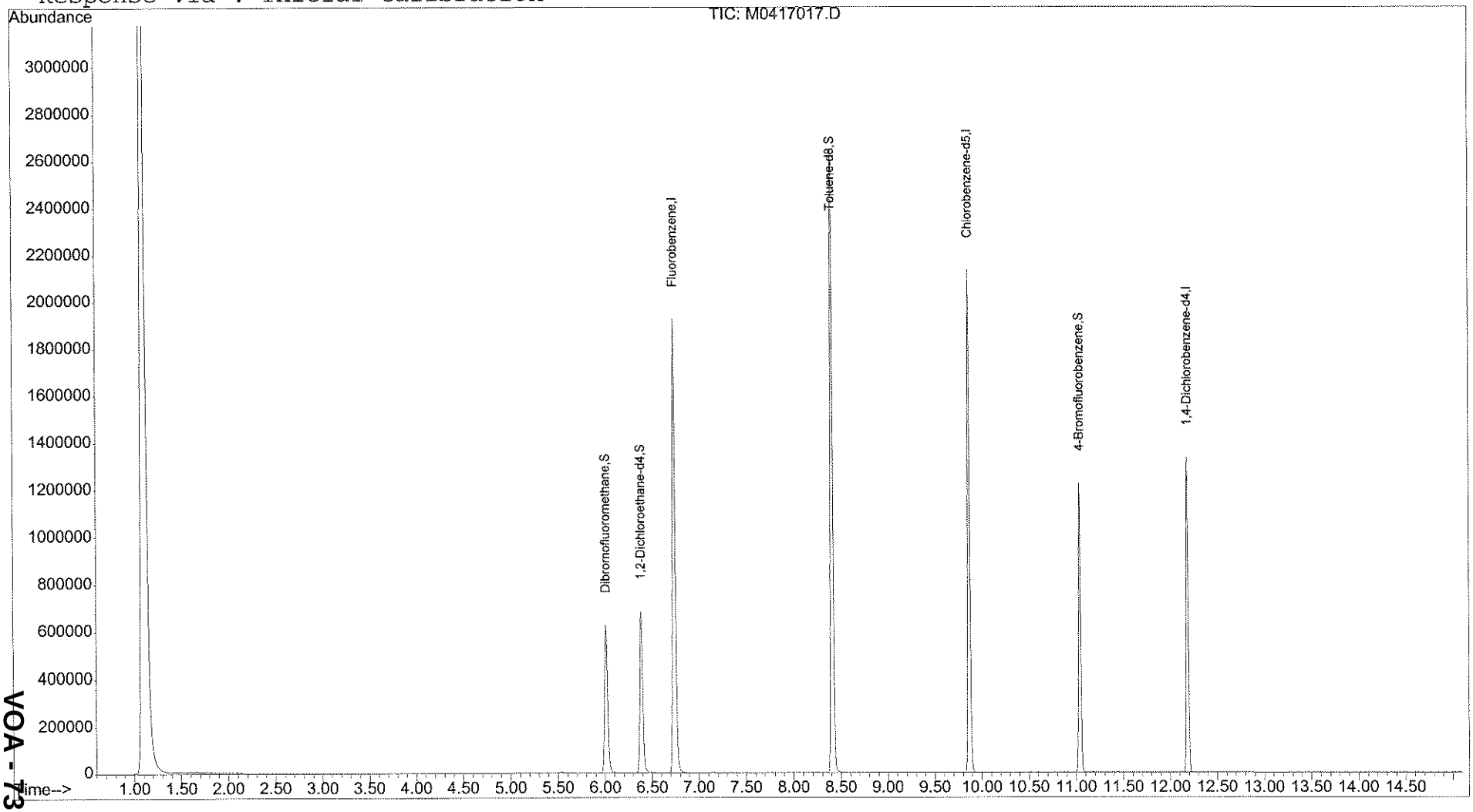
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417017.D Vial: 62
Acq On : 17 Apr 2007 14:01 Operator: DGA
Sample : JPL32-009 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:16 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



VOA - 73

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417017.D Vial: 62
Acq On : 17 Apr 2007 14:01 Operator: DGA
Sample : JPL32-009 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:16 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1824404	50.00	ug/l	0.00 93.47%
50) Chlorobenzene-d5	9.87	82	609414	50.00	ug/l	0.00 86.65%
70) 1,4-Dichlorobenzene-d4	12.19	152	324094	50.00	ug/l	0.00 83.27%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	436782	50.75	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.50%			
37) 1,2-Dichloroethane-d4	6.39	65	506452	51.40	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.80%			
51) Toluene-d8	8.41	98	1774650	52.73	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 105.46%			
72) 4-Bromofluorobenzene	11.04	95	371213	55.53	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 111.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	1.52	62	59	N.D.		
5) Bromomethane	1.87	96	94	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	2.97	43	172	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.03	76	1199	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	3.30	40	62	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	3.95	96	78	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	4.54	63	356	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417017.D Vial: 62
Acq On : 17 Apr 2007 14:01 Operator: DGA
Sample : JPL32-009 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:16 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27) 2-Butanone	5.54	43	227	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	5.82	83	764	N.D.		
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	6.22	75	115	N.D.		
38) Benzene	6.40	78	988	N.D.		
39) 1,2-Dichloroethane	0.00	62	0	N.D.		
40) Isobutanol	0.00	43	0	N.D.		d
41) Trichloroethene	7.14	130	305	N.D.		
42) Methylcyclohexane	0.00	83	0	N.D.		
43) 1,2-Dichloropropane	0.00	63	0	N.D.		
44) Dibromomethane	7.40	93	56	N.D.		
45) Methyl methacrylate	0.00	41	0	N.D.		
46) Bromodichloromethane	7.73	83	129	N.D.		
47) 2-Chloroethyl vinyl ether	8.13	63	61	N.D.		
48) cis-1,3-Dichloropropene	8.36	75	61	N.D.		
49) 4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52) Toluene	8.47	92	640	N.D.		
53) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54) Ethyl methacrylate	0.00	69	0	N.D.		
55) 1,1,2-Trichloroethane	8.74	97	56	N.D.		
56) Tetrachloroethene	9.02	166	562	N.D.		
57) 1,3-Dichloropropane	9.24	76	62	N.D.		
58) 2-Hexanone	0.00	43	0	N.D.		d
59) Dibromochloromethane	0.00	129	0	N.D.		
60) 1,2-Dibromoethane	0.00	107	0	N.D.		
61) Chlorobenzene	9.89	112	414	N.D.		
62) 1-Chlorohexane	0.00	91	0	N.D.		d
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64) Ethylbenzene	10.00	91	563	N.D.		
65) m,p-Xylene	0.00	106	0	N.D.		d
66) o-xylene	10.49	106	66	N.D.		
67) Styrene	10.52	104	68	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417017.D Vial: 62
Acq On : 17 Apr 2007 14:01 Operator: DGA
Sample : JPL32-009 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:16 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.74	173	282	N.D.		
69)	Isopropylbenzene	10.87	105	58	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.04	83	447	N.D.		
75)	1,2,3-Trichloropropane	11.04	110	187	N.D.		
76)	n-Propylbenzene	11.45	120	85	N.D.		
77)	2-Chlorotoluene	11.27	91	208	N.D.		
78)	4-Chlorotoluene	11.48	91	168	N.D.		
79)	1,3,5-Trimethylbenzene	11.44	105	61	N.D.		
80)	tert-Butylbenzene	11.77	119	227	N.D.		
81)	1,2,4-Trimethylbenzene	11.81	105	124	N.D.		
82)	sec-butylbenzene	11.98	105	137	N.D.		
83)	1,3-Dichlorobenzene	12.13	146	246	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.22	146	180	N.D.		
86)	1,2-Dichlorobenzene	12.58	146	230	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	13.36	157	55	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d	
90)	Hexachlorobutadiene	14.53	225	60	N.D.		
91)	Naphthalene	0.00	128	0	N.D.	d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	d	

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-010

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417018.D

Level: (LOW/MED) Date Collected: 04/06/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 14:25

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.28	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-010

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417018.D

Level: (LOW/MED) Date Collected: 04/06/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 14:25

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	1.0	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-010

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417018.D

Level: (LOW/MED) Date Collected: 04/06/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 14:25

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

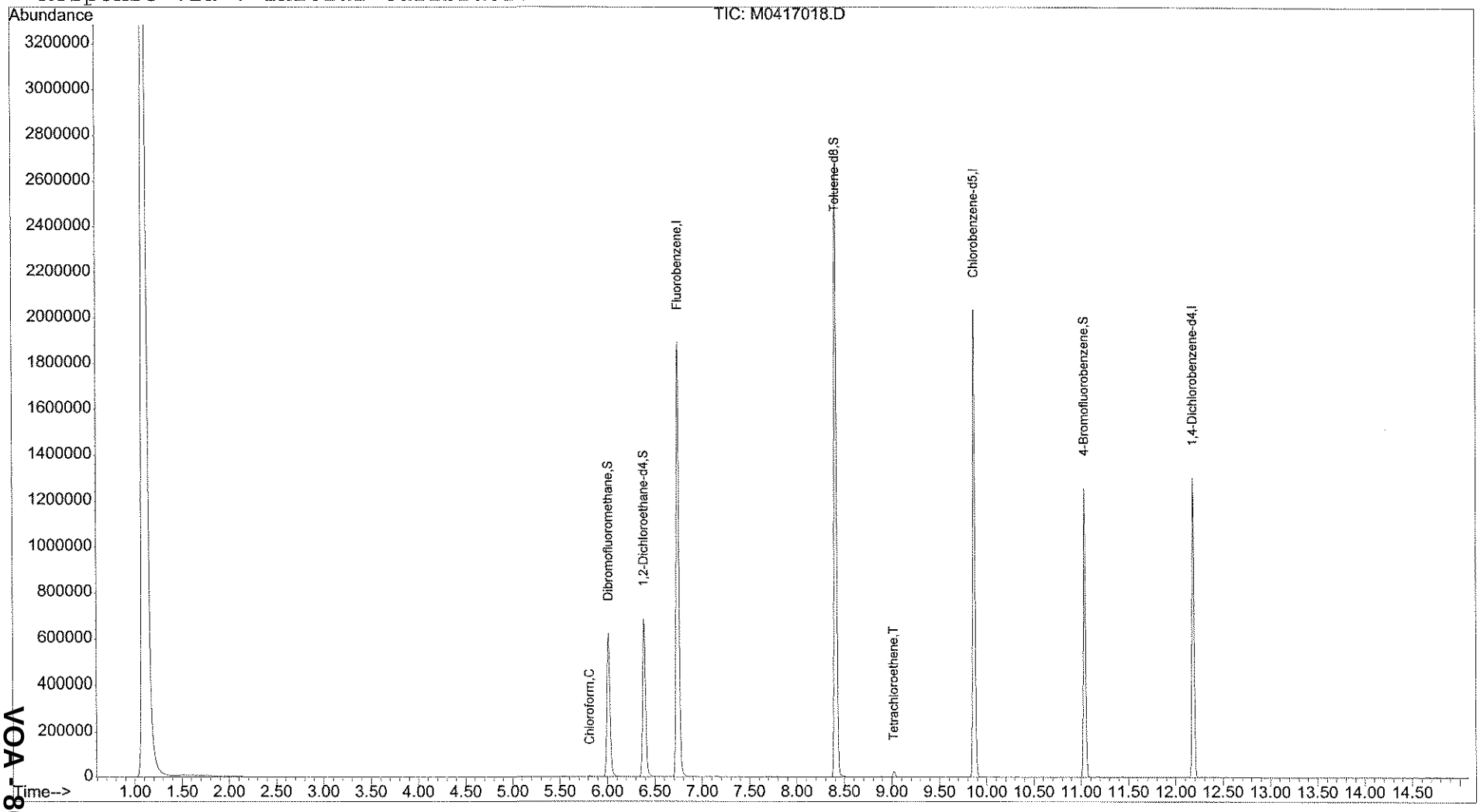
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417018.D Vial: 63
Acq On : 17 Apr 2007 14:25 Operator: DGA
Sample : JPL32-010 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:24 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



VOA-80

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417018.D Vial: 63
Acq On : 17 Apr 2007 14:25 Operator: DGA
Sample : JPL32-010 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:24 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1836817	50.00	ug/l	0.00 94.10%
50) Chlorobenzene-d5	9.86	82	606336	50.00	ug/l	0.00 86.21%
70) 1,4-Dichlorobenzene-d4	12.18	152	320583	50.00	ug/l	0.00 82.36%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	430121	49.63	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.26%			
37) 1,2-Dichloroethane-d4	6.39	65	505947	51.00	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.00%			
51) Toluene-d8	8.41	98	1779569	53.14	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 106.28%			
72) 4-Bromofluorobenzene	11.04	95	369483	55.87	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 111.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.83	96	57	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	2.75	96	56	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	2.98	43	117	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.03	76	438	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	3.93	73	55	N.D.		
22) 1,1-Dichloroethane	4.54	63	2769	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417018.D
Acq On : 17 Apr 2007 14:25
Sample : JPL32-010
Misc : #3 5ml +IS/SS(524)
MS Integration Params: rteint.p
Quant Time: Apr 25 9:24 2007

Vial: 63
Operator: DGA
Inst : MOBY
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	Vinyl acetate	0.00	43	0	N.D.	
24)	Chloroprene	0.00	53	0	N.D.	
25)	2,2-Dichloropropane	5.31	77	84	N.D.	
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.	
27)	2-Butanone	5.48	43	94	N.D.	
28)	Propionitrile	0.00	54	0	N.D.	
29)	Bromochloromethane	5.65	128	58	N.D.	
30)	Methacrylonitrile	0.00	41	0	N.D.	
31)	Chloroform	5.81	83	4173	0.28 ug/l	97
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	0.00	56	0	N.D.	
35)	Carbon Tetrachloride	0.00	117	0	N.D.	
36)	1,1-Dichloropropene	6.09	75	63	N.D.	
38)	Benzene	6.40	78	711	N.D.	
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D. d	
41)	Trichloroethene	7.15	130	1484	N.D.	
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	7.73	83	420	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	8.27	75	71	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	8.48	92	575	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	8.87	69	61	N.D.	
55)	1,1,2-Trichloroethane	8.86	97	59	N.D.	
56)	Tetrachloroethene	9.03	166	7523	1.03 ug/l	89
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D. d	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.90	112	132	N.D.	
62)	1-Chlorohexane	0.00	91	0	N.D. d	
63)	1,1,1,2-Tetrachloroethane	9.88	131	61	N.D.	
64)	Ethylbenzene	9.99	91	662	N.D.	
65)	m,p-Xylene	0.00	106	0	N.D. d	
66)	o-xylene	10.52	106	94	N.D.	
67)	Styrene	0.00	104	0	N.D.	

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

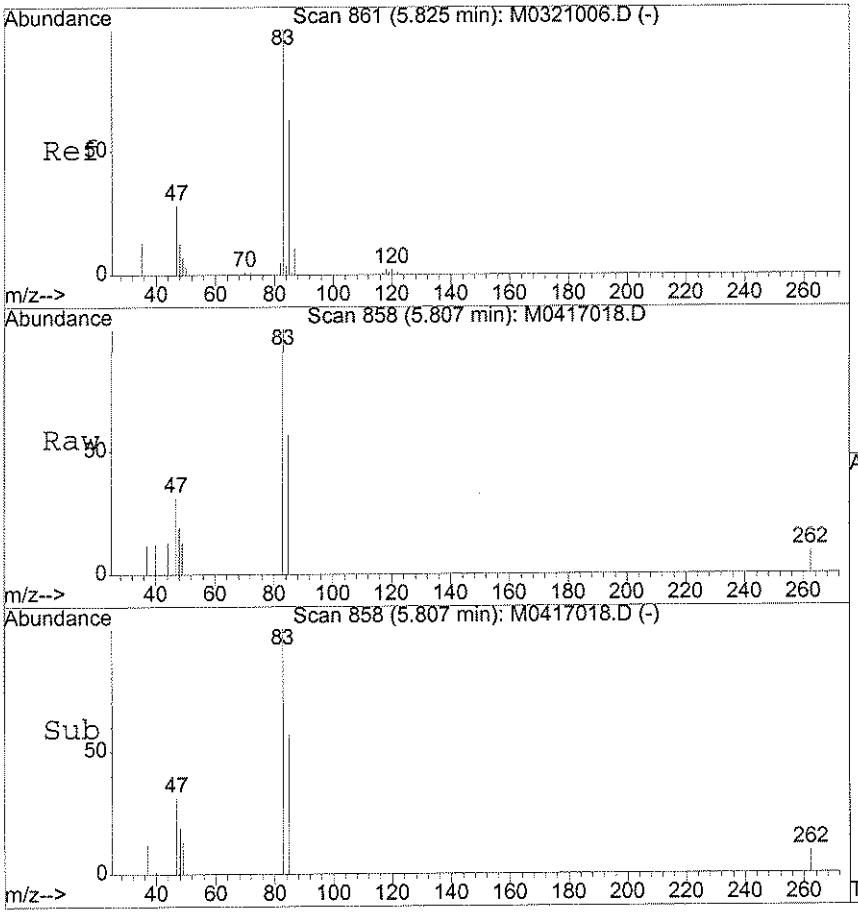
Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417018.D Vial: 63
Acq On : 17 Apr 2007 14:25 Operator: DGA
Sample : JPL32-010 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:24 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	0.00	173	0	N.D.		
69)	Isopropylbenzene	11.03	105	292	N.D.		
71)	trans-1,4-Dichloro-2-buten	11.03	53	97	N.D.		
73)	Bromobenzene	11.03	156	57	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.05	83	93	N.D.		
75)	1,2,3-Trichloropropane	11.20	110	55	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	11.35	91	66	N.D.		
78)	4-Chlorotoluene	11.48	91	72	N.D.		
79)	1,3,5-Trimethylbenzene	11.60	105	59	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.94	105	68	N.D.		
82)	sec-butylbenzene	11.98	105	78	N.D.		
83)	1,3-Dichlorobenzene	12.20	146	81	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.		d
85)	1,4-Dichlorobenzene	12.20	146	81	N.D.		
86)	1,2-Dichlorobenzene	12.59	146	78	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.		d
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		d
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		d

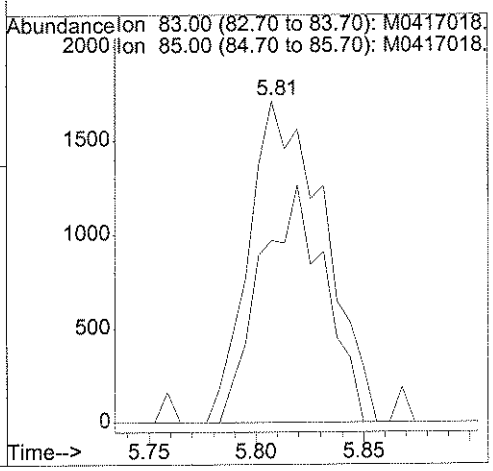
(#) = qualifier out of range (m) = manual integration

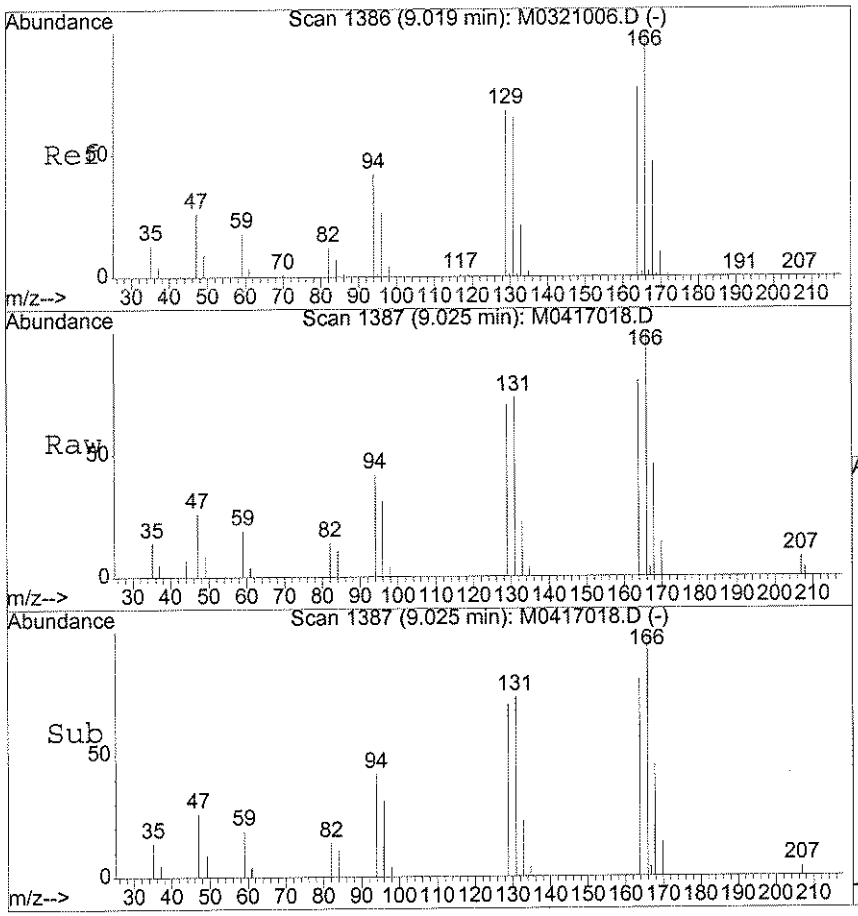


#31
Chloroform
Concen: 0.28 ug/l
RT: 5.81 min Scan# 858
Delta R.T. -0.01 min
Lab File: M0417018.D
Acq: 17 Apr 2007 14:25

Tgt Ion: 83 Resp: 4173

Ion	Ratio	Lower	Upper
83	100		
85	63.5	41.2	81.2

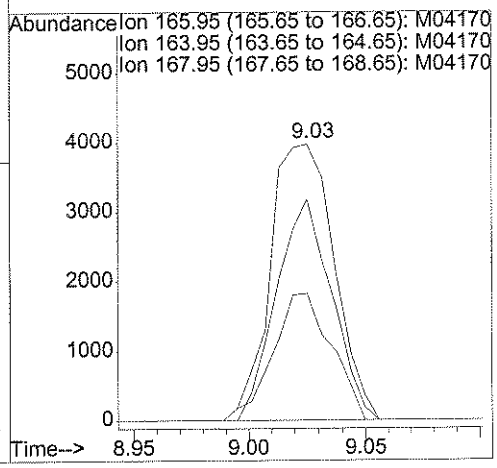




#56
Tetrachloroethene
Concen: 1.03 ug/l
RT: 9.03 min Scan# 1387
Delta R.T. 0.00 min
Lab File: M0417018.D
Acq: 17 Apr 2007 14:25

Tgt Ion:166 Resp: 7523

Ion	Ratio	Lower	Upper
166	100		
164	69.4	63.3	94.9
168	42.1	39.6	59.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-6-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417019.D

Level: (LOW/MED) Date Collected: 04/06/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 14:49

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-6-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417019.D

Level: (LOW/MED) Date Collected: 04/06/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 14:49

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	0.91	J
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-6-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417019.D

Level: (LOW/MED) Date Collected: 04/06/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 14:49

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

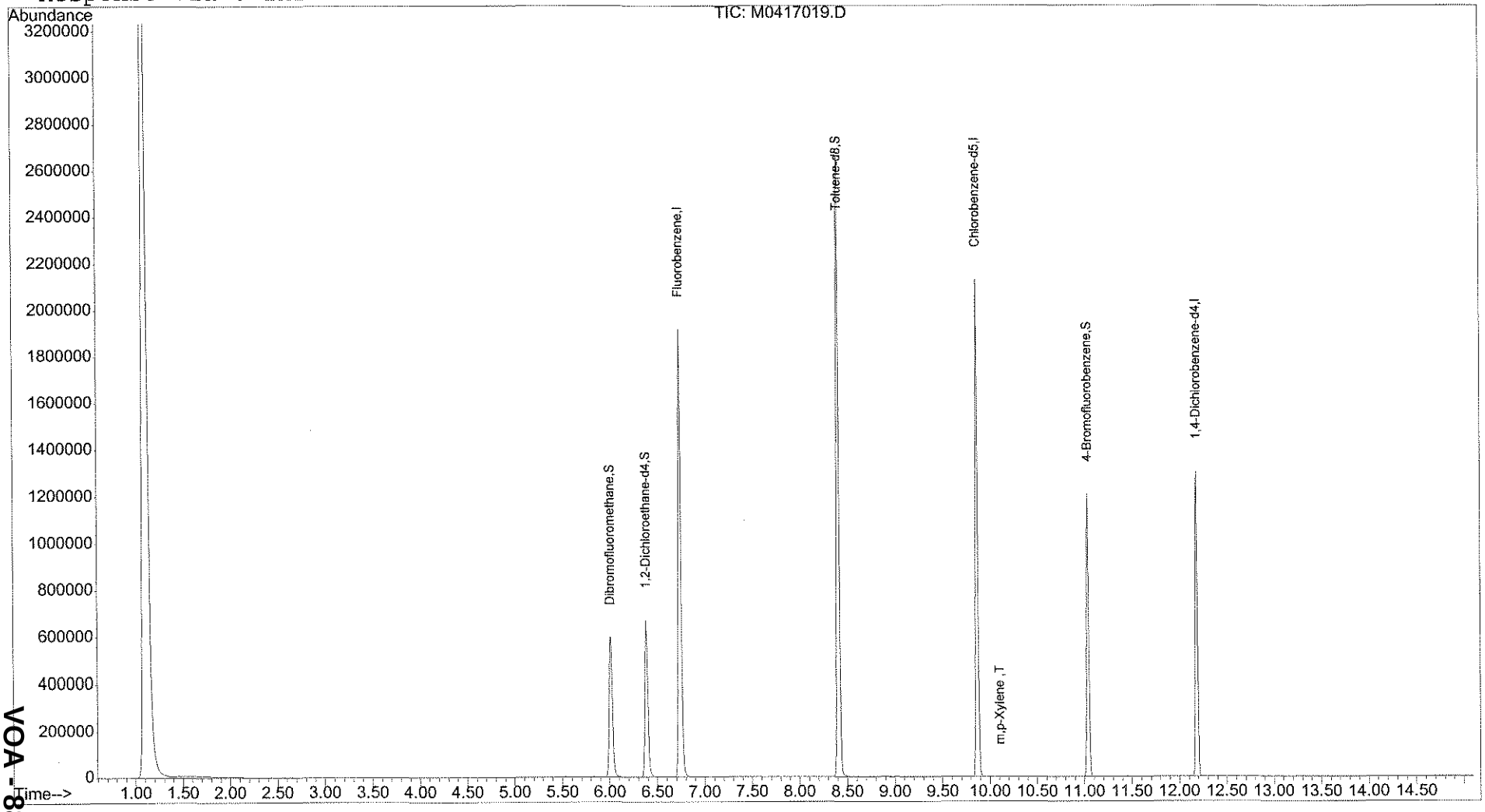
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417019.D Vial: 64
Acq On : 17 Apr 2007 14:49 Operator: DGA
Sample : JPL32-011 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:27 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



VOA-88

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417019.D Vial: 64
Acq On : 17 Apr 2007 14:49 Operator: DGA
Sample : JPL32-011 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:27 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1818907	50.00	ug/l	0.00 93.19%
50) Chlorobenzene-d5	9.87	82	606714	50.00	ug/l	0.00 86.27%
70) 1,4-Dichlorobenzene-d4	12.18	152	319005	50.00	ug/l	0.00 81.96%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	428340	49.92	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.84%			
37) 1,2-Dichloroethane-d4	6.39	65	501205	51.02	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.04%			
51) Toluene-d8	8.41	98	1768088	52.76	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 105.52%			
72) 4-Bromofluorobenzene	11.04	95	357675	54.36	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 108.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.42	50	56	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.83	96	84	N.D.		
6) Chloroethane	1.89	64	76	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.04	76	2090	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	3.38	43	65	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	3.77	96	60	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	4.54	63	1637	N.D.		

(#) = qualifier out of range (m) = manual integration
M0417019.D 8260B.M Wed Apr 25 09:27:21 2007

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417019.D Vial: 64
Acq On : 17 Apr 2007 14:49 Operator: DGA
Sample : JPL32-011 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:27 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	Vinyl acetate	0.00	43	0	N.D.	
24)	Chloroprene	0.00	53	0	N.D.	
25)	2,2-Dichloropropane	0.00	77	0	N.D.	
26)	cis-1,2-Dichloroethene	5.33	96	67	N.D.	
27)	2-Butanone	5.52	43	58	N.D.	
28)	Propionitrile	0.00	54	0	N.D.	
29)	Bromochloromethane	0.00	128	0	N.D.	
30)	Methacrylonitrile	0.00	41	0	N.D.	
31)	Chloroform	5.82	83	2308	N.D.	
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	0.00	56	0	N.D.	
35)	Carbon Tetrachloride	0.00	117	0	N.D.	
36)	1,1-Dichloropropene	0.00	75	0	N.D.	
38)	Benzene	6.41	78	556	N.D.	
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D.	
41)	Trichloroethene	7.15	130	659	N.D.	
42)	Methylcyclohexane	7.41	83	62	N.D.	
43)	1,2-Dichloropropane	7.41	63	58	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	7.48	41	62	N.D.	
46)	Bromodichloromethane	7.72	83	422	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	8.07	75	60	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d
52)	Toluene	8.48	92	809	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	8.98	97	66	N.D.	
56)	Tetrachloroethene	9.02	166	800	N.D.	
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	d
59)	Dibromochloromethane	9.36	129	65	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.89	112	68	N.D.	
62)	1-Chlorohexane	0.00	91	0	N.D.	d
63)	1,1,1,2-Tetrachloroethane	10.18	131	56	N.D.	
64)	Ethylbenzene	9.99	91	517	N.D.	
65)	m,p-Xylene	10.10	106	1007	0.91 ug/l	99
66)	o-xylene	10.50	106	65	N.D.	
67)	Styrene	10.52	104	62	N.D.	

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

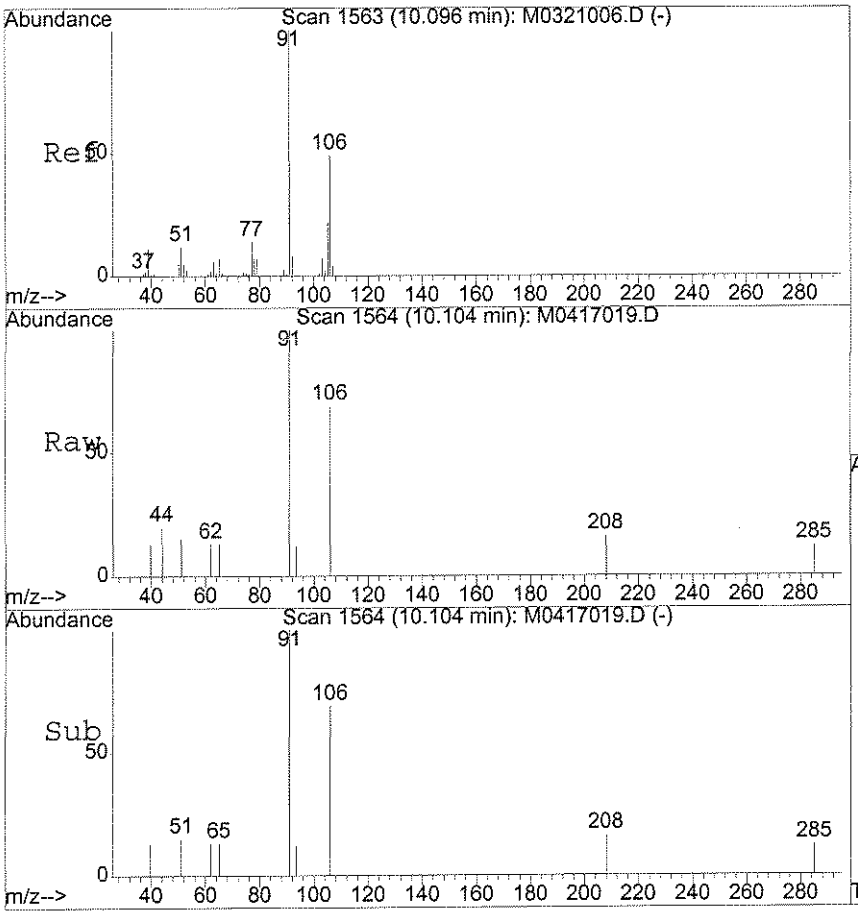
Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417019.D Vial: 64
Acq On : 17 Apr 2007 14:49 Operator: DGA
Sample : JPL32-011 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:27 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

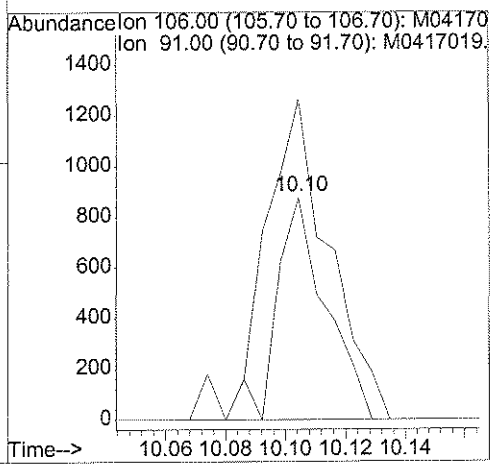
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.74	173	301	N.D.		
69)	Isopropylbenzene	10.86	105	74	N.D.		
71)	trans-1,4-Dichloro-2-buten	11.25	53	75	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.30	83	73	N.D.		
75)	1,2,3-Trichloropropane	11.05	110	59	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	11.39	91	59	N.D.		
78)	4-Chlorotoluene	11.39	91	59	N.D.		
79)	1,3,5-Trimethylbenzene	11.53	105	72	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.95	105	56	N.D.		
82)	sec-butylbenzene	11.95	105	56	N.D.		
83)	1,3-Dichlorobenzene	12.12	146	1234	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.		
85)	1,4-Dichlorobenzene	12.12	146	1234	N.D.		
86)	1,2-Dichlorobenzene	12.58	146	633	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d	
90)	Hexachlorobutadiene	14.33	225	69	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	d	

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



#65
m,p-Xylene
Concen: 0.91 ug/l
RT: 10.10 min Scan# 1564
Delta R.T. -0.00 min
Lab File: M0417019.D
Acq: 17 Apr 2007 14:49

Tgt Ion:106	Resp:	1007	
Ion	Ratio	Lower	Upper
106	100		
91	188.5	169.6	209.6



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-9-4/6/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417020.D

Level: (LOW/MED) Date Collected: 04/06/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 15:13

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-9-4/6/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417020.D

Level: (LOW/MED) Date Collected: 04/06/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 15:13

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.8	
95-47-6	o-Xylene	0.36	J
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-9-4/6/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417020.D

Level: (LOW/MED) Date Collected: 04/06/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 15:13

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

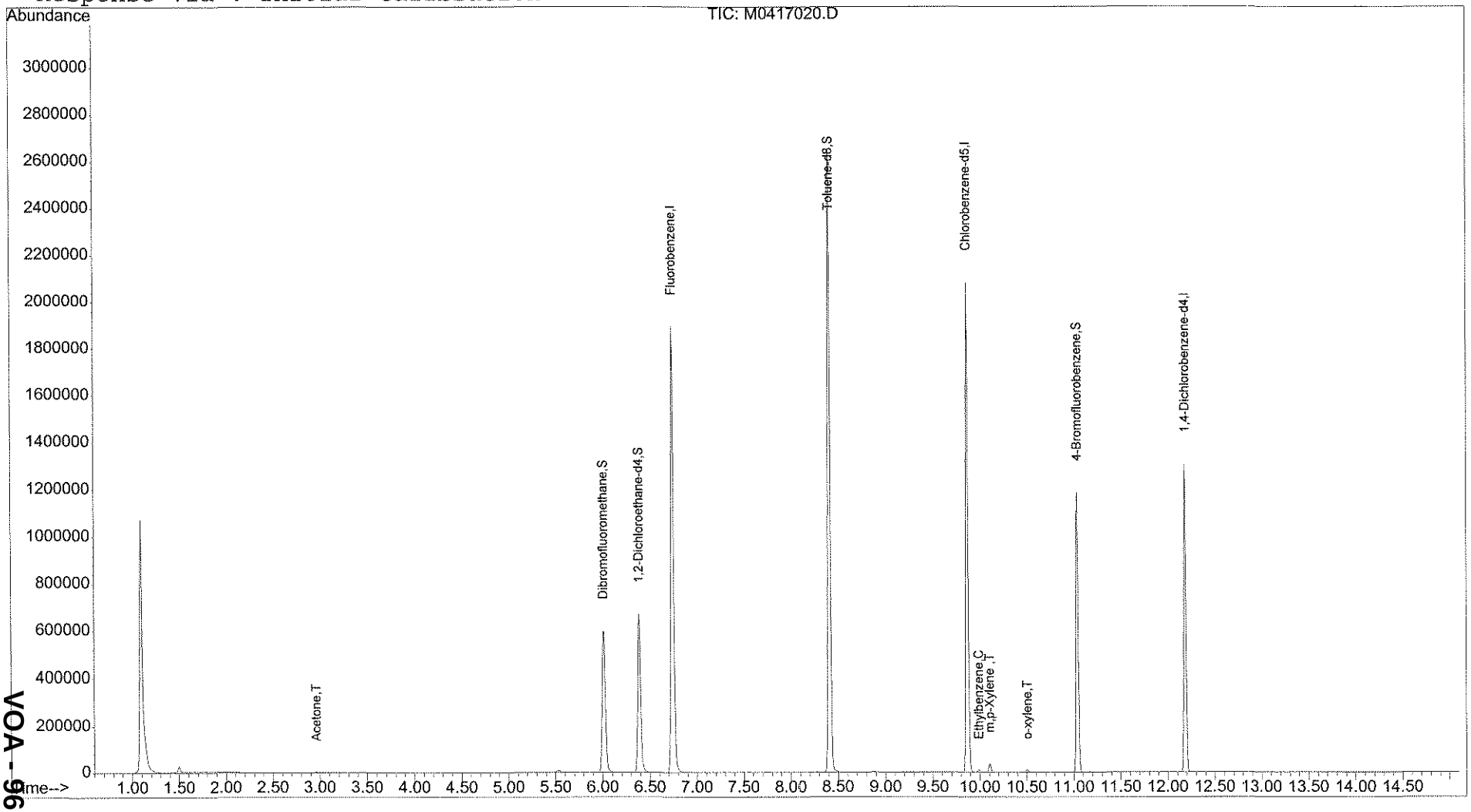
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417020.D Vial: 65
Acq On : 17 Apr 2007 15:13 Operator: DGA
Sample : JPL32-012 Inst : MOBY
Misc : #1 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:28 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



VOA - 96

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417020.D Vial: 65
Acq On : 17 Apr 2007 15:13 Operator: DGA
Sample : JPL32-012 Inst : MOBY
Misc : #1 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:28 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1808933	50.00	ug/l	0.00 92.67%
50) Chlorobenzene-d5	9.87	82	594858	50.00	ug/l	0.00 84.58%
70) 1,4-Dichlorobenzene-d4	12.19	152	322528	50.00	ug/l	0.00 82.86%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	431638	50.58	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.16%			
37) 1,2-Dichloroethane-d4	6.39	65	496979	50.87	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.74%			
51) Toluene-d8	8.41	98	1748775	53.23	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 106.46%			
72) 4-Bromofluorobenzene	11.04	95	358985	53.96	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 107.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.45	50	75	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.83	96	80	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.96	43	5996	3.64	ug/l #	89
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.04	76	198	N.D.		
15) Allyl chloride	3.34	76	56	N.D.		
16) Acetonitrile	3.32	40	62	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		

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

04/25/07

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417020.D Vial: 65
Acq On : 17 Apr 2007 15:13 Operator: DGA
Sample : JPL32-012 Inst : MOBY
Misc : #1 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:28 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) Vinyl acetate	0.00	43	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	0.00	77	0	N.D.	
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
27) 2-Butanone	0.00	43	0	N.D. d	
28) Propionitrile	0.00	54	0	N.D.	
29) Bromochloromethane	5.60	128	59	N.D.	
30) Methacrylonitrile	0.00	41	0	N.D.	
31) Chloroform	5.82	83	555	N.D.	
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
34) Cyclohexane	5.98	56	170	N.D.	
35) Carbon Tetrachloride	0.00	117	0	N.D.	
36) 1,1-Dichloropropene	6.15	75	82	N.D.	
38) Benzene	6.41	78	1060	N.D.	
39) 1,2-Dichloroethane	0.00	62	0	N.D.	
40) Isobutanol	0.00	43	0	N.D.	
41) Trichloroethene	0.00	130	0	N.D.	
42) Methylcyclohexane	0.00	83	0	N.D.	
43) 1,2-Dichloropropane	0.00	63	0	N.D.	
44) Dibromomethane	0.00	93	0	N.D.	
45) Methyl methacrylate	7.60	41	75	N.D.	
46) Bromodichloromethane	0.00	83	0	N.D.	
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48) cis-1,3-Dichloropropene	8.18	75	68	N.D.	
49) 4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52) Toluene	8.48	92	846	N.D.	
53) trans-1,3-Dichloropropene	8.94	75	61	N.D.	
54) Ethyl methacrylate	0.00	69	0	N.D.	
55) 1,1,2-Trichloroethane	0.00	97	0	N.D.	
56) Tetrachloroethene	9.13	166	78	N.D.	
57) 1,3-Dichloropropane	0.00	76	0	N.D.	
58) 2-Hexanone	0.00	43	0	N.D. d	
59) Dibromochloromethane	9.23	129	59	N.D.	
60) 1,2-Dibromoethane	0.00	107	0	N.D.	
61) Chlorobenzene	9.90	112	232	N.D.	
62) 1-Chlorohexane	0.00	91	0	N.D. d	
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64) Ethylbenzene	10.00	91	7405	0.23 ug/l	98
65) m,p-Xylene	10.10	106	10505	1.77 ug/l	88
66) o-xylene	10.50	106	3645	0.36 ug/l	92
67) Styrene	10.51	104	200	N.D.	

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

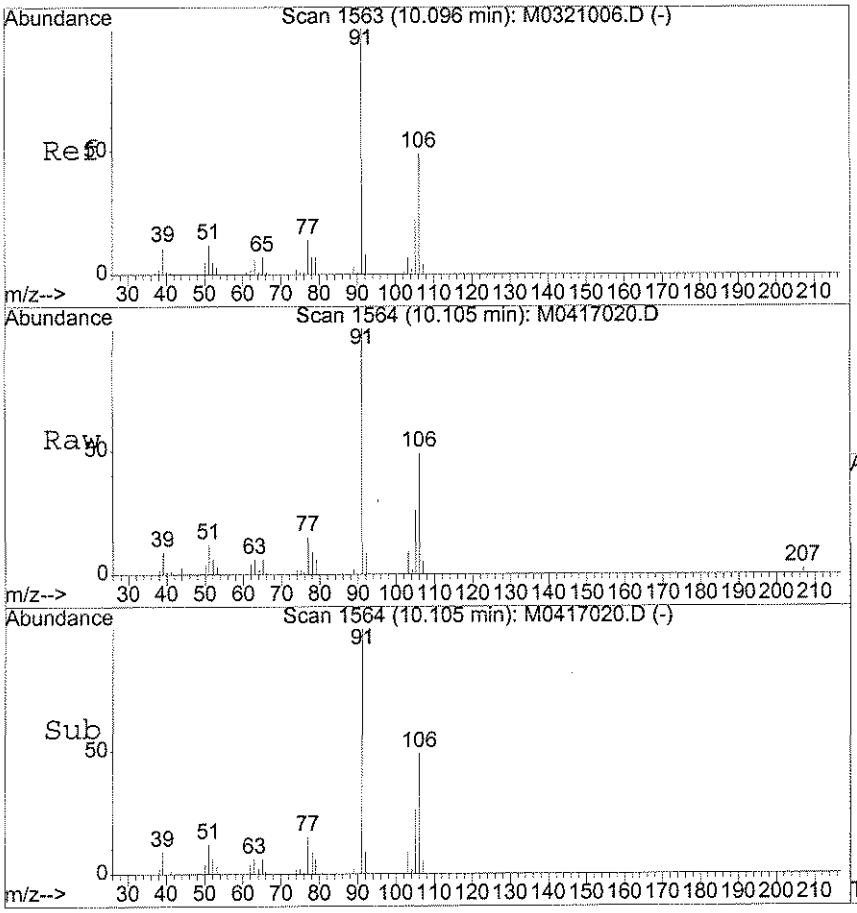
Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417020.D Vial: 65
Acq On : 17 Apr 2007 15:13 Operator: DGA
Sample : JPL32-012 Inst : MOBY
Misc : #1 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:28 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.74	173	90	N.D.		
69)	Isopropylbenzene	10.85	105	133	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.04	83	323	N.D.		
75)	1,2,3-Trichloropropane	11.03	110	248	N.D.		
76)	n-Propylbenzene	11.28	120	63	N.D.		
77)	2-Chlorotoluene	11.36	91	140	N.D.		
78)	4-Chlorotoluene	11.48	91	130	N.D.		
79)	1,3,5-Trimethylbenzene	11.44	105	207	N.D.		
80)	tert-Butylbenzene	11.66	119	59	N.D.		
81)	1,2,4-Trimethylbenzene	11.81	105	436	N.D.		
82)	sec-butylbenzene	11.98	105	57	N.D.		
83)	1,3-Dichlorobenzene	12.20	146	59	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.20	146	59	N.D.		
86)	1,2-Dichlorobenzene	12.85	146	62	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	14.42	225	60	N.D.		
91)	Naphthalene	0.00	128	0	N.D.	d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	d	

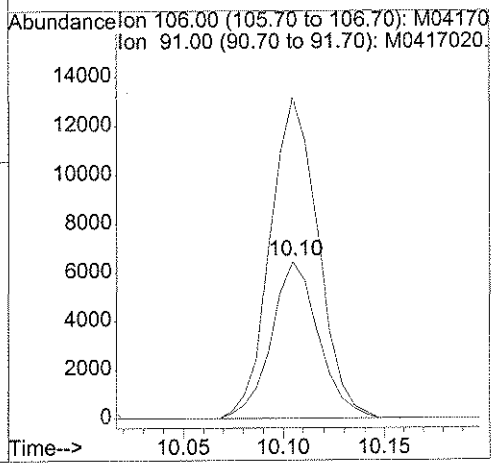
(#) = qualifier out of range (m) = manual integration

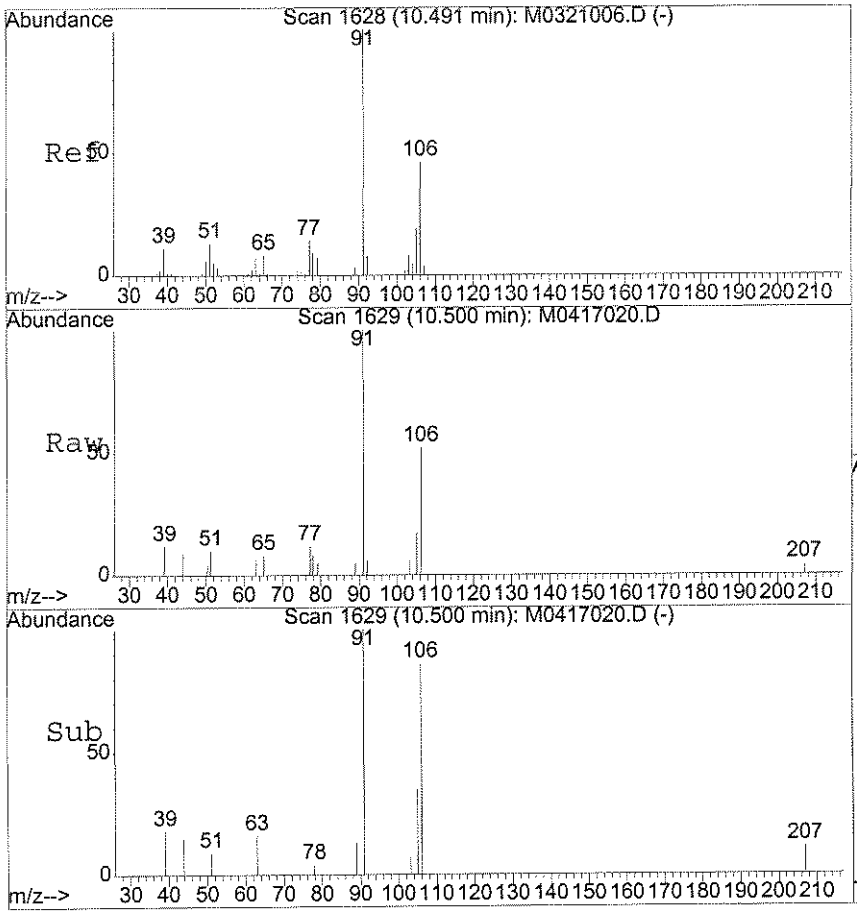


#65
m,p-Xylene
Concen: 1.77 ug/l
RT: 10.10 min Scan# 1564
Delta R.T. -0.00 min
Lab File: M0417020.D
Acq: 17 Apr 2007 15:13

Tgt Ion:106 Resp: 10505

Ion	Ratio	Lower	Upper
106	100		
91	207.5	169.6	209.6

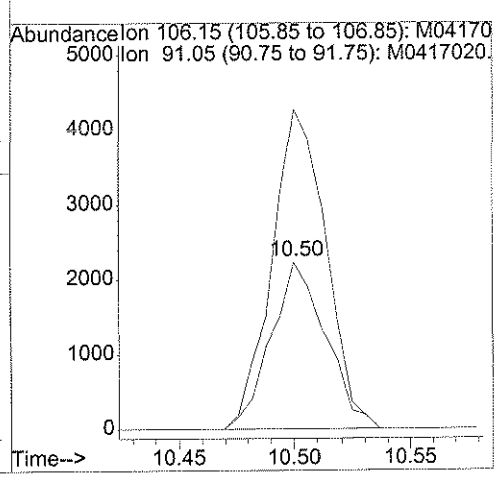


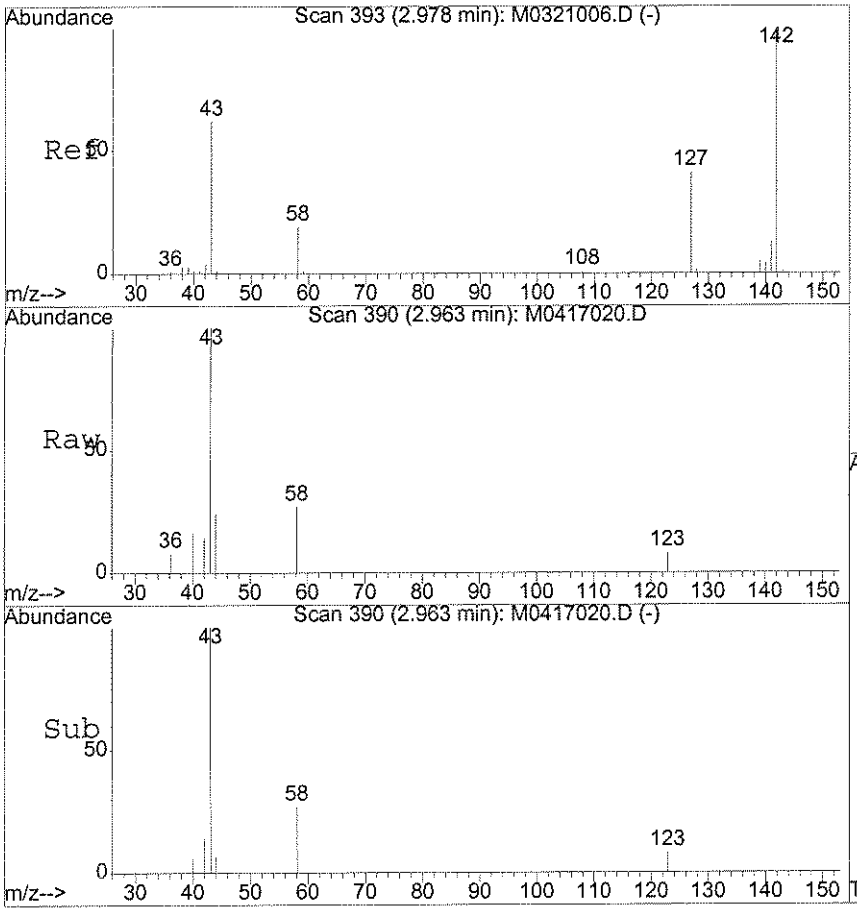


#66
o-xylene
Concen: 0.36 ug/l
RT: 10.50 min Scan# 1629
Delta R.T. -0.00 min
Lab File: M0417020.D
Acq: 17 Apr 2007 15:13

Tgt Ion:106 Resp: 3645

Ion	Ratio	Lower	Upper
106	100		
91	188.3	160.6	240.8

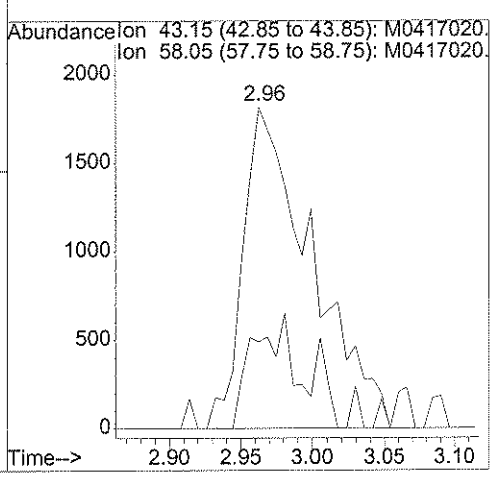


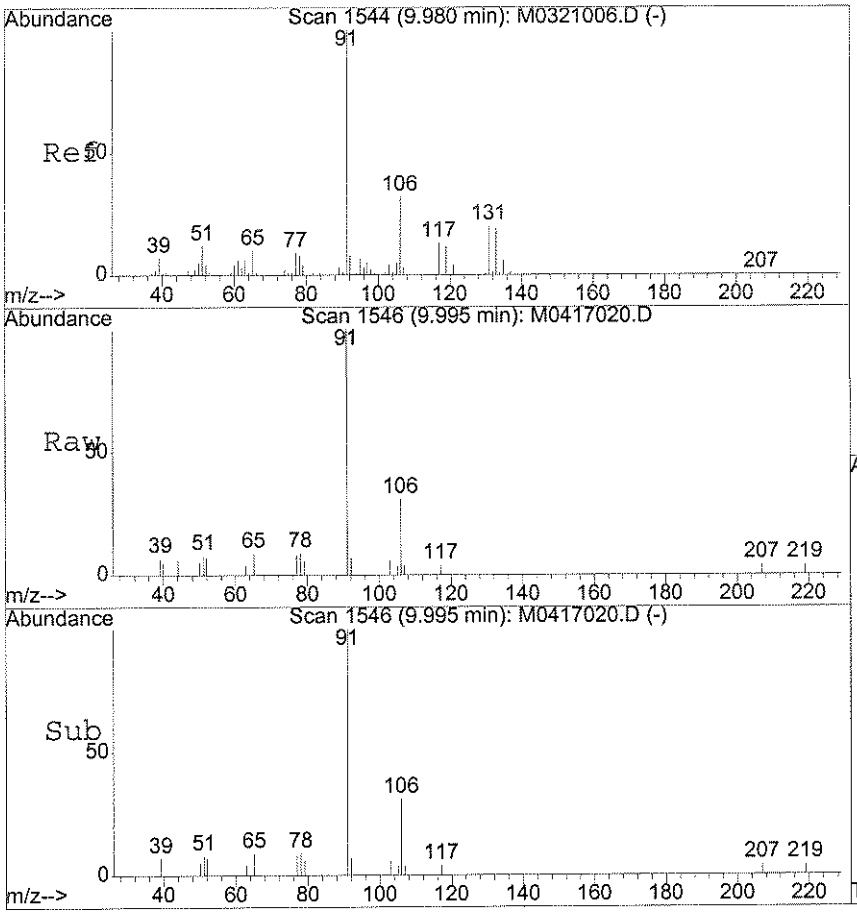


#11
Acetone
Concen: 3.64 ug/l
RT: 2.96 min Scan# 390
Delta R.T. 0.04 min
Lab File: M0417020.D
Acq: 17 Apr 2007 15:13

Tgt Ion: 43 Resp: 5996

Ion	Ratio	Lower	Upper
43	100		
58	21.5	21.9	32.9#

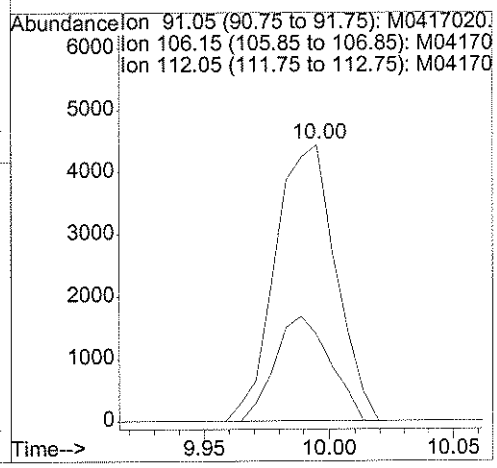




#64
Ethylbenzene
Concen: 0.23 ug/l
RT: 10.00 min Scan# 1546
Delta R.T. 0.00 min
Lab File: M0417020.D
Acq: 17 Apr 2007 15:13

Tgt Ion: 91 Resp: 7405

Ion	Ratio	Lower	Upper
91	100		
106	31.2	26.1	39.1
112	0.0	0.0	0.0



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-9-4/6/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417021.D

Level: (LOW/MED) Date Collected: 04/06/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 15:37

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-9-4/6/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417021.D

Level: (LOW/MED) Date Collected: 04/06/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 15:37

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-9-4/6/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417021.D

Level: (LOW/MED) Date Collected: 04/06/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 15:37

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

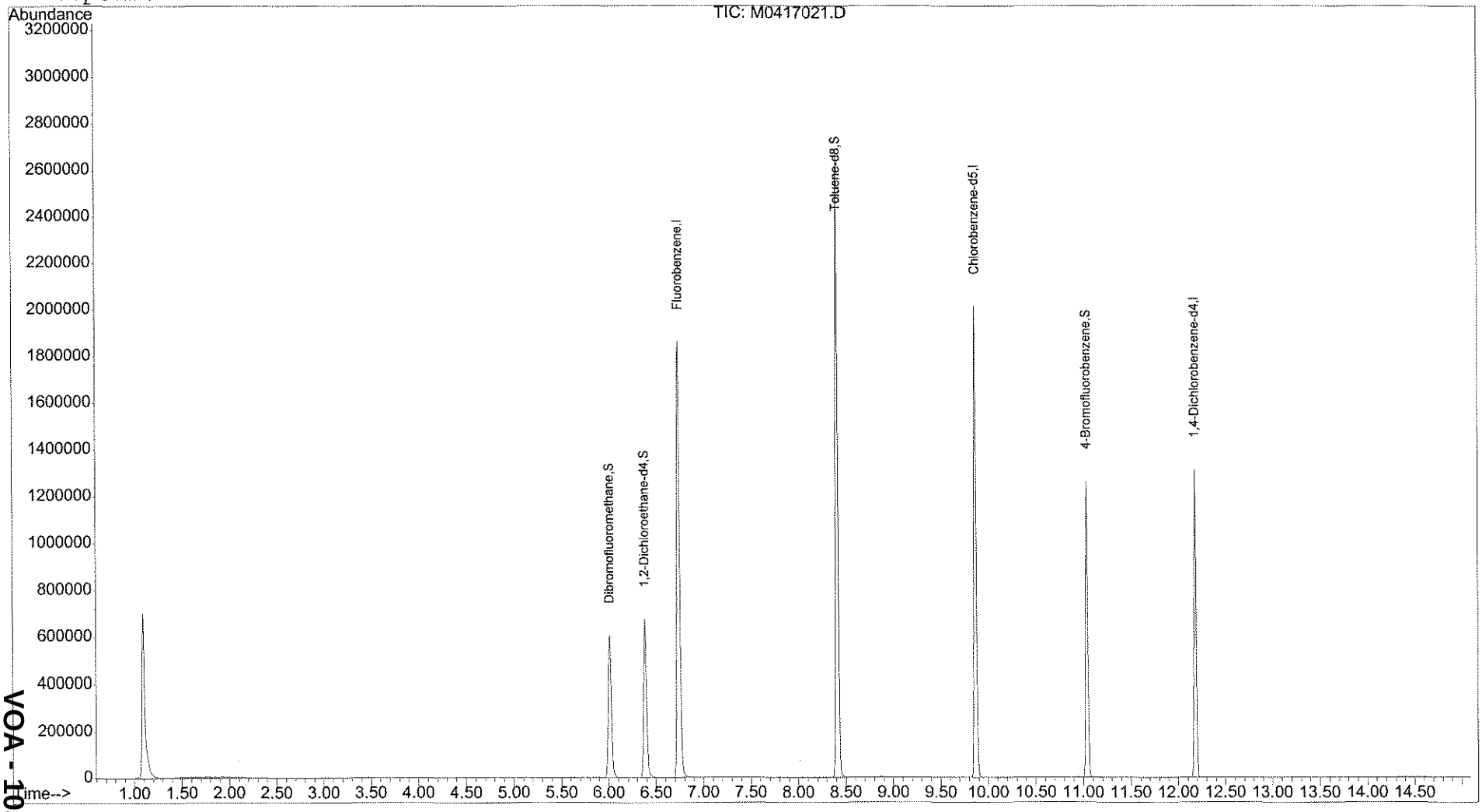
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417021.D Vial: 66
Acq On : 17 Apr 2007 15:37 Operator: DGA
Sample : JPL32-013 Inst : MOBY
Misc : #1 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:29 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



VOA - 105

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417021.D Vial: 66
Acq On : 17 Apr 2007 15:37 Operator: DGA
Sample : JPL32-013 Inst : MOBY
Misc : #1 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:29 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1795219	50.00	ug/l	0.00 91.97%
50) Chlorobenzene-d5	9.86	82	602841	50.00	ug/l	0.00 85.72%
70) 1,4-Dichlorobenzene-d4	12.18	152	317669	50.00	ug/l	0.00 81.61%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	421619	49.78	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.56%			
37) 1,2-Dichloroethane-d4	6.38	65	495128	51.07	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.14%			
51) Toluene-d8	8.41	98	1743034	52.35	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.70%			
72) 4-Bromofluorobenzene	11.04	95	364861	55.68	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 111.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.82	96	77	N.D.		
6) Chloroethane	1.93	64	82	N.D.		
7) Trichlorofluoromethane	2.22	101	59	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	2.99	43	142	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.04	76	74	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	3.32	40	59	N.D.		
17) Methyl Acetate	3.30	43	62	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	3.93	73	58	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417021.D Vial: 66
Acq On : 17 Apr 2007 15:37 Operator: DGA
Sample : JPL32-013 Inst : MOBY
Misc : #1 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:29 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) Vinyl acetate	0.00	43	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	5.31	77	68	N.D.	
26) cis-1,2-Dichloroethene	5.41	96	58	N.D.	
27) 2-Butanone	5.54	43	58	N.D.	
28) Propionitrile	5.59	54	61	N.D.	
29) Bromochloromethane	5.65	128	58	N.D.	
30) Methacrylonitrile	0.00	41	0	N.D.	
31) Chloroform	5.81	83	61	N.D.	
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
34) Cyclohexane	0.00	56	0	N.D.	
35) Carbon Tetrachloride	6.27	117	65	N.D.	
36) 1,1-Dichloropropene	0.00	75	0	N.D.	
38) Benzene	6.41	78	563	N.D.	
39) 1,2-Dichloroethane	0.00	62	0	N.D.	
40) Isobutanol	0.00	43	0	N.D.	
41) Trichloroethene	7.16	130	63	N.D.	
42) Methylcyclohexane	7.32	83	56	N.D.	
43) 1,2-Dichloropropane	0.00	63	0	N.D.	
44) Dibromomethane	0.00	93	0	N.D.	
45) Methyl methacrylate	7.42	41	58	N.D.	
46) Bromodichloromethane	0.00	83	0	N.D.	
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49) 4-Methyl-2-pentanone	0.00	43	0	N.D.	d
52) Toluene	8.49	92	644	N.D.	
53) trans-1,3-Dichloropropene	8.64	75	64	N.D.	
54) Ethyl methacrylate	8.75	69	77	N.D.	
55) 1,1,2-Trichloroethane	8.87	97	57	N.D.	
56) Tetrachloroethene	0.00	166	0	N.D.	
57) 1,3-Dichloropropane	8.90	76	55	N.D.	
58) 2-Hexanone	0.00	43	0	N.D.	
59) Dibromochloromethane	0.00	129	0	N.D.	
60) 1,2-Dibromoethane	0.00	107	0	N.D.	
61) Chlorobenzene	9.89	112	229	N.D.	
62) 1-Chlorohexane	0.00	91	0	N.D.	d
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64) Ethylbenzene	10.10	91	408	N.D.	
65) m,p-Xylene	0.00	106	0	N.D.	d
66) o-xylene	0.00	106	0	N.D.	
67) Styrene	10.52	104	94	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417021.D Vial: 66
Acq On : 17 Apr 2007 15:37 Operator: DGA
Sample : JPL32-013 Inst : MOBY
Misc : #1 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:29 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.73	173	143	N.D.		
69)	Isopropylbenzene	11.04	105	282	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	11.19	156	71	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.30	83	56	N.D.		
75)	1,2,3-Trichloropropane	11.03	110	263	N.D.		
76)	n-Propylbenzene	11.04	120	57	N.D.		
77)	2-Chlorotoluene	11.36	91	72	N.D.		
78)	4-Chlorotoluene	11.48	91	124	N.D.		
79)	1,3,5-Trimethylbenzene	11.45	105	182	N.D.		
80)	tert-Butylbenzene	11.90	119	61	N.D.		
81)	1,2,4-Trimethylbenzene	11.81	105	61	N.D.		
82)	sec-butylbenzene	11.99	105	56	N.D.		
83)	1,3-Dichlorobenzene	12.21	146	111	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.21	146	111	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d	
90)	Hexachlorobutadiene	14.48	225	58	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration
M0417021.D 8260B.M Wed Apr 25 09:29:52 2007 Page 3

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417022.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 16:01

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417022.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 16:01

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417022.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 16:01

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

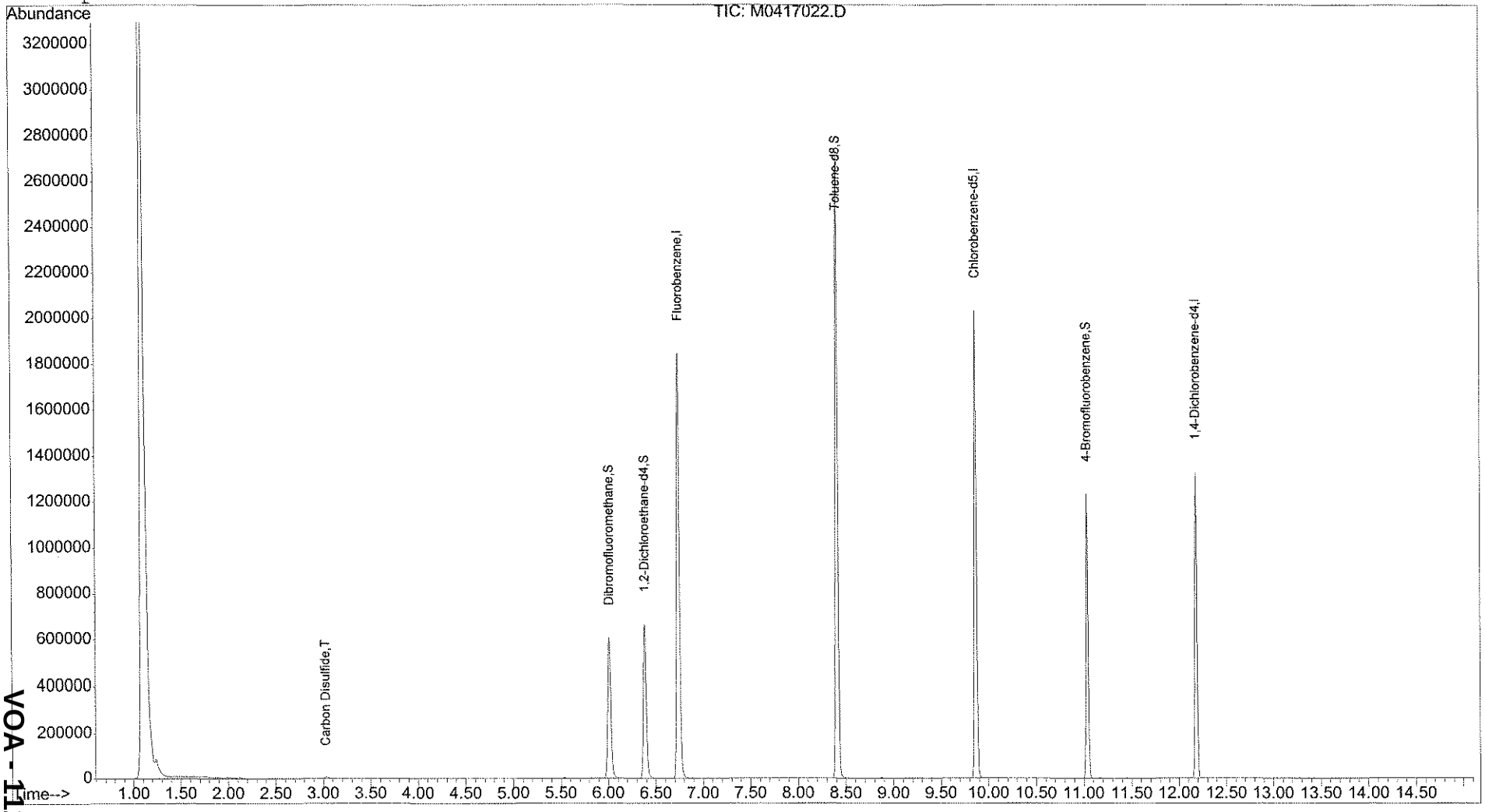
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417022.D Vial: 67
Acq On : 17 Apr 2007 16:01 Operator: DGA
Sample : JPL32-014 Inst : MOBY
Misc : #1 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:31 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417022.D Vial: 67
Acq On : 17 Apr 2007 16:01 Operator: DGA
Sample : JPL32-014 Inst : MOBY
Misc : #1 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:31 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1802294	50.00	ug/l	0.00 92.33%
50) Chlorobenzene-d5	9.87	82	609316	50.00	ug/l	0.00 86.64%
70) 1,4-Dichlorobenzene-d4	12.18	152	319441	50.00	ug/l	0.00 82.07%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	428974	50.45	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.90%			
37) 1,2-Dichloroethane-d4	6.38	65	497624	51.13	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.26%			
51) Toluene-d8	8.41	98	1774778	52.74	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 105.48%			
72) 4-Bromofluorobenzene	11.04	95	360166	54.66	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 109.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.45	50	60	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.86	96	61	N.D.		
6) Chloroethane	1.96	64	363	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	2.96	108	73	N.D.		
14) Carbon Disulfide	3.03	76	11979	0.67	ug/l	100
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417022.D Vial: 67
Acq On : 17 Apr 2007 16:01 Operator: DGA
Sample : JPL32-014 Inst : MOBY
Misc : #1 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:31 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	5.35	96	98	N.D.		
27) 2-Butanone	5.37	43	75	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	0.00	83	0	N.D.		
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	6.41	78	700	N.D.		
39) 1,2-Dichloroethane	0.00	62	0	N.D.		
40) Isobutanol	0.00	43	0	N.D.		d
41) Trichloroethene	0.00	130	0	N.D.		
42) Methylcyclohexane	7.30	83	65	N.D.		
43) 1,2-Dichloropropane	0.00	63	0	N.D.		
44) Dibromomethane	7.72	93	82	N.D.		
45) Methyl methacrylate	0.00	41	0	N.D.		
46) Bromodichloromethane	0.00	83	0	N.D.		
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48) cis-1,3-Dichloropropene	8.12	75	74	N.D.		
49) 4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52) Toluene	8.48	92	1008	N.D.		
53) trans-1,3-Dichloropropene	8.89	75	60	N.D.		
54) Ethyl methacrylate	0.00	69	0	N.D.		
55) 1,1,2-Trichloroethane	8.85	97	68	N.D.		
56) Tetrachloroethene	0.00	166	0	N.D.		
57) 1,3-Dichloropropane	0.00	76	0	N.D.		
58) 2-Hexanone	0.00	43	0	N.D.		d
59) Dibromochloromethane	9.12	129	63	N.D.		
60) 1,2-Dibromoethane	0.00	107	0	N.D.		
61) Chlorobenzene	9.91	112	77	N.D.		
62) 1-Chlorohexane	0.00	91	0	N.D.		d
63) 1,1,1,2-Tetrachloroethane	9.88	131	58	N.D.		
64) Ethylbenzene	9.99	91	693	N.D.		
65) m,p-Xylene	0.00	106	0	N.D.		d
66) o-xylene	10.52	106	60	N.D.		
67) Styrene	10.53	104	81	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417022.D Vial: 67
Acq On : 17 Apr 2007 16:01 Operator: DGA
Sample : JPL32-014 Inst : MOBY
Misc : #1 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:31 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.74	173	64	N.D.		
69)	Isopropylbenzene	11.02	105	300	N.D.		
71)	trans-1,4-Dichloro-2-buten	10.75	53	67	N.D.		
73)	Bromobenzene	11.04	156	118	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.03	83	404	N.D.		
75)	1,2,3-Trichloropropane	11.05	110	60	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	11.28	91	70	N.D.		
78)	4-Chlorotoluene	11.28	91	70	N.D.		
79)	1,3,5-Trimethylbenzene	11.32	105	74	N.D.		
80)	tert-Butylbenzene	12.01	119	64	N.D.		
81)	1,2,4-Trimethylbenzene	11.98	105	235	N.D.		
82)	sec-butylbenzene	11.98	105	235	N.D.		
83)	1,3-Dichlorobenzene	12.21	146	78	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.21	146	78	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d	
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	d	

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-015

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417023.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 16:25

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-015

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417023.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 16:25

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-015

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417023.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 16:25

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

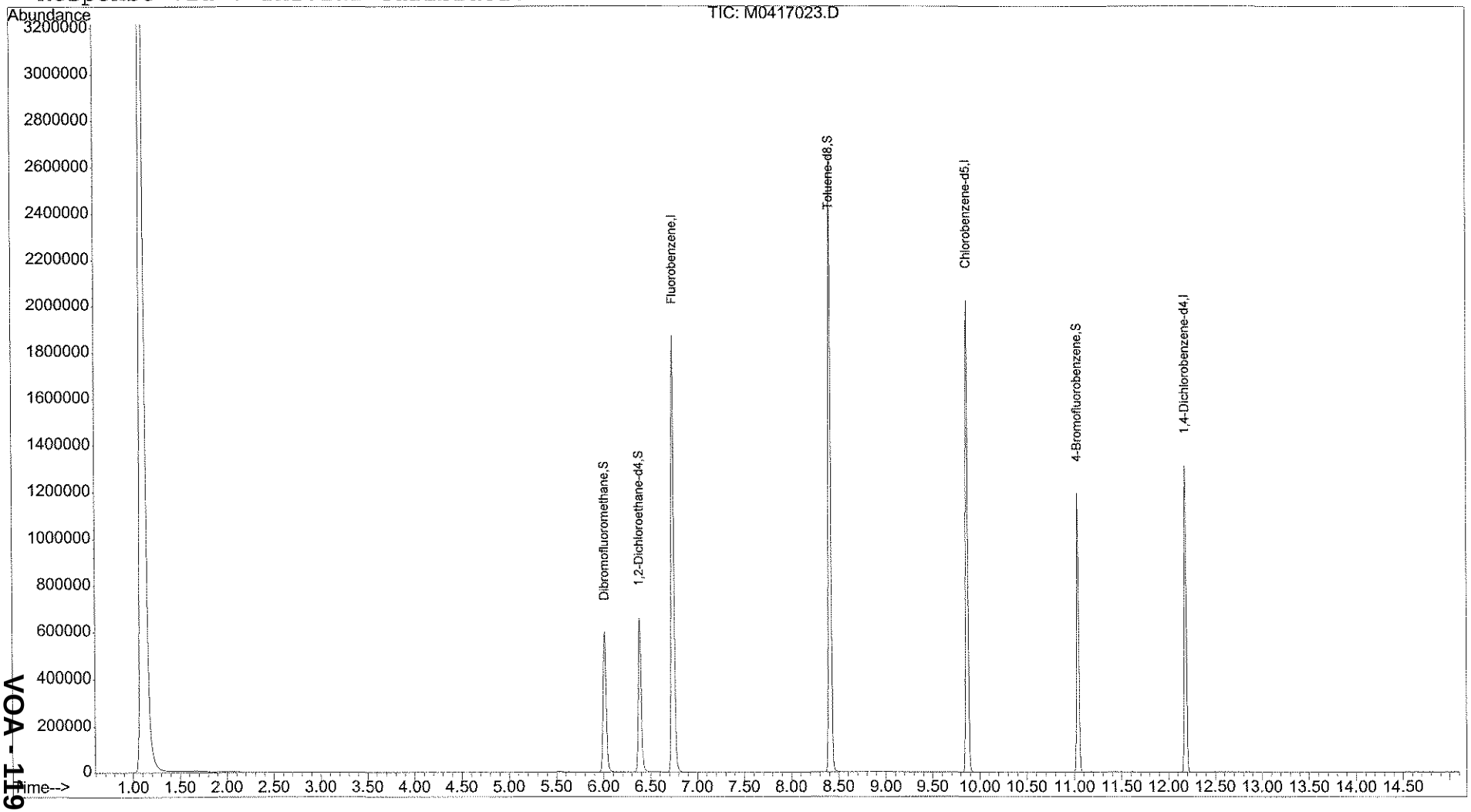
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417023.D Vial: 68
Acq On : 17 Apr 2007 16:25 Operator: DGA
Sample : JPL32-015 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:32 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



VOA - 119

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417023.D Vial: 68
Acq On : 17 Apr 2007 16:25 Operator: DGA
Sample : JPL32-015 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:32 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1774536	50.00	ug/l	0.00 90.91%
50) Chlorobenzene-d5	9.87	82	595127	50.00	ug/l	0.00 84.62%
70) 1,4-Dichlorobenzene-d4	12.18	152	317668	50.00	ug/l	0.00 81.61%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	422068	50.41	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.82%			
37) 1,2-Dichloroethane-d4	6.38	65	486967	50.81	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.62%			
51) Toluene-d8	8.41	98	1733994	52.75	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 105.50%			
72) 4-Bromofluorobenzene	11.04	95	349921	53.40	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 106.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.41	50	194	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.79	96	165	N.D.		
6) Chloroethane	1.97	64	72	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	2.84	96	55	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.97	43	226	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.03	76	750	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	3.87	96	120	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417023.D Vial: 68
Acq On : 17 Apr 2007 16:25 Operator: DGA
Sample : JPL32-015 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:32 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
23) Vinyl acetate	4.69	43	57	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	5.28	96	56	N.D.		
27) 2-Butanone	5.44	43	57	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	5.81	83	545	N.D.		
32) 1,1,1-Trichloroethane	6.06	97	126	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	6.14	117	58	N.D.		
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	6.41	78	823	N.D.		
39) 1,2-Dichloroethane	6.40	62	315	N.D.		
40) Isobutanol	0.00	43	0	N.D.		d
41) Trichloroethene	0.00	130	0	N.D.		
42) Methylcyclohexane	0.00	83	0	N.D.		
43) 1,2-Dichloropropane	0.00	63	0	N.D.		
44) Dibromomethane	0.00	93	0	N.D.		
45) Methyl methacrylate	7.66	41	68	N.D.		
46) Bromodichloromethane	0.00	83	0	N.D.		
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48) cis-1,3-Dichloropropene	8.32	75	58	N.D.		
49) 4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52) Toluene	8.48	92	580	N.D.		
53) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54) Ethyl methacrylate	0.00	69	0	N.D.		
55) 1,1,2-Trichloroethane	0.00	97	0	N.D.		
56) Tetrachloroethene	8.96	166	67	N.D.		
57) 1,3-Dichloropropane	0.00	76	0	N.D.		
58) 2-Hexanone	0.00	43	0	N.D.		d
59) Dibromochloromethane	0.00	129	0	N.D.		
60) 1,2-Dibromoethane	0.00	107	0	N.D.		
61) Chlorobenzene	9.91	112	55	N.D.		
62) 1-Chlorohexane	0.00	91	0	N.D.		d
63) 1,1,1,2-Tetrachloroethane	10.14	131	78	N.D.		
64) Ethylbenzene	9.98	91	191	N.D.		
65) m,p-Xylene	0.00	106	0	N.D.		d
66) o-xylene	10.50	106	56	N.D.		
67) Styrene	0.00	104	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417023.D Vial: 68
Acq On : 17 Apr 2007 16:25 Operator: DGA
Sample : JPL32-015 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:32 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.74	173	115	N.D.		
69)	Isopropylbenzene	11.04	105	393	N.D.		
71)	trans-1,4-Dichloro-2-buten	10.81	53	55	N.D.		
73)	Bromobenzene	11.03	156	140	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.04	83	157	N.D.		
75)	1,2,3-Trichloropropane	11.03	110	222	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	11.37	91	80	N.D.		
78)	4-Chlorotoluene	11.49	91	201	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.97	105	63	N.D.		
82)	sec-butylbenzene	11.97	105	63	N.D.		
83)	1,3-Dichlorobenzene	12.12	146	68	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.21	146	153	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	13.25	157	75	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	14.33	225	70	N.D.		
91)	Naphthalene	0.00	128	0	N.D.	d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-016

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417024.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 16:49

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.95	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-016

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417024.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 16:49

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	0.87	J
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-016

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417024.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 16:49

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

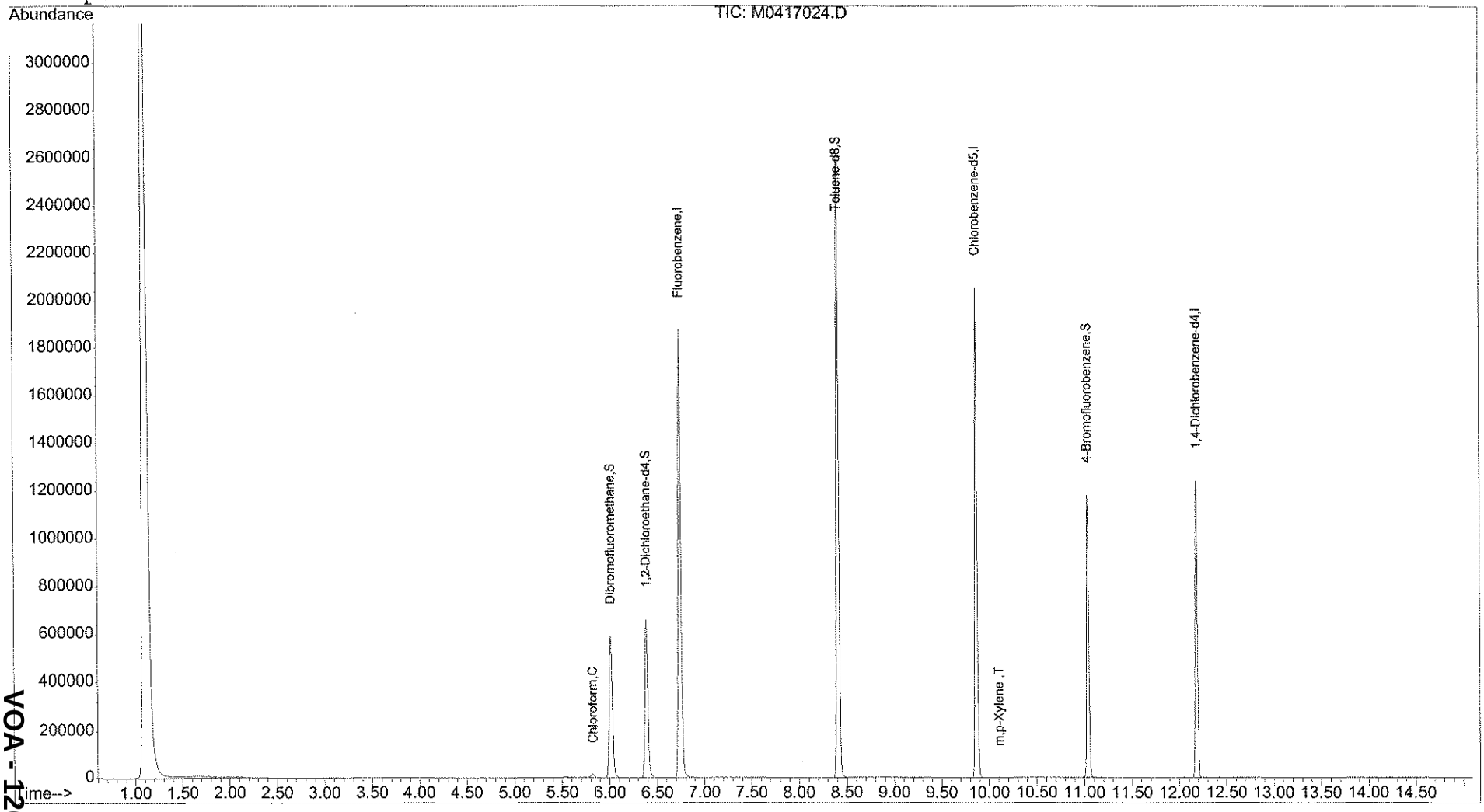
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417024.D Vial: 69
Acq On : 17 Apr 2007 16:49 Operator: DGA
Sample : JPL32-016 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:33 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



VOA - 126

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417024.D Vial: 69
Acq On : 17 Apr 2007 16:49 Operator: DGA
Sample : JPL32-016 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:33 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1770473	50.00	ug/l	0.00 90.70%
50) Chlorobenzene-d5	9.87	82	586454	50.00	ug/l	0.00 83.39%
70) 1,4-Dichlorobenzene-d4	12.19	152	318684	50.00	ug/l	0.00 81.88%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	419008	50.16	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.32%			
37) 1,2-Dichloroethane-d4	6.39	65	494577	51.73	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.46%			
51) Toluene-d8	8.41	98	1724326	53.24	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 106.48%			
72) 4-Bromofluorobenzene	11.04	95	351084	53.41	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 106.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.42	50	61	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	1.95	64	61	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	2.73	96	57	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	2.98	43	199	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.02	76	406	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	3.28	43	60	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417024.D Vial: 69
Acq On : 17 Apr 2007 16:49 Operator: DGA
Sample : JPL32-016 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:33 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	Vinyl acetate	0.00	43	0	N.D.	
24)	Chloroprene	4.67	53	55	N.D.	
25)	2,2-Dichloropropane	0.00	77	0	N.D.	
26)	cis-1,2-Dichloroethene	5.50	96	69	N.D.	
27)	2-Butanone	5.56	43	141	N.D.	
28)	Propionitrile	0.00	54	0	N.D.	
29)	Bromochloromethane	0.00	128	0	N.D.	
30)	Methacrylonitrile	5.76	41	62	N.D.	
31)	Chloroform	5.82	83	13522	0.95 ug/l	96
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	6.00	56	71	N.D.	
35)	Carbon Tetrachloride	6.13	117	56	N.D.	
36)	1,1-Dichloropropene	6.16	75	55	N.D.	
38)	Benzene	6.41	78	767	N.D.	
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D. d	
41)	Trichloroethene	7.15	130	510	N.D.	
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	7.52	93	68	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	7.71	83	389	N.D.	
47)	2-Chloroethyl vinyl ether	8.12	63	56	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	8.49	92	322	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	9.03	166	157	N.D.	
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	
59)	Dibromochloromethane	9.32	129	61	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.90	112	61	N.D.	
62)	1-Chlorohexane	0.00	91	0	N.D. d	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	9.99	91	518	N.D.	
65)	m,p-Xylene	10.11	106	589	0.87 ug/l	93
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	10.66	104	59	N.D.	

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

04/25/07

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417024.D
Acq On : 17 Apr 2007 16:49
Sample : JPL32-016
Misc : #2 5ml +IS/SS(524)
MS Integration Params: rteint.p
Quant Time: Apr 25 9:33 2007

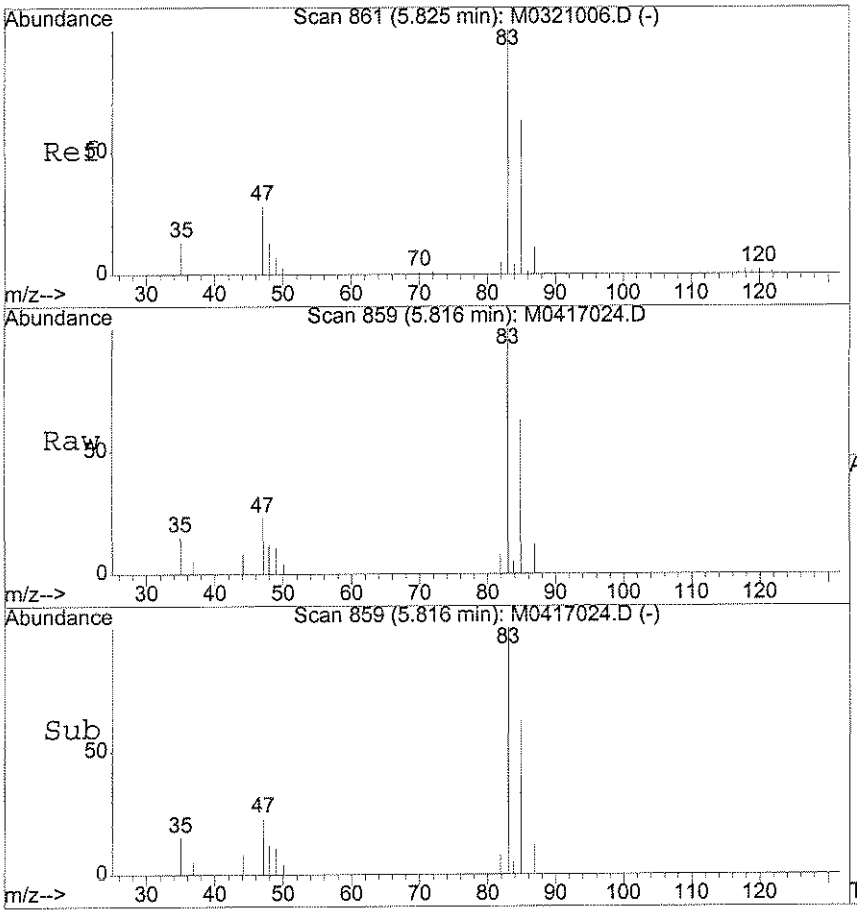
Vial: 69
Operator: DGA
Inst : MOBY
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.73	173	66	N.D.		
69)	Isopropylbenzene	11.03	105	735	N.D.		
71)	trans-1,4-Dichloro-2-buten	10.98	53	64	N.D.		
73)	Bromobenzene	11.05	156	56	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.38	83	77	N.D.		
75)	1,2,3-Trichloropropane	11.04	110	224	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	11.26	91	139	N.D.		
78)	4-Chlorotoluene	11.67	91	65	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	11.75	119	60	N.D.		
81)	1,2,4-Trimethylbenzene	11.82	105	78	N.D.		
82)	sec-butylbenzene	11.99	105	57	N.D.		
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
86)	1,2-Dichlorobenzene	12.58	146	63	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d	
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

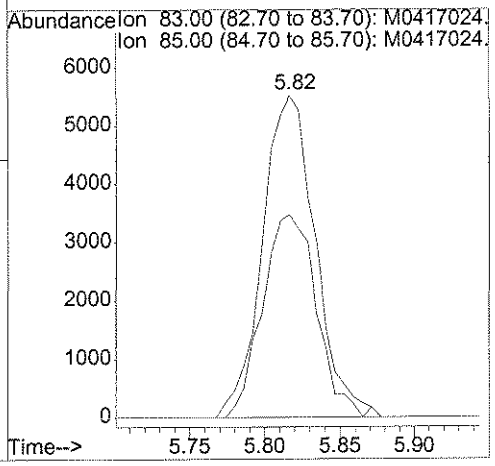
(#) = qualifier out of range (m) = manual integration

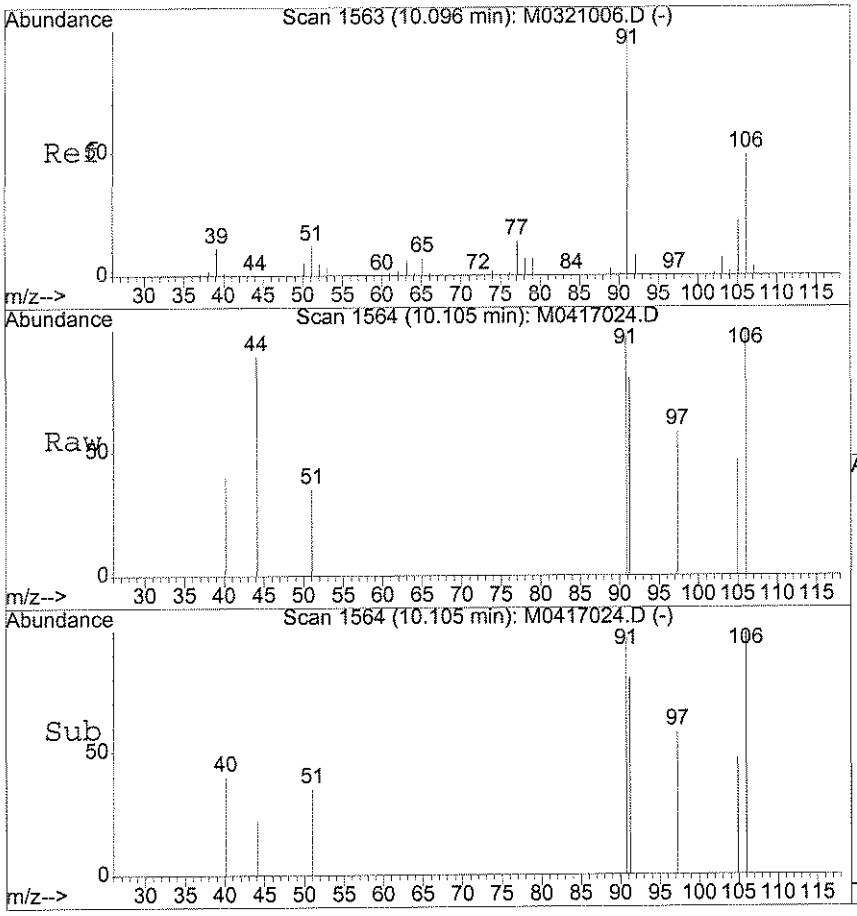


#31
Chloroform
Concen: 0.95 ug/l
RT: 5.82 min Scan# 859
Delta R.T. 0.00 min
Lab File: M0417024.D
Acq: 17 Apr 2007 16:49

Tgt Ion: 83 Resp: 13522

Ion	Ratio	Lower	Upper
83	100		
85	64.4	41.2	81.2

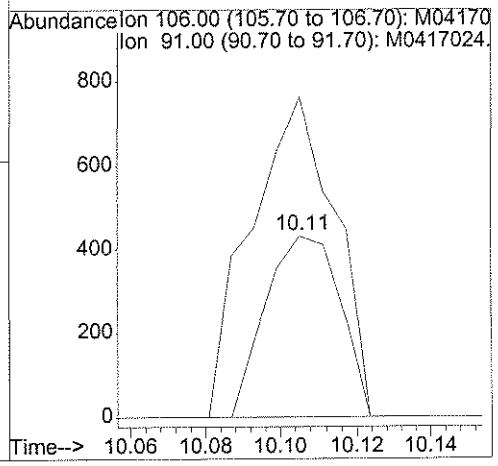




#65
m,p-Xylene
Concen: 0.87 ug/l
RT: 10.11 min Scan# 1564
Delta R.T. -0.00 min
Lab File: M0417024.D
Acq: 17 Apr 2007 16:49

Tgt Ion:106 Resp: 589

Ion	Ratio	Lower	Upper
106	100		
91	199.8	169.6	209.6



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-017

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417025.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 17:13

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-017

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417025.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 17:13

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-017

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417025.D

Level: (LOW/MED) _____ Date Collected: 04/09/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/17/2007 17:13

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

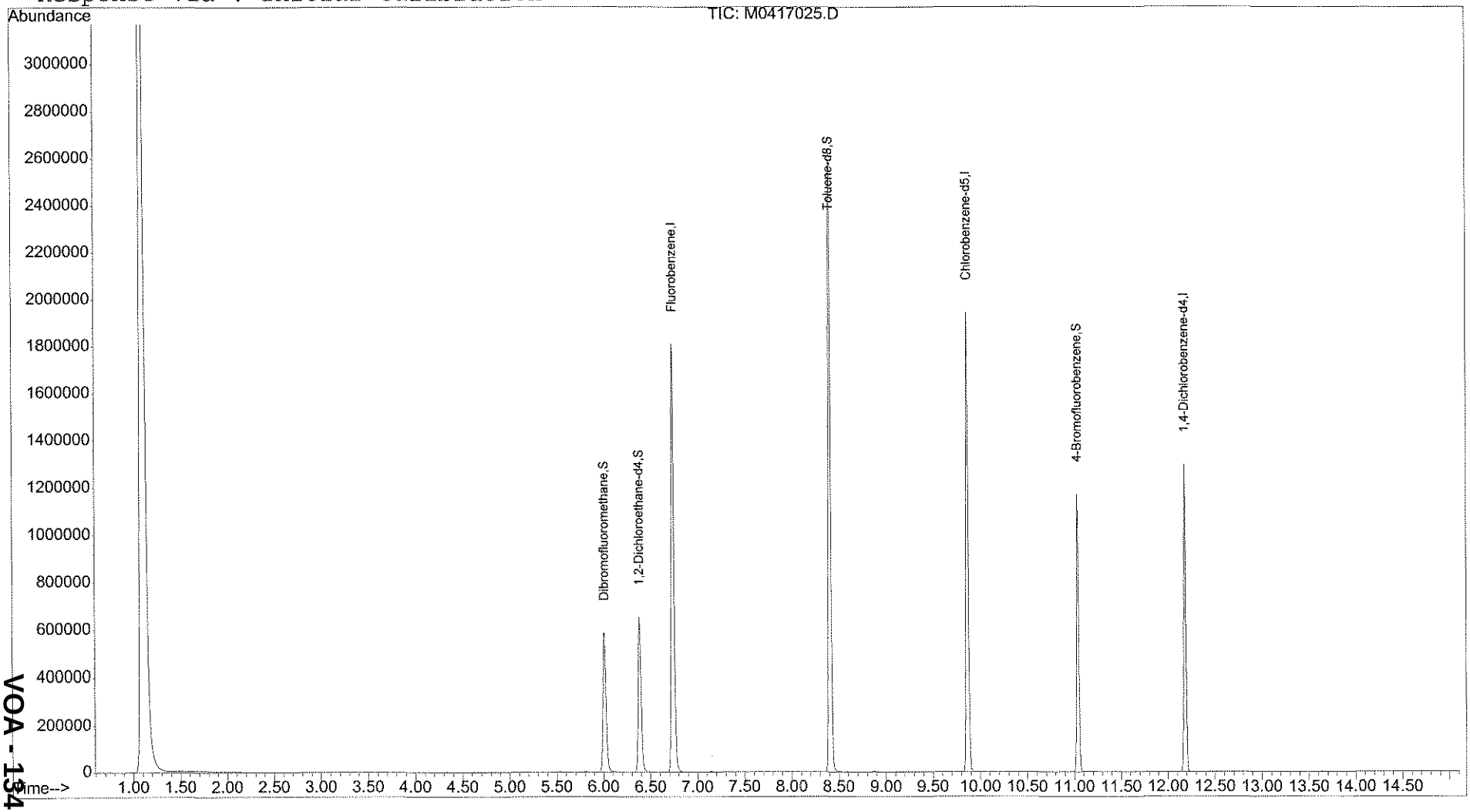
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417025.D Vial: 70
Acq On : 17 Apr 2007 17:13 Operator: DGA
Sample : JPL32-017 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:34 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



VOA - 134

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417025.D Vial: 70
Acq On : 17 Apr 2007 17:13 Operator: DGA
Sample : JPL32-017 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:34 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1761186	50.00	ug/l	0.00 90.23%
50) Chlorobenzene-d5	9.87	82	582899	50.00	ug/l	0.00 82.88%
70) 1,4-Dichlorobenzene-d4	12.18	152	312692	50.00	ug/l	0.00 80.34%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	418684	50.39	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.78%			
37) 1,2-Dichloroethane-d4	6.38	65	487153	51.22	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.44%			
51) Toluene-d8	8.41	98	1717168	53.34	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 106.68%			
72) 4-Bromofluorobenzene	11.04	95	349327	54.16	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 108.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	1.53	62	57	N.D.		
5) Bromomethane	1.86	96	58	N.D.		
6) Chloroethane	1.93	64	82	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	2.96	43	58	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.04	76	905	N.D.		
15) Allyl chloride	3.20	76	55	N.D.		
16) Acetonitrile	3.32	40	58	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	3.93	53	59	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417025.D Vial: 70
Acq On : 17 Apr 2007 17:13 Operator: DGA
Sample : JPL32-017 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:34 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
23) Vinyl acetate	4.57	43	62	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	5.30	77	66	N.D.		
26) cis-1,2-Dichloroethene	5.26	96	58	N.D.		
27) 2-Butanone	5.52	43	55	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	5.57	128	56	N.D.		
30) Methacrylonitrile	5.76	41	56	N.D.		
31) Chloroform	5.82	83	2004	N.D.		
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	6.40	78	705	N.D.		
39) 1,2-Dichloroethane	0.00	62	0	N.D.		
40) Isobutanol	0.00	43	0	N.D.		d
41) Trichloroethene	7.15	130	1293	N.D.		
42) Methylcyclohexane	7.19	83	55	N.D.		
43) 1,2-Dichloropropane	0.00	63	0	N.D.		
44) Dibromomethane	0.00	93	0	N.D.		
45) Methyl methacrylate	0.00	41	0	N.D.		
46) Bromodichloromethane	7.72	83	58	N.D.		
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49) 4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52) Toluene	8.48	92	185	N.D.		
53) trans-1,3-Dichloropropene	8.88	75	55	N.D.		
54) Ethyl methacrylate	0.00	69	0	N.D.		
55) 1,1,2-Trichloroethane	8.88	97	57	N.D.		
56) Tetrachloroethene	0.00	166	0	N.D.		
57) 1,3-Dichloropropane	0.00	76	0	N.D.		
58) 2-Hexanone	0.00	43	0	N.D.		d
59) Dibromochloromethane	9.18	129	55	N.D.		
60) 1,2-Dibromoethane	0.00	107	0	N.D.		
61) Chlorobenzene	9.89	112	202	N.D.		
62) 1-Chlorohexane	0.00	91	0	N.D.		d
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64) Ethylbenzene	9.99	91	134	N.D.		
65) m,p-Xylene	0.00	106	0	N.D.		d
66) o-xylene	0.00	106	0	N.D.		
67) Styrene	0.00	104	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417025.D Vial: 70
Acq On : 17 Apr 2007 17:13 Operator: DGA
Sample : JPL32-017 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:34 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	0.00	173	0	N.D.		
69)	Isopropylbenzene	11.03	105	368	N.D.		
71)	trans-1,4-Dichloro-2-buten	11.04	53	61	N.D.		
73)	Bromobenzene	11.03	156	119	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.04	83	244	N.D.		
75)	1,2,3-Trichloropropane	11.04	110	57	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	11.27	91	69	N.D.		
78)	4-Chlorotoluene	11.27	91	69	N.D.		
79)	1,3,5-Trimethylbenzene	11.45	105	60	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.59	105	69	N.D.		
82)	sec-butylbenzene	12.10	105	61	N.D.		
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
86)	1,2-Dichlorobenzene	12.58	146	61	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d	
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-018

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417026.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 17:37

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-018

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417026.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 17:37

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	0.85	J
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-018

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417026.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 17:37

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

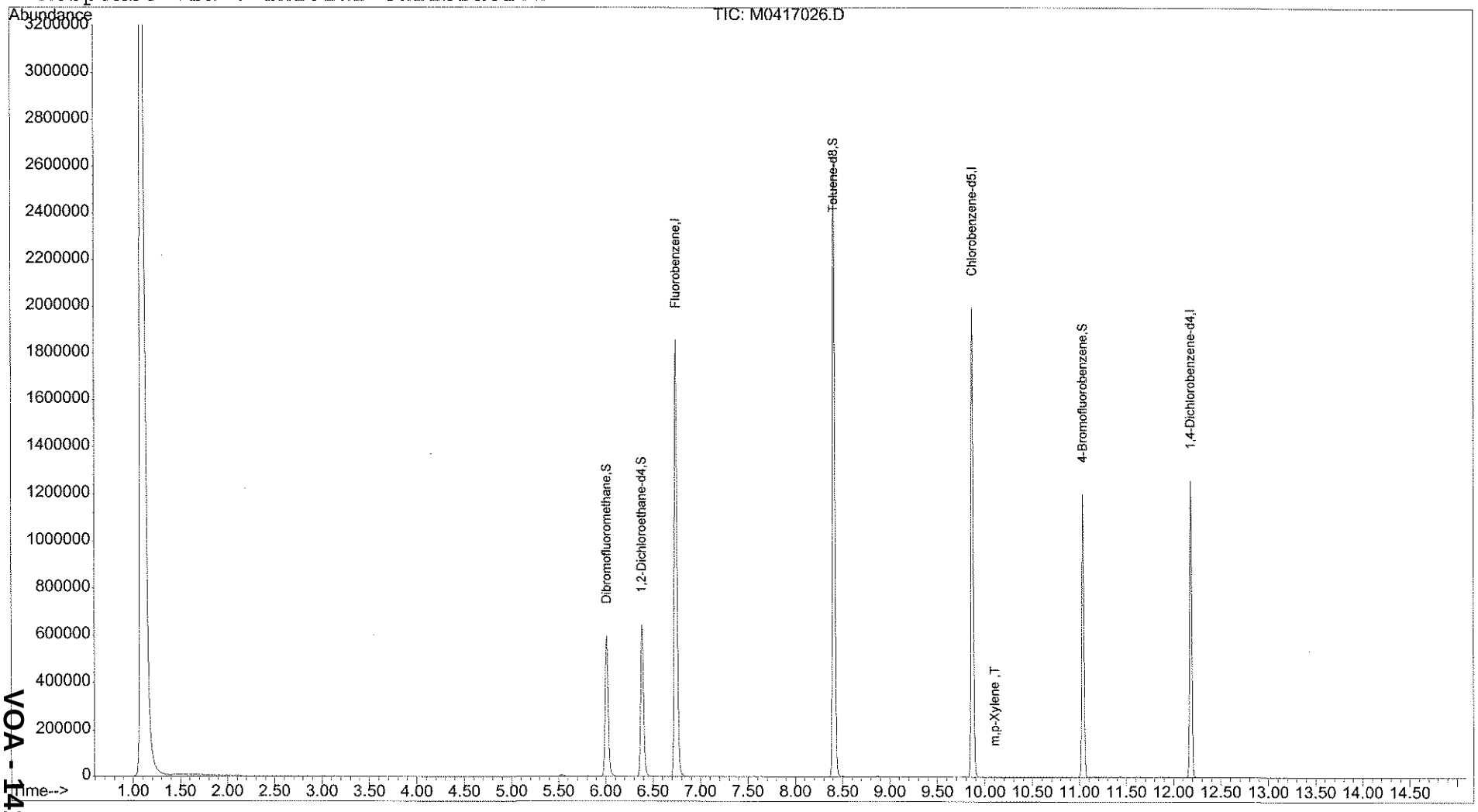
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417026.D Vial: 71
Acq On : 17 Apr 2007 17:37 Operator: DGA
Sample : JPL32-018 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:36 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417026.D Vial: 71
Acq On : 17 Apr 2007 17:37 Operator: DGA
Sample : JPL32-018 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:36 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1758115	50.00	ug/l	0.00 90.07%
50) Chlorobenzene-d5	9.87	82	591839	50.00	ug/l	0.00 84.15%
70) 1,4-Dichlorobenzene-d4	12.18	152	307452	50.00	ug/l	0.00 78.99%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	415325	50.07	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.14%			
37) 1,2-Dichloroethane-d4	6.38	65	482017	50.77	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.54%			
51) Toluene-d8	8.41	98	1717181	52.53	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 105.06%			
72) 4-Bromofluorobenzene	11.04	95	349109	55.05	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 110.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.81	96	55	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.04	76	195	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	3.91	73	66	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417026.D
Acq On : 17 Apr 2007 17:37
Sample : JPL32-018
Misc : #3 5ml +IS/SS(524)
MS Integration Params: rteint.p
Quant Time: Apr 25 9:36 2007

Vial: 71
Operator: DGA
Inst : MOBY
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) Vinyl acetate	0.00	43	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	0.00	77	0	N.D.	
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
27) 2-Butanone	5.52	43	131	N.D.	
28) Propionitrile	0.00	54	0	N.D.	
29) Bromochloromethane	0.00	128	0	N.D.	
30) Methacrylonitrile	5.59	41	62	N.D.	
31) Chloroform	5.82	83	1891	N.D.	
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
34) Cyclohexane	0.00	56	0	N.D.	
35) Carbon Tetrachloride	0.00	117	0	N.D.	
36) 1,1-Dichloropropene	6.26	75	57	N.D.	
38) Benzene	6.41	78	687	N.D.	
39) 1,2-Dichloroethane	0.00	62	0	N.D.	
40) Isobutanol	0.00	43	0	N.D. d	
41) Trichloroethene	0.00	130	0	N.D.	
42) Methylcyclohexane	0.00	83	0	N.D.	
43) 1,2-Dichloropropane	0.00	63	0	N.D.	
44) Dibromomethane	7.62	93	61	N.D.	
45) Methyl methacrylate	7.55	41	58	N.D.	
46) Bromodichloromethane	7.73	83	68	N.D.	
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49) 4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52) Toluene	8.48	92	299	N.D.	
53) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54) Ethyl methacrylate	0.00	69	0	N.D.	
55) 1,1,2-Trichloroethane	0.00	97	0	N.D.	
56) Tetrachloroethene	9.02	166	59	N.D.	
57) 1,3-Dichloropropane	9.25	76	56	N.D.	
58) 2-Hexanone	0.00	43	0	N.D. d	
59) Dibromochloromethane	0.00	129	0	N.D.	
60) 1,2-Dibromoethane	0.00	107	0	N.D.	
61) Chlorobenzene	9.90	112	87	N.D.	
62) 1-Chlorohexane	0.00	91	0	N.D. d	
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64) Ethylbenzene	9.99	91	292	N.D.	
65) m,p-Xylene	10.10	106	354	0.85 ug/l	94
66) o-xylene	0.00	106	0	N.D.	
67) Styrene	0.00	104	0	N.D.	

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

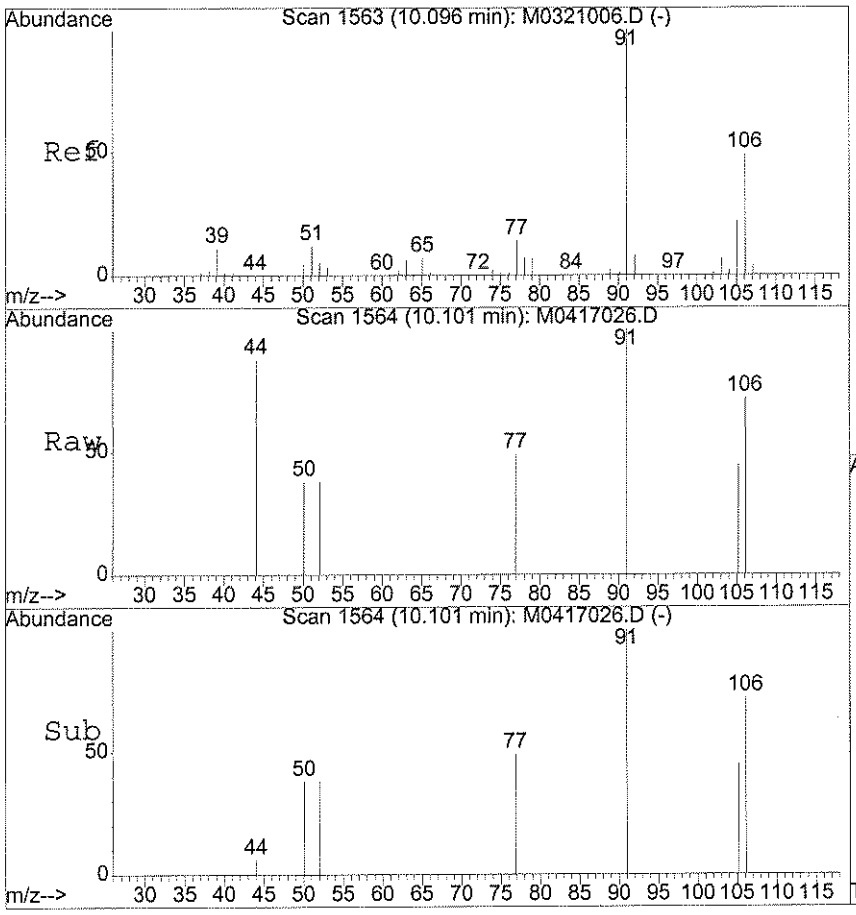
Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417026.D Vial: 71
Acq On : 17 Apr 2007 17:37 Operator: DGA
Sample : JPL32-018 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:36 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.75	173	123	N.D.		
69)	Isopropylbenzene	11.03	105	608	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.04	83	380	N.D.		
75)	1,2,3-Trichloropropane	11.04	110	136	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	11.29	91	55	N.D.		
78)	4-Chlorotoluene	11.49	91	82	N.D.		
79)	1,3,5-Trimethylbenzene	11.45	105	112	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.98	105	173	N.D.		
82)	sec-butylbenzene	11.98	105	173	N.D.		
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	13.38	157	59	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	14.32	225	71	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

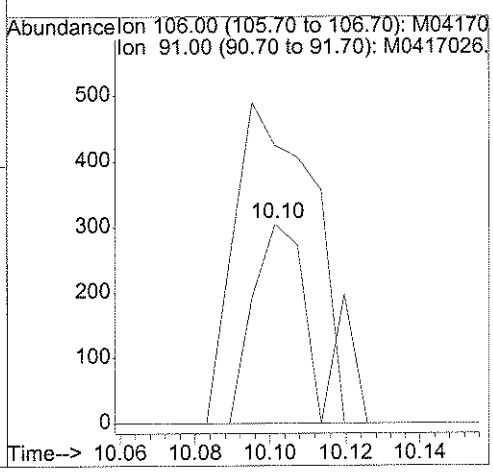
(#) = qualifier out of range (m) = manual integration



#65
m,p-Xylene
Concen: 0.85 ug/l
RT: 10.10 min Scan# 1564
Delta R.T. -0.01 min
Lab File: M0417026.D
Acq: 17 Apr 2007 17:37

Tgt Ion:106 Resp: 354

Ion	Ratio	Lower	Upper
106	100		
91	198.9	169.6	209.6



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-10-4/9/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-019

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417027.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 18:01

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-10-4/9/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-019

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417027.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 18:01

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	0.94	J
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-10-4/9/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-019

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417027.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 18:01

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

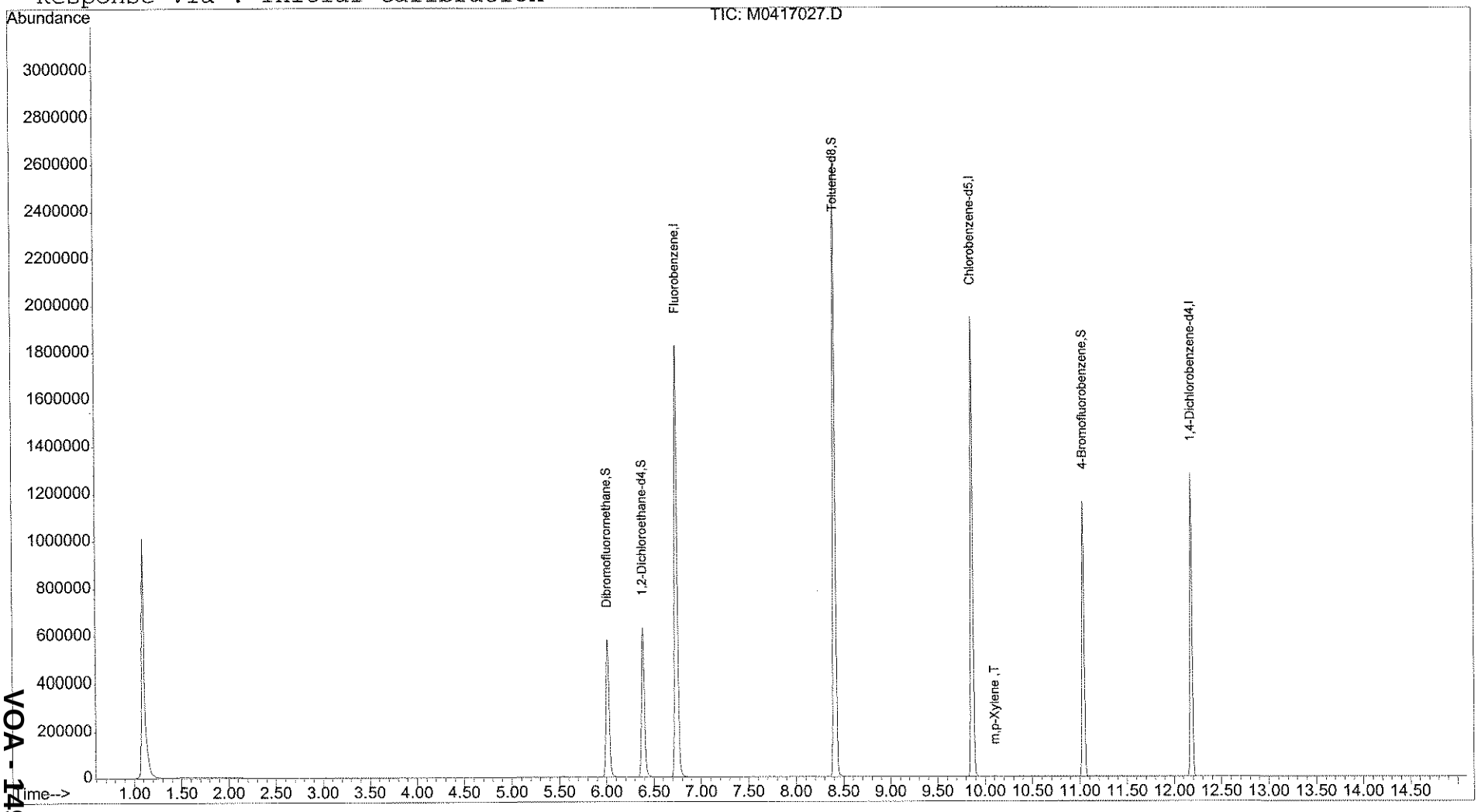
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417027.D Vial: 72
Acq On : 17 Apr 2007 18:01 Operator: DGA
Sample : JPL32-019 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:37 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417027.D Vial: 72
Acq On : 17 Apr 2007 18:01 Operator: DGA
Sample : JPL32-019 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:37 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1751884	50.00	ug/l	0.00 89.75%
50) Chlorobenzene-d5	9.87	82	579908	50.00	ug/l	0.00 82.46%
70) 1,4-Dichlorobenzene-d4	12.18	152	308749	50.00	ug/l	0.00 79.32%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	410038	49.61	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.22%			
37) 1,2-Dichloroethane-d4	6.39	65	476302	50.34	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.68%			
51) Toluene-d8	8.41	98	1706498	53.28	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 106.56%			
72) 4-Bromofluorobenzene	11.04	95	348747	54.76	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 109.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.42	50	59	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.02	76	332	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417027.D Vial: 72
Acq On : 17 Apr 2007 18:01 Operator: DGA
Sample : JPL32-019 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:37 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	Vinyl acetate	4.68	43	64	N.D.	
24)	Chloroprene	0.00	53	0	N.D.	
25)	2,2-Dichloropropane	0.00	77	0	N.D.	
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.	
27)	2-Butanone	5.39	43	87	N.D.	
28)	Propionitrile	0.00	54	0	N.D.	
29)	Bromochloromethane	0.00	128	0	N.D.	
30)	Methacrylonitrile	0.00	41	0	N.D.	
31)	Chloroform	5.81	83	158	N.D.	
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	6.01	56	55	N.D.	
35)	Carbon Tetrachloride	0.00	117	0	N.D.	
36)	1,1-Dichloropropene	6.28	75	63	N.D.	
38)	Benzene	6.41	78	895	N.D.	
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D. d	
41)	Trichloroethene	0.00	130	0	N.D.	
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	7.59	93	56	N.D.	
45)	Methyl methacrylate	7.40	41	56	N.D.	
46)	Bromodichloromethane	0.00	83	0	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	8.47	92	511	N.D.	
53)	trans-1,3-Dichloropropene	8.79	75	70	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	8.89	97	64	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	1,3-Dichloropropane	9.21	76	60	N.D.	
58)	2-Hexanone	0.00	43	0	N.D. d	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.90	112	160	N.D.	
62)	1-Chlorohexane	0.00	91	0	N.D. d	
63)	1,1,1,2-Tetrachloroethane	10.22	131	62	N.D.	
64)	Ethylbenzene	9.99	91	1982	N.D.	
65)	m,p-Xylene	10.10	106	1317	0.94 ug/l	90
66)	o-xylene	10.50	106	530	N.D.	
67)	Styrene	0.00	104	0	N.D.	

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

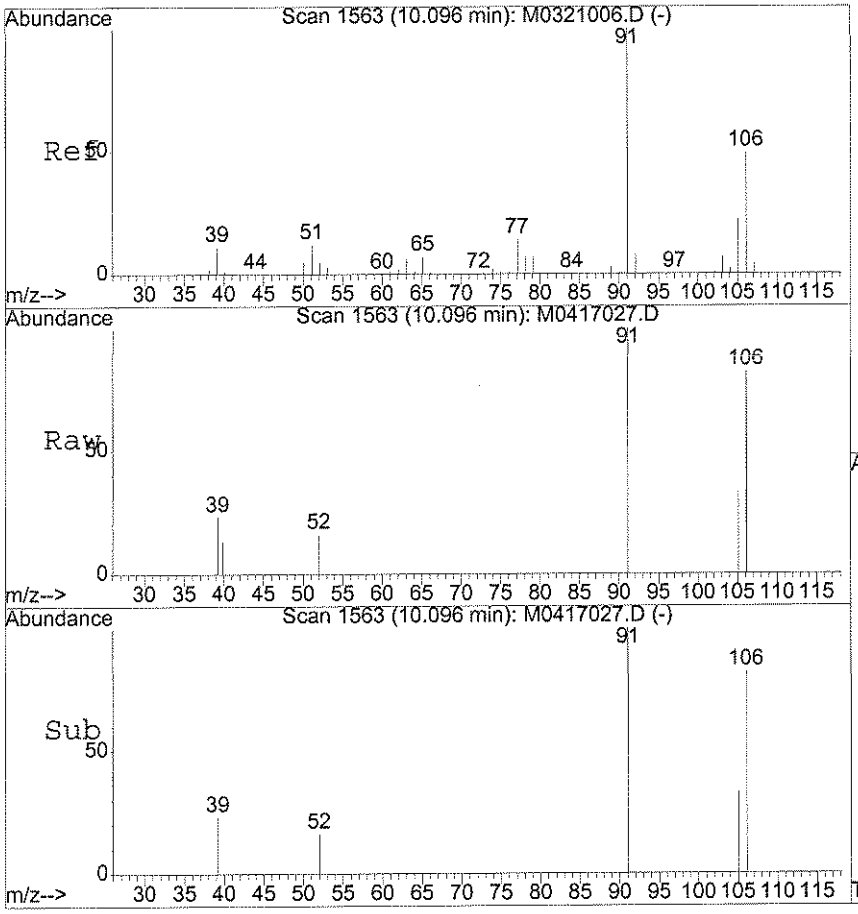
Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417027.D Vial: 72
Acq On : 17 Apr 2007 18:01 Operator: DGA
Sample : JPL32-019 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:37 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.75	173	170	N.D.		
69)	Isopropylbenzene	10.86	105	69	N.D.		
71)	trans-1,4-Dichloro-2-buten	11.01	53	63	N.D.		
73)	Bromobenzene	11.05	156	63	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.03	83	241	N.D.		
75)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	11.27	91	75	N.D.		
78)	4-Chlorotoluene	11.27	91	75	N.D.		
79)	1,3,5-Trimethylbenzene	11.57	105	70	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.81	105	64	N.D.		
82)	sec-butylbenzene	11.81	105	64	N.D.		
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.		d
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.		d
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		d

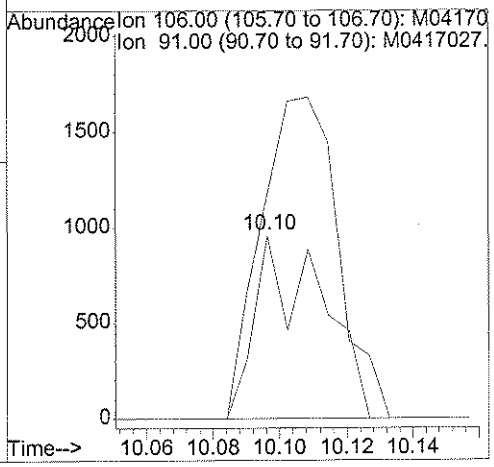
(#) = qualifier out of range (m) = manual integration



#65
m,p-Xylene
Concen: 0.94 ug/l
RT: 10.10 min Scan# 1563
Delta R.T. -0.01 min
Lab File: M0417027.D
Acq: 17 Apr 2007 18:01

Tgt Ion:106 Resp: 1317

Ion	Ratio	Lower	Upper
106	100		
91	203.7	169.6	209.6



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-10-4/9/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-020

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417028.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 18:25

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-10-4/9/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL32 Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL32-020

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0417028.D

Level: (LOW/MED) Date Collected: 04/09/2007

% Moisture: not dec. Date/Time Analyzed: 04/17/2007 18:25

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-10-4/9/07

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL32-020

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417028.D

Level: (LOW/MED)

Date Collected: 04/09/2007

% Moisture: not dec.

Date/Time Analyzed: 04/17/2007 18:25

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

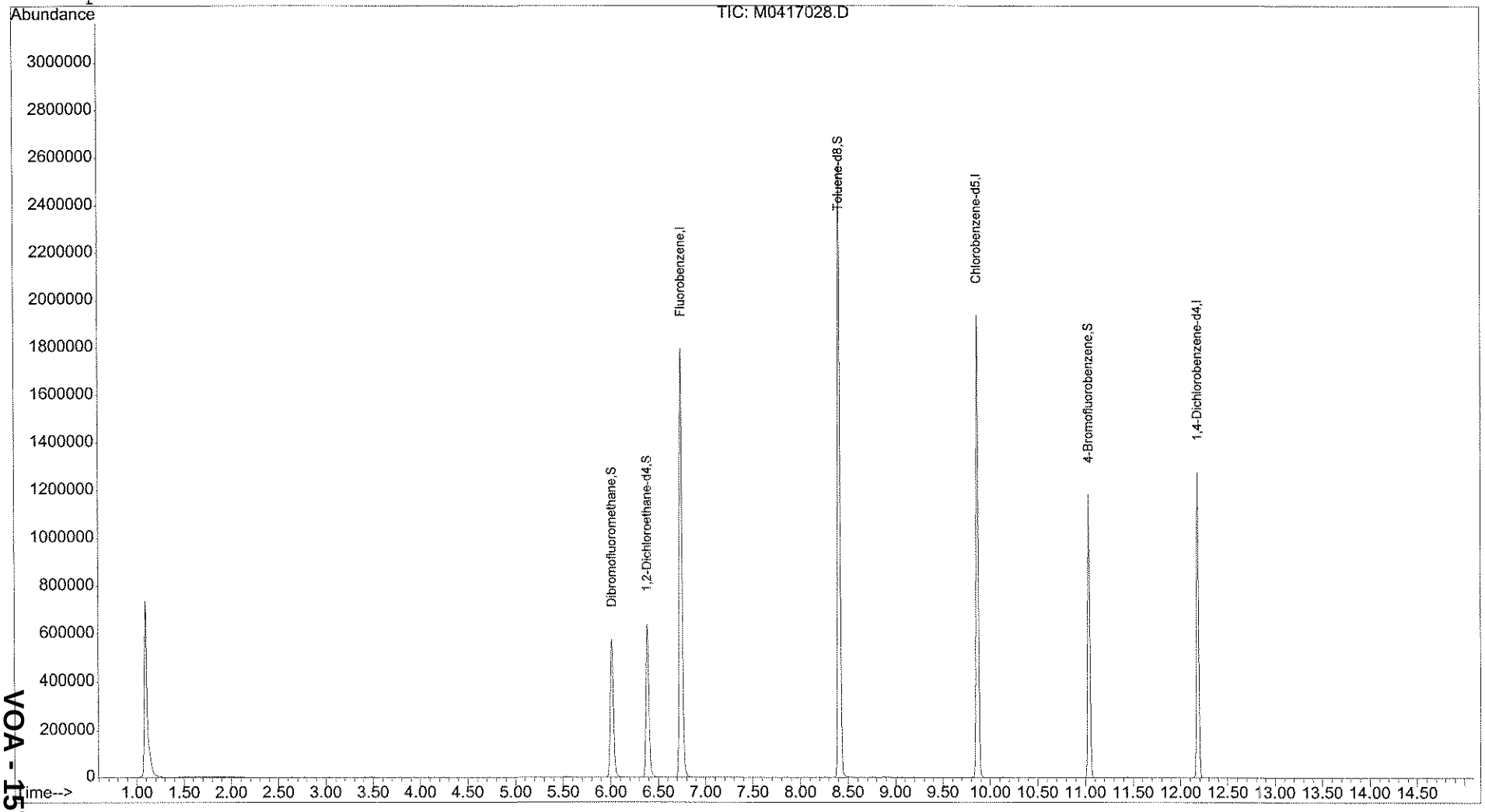
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417028.D Vial: 73
Acq On : 17 Apr 2007 18:25 Operator: DGA
Sample : JPL32-020 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:38 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration



VOA - 157

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417028.D Vial: 73
Acq On : 17 Apr 2007 18:25 Operator: DGA
Sample : JPL32-020 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:38 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1738103	50.00	ug/l	0.00 89.05%
50) Chlorobenzene-d5	9.87	82	571368	50.00	ug/l	0.00 81.24%
70) 1,4-Dichlorobenzene-d4	12.18	152	302362	50.00	ug/l	0.00 77.68%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	407530	49.70	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.40%			
37) 1,2-Dichloroethane-d4	6.39	65	471626	50.24	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.48%			
51) Toluene-d8	8.41	98	1691090	53.59	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 107.18%			
72) 4-Bromofluorobenzene	11.04	95	346176	55.50	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 111.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.41	50	62	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.86	96	80	N.D.		
6) Chloroethane	1.94	64	59	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.03	76	634	N.D.		
15) Allyl chloride	3.22	76	59	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	3.48	84	1658	N.D.		
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	3.90	53	57	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417028.D Vial: 73
Acq On : 17 Apr 2007 18:25 Operator: DGA
Sample : JPL32-020 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:38 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27) 2-Butanone	5.53	43	55	N.D.		
28) Propionitrile	5.45	54	65	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	0.00	83	0	N.D.		
32) 1,1,1-Trichloroethane	5.87	97	62	N.D.		
34) Cyclohexane	0.00	56	0	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	0.00	75	0	N.D.		
38) Benzene	6.40	78	873	N.D.		
39) 1,2-Dichloroethane	0.00	62	0	N.D.		
40) Isobutanol	0.00	43	0	N.D.		d
41) Trichloroethene	0.00	130	0	N.D.		
42) Methylcyclohexane	0.00	83	0	N.D.		
43) 1,2-Dichloropropane	7.46	63	86	N.D.		
44) Dibromomethane	0.00	93	0	N.D.		
45) Methyl methacrylate	0.00	41	0	N.D.		
46) Bromodichloromethane	7.85	83	87	N.D.		
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48) cis-1,3-Dichloropropene	8.25	75	59	N.D.		
49) 4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52) Toluene	8.47	92	518	N.D.		
53) trans-1,3-Dichloropropene	8.92	75	93	N.D.		
54) Ethyl methacrylate	0.00	69	0	N.D.		
55) 1,1,2-Trichloroethane	8.92	97	59	N.D.		
56) Tetrachloroethene	0.00	166	0	N.D.		
57) 1,3-Dichloropropane	9.04	76	80	N.D.		
58) 2-Hexanone	0.00	43	0	N.D.		
59) Dibromochloromethane	0.00	129	0	N.D.		
60) 1,2-Dibromoethane	0.00	107	0	N.D.		
61) Chlorobenzene	9.85	112	78	N.D.		
62) 1-Chlorohexane	0.00	91	0	N.D.		d
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64) Ethylbenzene	9.88	91	2341	N.D.		
65) m,p-Xylene	0.00	106	0	N.D.		d
66) o-xylene	0.00	106	0	N.D.		
67) Styrene	0.00	104	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041707\M0417028.D Vial: 73
Acq On : 17 Apr 2007 18:25 Operator: DGA
Sample : JPL32-020 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 25 9:38 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 24 12:05:10 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.75	173	123	N.D.		
69)	Isopropylbenzene	10.95	105	59	N.D.		
71)	trans-1,4-Dichloro-2-buten	11.03	53	76	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.04	83	342	N.D.		
75)	1,2,3-Trichloropropane	11.05	110	130	N.D.		
76)	n-Propylbenzene	11.27	120	55	N.D.		
77)	2-Chlorotoluene	11.27	91	66	N.D.		
78)	4-Chlorotoluene	11.27	91	66	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	11.77	119	135	N.D.		
81)	1,2,4-Trimethylbenzene	11.81	105	65	N.D.		
82)	sec-butylbenzene	11.81	105	65	N.D.		
83)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.	d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

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

TIC FORM

SDG JPL32

VOLATILES ANALYSIS

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-24-3

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL32-002

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417010.D

Level: (LOW/MED)

Date Collected: 04/06/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
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27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417010.D
Acq On : 17 Apr 2007 11:12
Sample : JPL32-002
Misc : #3 5ml +IS/SS(524)
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

Vial: 55
Operator: DGA
Inst : MOBY
Multiplr: 1.00

No Library Search Compounds Detected

****
M0417010.D 8260B.M Wed Apr 18 09:41:36 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-24-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL32-003

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417011.D

Level: (LOW/MED)

Date Collected: 04/06/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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29					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417011.D
Acq On : 17 Apr 2007 11:37
Sample : JPL32-003
Misc : #3 5ml +IS/SS(524)
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

Vial: 56
Operator: DGA
Inst : MOBY
Multiplr: 1.00

No Library Search Compounds Detected

****
M0417011.D 8260B.M Wed Apr 18 09:43:05 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
MW-24-1

Lab Name: Laucks Testing Laboratories, Inc
Contract: JPL Groundwater Monitorin

SDG No.: JPL32
Run Sequence: R016952

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL32-004

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: M0417012.D

Level: (LOW/MED)
Date Collected: 04/06/2007

% Moisture: not dec.
Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)
Dilution Factor: 1.0

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

Number TICs Found: 0
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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07					
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29					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417012.D Vial: 57
Acq On : 17 Apr 2007 12:01 Operator: DGA
Sample : JPL32-004 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0417012.D 8260B.M Wed Apr 18 09:45:24 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

DUPE-5-1Q07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL32-005

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417013.D

Level: (LOW/MED)

Date Collected: 04/06/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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29					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417013.D Vial: 58
Acq On : 17 Apr 2007 12:25 Operator: DGA
Sample : JPL32-005 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0417013.D 8260B.M Wed Apr 18 09:47:02 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-8-4/5/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL32-006

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417014.D

Level: (LOW/MED)

Date Collected: 04/06/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417014.D Vial: 59
Acq On : 17 Apr 2007 12:49 Operator: DGA
Sample : JPL32-006 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0417014.D 8260B.M Wed Apr 18 09:52:00 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-8-4/5/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL32-007

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417015.D

Level: (LOW/MED)

Date Collected: 04/06/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417015.D
Acq On : 17 Apr 2007 13:13
Sample : JPL32-007
Misc : #2 5ml +IS/SS(524)
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

Vial: 60
Operator: DGA
Inst : MOBY
Multiplr: 1.00

No Library Search Compounds Detected

****

M0417015.D 8260B.M Wed Apr 18 11:55:06 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-22-3

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL32-008

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417016.D

Level: (LOW/MED)

Date Collected: 04/07/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417016.D Vial: 61
Acq On : 17 Apr 2007 13:37 Operator: DGA
Sample : JPL32-008 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0417016.D 8260B.M Wed Apr 18 10:56:08 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-22-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL32-009

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417017.D

Level: (LOW/MED)

Date Collected: 04/07/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417017.D Vial: 62
Acq On : 17 Apr 2007 14:01 Operator: DGA
Sample : JPL32-009 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0417017.D 8260B.M Wed Apr 18 10:57:48 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-22-1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL32-010

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417018.D

Level: (LOW/MED)

Date Collected: 04/07/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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07					
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29					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417018.D Vial: 63
Acq On : 17 Apr 2007 14:25 Operator: DGA
Sample : JPL32-010 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0417018.D 8260B.M Wed Apr 18 10:59:21 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

DUPE-6-1Q07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL32-011

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417019.D

Level: (LOW/MED)

Date Collected: 04/07/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417019.D Vial: 64
Acq On : 17 Apr 2007 14:49 Operator: DGA
Sample : JPL32-011 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0417019.D 8260B.M Wed Apr 18 11:00:49 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-9-4/6/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL32-012

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417020.D

Level: (LOW/MED)

Date Collected: 04/07/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417020.D Vial: 65
Acq On : 17 Apr 2007 15:13 Operator: DGA
Sample : JPL32-012 Inst : MOBY
Misc : #1 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0417020.D 8260B.M Wed Apr 18 11:51:01 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-9-4/6/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL32-013

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417021.D

Level: (LOW/MED)

Date Collected: 04/07/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417021.D Vial: 66
Acq On : 17 Apr 2007 15:37 Operator: DGA
Sample : JPL32-013 Inst : MOBY
Misc : #1 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0417021.D 8260B.M Tue Apr 24 15:57:19 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-25-5

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL32-014

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M04i7022.D

Level: (LOW/MED)

Date Collected: 04/10/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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07					
08					
09					
10					
11					
12					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417022.D Vial: 67
Acq On : 17 Apr 2007 16:01 Operator: DGA
Sample : JPL32-014 Inst : MOBY
Misc : #1 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0417022.D 8260B.M Tue Apr 24 15:57:37 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-25-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL32-015

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417023.D

Level: (LOW/MED)

Date Collected: 04/10/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417023.D Vial: 68
Acq On : 17 Apr 2007 16:25 Operator: DGA
Sample : JPL32-015 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****

M0417023.D 8260B.M Tue Apr 24 15:57:47 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-25-3

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL32-016

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417024.D

Level: (LOW/MED)

Date Collected: 04/10/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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05					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417024.D Vial: 69
Acq On : 17 Apr 2007 16:49 Operator: DGA
Sample : JPL32-016 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0417024.D 8260B.M Tue Apr 24 15:57:57 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-25-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL32-017

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417025.D

Level: (LOW/MED)

Date Collected: 04/10/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417025.D Vial: 70
Acq On : 17 Apr 2007 17:13 Operator: DGA
Sample : JPL32-017 Inst : MOBY
Misc : #2 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0417025.D 8260B.M Tue Apr 24 15:58:10 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-25-1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL32-018

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417026.D

Level: (LOW/MED)

Date Collected: 04/10/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417026.D Vial: 71
Acq On : 17 Apr 2007 17:37 Operator: DGA
Sample : JPL32-018 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0417026.D 8260B.M Tue Apr 24 15:58:21 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-10-4/9/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL32-019

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417027.D

Level: (LOW/MED)

Date Collected: 04/10/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417027.D Vial: 72
Acq On : 17 Apr 2007 18:01 Operator: DGA
Sample : JPL32-019 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0417027.D 8260B.M Tue Apr 24 15:58:34 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-10-4/9/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL32-020

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417028.D

Level: (LOW/MED)

Date Collected: 04/10/2007

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417028.D Vial: 73
Acq On : 17 Apr 2007 18:25 Operator: DGA
Sample : JPL32-020 Inst : MOBY
Misc : #3 5ml +IS/SS(524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****

M0417028.D 8260B.M Tue Apr 24 15:58:51 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B041707MVOWM1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL32

Run Sequence: R016952

Matrix: (SOIL/WATER) Water

Lab Sample ID: B041707MVOWM1

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0417009.D

Level: (LOW/MED)

Date Collected:

% Moisture: not dec.

Date Analyzed: 04/17/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
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11					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041707\M0417009.D Vial: 55
Acq On : 17 Apr 2007 10:38 Operator: DGA
Sample : B041707MVOWM1 Inst : MOBY
Misc : 5ml PFW+IS/SS(MV8-38-11) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0417009.D 8260B.M Wed Apr 25 12:08:03 2007

Metals Data

JPL32

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

SOW No.:

Sample No.	Lab Sample ID
MW-24-4	JPL32-001
MW-24-3	JPL32-002
MW-24-2	JPL32-003
MW-24-1	JPL32-004
DUPE-5-1Q07	JPL32-005
DUPE-5-1Q07MS	JPL32-005MS
DUPE-5-1Q07MSD	JPL32-005MSD
EB-8-4/5/07	JPL32-006
EB-8-4/5/07MS	JPL32-006MS
EB-8-4/5/07MSD	JPL32-006MSD
MW-22-3	JPL32-008
MW-22-2	JPL32-009
MW-22-1	JPL32-010
DUPE-6-1Q07	JPL32-011
DUPE-6-1Q07MS	JPL32-011MS
DUPE-6-1Q07MSD	JPL32-011MSD
EB-9-4/6/07	JPL32-012
EB-9-4/6/07MS	JPL32-012MS
EB-9-4/6/07MSD	JPL32-012MSD
MW-25-5	JPL32-014
MW-25-4	JPL32-015

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No NO

If yes-was raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is technically complete, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Bill Ambacher Name: Bill Ambacher

Date: 5/1/07 Title: Inorganics/Metals Manager

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

SOW No.:

Sample No.	Lab Sample ID
MW-25-3	JPL32-016
MW-25-2	JPL32-017
MW-25-1	JPL32-018
MW-25-1D	JPL32-018D
MW-25-1MS	JPL32-018MS
EB-10-4/9/07	JPL32-019

Were ICP interelement corrections applied?	Yes/No	YES
Were ICP background corrections applied?	Yes/No	NO
If yes-was raw data generated before application of background corrections?	Yes/No	NO

Comments:

I certify that this data package is technically complete, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Bill Ambacher Name: Bill Ambacher

Date: 5/1/07 Title: Inorganics/Metals Manager

Metals Analysis Data Sheets

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-24-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

Matrix (soil/water): Water Lab Sample ID: JPL32-001

Level (low/med): LOW Date Received: 04/06/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	4.85		E	M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-24-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

Matrix (soil/water): Water Lab Sample ID: JPL32-002

Level (low/med): LOW Date Received: 04/06/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	6.95		E	M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-24-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

Matrix (soil/water): Water Lab Sample ID: JPL32-003

Level (low/med): LOW Date Received: 04/06/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	7.95		E	M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-24-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

Matrix (soil/water): Water Lab Sample ID: JPL32-004

Level (low/med): LOW Date Received: 04/06/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	8.46		E	M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

DUPE-5-1Q07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

Matrix (soil/water): Water Lab Sample ID: JPL32-005

Level (low/med): LOW Date Received: 04/06/2007

% Solids:

Concentration Units : uq/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	7.79		E	M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-8-4/5/07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

Matrix (soil/water): Water Lab Sample ID: JPL32-006

Level (low/med): LOW Date Received: 04/06/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.59			M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-22-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

Matrix (soil/water): Water Lab Sample ID: JPL32-008

Level (low/med): LOW Date Received: 04/07/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	9.59		E	M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-22-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

Matrix (soil/water): Water Lab Sample ID: JPL32-009

Level (low/med): LOW Date Received: 04/07/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	8.50		E	M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-22-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

Matrix (soil/water): Water Lab Sample ID: JPL32-010

Level (low/med): LOW Date Received: 04/07/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	7.96		E	M	R017204

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

DUPE-6-1Q07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

Matrix (soil/water): Water Lab Sample ID: JPL32-011

Level (low/med): LOW Date Received: 04/07/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	7.99		E	M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-9-4/6/07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

Matrix (soil/water): Water Lab Sample ID: JPL32-012

Level (low/med): LOW Date Received: 04/07/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.59		E	M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-25-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

Matrix (soil/water): Water Lab Sample ID: JPL32-014

Level (low/med): LOW Date Received: 04/10/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.63		E	M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-25-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

Matrix (soil/water): Water Lab Sample ID: JPL32-015

Level (low/med): LOW Date Received: 04/10/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	9.49		E	M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-25-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

Matrix (soil/water): Water Lab Sample ID: JPL32-016

Level (low/med): LOW Date Received: 04/10/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	9.59		E	M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-25-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

Matrix (soil/water): Water Lab Sample ID: JPL32-017

Level (low/med): LOW Date Received: 04/10/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	8.67		E	M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-25-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

Matrix (soil/water): Water Lab Sample ID: JPL32-018

Level (low/med): LOW Date Received: 04/10/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.75			M	R016781

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-10-4/9/07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL32

Matrix (soil/water): Water Lab Sample ID: JPL32-019

Level (low/med): LOW Date Received: 04/10/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.60		E	M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

Miscellaneous Inorganic Data

JPL32

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LAUCKS TESTING LABS, INC.

Lab Code: LAUCKS SDG No.: JPL32

Client Identification	Lab Sample Work Order Number
MW-24-3	JPL32-002DL
MW-24-2	JPL32-003DL
MW-24-1	JPL32-004
DUPE-5-1Q07	JPL32-005
DUPE-5-1Q07MS	JPL32-005MS
DUPE-5-1Q07MSD	JPL32-005MSD
EB-8-4/5/07	JPL32-006
EB-8-4/5/07MS	JPL32-006MS
EB-8-4/5/07MSD	JPL32-006MSD
MW-22-3	JPL32-008DL
MW-22-2	JPL32-009DL
MW-22-1	JPL32-010DL
DUPE-6-1Q07	JPL32-011DL
DUPE-6-1Q07MS	JPL32-011MS
DUPE-6-1Q07MSD	JPL32-011MSD
EB-9-4/6/07	JPL32-012
EB-9-4/6/07MS	JPL32-012MS
EB-9-4/6/07MSD	JPL32-012MSD
MW-25-5	JPL32-014DL
MW-25-4	JPL32-015DL
MW-25-3	JPL32-016DL

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Bill Ambacher Name: Bill Ambacher

Date: 4/30/07 Title: Inorganics/Metals Manager

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LAUCKS TESTING LABS, INC.

Lab Code: LAUCKS SDG No.: JPL32

Client Identification	Lab Sample Work Order Number
MW-25-2	JPL32-017DL
MW-25-1	JPL32-018DL
EB-10-4/9/07	JPL32-019

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Bill Ambaches Name: Bill Ambaches

Date: 4/30/07 Title: Inorganics/Metals Manager

Inorganic Analysis Data Sheets

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL32		
Sample Number:	MW-24-3	**Date/Time Collected:**	04/05/2007 08:07
Lab Sample ID:	JPL32-002	**Date/Time Received:**	04/06/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/23/2007	04/24/2007	R017072

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL32		
Sample Number:	MW-24-2	**Date/Time Collected:**	04/05/2007 08:41
Lab Sample ID:	JPL32-003	**Date/Time Received:**	04/06/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	51		2.0	0.28	04/23/2007	04/24/2007	R017072

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle **Project:** JPL Groundwater Monitoring

SDG Number: JPL32

Sample Number: MW-24-1 **Date/Time Collected:** 04/05/2007 09:16

Lab Sample ID: JPL32-004 **Date/Time Received:** 04/06/2007 08:30

Method: E300.0 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Nitrate - N	14797-55-8	1	2.7		0.040	0.055	04/06/2007	04/06/2007	R016613
Nitrite - N	14797-65-0	1	0.050	U	0.050	0.017	04/06/2007	04/06/2007	R016613
Sulfate as SO4	14808-79-8	10	30		10	1.7	04/06/2007	04/06/2007	R016613
Chloride	16887-00-6	10	28		2.0	0.76	04/06/2007	04/06/2007	R016613
Orthophosphate	7723-14-0	1	0.10	U	0.10	0.33	04/06/2007	04/06/2007	R016613

Method: E314.0 **Unit:** ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	50	1900		50	7.0	04/23/2007	04/24/2007	R017072

FORM LTL-RSR-27.0

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Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle **Project:** JPL Groundwater Monitoring

SDG Number: JPL32

Sample Number: DUPE-5-1Q07 **Date/Time Collected:** 04/05/2007 00:00

Lab Sample ID: JPL32-005 **Date/Time Received:** 04/06/2007 08:30

Method: E300.0 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Nitrate - N	14797-55-8	1	2.7		0.040	0.055	04/06/2007	04/06/2007	R016613
Nitrite - N	14797-65-0	1	0.050	U	0.050	0.017	04/06/2007	04/06/2007	R016613
Sulfate as SO4	14808-79-8	10	34		10	1.7	04/06/2007	04/06/2007	R016613
Chloride	16887-00-6	10	32		2.0	0.76	04/06/2007	04/06/2007	R016613
Orthophosphate	7723-14-0	1	0.10	U	0.10	0.33	04/06/2007	04/06/2007	R016613

Method: E314.0 **Unit:** ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	50	2000		50	7.0	04/23/2007	04/24/2007	R017072

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL32		
Sample Number:	EB-8-4/5/07	**Date/Time Collected:**	04/05/2007 09:02
Lab Sample ID:	JPL32-006	**Date/Time Received:**	04/06/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	1	1.0	U	1.0	0.14	04/23/2007	04/24/2007	R017072

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL32		
Sample Number:	MW-22-3	**Date/Time Collected:**	04/06/2007 07:42
Lab Sample ID:	JPL32-008	**Date/Time Received:**	04/07/2007 09:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	04/23/2007	04/24/2007	R017072

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL32		
Sample Number:	MW-22-2	**Date/Time Collected:**	04/06/2007 08:38
Lab Sample ID:	JPL32-009	**Date/Time Received:**	04/07/2007 09:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/23/2007	04/24/2007	R017072

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL32		
Sample Number:	MW-22-1	**Date/Time Collected:**	04/06/2007 09:23
Lab Sample ID:	JPL32-010	**Date/Time Received:**	04/07/2007 09:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	04/23/2007	04/24/2007	R017072

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL32		
Sample Number:	DUPE-6-1Q07	**Date/Time Collected:**	04/06/2007 00:00
Lab Sample ID:	JPL32-011	**Date/Time Received:**	04/07/2007 09:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2.5	2.5	U	2.5	0.35	04/23/2007	04/24/2007	R017072

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL32		
Sample Number:	EB-9-4/6/07	**Date/Time Collected:**	04/06/2007 08:51
Lab Sample ID:	JPL32-012	**Date/Time Received:**	04/07/2007 09:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	1	1.0	U	1.0	0.14	04/23/2007	04/24/2007	R017072

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL32		
Sample Number:	MW-25-5	**Date/Time Collected:**	04/09/2007 08:07
Lab Sample ID:	JPL32-014	**Date/Time Received:**	04/10/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	04/20/2007	04/21/2007	R016992

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL32		
Sample Number:	MW-25-4	**Date/Time Collected:**	04/09/2007 08:36
Lab Sample ID:	JPL32-015	**Date/Time Received:**	04/10/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2.5	7.5		2.5	0.35	04/20/2007	04/21/2007	R016992

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL32		
Sample Number:	MW-25-3	**Date/Time Collected:**	04/09/2007 09:04
Lab Sample ID:	JPL32-016	**Date/Time Received:**	04/10/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	9.3		4.0	0.56	04/20/2007	04/21/2007	R016992

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Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL32		
Sample Number:	MW-25-2	**Date/Time Collected:**	04/09/2007 09:31
Lab Sample ID:	JPL32-017	**Date/Time Received:**	04/10/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	14		4.0	0.56	04/20/2007	04/21/2007	R016992

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL32		
Sample Number:	MW-25-1	**Date/Time Collected:**	04/09/2007 10:17
Lab Sample ID:	JPL32-018	**Date/Time Received:**	04/10/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	04/20/2007	04/21/2007	R016992

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL32		
Sample Number:	EB-10-4/9/07	**Date/Time Collected:**	04/09/2007 10:04
Lab Sample ID:	JPL32-019	**Date/Time Received:**	04/10/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	1	1.0	U	1.0	0.14	04/20/2007	04/21/2007	R016992

SAMPLE DATA

SDG JPL33

VOLATILES ANALYSIS

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-26-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419018.D

Level: (LOW/MED) Date Collected: 04/10/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 19:12

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-26-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419018.D

Level: (LOW/MED) Date Collected: 04/10/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 19:12

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-26-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419018.D

Level: (LOW/MED) Date Collected: 04/10/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 19:12

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

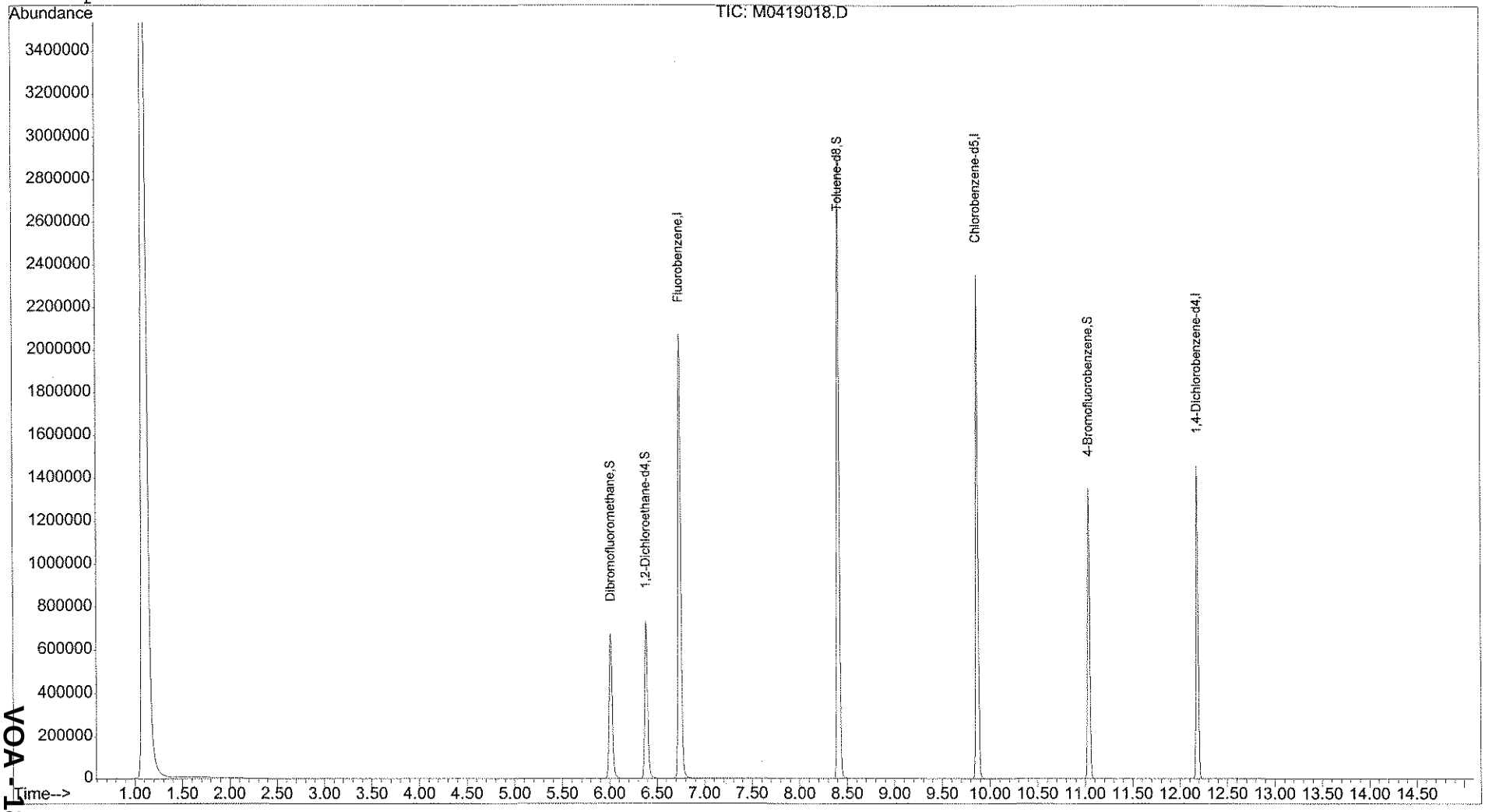
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419018.D Vial: 61
Acq On : 19 Apr 2007 19:12 Operator: LH
Sample : JPL33-001 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:09 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration



VOA-18

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419018.D Vial: 61
Acq On : 19 Apr 2007 19:12 Operator: LH
Sample : JPL33-001 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:09 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1996280	50.00	ug/l	0.00 102.27%
50) Chlorobenzene-d5	9.87	82	671472	50.00	ug/l	0.00 95.47%
70) 1,4-Dichlorobenzene-d4	12.18	152	363372	50.00	ug/l	0.00 93.36%
System Monitoring Compounds						
33) Dibromofluoromethane	6.02	111	475145	50.45	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.90%			
37) 1,2-Dichloroethane-d4	6.39	65	538532	49.95	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.90%			
51) Toluene-d8	8.41	98	1959843	52.85	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 105.70%			
72) 4-Bromofluorobenzene	11.04	95	411700	54.93	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 109.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.85	96	58	N.D.		
6) Chloroethane	1.98	64	66	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	2.82	96	66	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.86	43	65	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.03	76	2951	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	3.77	96	64	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419018.D Vial: 61
Acq On : 19 Apr 2007 19:12 Operator: LH
Sample : JPL33-001 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:09 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
23)	Vinyl acetate	4.67	43	58	N.D.		
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	5.50	43	66	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	6.42	78	793	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.	d	
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	7.36	93	57	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	7.85	83	69	N.D.		
47)	2-Chloroethyl vinyl ether	8.15	63	61	N.D.		
48)	cis-1,3-Dichloropropene	8.08	75	84	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
52)	Toluene	8.47	92	427	N.D.		
53)	trans-1,3-Dichloropropene	8.60	75	57	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	8.88	97	57	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	1,3-Dichloropropane	9.14	76	62	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.	d	
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	9.90	112	378	N.D.		
62)	1-Chlorohexane	0.00	91	0	N.D.	d	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	10.10	91	1193	N.D.		
65)	m,p-Xylene	10.11	106	631	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	10.51	104	58	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419018.D Vial: 61
Acq On : 19 Apr 2007 19:12 Operator: LH
Sample : JPL33-001 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:09 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.74	173	121	N.D.		
69)	Isopropylbenzene	10.88	105	64	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.39	83	55	N.D.		
75)	1,2,3-Trichloropropane	11.05	110	190	N.D.		
76)	n-Propylbenzene	11.28	120	61	N.D.		
77)	2-Chlorotoluene	11.27	91	249	N.D.		
78)	4-Chlorotoluene	11.47	91	107	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	11.77	119	126	N.D.		
81)	1,2,4-Trimethylbenzene	11.81	105	120	N.D.		
82)	sec-butylbenzene	11.98	105	138	N.D.		
83)	1,3-Dichlorobenzene	12.12	146	69	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.21	146	191	N.D.		
86)	1,2-Dichlorobenzene	12.65	146	55	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	13.48	157	58	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d	
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.	d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-26-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419019.D

Level: (LOW/MED) Date Collected: 04/10/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 19:36

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-26-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419019.D

Level: (LOW/MED) _____ Date Collected: 04/10/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/19/2007 19:36

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-26-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419019.D

Level: (LOW/MED) Date Collected: 04/10/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 19:36

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

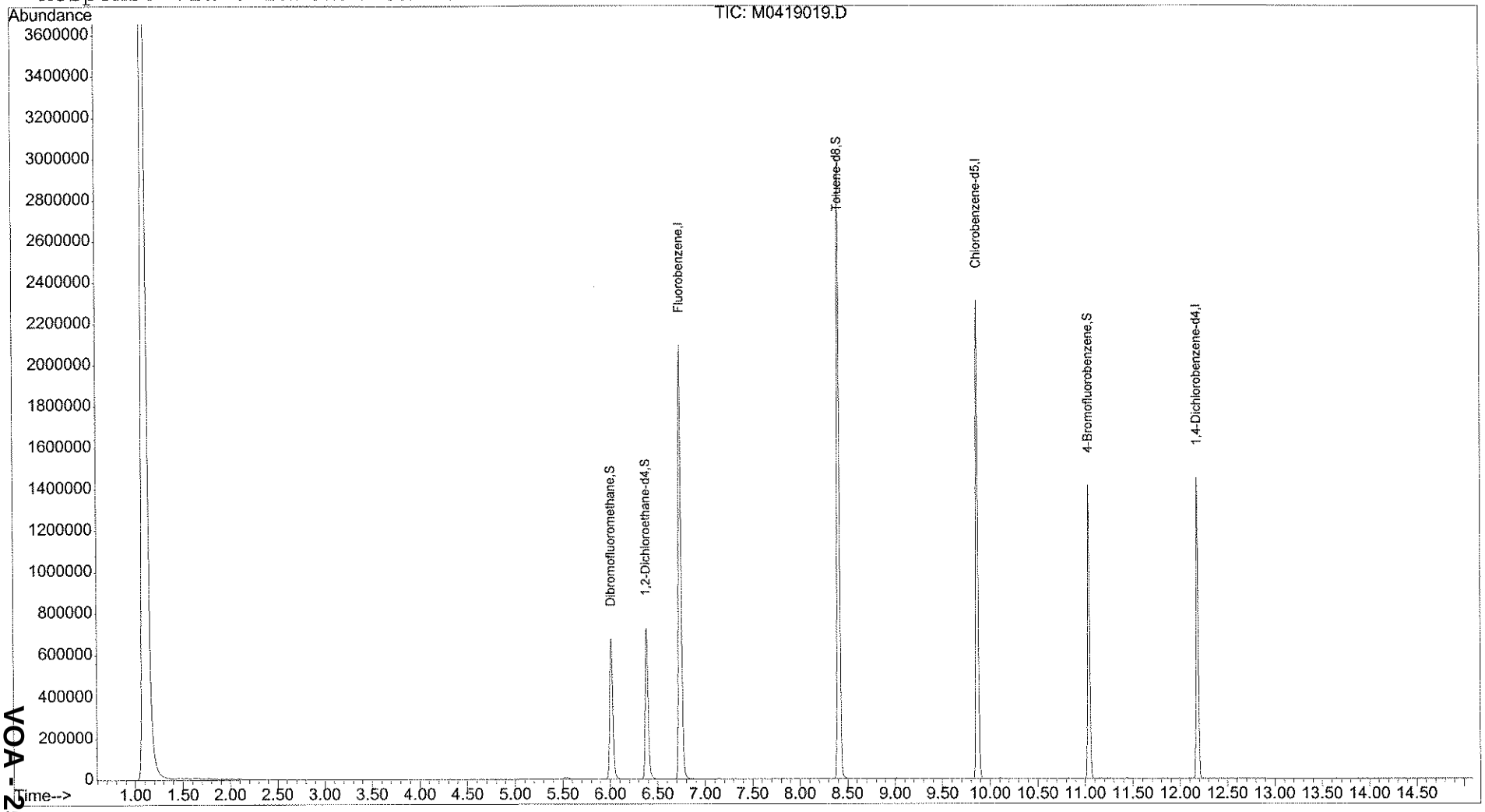
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419019.D Vial: 62
Acq On : 19 Apr 2007 19:36 Operator: LH
Sample : JPL33-002 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:10 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration



VOA-25

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419019.D Vial: 62
Acq On : 19 Apr 2007 19:36 Operator: LH
Sample : JPL33-002 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:10 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1982586	50.00	ug/l	0.00 101.57%
50) Chlorobenzene-d5	9.87	82	683033	50.00	ug/l	0.00 97.12%
70) 1,4-Dichlorobenzene-d4	12.18	152	364178	50.00	ug/l	0.00 93.56%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	476248	50.92	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.84%			
37) 1,2-Dichloroethane-d4	6.38	65	541795	50.60	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.20%			
51) Toluene-d8	8.41	98	1968697	52.19	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.38%			
72) 4-Bromofluorobenzene	11.04	95	413064	54.99	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 109.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.83	96	90	N.D.		
6) Chloroethane	1.97	64	61	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.90	43	68	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.05	76	1078	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	3.33	40	55	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	3.92	73	342	N.D.		
22) 1,1-Dichloroethane	4.54	63	272	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419019.D Vial: 62
Acq On : 19 Apr 2007 19:36 Operator: LH
Sample : JPL33-002 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:10 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) Vinyl acetate	0.00	43	0	N.D.	
24) Chloroprene	4.75	53	65	N.D.	
25) 2,2-Dichloropropane	0.00	77	0	N.D.	
26) cis-1,2-Dichloroethene	5.39	96	57	N.D.	
27) 2-Butanone	5.44	43	56	N.D.	
28) Propionitrile	0.00	54	0	N.D.	
29) Bromochloromethane	5.56	128	63	N.D.	
30) Methacrylonitrile	5.83	41	55	N.D.	
31) Chloroform	5.81	83	990	N.D.	
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
34) Cyclohexane	0.00	56	0	N.D.	
35) Carbon Tetrachloride	6.09	117	63	N.D.	
36) 1,1-Dichloropropene	6.15	75	73	N.D.	
38) Benzene	6.41	78	635	N.D.	
39) 1,2-Dichloroethane	6.41	62	269	N.D.	
40) Isobutanol	0.00	43	0	N.D.	d
41) Trichloroethene	7.15	130	830	N.D.	
42) Methylcyclohexane	0.00	83	0	N.D.	
43) 1,2-Dichloropropane	0.00	63	0	N.D.	
44) Dibromomethane	0.00	93	0	N.D.	
45) Methyl methacrylate	0.00	41	0	N.D.	
46) Bromodichloromethane	7.73	83	122	N.D.	
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49) 4-Methyl-2-pentanone	0.00	43	0	N.D.	d
52) Toluene	8.48	92	768	N.D.	
53) trans-1,3-Dichloropropene	8.85	75	62	N.D.	
54) Ethyl methacrylate	0.00	69	0	N.D.	
55) 1,1,2-Trichloroethane	8.87	97	64	N.D.	
56) Tetrachloroethene	9.02	166	1163	N.D.	
57) 1,3-Dichloropropane	8.92	76	61	N.D.	
58) 2-Hexanone	0.00	43	0	N.D.	d
59) Dibromochloromethane	0.00	129	0	N.D.	
60) 1,2-Dibromoethane	0.00	107	0	N.D.	
61) Chlorobenzene	9.89	112	155	N.D.	
62) 1-Chlorohexane	9.86	91	2376	N.D.	
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64) Ethylbenzene	9.99	91	989	N.D.	
65) m,p-Xylene	10.11	106	1124	N.D.	
66) o-xylene	10.50	106	69	N.D.	
67) Styrene	10.55	104	55	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419019.D Vial: 62
Acq On : 19 Apr 2007 19:36 Operator: LH
Sample : JPL33-002 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:10 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.75	173	241	N.D.		
69)	Isopropylbenzene	10.86	105	58	N.D.		
71)	trans-1,4-Dichloro-2-buten	10.74	53	58	N.D.		
73)	Bromobenzene	11.09	156	65	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.04	83	321	N.D.		
75)	1,2,3-Trichloropropane	11.03	110	159	N.D.		
76)	n-Propylbenzene	11.28	120	86	N.D.		
77)	2-Chlorotoluene	11.37	91	57	N.D.		
78)	4-Chlorotoluene	11.37	91	57	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.82	105	63	N.D.		
82)	sec-butylbenzene	11.99	105	167	N.D.		
83)	1,3-Dichlorobenzene	12.21	146	151	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.21	146	151	N.D.		
86)	1,2-Dichlorobenzene	12.57	146	68	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	14.33	225	67	N.D.		
91)	Naphthalene	0.00	128	0	N.D.	d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-11-4/10/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419020.D

Level: (LOW/MED) Date Collected: 04/10/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 20:00

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-11-4/10/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419020.D

Level: (LOW/MED) _____ Date Collected: 04/10/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/19/2007 20:00

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-11-4/10/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419020.D

Level: (LOW/MED) Date Collected: 04/10/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 20:00

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

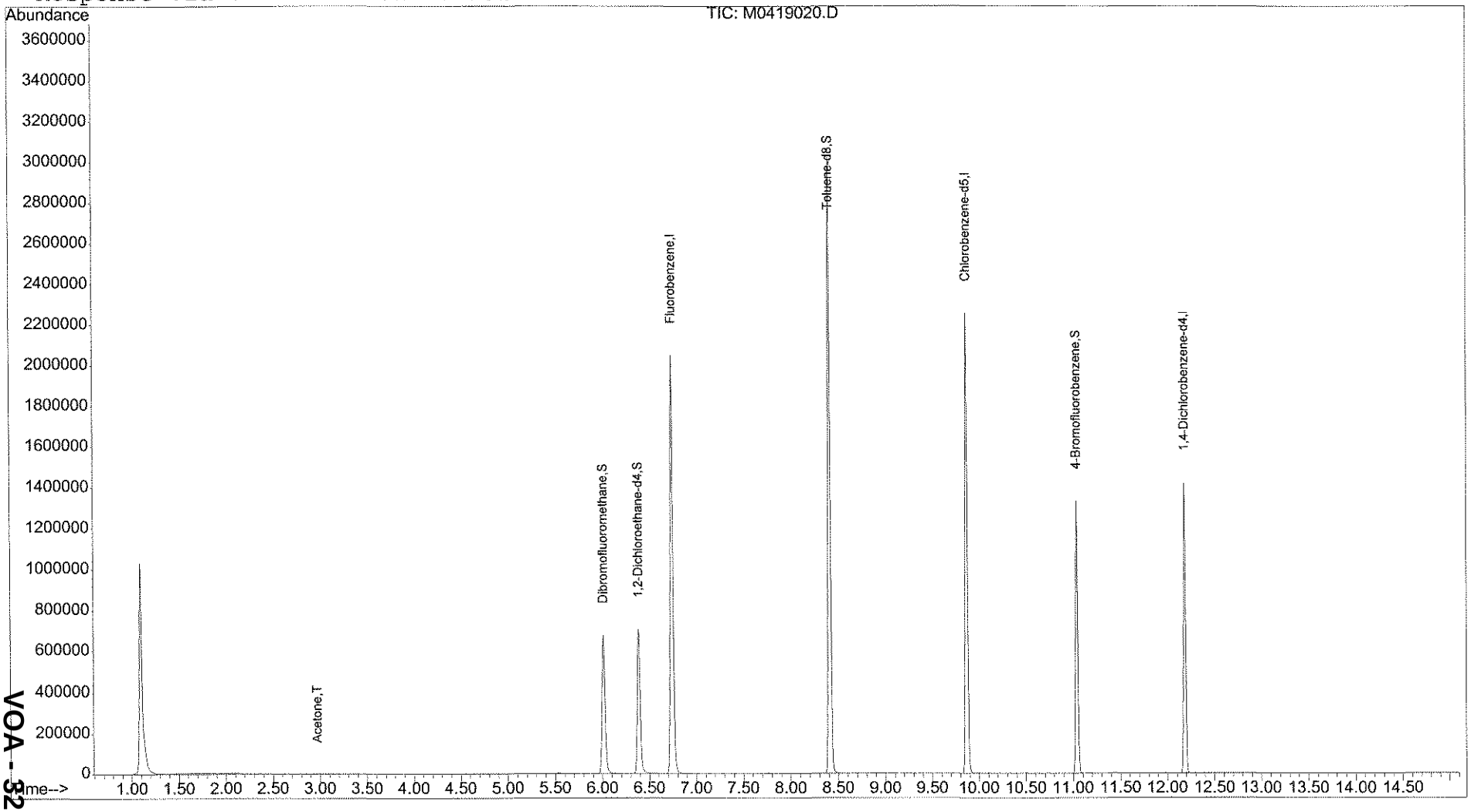
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419020.D Vial: 63
Acq On : 19 Apr 2007 20:00 Operator: LH
Sample : JPL33-003 Inst : MOBY
Misc : 5ml +IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:13 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration



VOA - 32

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419020.D Vial: 63
Acq On : 19 Apr 2007 20:00 Operator: LH
Sample : JPL33-003 Inst : MOBY
Misc : 5ml +IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:13 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1969897	50.00	ug/l	0.00 100.92%
50) Chlorobenzene-d5	9.87	82	666978	50.00	ug/l	0.00 94.84%
70) 1,4-Dichlorobenzene-d4	12.18	152	354133	50.00	ug/l	0.00 90.98%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	462622	49.78	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.56%			
37) 1,2-Dichloroethane-d4	6.38	65	532184	50.02	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.04%			
51) Toluene-d8	8.41	98	1930060	52.39	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.78%			
72) 4-Bromofluorobenzene	11.04	95	403836	55.28	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 110.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.41	50	238	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	2.97	43	3491	1.95	ug/l #	78
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.04	76	513	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	4.64	63	72	N.D.		

LW 4/26/07

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419020.D Vial: 63
Acq On : 19 Apr 2007 20:00 Operator: LH
Sample : JPL33-003 Inst : MOBY
Misc : 5ml +IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:13 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
23)	Vinyl acetate	0.00	43	0	N.D.		
24)	Chloroprene	4.73	53	59	N.D.		
25)	2,2-Dichloropropane	5.22	77	75	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	5.52	43	430	N.D.		
28)	Propionitrile	5.47	54	62	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	5.69	41	64	N.D.		
31)	Chloroform	5.82	83	626	N.D.		
32)	1,1,1-Trichloroethane	6.07	97	71	N.D.		
34)	Cyclohexane	5.97	56	56	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	6.41	78	1036	N.D.		
39)	1,2-Dichloroethane	6.40	62	357	N.D.		
40)	Isobutanol	0.00	43	0	N.D.	d	
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	7.42	41	55	N.D.		
46)	Bromodichloromethane	7.72	83	67	N.D.		
47)	2-Chloroethyl vinyl ether	8.12	63	63	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
52)	Toluene	8.48	92	610	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	8.75	69	77	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	9.08	166	55	N.D.		
57)	1,3-Dichloropropane	8.99	76	68	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.	d	
59)	Dibromochloromethane	9.55	129	67	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	9.89	112	302	N.D.		
62)	1-Chlorohexane	0.00	91	0	N.D.	d	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
64)	Ethylbenzene	9.99	91	1914	N.D.		
65)	m,p-Xylene	10.10	106	971	N.D.		
66)	o-xylene	10.50	106	554	N.D.		
67)	Styrene	0.00	104	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419020.D Vial: 63
Acq On : 19 Apr 2007 20:00 Operator: LH
Sample : JPL33-003 Inst : MOBY
Misc : 5ml +IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:13 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.75	173	224	N.D.		
69)	Isopropylbenzene	10.86	105	161	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	11.04	156	67	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.03	83	418	N.D.		
75)	1,2,3-Trichloropropane	11.08	110	64	N.D.		
76)	n-Propylbenzene	11.49	120	58	N.D.		
77)	2-Chlorotoluene	11.36	91	125	N.D.		
78)	4-Chlorotoluene	11.48	91	122	N.D.		
79)	1,3,5-Trimethylbenzene	11.56	105	65	N.D.		
80)	tert-Butylbenzene	11.77	119	57	N.D.		
81)	1,2,4-Trimethylbenzene	11.81	105	59	N.D.		
82)	sec-butylbenzene	11.98	105	127	N.D.		
83)	1,3-Dichlorobenzene	12.21	146	68	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.		d
85)	1,4-Dichlorobenzene	12.21	146	68	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.		d
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		d
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-11-4/10/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419013.D

Level: (LOW/MED) Date Collected: 04/10/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 17:11

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-11-4/10/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419013.D

Level: (LOW/MED) _____ Date Collected: 04/10/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/19/2007 17:11

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-11-4/10/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419013.D

Level: (LOW/MED) Date Collected: 04/10/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 17:11

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

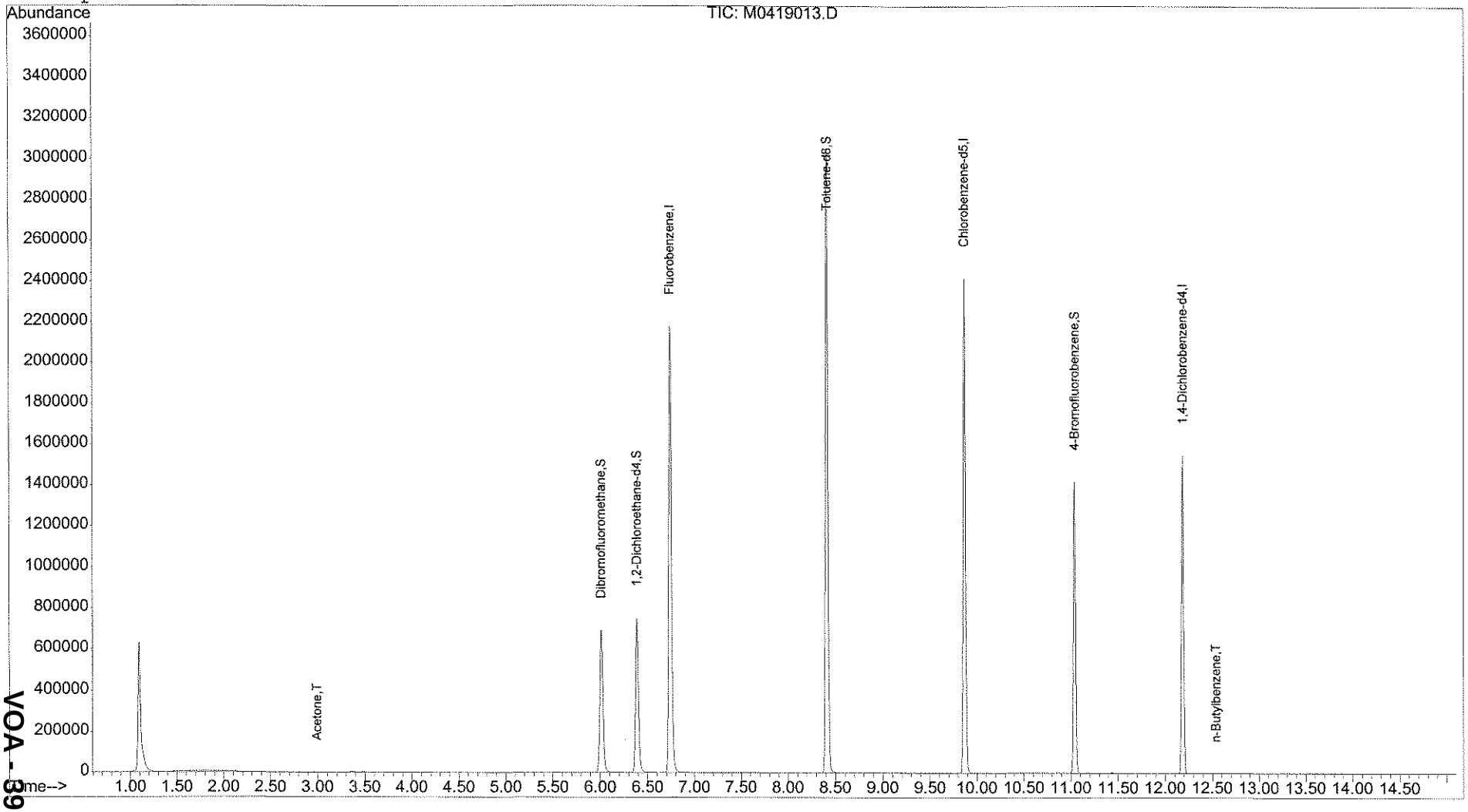
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419013.D Vial: 56
Acq On : 19 Apr 2007 17:11 Operator: LH
Sample : JPL33-004 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 9:58 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration



VOA-89

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419013.D Vial: 56
Acq On : 19 Apr 2007 17:11 Operator: LH
Sample : JPL33-004 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 9:58 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	2071245	50.00	ug/l	0.00 106.11%
50) Chlorobenzene-d5	9.87	82	710542	50.00	ug/l	0.00 101.03%
70) 1,4-Dichlorobenzene-d4	12.19	152	375769	50.00	ug/l	0.00 96.54%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	490436	50.19	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.38%			
37) 1,2-Dichloroethane-d4	6.39	65	558620	49.94	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.88%			
51) Toluene-d8	8.41	98	2040518	52.00	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.00%			
72) 4-Bromofluorobenzene	11.04	95	438157	56.53	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 113.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.45	50	126	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.84	96	62	N.D.		
6) Chloroethane	1.95	64	56	N.D.		
7) Trichlorofluoromethane	2.21	101	74	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	2.79	96	87	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.99	43	3096m	1.64	ug/l #	96
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.03	76	1026	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	3.32	43	58	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	3.86	96	127	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		

NOT TARGET Analyte

GL 5/1/07

(#) = qualifier out of range (m) = manual integration
M0419013.D 8260B.M Fri Apr 20 10:00:16 2007 Page 1

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419013.D Vial: 56
Acq On : 19 Apr 2007 17:11 Operator: LH
Sample : JPL33-004 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 9:58 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
23) Vinyl acetate	0.00	43	0	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27) 2-Butanone	5.48	43	165	N.D.		
28) Propionitrile	5.65	54	65	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	5.81	83	65	N.D.		
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	5.97	56	124	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	6.16	75	152	N.D.		
38) Benzene	6.40	78	993	N.D.		
39) 1,2-Dichloroethane	6.38	62	310	N.D.		
40) Isobutanol	0.00	43	0	N.D.		d
41) Trichloroethene	7.15	130	268	N.D.		
42) Methylcyclohexane	7.30	83	145	N.D.		
43) 1,2-Dichloropropane	7.39	63	79	N.D.		
44) Dibromomethane	0.00	93	0	N.D.		
45) Methyl methacrylate	7.67	41	56	N.D.		
46) Bromodichloromethane	0.00	83	0	N.D.		
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48) cis-1,3-Dichloropropene	8.17	75	57	N.D.		
49) 4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52) Toluene	8.48	92	967	N.D.		
53) trans-1,3-Dichloropropene	8.75	75	59	N.D.		
54) Ethyl methacrylate	0.00	69	0	N.D.		
55) 1,1,2-Trichloroethane	0.00	97	0	N.D.		
56) Tetrachloroethene	9.02	166	201	N.D.		
57) 1,3-Dichloropropane	9.25	76	55	N.D.		
58) 2-Hexanone	0.00	43	0	N.D.		d
59) Dibromochloromethane	0.00	129	0	N.D.		
60) 1,2-Dibromoethane	9.47	107	56	N.D.		
61) Chlorobenzene	9.90	112	622	N.D.		
62) 1-Chlorohexane	0.00	91	0	N.D.		d
63) 1,1,1,2-Tetrachloroethane	10.04	131	70	N.D.		
64) Ethylbenzene	9.98	91	744	N.D.		
65) m,p-Xylene	10.10	106	566	N.D.		
66) o-xylene	10.51	106	58	N.D.		
67) Styrene	10.52	104	138	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419013.D Vial: 56
Acq On : 19 Apr 2007 17:11 Operator: LH
Sample : JPL33-004 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 9:58 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
68)	Bromoform	10.74	173	264	N.D.	
69)	Isopropylbenzene	10.87	105	529	N.D.	
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
73)	Bromobenzene	11.18	156	66	N.D.	
74)	1,1,2,2-Tetrachloroethane	11.04	83	450	N.D.	
75)	1,2,3-Trichloropropane	11.04	110	246	N.D.	
76)	n-Propylbenzene	11.27	120	109	N.D.	
77)	2-Chlorotoluene	11.38	91	358	N.D.	
78)	4-Chlorotoluene	11.48	91	555	N.D.	
79)	1,3,5-Trimethylbenzene	11.44	105	539	N.D.	
80)	tert-Butylbenzene	11.77	119	522	N.D.	
81)	1,2,4-Trimethylbenzene	11.83	105	57	N.D.	
82)	sec-butylbenzene	11.98	105	570	N.D.	
83)	1,3-Dichlorobenzene	12.12	146	386	N.D.	
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d
85)	1,4-Dichlorobenzene	12.21	146	683	N.D.	
86)	1,2-Dichlorobenzene	12.58	146	158	N.D.	
87)	n-Butylbenzene	12.54	91	669	~~0.75 ug/l #~~	87
88)	1,2-Dibromo-3-chloropropan	13.26	157	62	N.D.	
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d
90)	Hexachlorobutadiene	14.32	225	255	N.D.	
91)	Naphthalene	0.00	128	0	N.D.	d
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	d

LH 4/20/07

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-13

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419021.D

Level: (LOW/MED) _____ Date Collected: 04/11/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/19/2007 20:24

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.58	
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.45	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.75	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.32	J

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-13

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419021.D

Level: (LOW/MED) Date Collected: 04/11/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 20:24

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	1.5	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-13

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419021.D

Level: (LOW/MED) _____ Date Collected: 04/11/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/19/2007 20:24

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

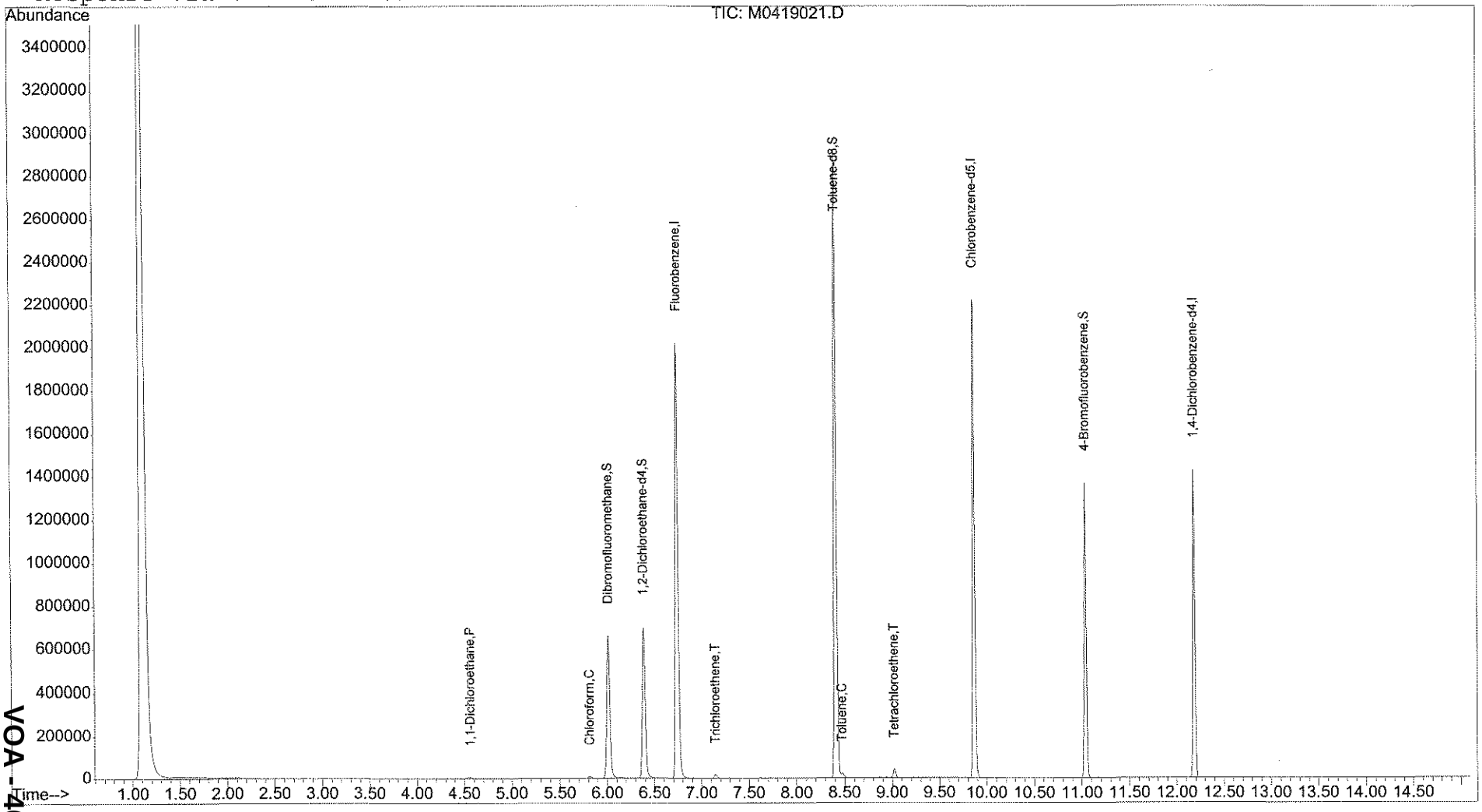
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419021.D Vial: 64
Acq On : 19 Apr 2007 20:24 Operator: LH
Sample : JPL33-005 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:15 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419021.D Vial: 64
Acq On : 19 Apr 2007 20:24 Operator: LH
Sample : JPL33-005 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:15 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1951119	50.00	ug/l	0.00 99.96%
50) Chlorobenzene-d5	9.87	82	658454	50.00	ug/l	0.00 93.62%
70) 1,4-Dichlorobenzene-d4	12.18	152	352887	50.00	ug/l	0.00 90.66%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	462722	50.27	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.54%			
37) 1,2-Dichloroethane-d4	6.39	65	524600	49.79	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.58%			
51) Toluene-d8	8.41	98	1915051	52.66	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 105.32%			
72) 4-Bromofluorobenzene	11.04	95	404992	55.64	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 111.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.40	50	57	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.83	96	110	N.D.		
6) Chloroethane	1.99	64	58	N.D.		
7) Trichlorofluoromethane	2.19	101	1662	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	2.96	43	81	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.04	76	360	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	3.30	43	58	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	4.55	63	8743	0.58	ug/l	97

(#) = qualifier out of range (m) = manual integration
M0419021.D 8260B.M Fri Apr 20 10:15:21 2007

LW 4/20/07

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419021.D Vial: 64
Acq On : 19 Apr 2007 20:24 Operator: LH
Sample : JPL33-005 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:15 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) Vinyl acetate	0.00	43	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	0.00	77	0	N.D.	
26) cis-1,2-Dichloroethene	5.38	96	74	N.D.	
27) 2-Butanone	5.54	43	136	N.D.	
28) Propionitrile	0.00	54	0	N.D.	
29) Bromochloromethane	5.70	128	74	N.D.	
30) Methacrylonitrile	0.00	41	0	N.D.	
31) Chloroform	5.81	83	7070	0.45 ug/l	98
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
34) Cyclohexane	0.00	56	0	N.D.	
35) Carbon Tetrachloride	6.15	117	1332	N.D.	
36) 1,1-Dichloropropene	6.17	75	60	N.D.	
38) Benzene	6.41	78	796	N.D.	
39) 1,2-Dichloroethane	6.39	62	314	N.D.	
40) Isobutanol	0.00	43	0	N.D.	
41) Trichloroethene	7.14	130	6588	0.75 ug/l	98
42) Methylcyclohexane	7.30	83	218	N.D.	
43) 1,2-Dichloropropane	7.40	63	61	N.D.	
44) Dibromomethane	0.00	93	0	N.D.	
45) Methyl methacrylate	7.52	41	65	N.D.	
46) Bromodichloromethane	7.73	83	311	N.D.	
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48) cis-1,3-Dichloropropene	8.27	75	57	N.D.	
49) 4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52) Toluene	8.48	92	7101	0.32 ug/l	93
53) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54) Ethyl methacrylate	8.97	69	56	N.D.	
55) 1,1,2-Trichloroethane	8.94	97	642	N.D.	
56) Tetrachloroethene	9.03	166	11734	1.48 ug/l	98
57) 1,3-Dichloropropane	0.00	76	0	N.D.	
58) 2-Hexanone	0.00	43	0	N.D. d	
59) Dibromochloromethane	0.00	129	0	N.D.	
60) 1,2-Dibromoethane	0.00	107	0	N.D.	
61) Chlorobenzene	9.90	112	398	N.D.	
62) 1-Chlorohexane	0.00	91	0	N.D. d	
63) 1,1,1,2-Tetrachloroethane	9.80	131	59	N.D.	
64) Ethylbenzene	10.01	91	344	N.D.	
65) m,p-Xylene	10.11	106	224	N.D.	
66) o-xylene	10.51	106	73	N.D.	
67) Styrene	10.39	104	63	N.D.	

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

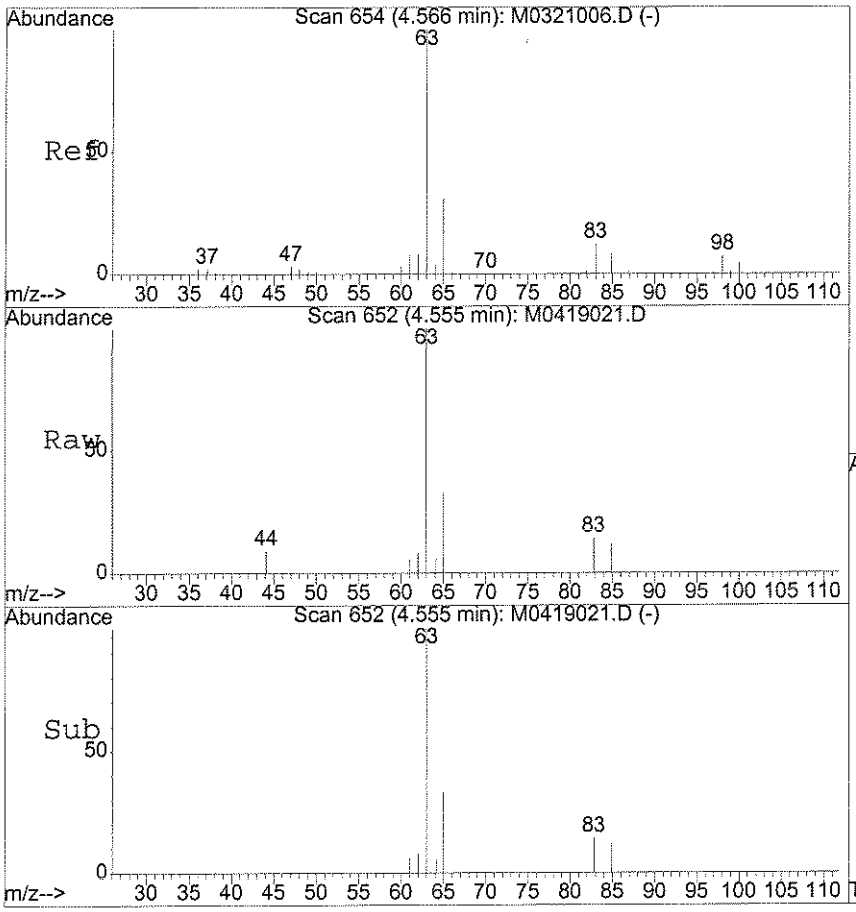
Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419021.D Vial: 64
Acq On : 19 Apr 2007 20:24 Operator: LH
Sample : JPL33-005 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:15 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.74	173	141	N.D.		
69)	Isopropylbenzene	11.04	105	828	N.D.		
71)	trans-1,4-Dichloro-2-buten	10.80	53	71	N.D.		
73)	Bromobenzene	11.04	156	152	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.03	83	257	N.D.		
75)	1,2,3-Trichloropropane	11.05	110	312	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	11.36	91	59	N.D.		
78)	4-Chlorotoluene	11.48	91	75	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.99	105	203	N.D.		
82)	sec-butylbenzene	11.99	105	203	N.D.		
83)	1,3-Dichlorobenzene	12.12	146	92	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.12	146	92	N.D.		
86)	1,2-Dichlorobenzene	12.58	146	230	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	13.07	157	80	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d	
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.	d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	d	

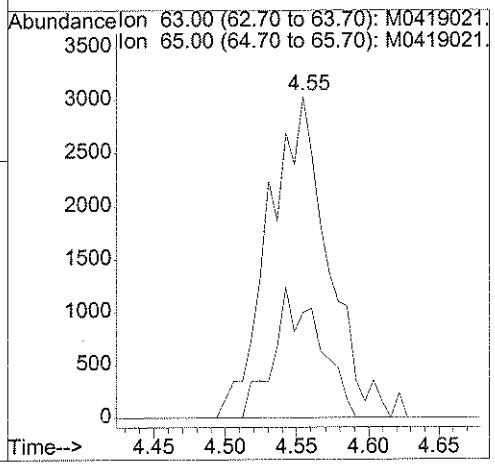
(#) = qualifier out of range (m) = manual integration

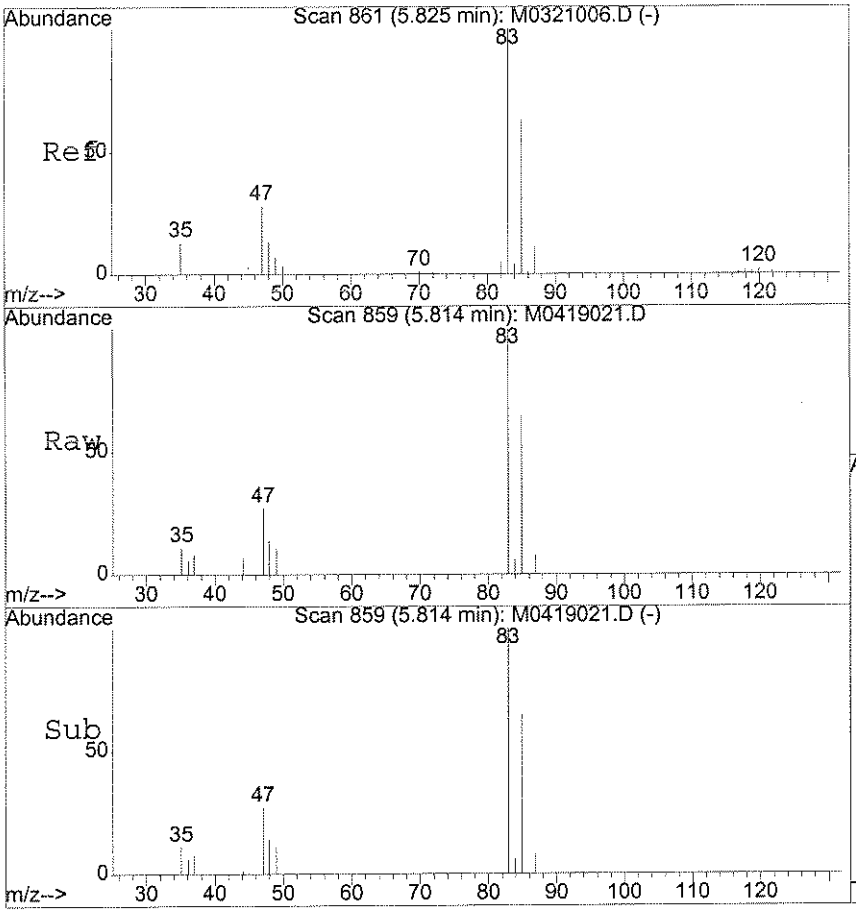


#22
1,1-Dichloroethane
Concen: 0.58 ug/l
RT: 4.55 min Scan# 652
Delta R.T. 0.01 min
Lab File: M0419021.D
Acq: 19 Apr 2007 20:24

Tgt Ion: 63 Resp: 8743

Ion	Ratio	Lower	Upper
63	100		
65	31.7	13.7	53.7

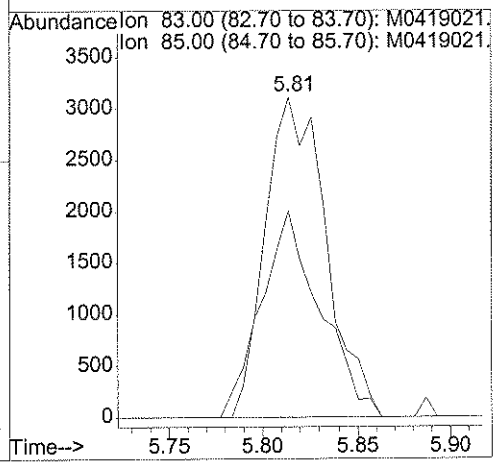


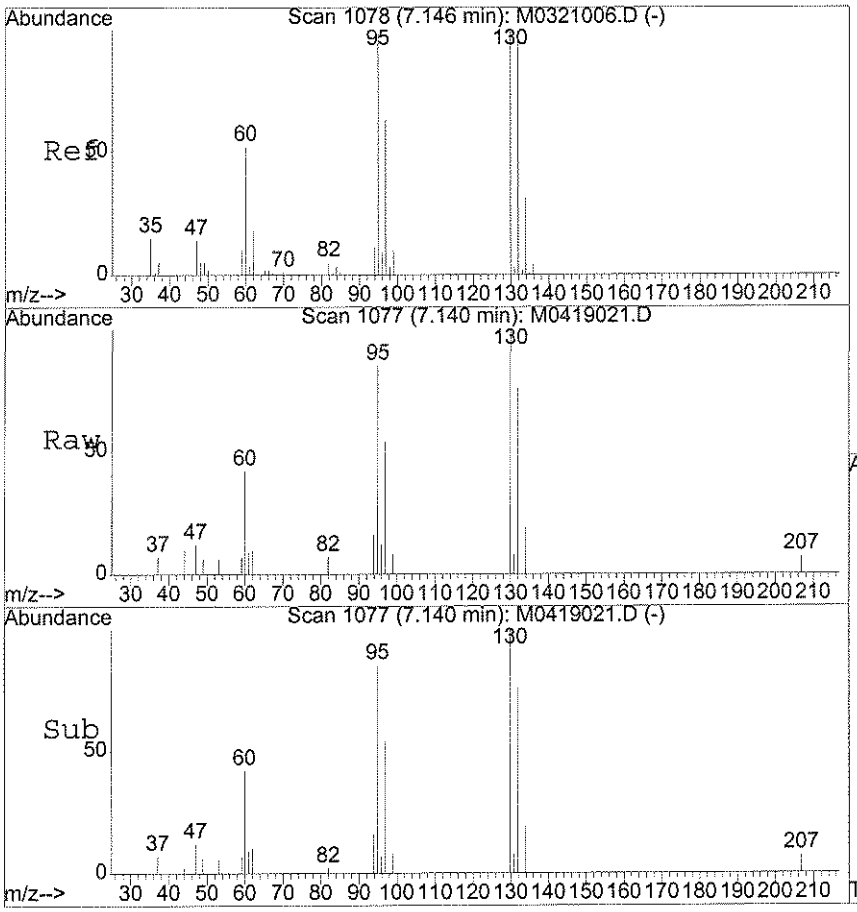


#31
Chloroform
Concen: 0.45 ug/l
RT: 5.81 min Scan# 859
Delta R.T. 0.00 min
Lab File: M0419021.D
Acq: 19 Apr 2007 20:24

Tgt Ion: 83 Resp: 7070

Ion	Ratio	Lower	Upper
83	100		
85	59.6	41.2	81.2

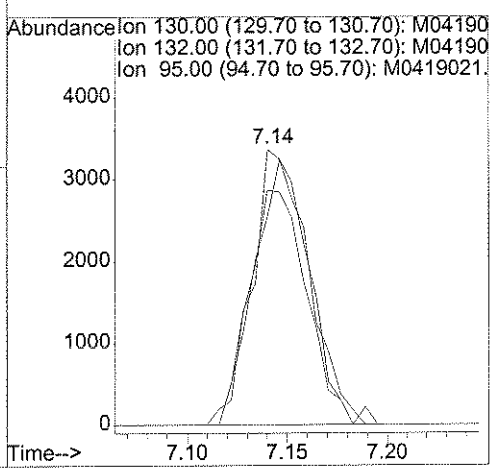


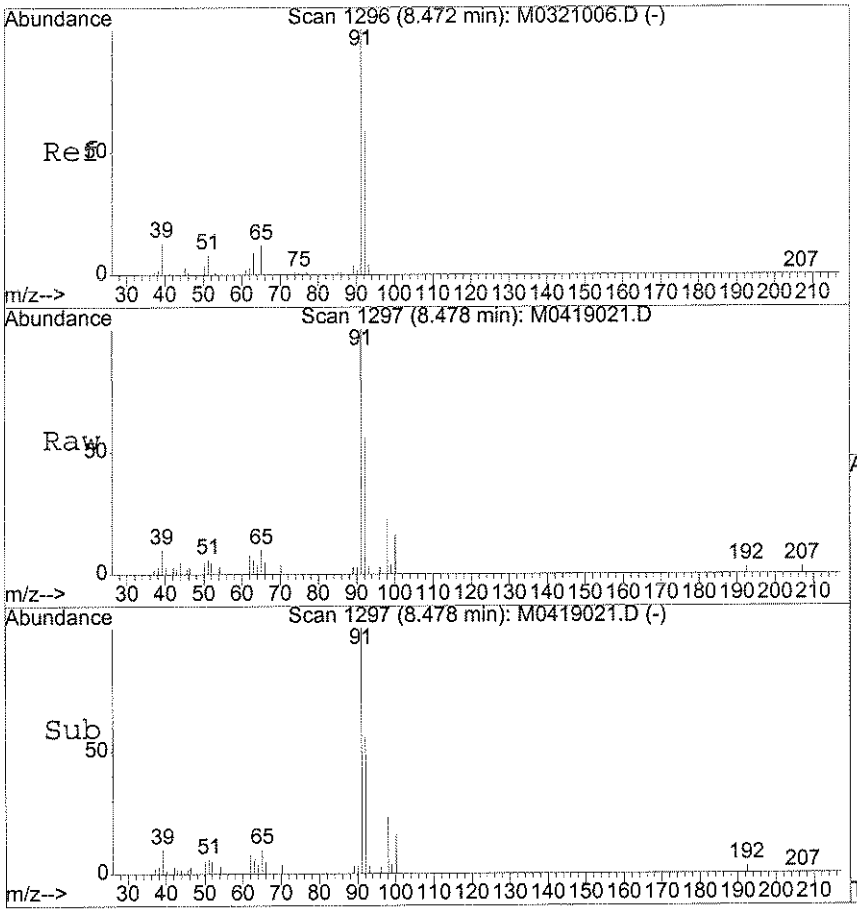


#41
Trichloroethene
Concen: 0.75 ug/l
RT: 7.14 min Scan# 1077
Delta R.T. -0.01 min
Lab File: M0419021.D
Acq: 19 Apr 2007 20:24

Tgt Ion:130 Resp: 6588

Ion	Ratio	Lower	Upper
130	100		
132	96.2	75.0	115.0
95	87.2	69.4	109.4

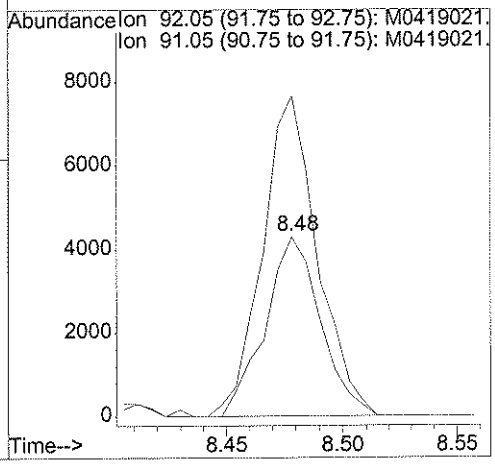


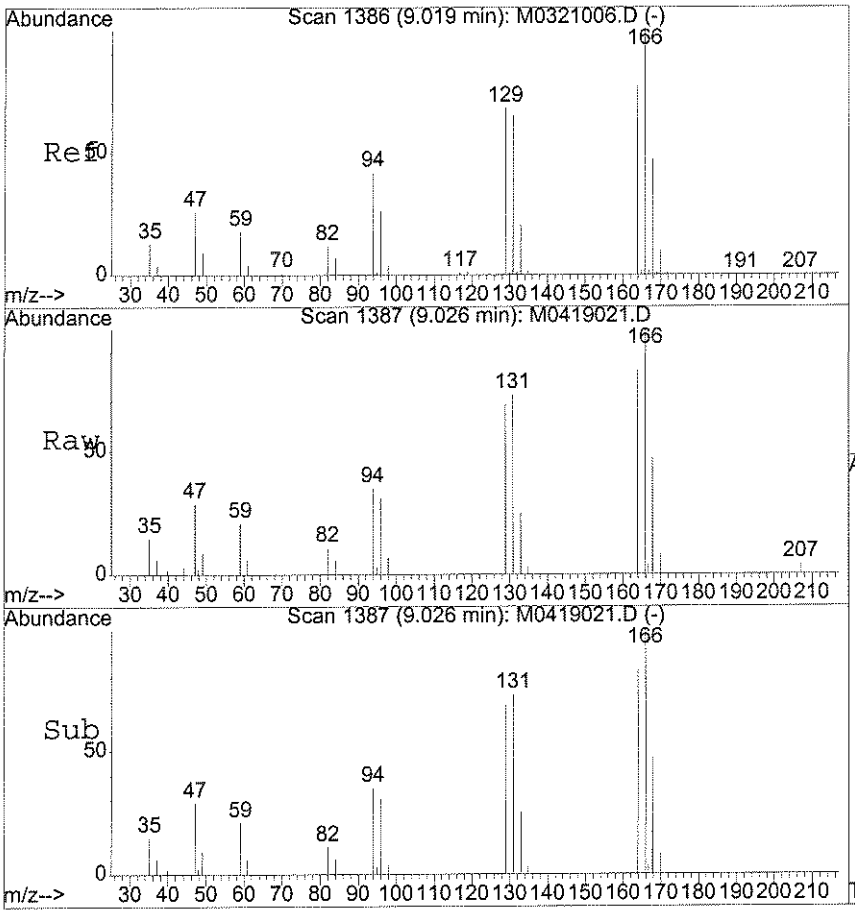


#52
Toluene
Concen: 0.32 ug/l
RT: 8.48 min Scan# 1297
Delta R.T. 0.00 min
Lab File: M0419021.D
Acq: 19 Apr 2007 20:24

Tgt Ion: 92 Resp: 7101

Ion	Ratio	Lower	Upper
92	100		
91	177.0	133.7	200.5

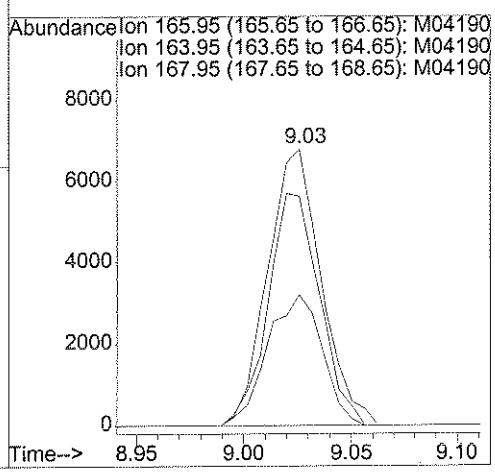




#56
Tetrachloroethene
Concen: 1.48 ug/l
RT: 9.03 min Scan# 1387
Delta R.T. 0.00 min
Lab File: M0419021.D
Acq: 19 Apr 2007 20:24

Tgt Ion:166 Resp: 11734

Ion	Ratio	Lower	Upper
166	100		
164	80.9	63.3	94.9
168	48.3	39.6	59.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-16

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419022.D

Level: (LOW/MED) Date Collected: 04/11/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 20:48

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	1.2	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	9.1	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	7.9	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.0	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.1	

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-16

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL33

Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL33-006

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0419022.D

Level: (LOW/MED)

Date Collected: 04/11/2007

% Moisture: not dec.

Date/Time Analyzed: 04/19/2007 20:48

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	2.8	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-16

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419022.D

Level: (LOW/MED) Date Collected: 04/11/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 20:48

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

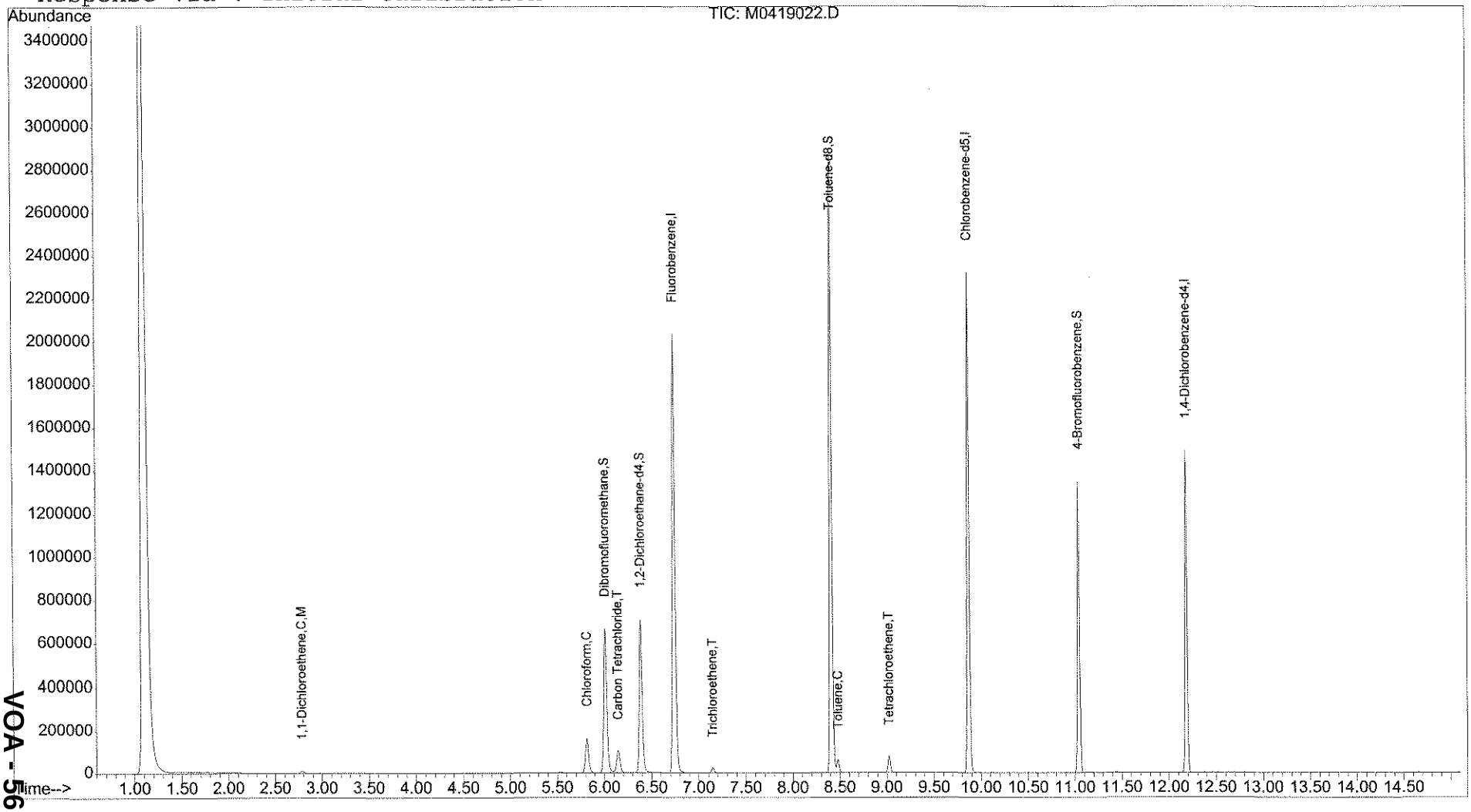
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419022.D Vial: 65
Acq On : 19 Apr 2007 20:48 Operator: LH
Sample : JPL33-006 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:16 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419022.D Vial: 65
Acq On : 19 Apr 2007 20:48 Operator: LH
Sample : JPL33-006 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:16 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1954436	50.00	ug/l	0.00 100.13%
50) Chlorobenzene-d5	9.87	82	661454	50.00	ug/l	0.00 94.05%
70) 1,4-Dichlorobenzene-d4	12.19	152	353818	50.00	ug/l	0.00 90.90%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	466023	50.54	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.08%			
37) 1,2-Dichloroethane-d4	6.39	65	527243	49.95	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.90%			
51) Toluene-d8	8.41	98	1915064	52.42	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.84%			
72) 4-Bromofluorobenzene	11.04	95	399416	54.73	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 109.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.42	50	71	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.84	96	85	N.D.		
6) Chloroethane	1.90	64	57	N.D.		
7) Trichlorofluoromethane	2.18	101	632	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	2.79	96	6935	1.16	ug/l	95
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	2.98	43	300	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.04	76	360	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	3.88	96	63	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	4.55	63	1387	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419022.D
Acq On : 19 Apr 2007 20:48
Sample : JPL33-006
Misc : 5ml +IS/SS #3
MS Integration Params: rteint.p
Quant Time: Apr 20 10:16 2007

Vial: 65
Operator: LH
Inst : MOBY
Multiplr: 1.00

Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) Vinyl acetate	0.00	43	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	0.00	77	0	N.D.	
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
27) 2-Butanone	5.56	43	75	N.D.	
28) Propionitrile	0.00	54	0	N.D.	
29) Bromochloromethane	5.59	128	74	N.D.	
30) Methacrylonitrile	5.80	41	281	N.D.	
31) Chloroform	5.82	83	142600	9.09 ug/l	96
32) 1,1,1-Trichloroethane	5.96	97	69	N.D.	
34) Cyclohexane	0.00	56	0	N.D.	
35) Carbon Tetrachloride	6.14	117	74033	7.94 ug/l	99
36) 1,1-Dichloropropene	6.17	75	60	N.D.	
38) Benzene	6.40	78	517	N.D.	
39) 1,2-Dichloroethane	6.47	62	263	N.D.	
40) Isobutanol	0.00	43	0	N.D.	
41) Trichloroethene	7.14	130	8872	1.01 ug/l	93
42) Methylcyclohexane	7.15	83	59	N.D.	
43) 1,2-Dichloropropane	0.00	63	0	N.D.	
44) Dibromomethane	7.60	93	66	N.D.	
45) Methyl methacrylate	7.70	41	56	N.D.	
46) Bromodichloromethane	7.72	83	61	N.D.	
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49) 4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52) Toluene	8.48	92	23779	1.07 ug/l	96
53) trans-1,3-Dichloropropene	8.90	75	134	N.D.	
54) Ethyl methacrylate	0.00	69	0	N.D.	
55) 1,1,2-Trichloroethane	8.93	97	480	N.D.	
56) Tetrachloroethene	9.02	166	21881	2.76 ug/l	98
57) 1,3-Dichloropropane	0.00	76	0	N.D.	
58) 2-Hexanone	0.00	43	0	N.D. d	
59) Dibromochloromethane	0.00	129	0	N.D.	
60) 1,2-Dibromoethane	0.00	107	0	N.D.	
61) Chlorobenzene	9.90	112	274	N.D.	
62) 1-Chlorohexane	0.00	91	0	N.D. d	
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64) Ethylbenzene	9.98	91	271	N.D.	
65) m,p-Xylene	10.10	106	148	N.D.	
66) o-xylene	10.37	106	58	N.D.	
67) Styrene	0.00	104	0	N.D.	

4/20/07

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

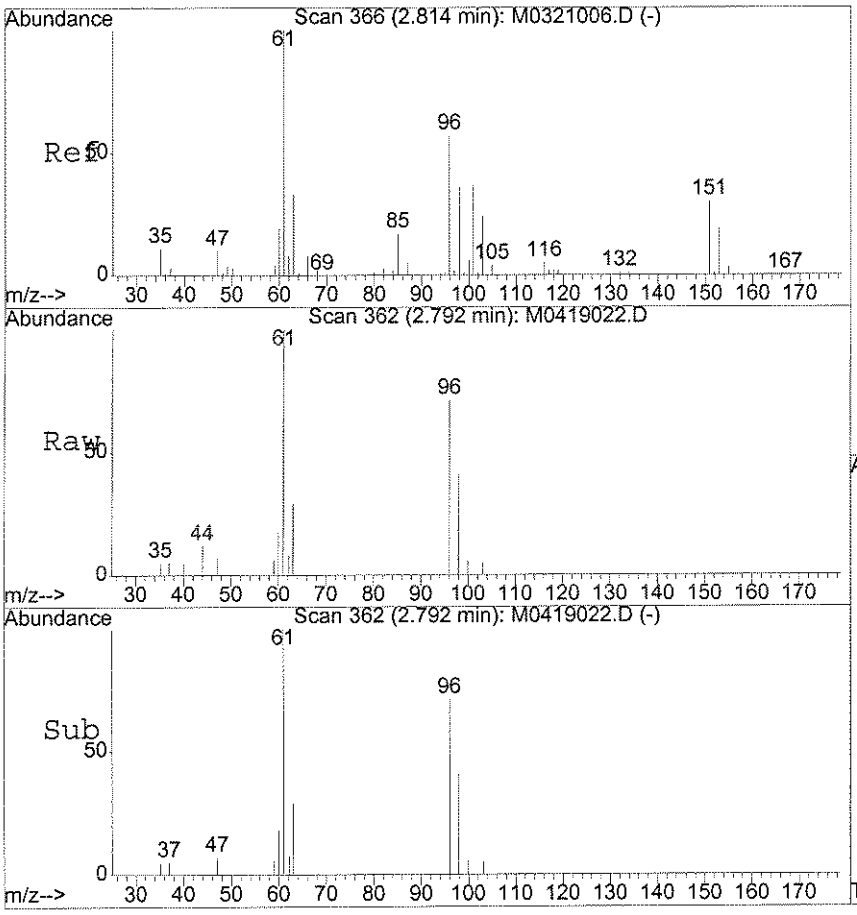
Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419022.D Vial: 65
Acq On : 19 Apr 2007 20:48 Operator: LH
Sample : JPL33-006 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:16 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.75	173	224	N.D.		
69)	Isopropylbenzene	11.04	105	476	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	11.03	156	138	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.04	83	420	N.D.		
75)	1,2,3-Trichloropropane	11.04	110	274	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	11.36	91	113	N.D.		
78)	4-Chlorotoluene	11.46	91	64	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	11.88	119	56	N.D.		
81)	1,2,4-Trimethylbenzene	11.97	105	80	N.D.		
82)	sec-butylbenzene	11.97	105	80	N.D.		
83)	1,3-Dichlorobenzene	12.17	146	63	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.17	146	63	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d	
90)	Hexachlorobutadiene	14.33	225	59	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	d	

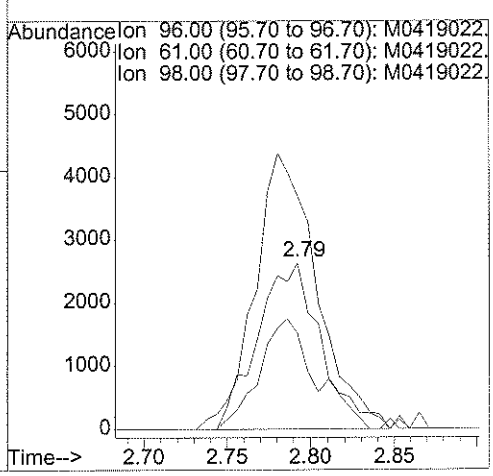
(#) = qualifier out of range (m) = manual integration

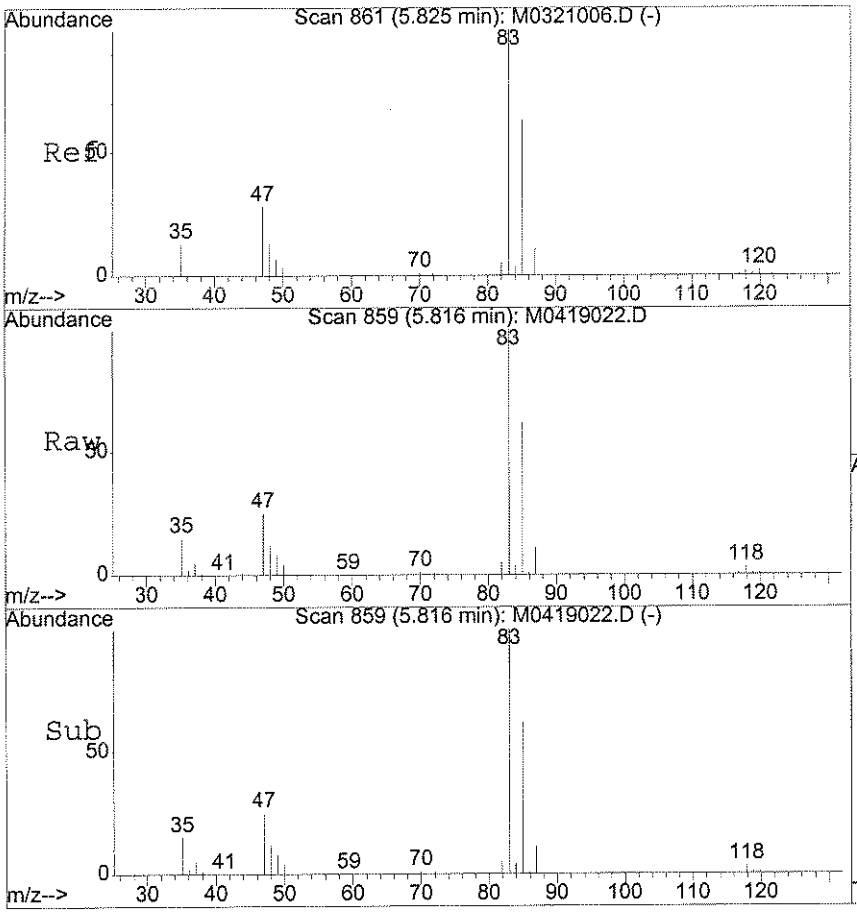


#9
1,1-Dichloroethene
Concen: 1.16 ug/l
RT: 2.79 min Scan# 362
Delta R.T. 0.01 min
Lab File: M0419022.D
Acq: 19 Apr 2007 20:48

Tgt Ion: 96 Resp: 6935

Ion	Ratio	Lower	Upper
96	100		
61	162.3	138.6	178.6
98	59.4	32.2	72.2

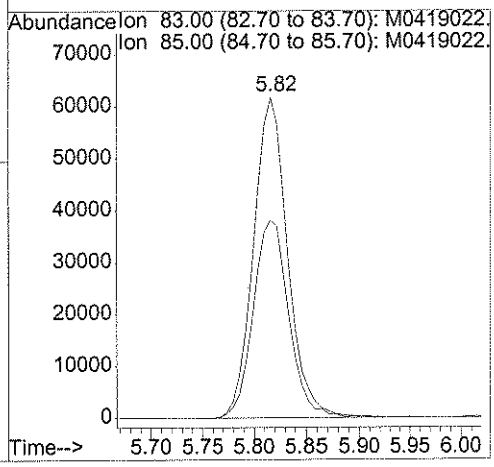


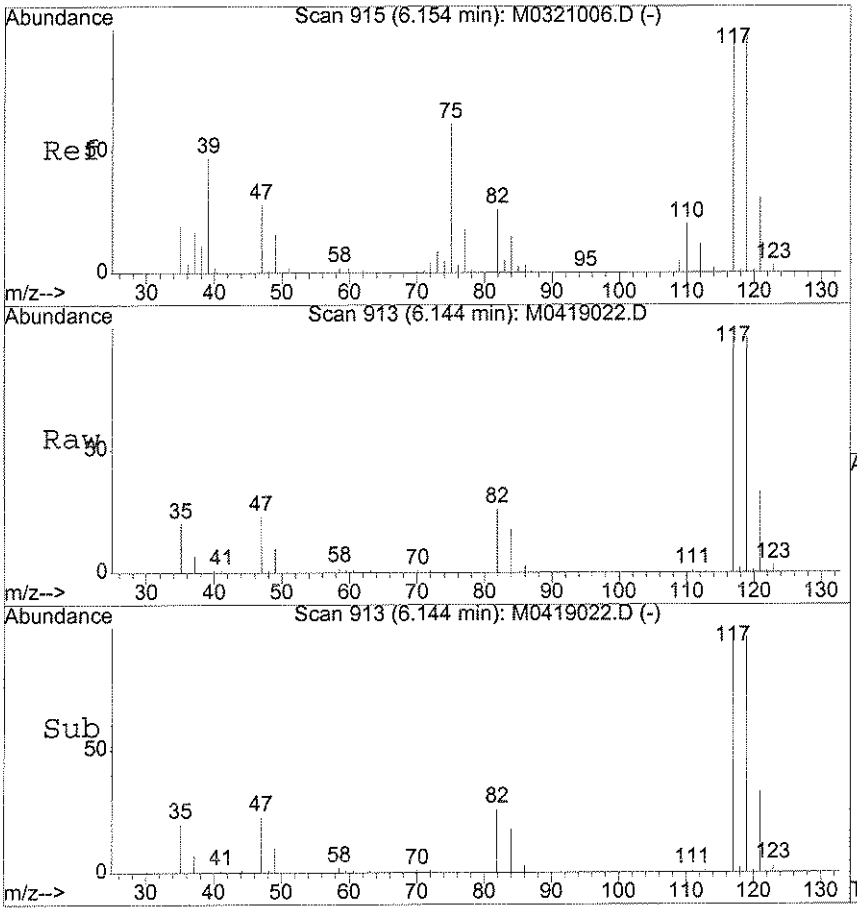


#31
Chloroform
Concen: 9.09 ug/l
RT: 5.82 min Scan# 859
Delta R.T. 0.00 min
Lab File: M0419022.D
Acq: 19 Apr 2007 20:48

Tgt Ion: 83 Resp: 142600

Ion	Ratio	Lower	Upper
83	100		
85	64.1	41.2	81.2

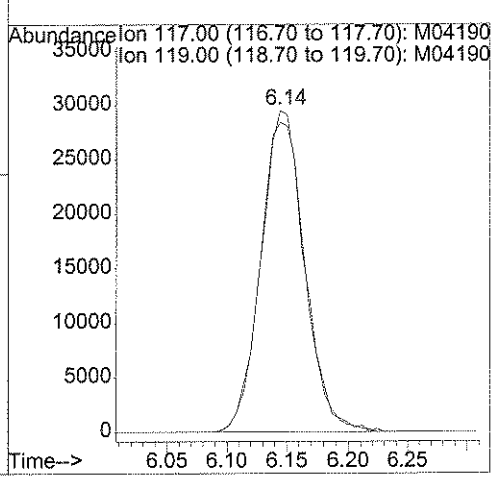


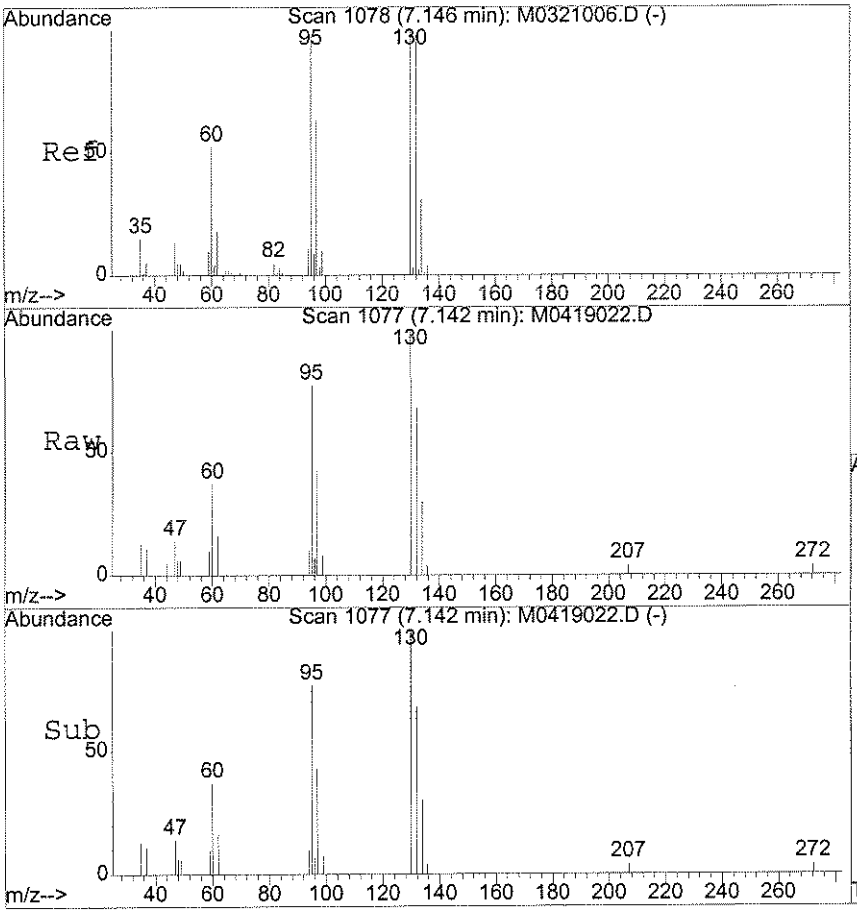


#35
Carbon Tetrachloride
Concen: 7.94 ug/l
RT: 6.14 min Scan# 913
Delta R.T. 0.00 min
Lab File: M0419022.D
Acq: 19 Apr 2007 20:48

Tgt Ion:117 Resp: 74033

Ion	Ratio	Lower	Upper
117	100		
119	99.1	78.2	118.2

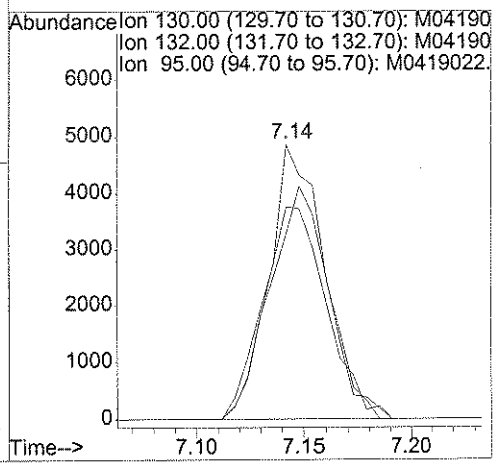


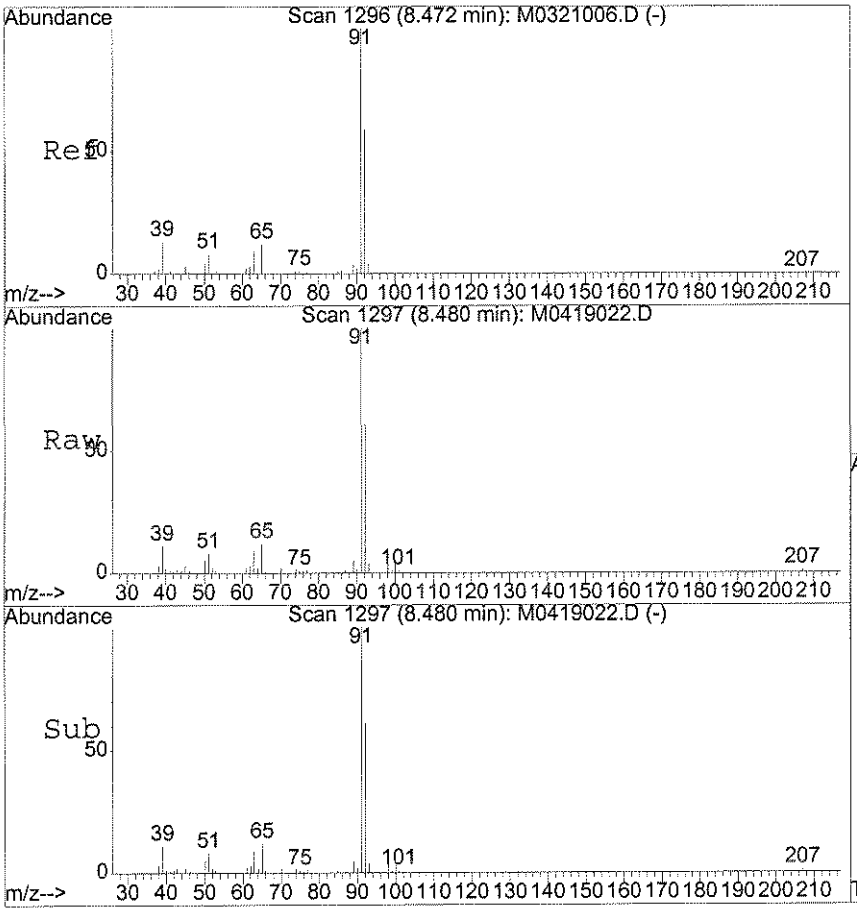


#41
Trichloroethene
Concen: 1.01 ug/l
RT: 7.14 min Scan# 1077
Delta R.T. -0.00 min
Lab File: M0419022.D
Acq: 19 Apr 2007 20:48

Tgt Ion:130 Resp: 8872

Ion	Ratio	Lower	Upper
130	100		
132	87.0	75.0	115.0
95	83.4	69.4	109.4

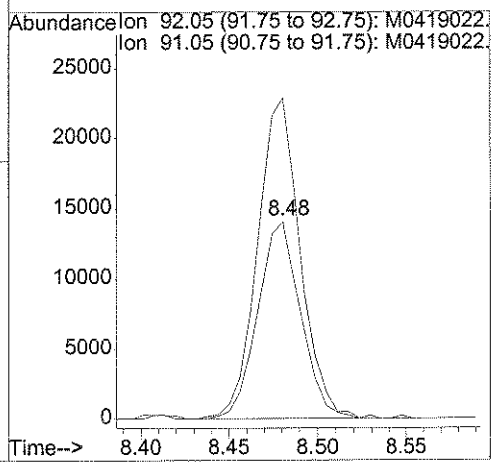


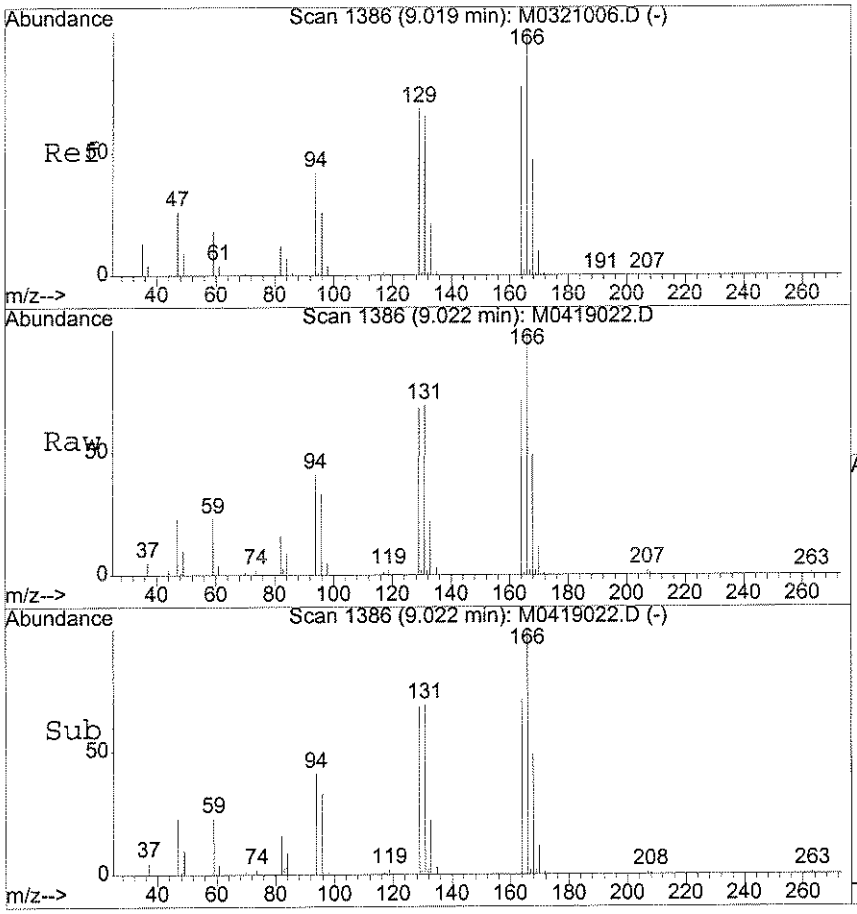


#52
Toluene
Concen: 1.07 ug/l
RT: 8.48 min Scan# 1297
Delta R.T. 0.00 min
Lab File: M0419022.D
Acq: 19 Apr 2007 20:48

Tgt Ion: 92 Resp: 23779

Ion	Ratio	Lower	Upper
92	100		
91	161.5	133.7	200.5

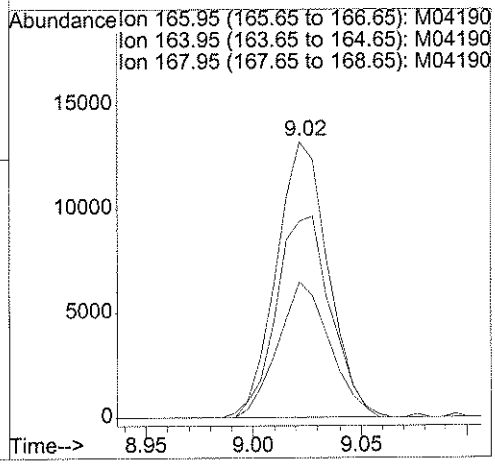




#56
Tetrachloroethene
Concen: 2.76 ug/l
RT: 9.02 min Scan# 1386
Delta R.T. -0.00 min
Lab File: M0419022.D
Acq: 19 Apr 2007 20:48

Tgt Ion:166 Resp: 21881

Ion	Ratio	Lower	Upper
166	100		
164	77.0	63.3	94.9
168	49.2	39.6	59.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-12-4/11/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419014.D

Level: (LOW/MED) Date Collected: 04/11/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 17:35

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-12-4/11/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419014.D

Level: (LOW/MED) _____ Date Collected: 04/11/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/19/2007 17:35

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-12-4/11/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419014.D

Level: (LOW/MED) Date Collected: 04/11/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 17:35

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

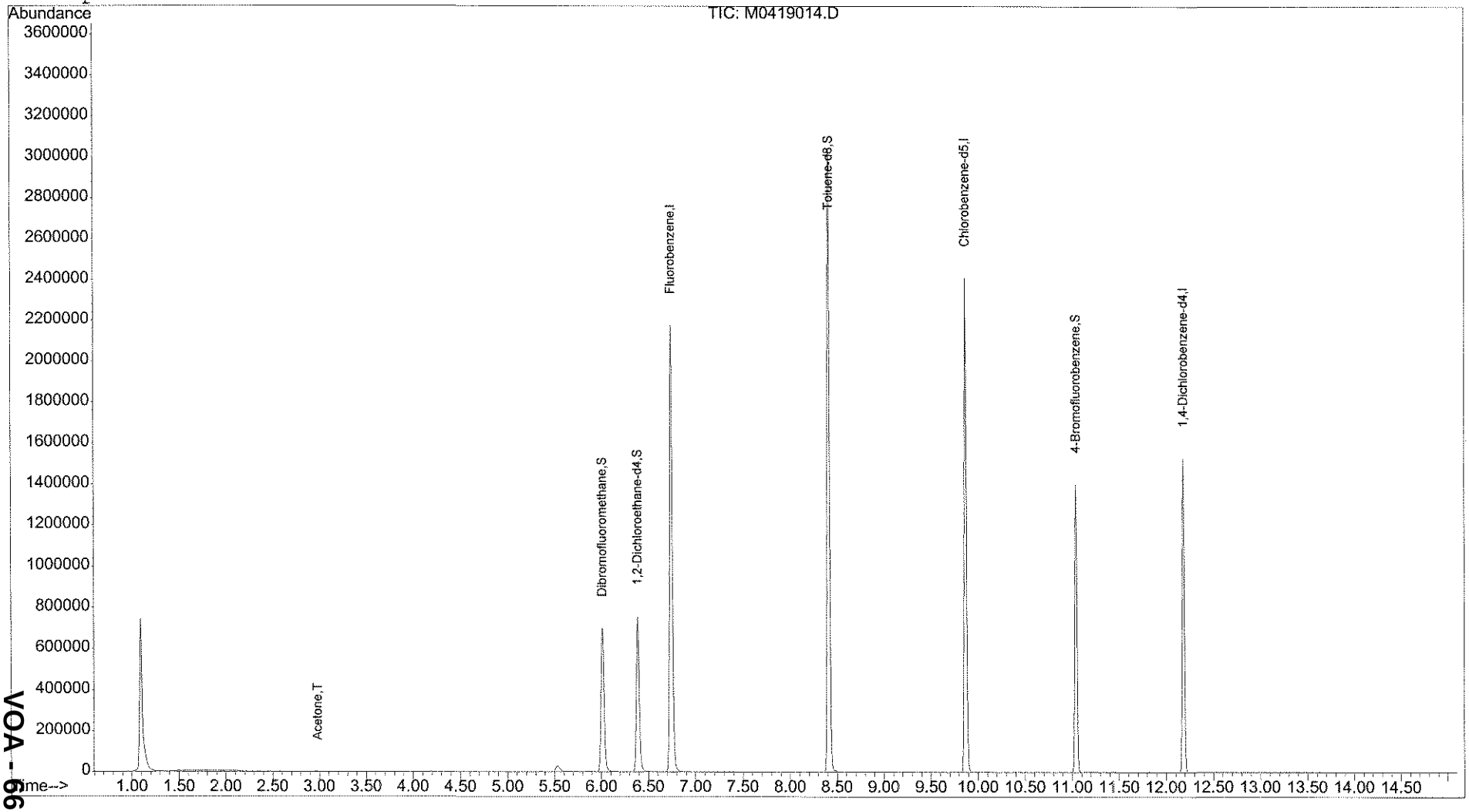
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419014.D Vial: 57
Acq On : 19 Apr 2007 17:35 Operator: LH
Sample : JPL33-007 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:02 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration



VOA-96

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419014.D Vial: 57
Acq On : 19 Apr 2007 17:35 Operator: LH
Sample : JPL33-007 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:02 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	2058498	50.00	ug/l	0.00 105.46%
50) Chlorobenzene-d5	9.87	82	701245	50.00	ug/l	0.00 99.71%
70) 1,4-Dichlorobenzene-d4	12.19	152	376296	50.00	ug/l	0.00 96.68%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	493525	50.82	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.64%			
37) 1,2-Dichloroethane-d4	6.39	65	558488	50.24	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.48%			
51) Toluene-d8	8.41	98	2030752	52.43	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.86%			
72) 4-Bromofluorobenzene	11.04	95	430688	55.49	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 110.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.41	50	60	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	2.75	96	56	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	2.97	43	3770	2.01	ug/l #	78
12) Iodomethane	2.90	142	55	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.04	76	757	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	3.88	96	61	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		

LW 4/20/07

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419014.D Vial: 57
Acq On : 19 Apr 2007 17:35 Operator: LH
Sample : JPL33-007 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:02 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
23)	Vinyl acetate	0.00	43	0	N.D.		
24)	Chloroprene	4.67	53	58	N.D.		
25)	2,2-Dichloropropane	5.35	77	82	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	0.00	43	0	N.D.	d	
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	5.69	41	76	N.D.		
31)	Chloroform	5.83	83	266	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	6.16	75	387	N.D.		
38)	Benzene	6.40	78	1067	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.	d	
41)	Trichloroethene	7.14	130	134	N.D.		
42)	Methylcyclohexane	7.29	83	192	N.D.		
43)	1,2-Dichloropropane	7.28	63	65	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	0.00	83	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
48)	cis-1,3-Dichloropropene	8.27	75	66	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
52)	Toluene	8.48	92	1690	N.D.		
53)	trans-1,3-Dichloropropene	8.72	75	74	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	9.03	166	230	N.D.		
57)	1,3-Dichloropropane	9.13	76	87	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.	d	
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	9.51	107	88	N.D.		
61)	Chlorobenzene	9.90	112	334	N.D.		
62)	1-Chlorohexane	0.00	91	0	N.D.	d	
63)	1,1,1,2-Tetrachloroethane	10.03	131	59	N.D.		
64)	Ethylbenzene	10.00	91	893	N.D.		
65)	m,p-Xylene	10.10	106	876	N.D.		
66)	o-xylene	10.51	106	248	N.D.		
67)	Styrene	10.52	104	186	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419014.D Vial: 57
Acq On : 19 Apr 2007 17:35 Operator: LH
Sample : JPL33-007 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:02 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.76	173	349	N.D.		
69)	Isopropylbenzene	10.87	105	408	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.04	83	412	N.D.		
75)	1,2,3-Trichloropropane	11.04	110	283	N.D.		
76)	n-Propylbenzene	11.27	120	166	N.D.		
77)	2-Chlorotoluene	11.27	91	687	N.D.		
78)	4-Chlorotoluene	11.48	91	408	N.D.		
79)	1,3,5-Trimethylbenzene	11.44	105	307	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.82	105	435	N.D.		
82)	sec-butylbenzene	11.98	105	413	N.D.		
83)	1,3-Dichlorobenzene	12.11	146	203	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.20	146	150	N.D.		
86)	1,2-Dichlorobenzene	12.57	146	58	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	13.54	157	56	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d	
90)	Hexachlorobutadiene	14.33	225	357	N.D.		
91)	Naphthalene	0.00	128	0	N.D.	d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-7-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419023.D

Level: (LOW/MED) _____ Date Collected: 04/11/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/19/2007 21:12

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.84	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	9.2	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	8.0	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.94	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.98	

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-7-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419023.D

Level: (LOW/MED) Date Collected: 04/11/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 21:12

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	2.7	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-7-1Q07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419023.D

Level: (LOW/MED) Date Collected: 04/11/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 21:12

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

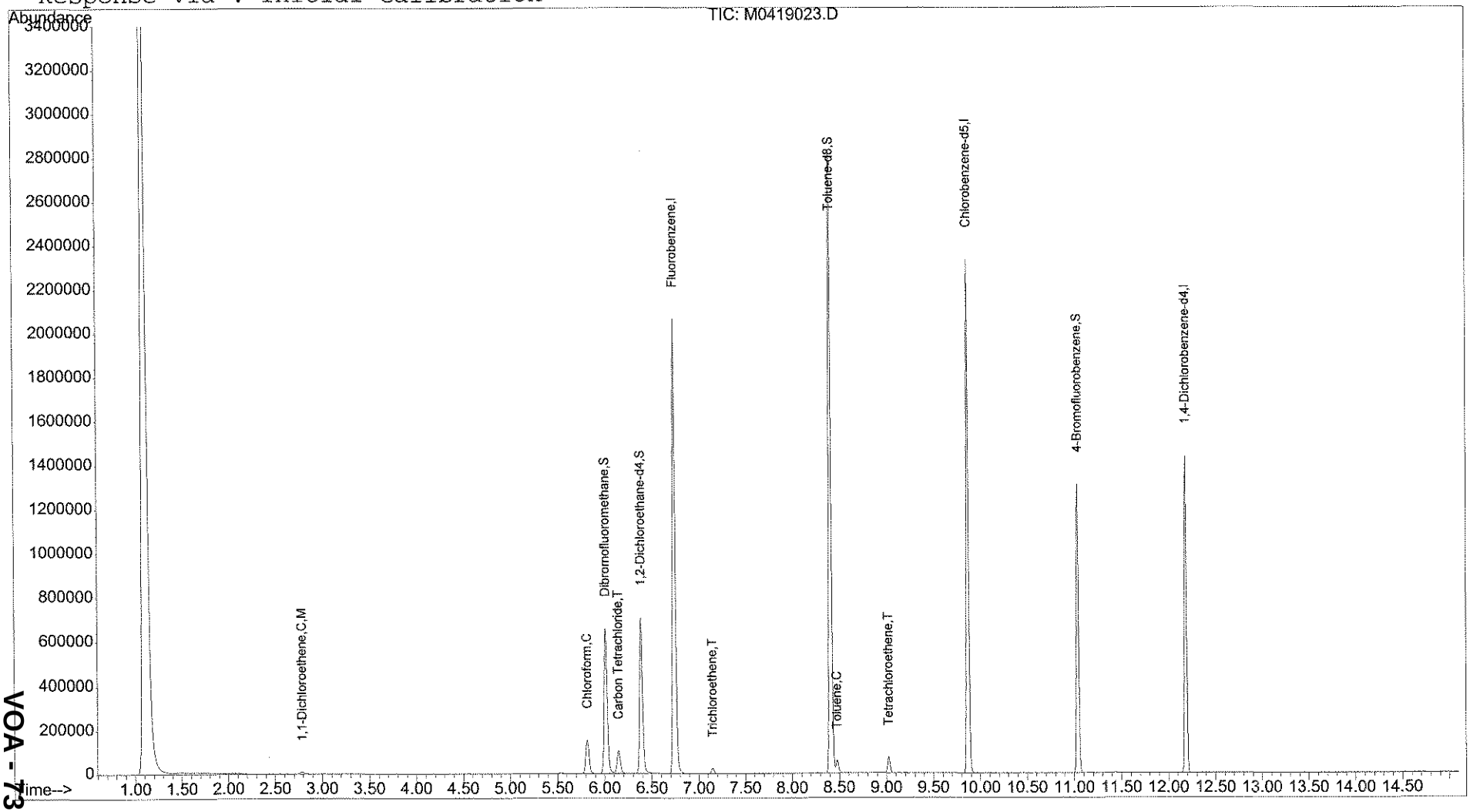
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419023.D Vial: 66
Acq On : 19 Apr 2007 21:12 Operator: LH
Sample : JPL33-008 Inst : MOBY
Misc : 5ml +IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:18 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration



VOA - 73

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419023.D Vial: 66
Acq On : 19 Apr 2007 21:12 Operator: LH
Sample : JPL33-008 Inst : MOBY
Misc : 5ml +IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:18 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1943605	50.00	ug/l	0.00 99.57%
50) Chlorobenzene-d5	9.87	82	661314	50.00	ug/l	0.00 94.03%
70) 1,4-Dichlorobenzene-d4	12.19	152	353680	50.00	ug/l	0.00 90.87%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	460435	50.21	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.42%			
37) 1,2-Dichloroethane-d4	6.39	65	521850	49.72	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.44%			
51) Toluene-d8	8.41	98	1916455	52.47	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.94%			
72) 4-Bromofluorobenzene	11.04	95	400959	54.96	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 109.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.79	96	88	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	2.20	101	726	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	2.79	96	4985	0.84	ug/l	94
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	2.93	43	131	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.06	76	58	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	3.34	43	56	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	4.53	63	1146	N.D.		

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

4/20/07

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419023.D Vial: 66
Acq On : 19 Apr 2007 21:12 Operator: LH
Sample : JPL33-008 Inst : MOBY
Misc : 5ml +IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:18 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) Vinyl acetate	0.00	43	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	0.00	77	0	N.D.	
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
27) 2-Butanone	5.48	43	122	N.D.	
28) Propionitrile	0.00	54	0	N.D.	
29) Bromochloromethane	0.00	128	0	N.D.	
30) Methacrylonitrile	5.82	41	388	N.D.	
31) Chloroform	5.82	83	142784	9.15 ug/l	94
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
34) Cyclohexane	6.00	56	120	N.D.	
35) Carbon Tetrachloride	6.15	117	73925	7.97 ug/l	99
36) 1,1-Dichloropropene	0.00	75	0	N.D.	
38) Benzene	6.40	78	1180	N.D.	
39) 1,2-Dichloroethane	6.48	62	422	N.D.	
40) Isobutanol	0.00	43	0	N.D. d	
41) Trichloroethene	7.15	130	8180	0.94 ug/l	96
42) Methylcyclohexane	7.15	83	165	N.D.	
43) 1,2-Dichloropropane	0.00	63	0	N.D.	
44) Dibromomethane	0.00	93	0	N.D.	
45) Methyl methacrylate	0.00	41	0	N.D.	
46) Bromodichloromethane	7.58	83	55	N.D.	
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48) cis-1,3-Dichloropropene	8.12	75	58	N.D.	
49) 4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52) Toluene	8.48	92	21634	0.98 ug/l	89
53) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54) Ethyl methacrylate	0.00	69	0	N.D.	
55) 1,1,2-Trichloroethane	8.94	97	539	N.D.	
56) Tetrachloroethene	9.03	166	21488	2.71 ug/l	98
57) 1,3-Dichloropropane	0.00	76	0	N.D.	
58) 2-Hexanone	0.00	43	0	N.D. d	
59) Dibromochloromethane	0.00	129	0	N.D.	
60) 1,2-Dibromoethane	0.00	107	0	N.D.	
61) Chlorobenzene	9.90	112	282	N.D.	
62) 1-Chlorohexane	0.00	91	0	N.D. d	
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64) Ethylbenzene	9.99	91	298	N.D.	
65) m,p-Xylene	10.11	106	295	N.D.	
66) o-xylene	0.00	106	0	N.D.	
67) Styrene	10.76	104	77	N.D.	

LH 4/20/07

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

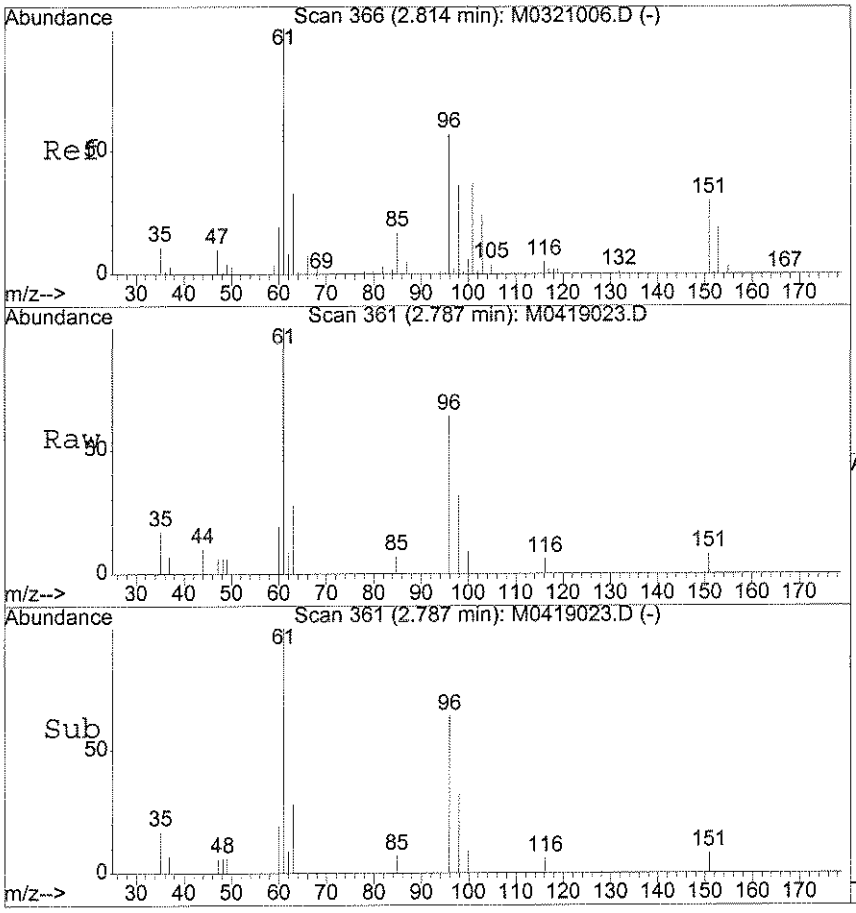
Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419023.D Vial: 66
Acq On : 19 Apr 2007 21:12 Operator: LH
Sample : JPL33-008 Inst : MOBY
Misc : 5ml +IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:18 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.74	173	154	N.D.		
69)	Isopropylbenzene	10.86	105	105	N.D.		
71)	trans-1,4-Dichloro-2-buten	11.13	53	55	N.D.		
73)	Bromobenzene	11.04	156	84	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.10	83	59	N.D.		
75)	1,2,3-Trichloropropane	11.04	110	148	N.D.		
76)	n-Propylbenzene	11.44	120	62	N.D.		
77)	2-Chlorotoluene	11.36	91	66	N.D.		
78)	4-Chlorotoluene	11.36	91	66	N.D.		
79)	1,3,5-Trimethylbenzene	11.44	105	67	N.D.		
80)	tert-Butylbenzene	11.88	119	55	N.D.		
81)	1,2,4-Trimethylbenzene	11.98	105	87	N.D.		
82)	sec-butylbenzene	11.98	105	87	N.D.		
83)	1,3-Dichlorobenzene	12.12	146	61	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.20	146	57	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	d	

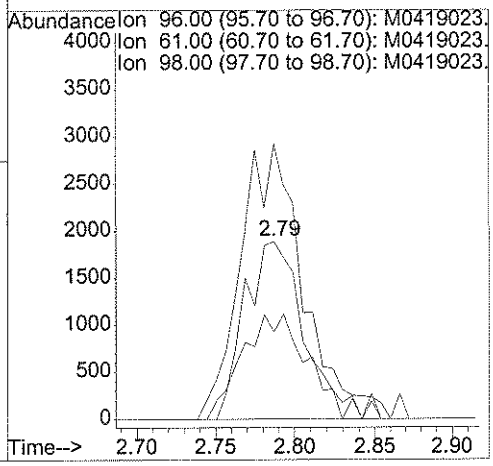
(#) = qualifier out of range (m) = manual integration
M0419023.D 8260B.M Fri Apr 20 10:18:35 2007 Page 3

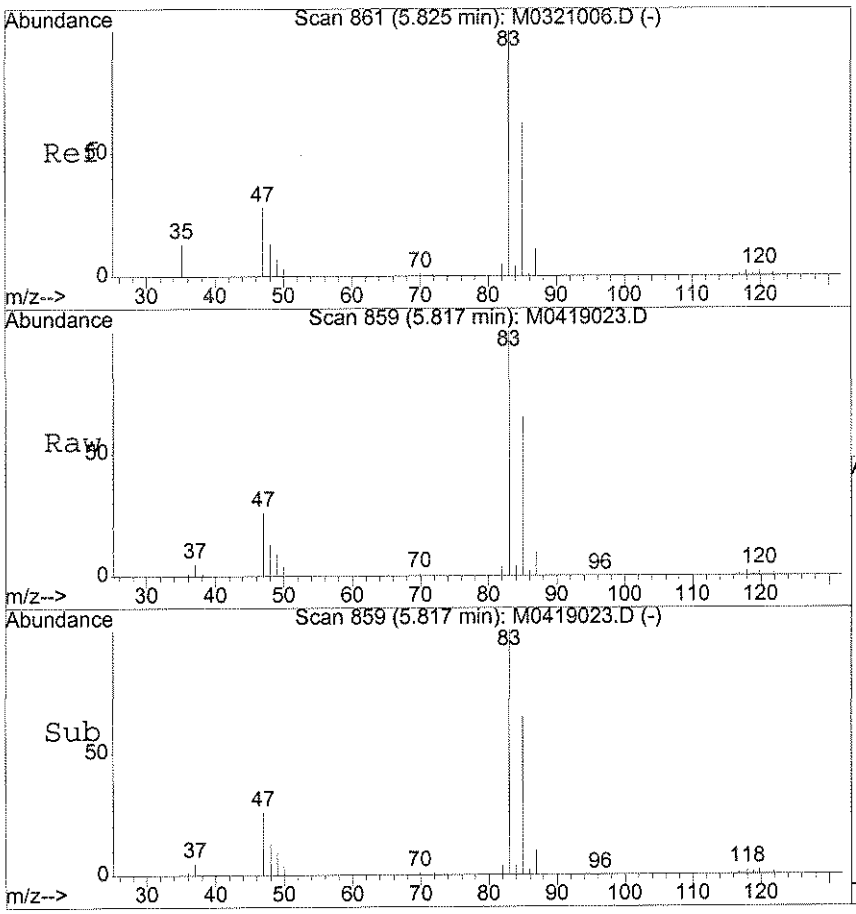


#9
1,1-Dichloroethene
Concen: 0.84 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: M0419023.D
Acq: 19 Apr 2007 21:12

Tgt Ion: 96 Resp: 4985

Ion	Ratio	Lower	Upper
96	100		
61	161.8	138.6	178.6
98	65.2	32.2	72.2

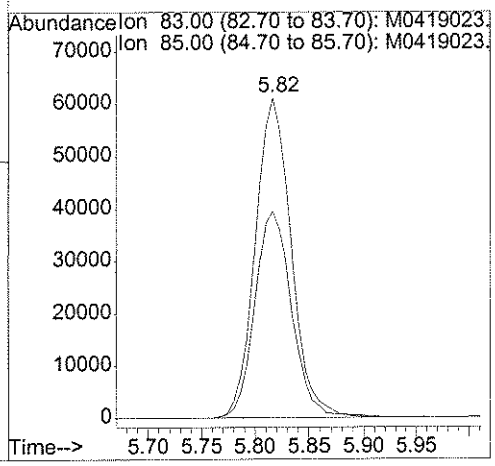


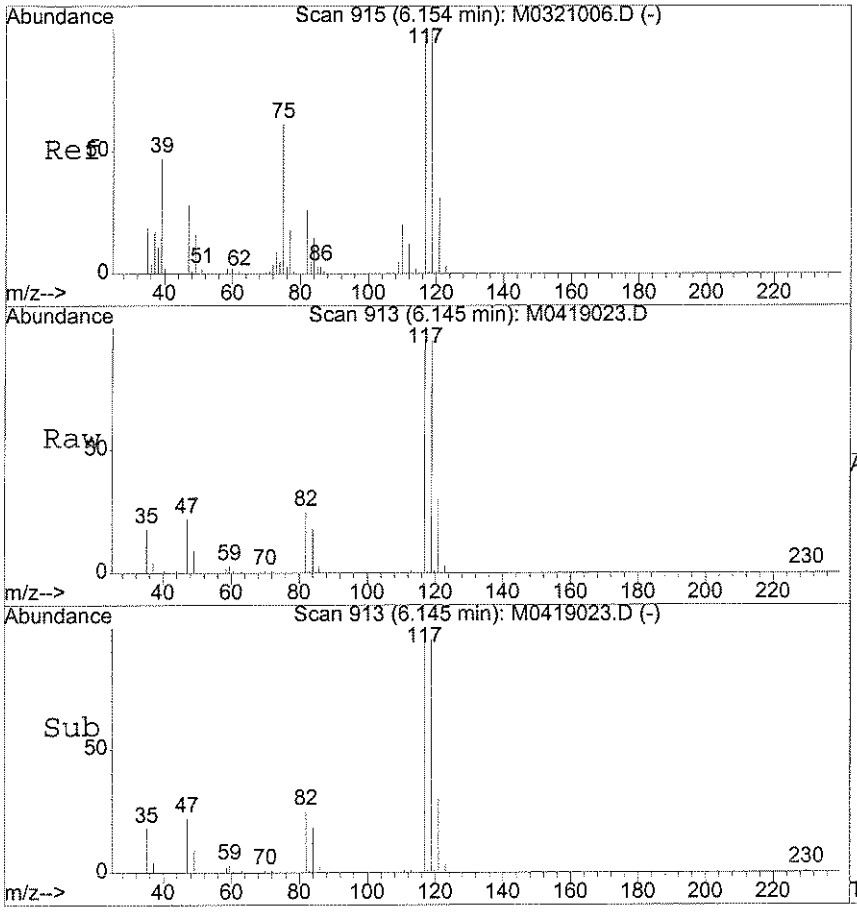


#31
Chloroform
Concen: 9.15 ug/l
RT: 5.82 min Scan# 859
Delta R.T. 0.00 min
Lab File: M0419023.D
Acq: 19 Apr 2007 21:12

Tgt Ion: 83 Resp: 142784

Ion	Ratio	Lower	Upper
83	100		
85	65.9	41.2	81.2

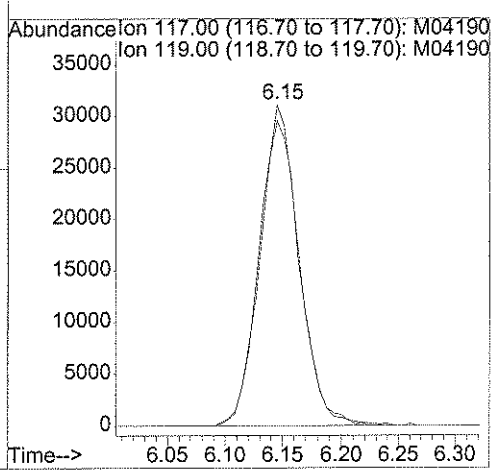


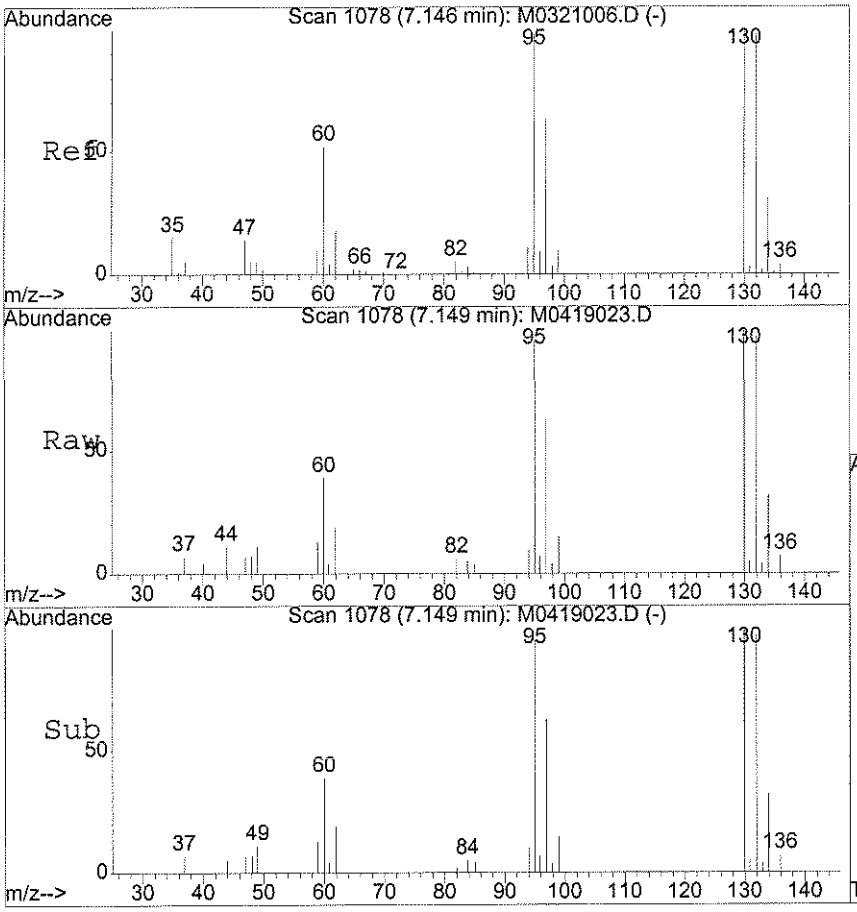


#35
Carbon Tetrachloride
Concen: 7.97 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: M0419023.D
Acq: 19 Apr 2007 21:12

Tgt Ion:117 Resp: 73925

Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.2	118.2

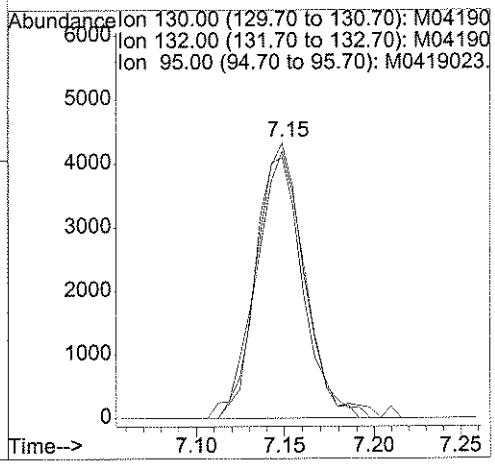


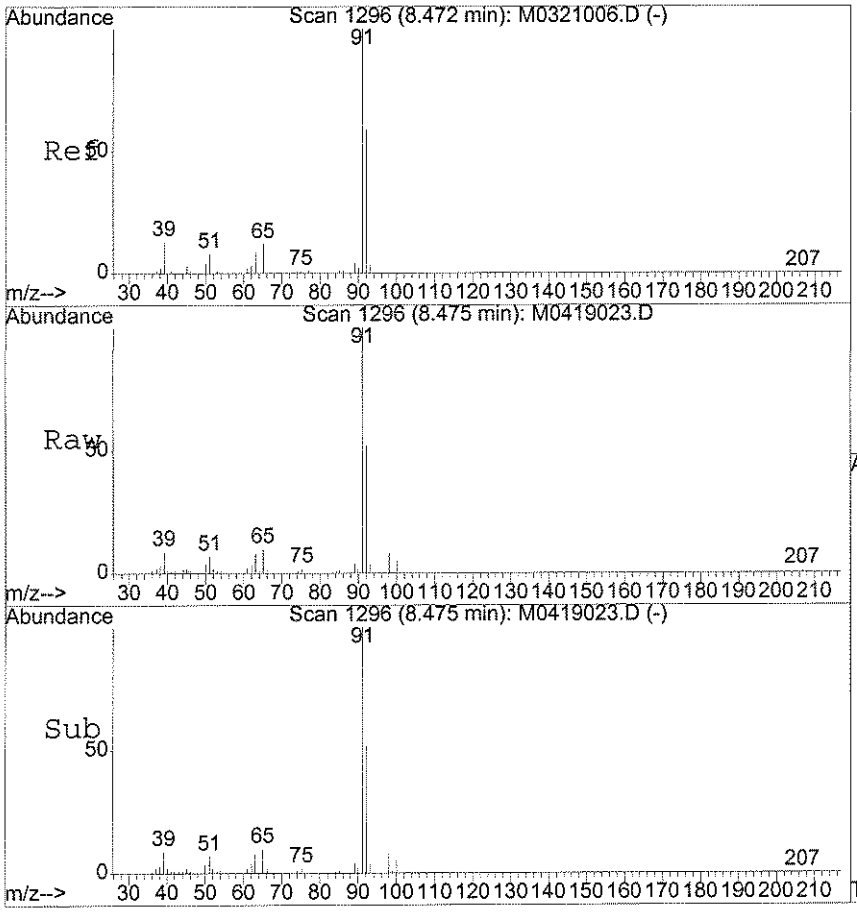


#41
Trichloroethene
Concen: 0.94 ug/l
RT: 7.15 min Scan# 1078
Delta R.T. 0.00 min
Lab File: M0419023.D
Acq: 19 Apr 2007 21:12

Tgt Ion:130 Resp: 8180

Ion	Ratio	Lower	Upper
130	100		
132	95.6	75.0	115.0
95	95.6	69.4	109.4

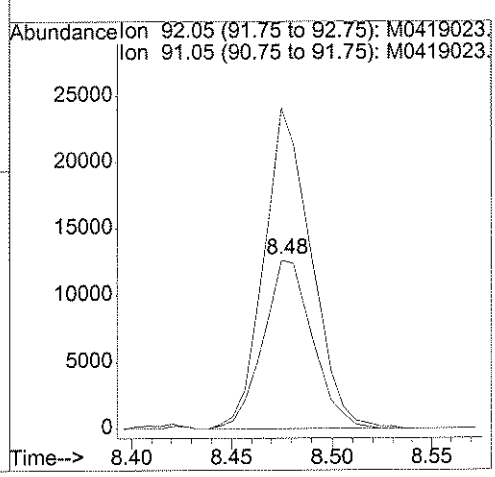


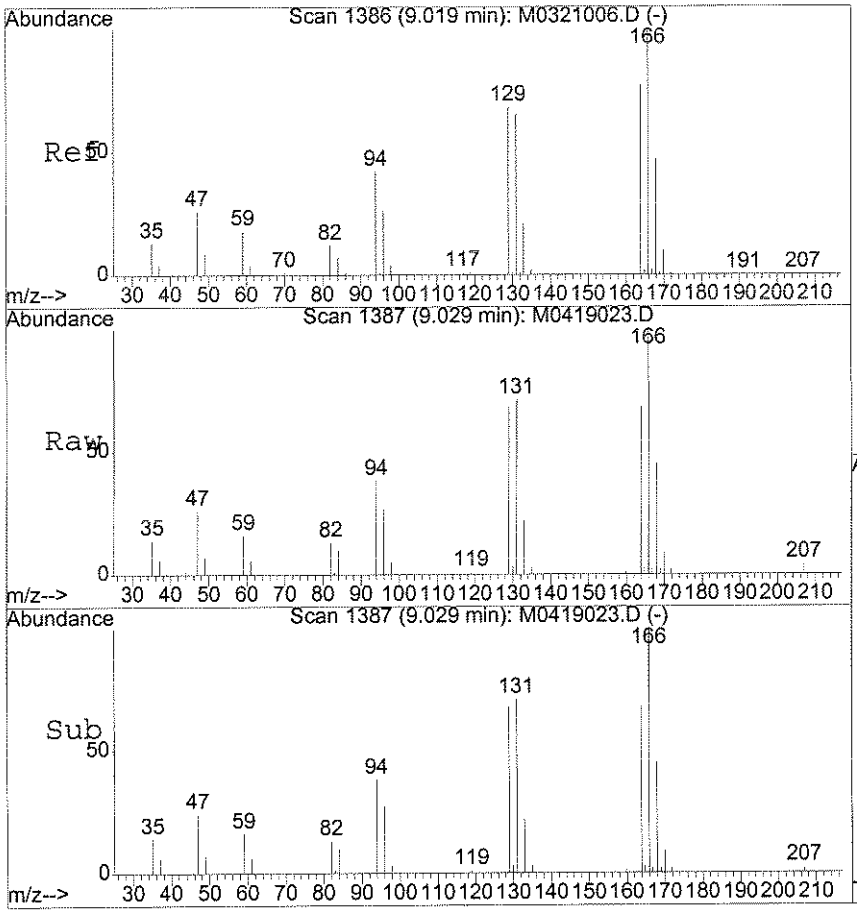


#52
Toluene
Concen: 0.98 ug/l
RT: 8.48 min Scan# 1296
Delta R.T. -0.00 min
Lab File: M0419023.D
Acq: 19 Apr 2007 21:12

Tgt Ion: 92 Resp: 21634

Ion	Ratio	Lower	Upper
92	100		
91	182.1	133.7	200.5

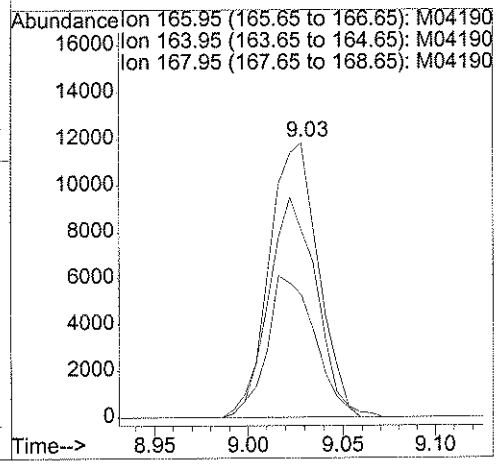




#56
Tetrachloroethene
Concen: 2.71 ug/l
RT: 9.03 min Scan# 1387
Delta R.T. 0.00 min
Lab File: M0419023.D
Acq: 19 Apr 2007 21:12

Tgt Ion:166 Resp: 21488

Ion	Ratio	Lower	Upper
166	100		
164	76.5	63.3	94.9
168	49.6	39.6	59.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-7

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419024.D

Level: (LOW/MED) Date Collected: 04/12/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 21:36

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	2.5	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	5.4	
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.56	

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-7

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL33

Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL33-009

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0419024.D

Level: (LOW/MED)

Date Collected: 04/12/2007

% Moisture: not dec.

Date/Time Analyzed: 04/19/2007 21:36

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	7.6	
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	5.7	
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-7

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419024.D

Level: (LOW/MED) Date Collected: 04/12/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 21:36

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

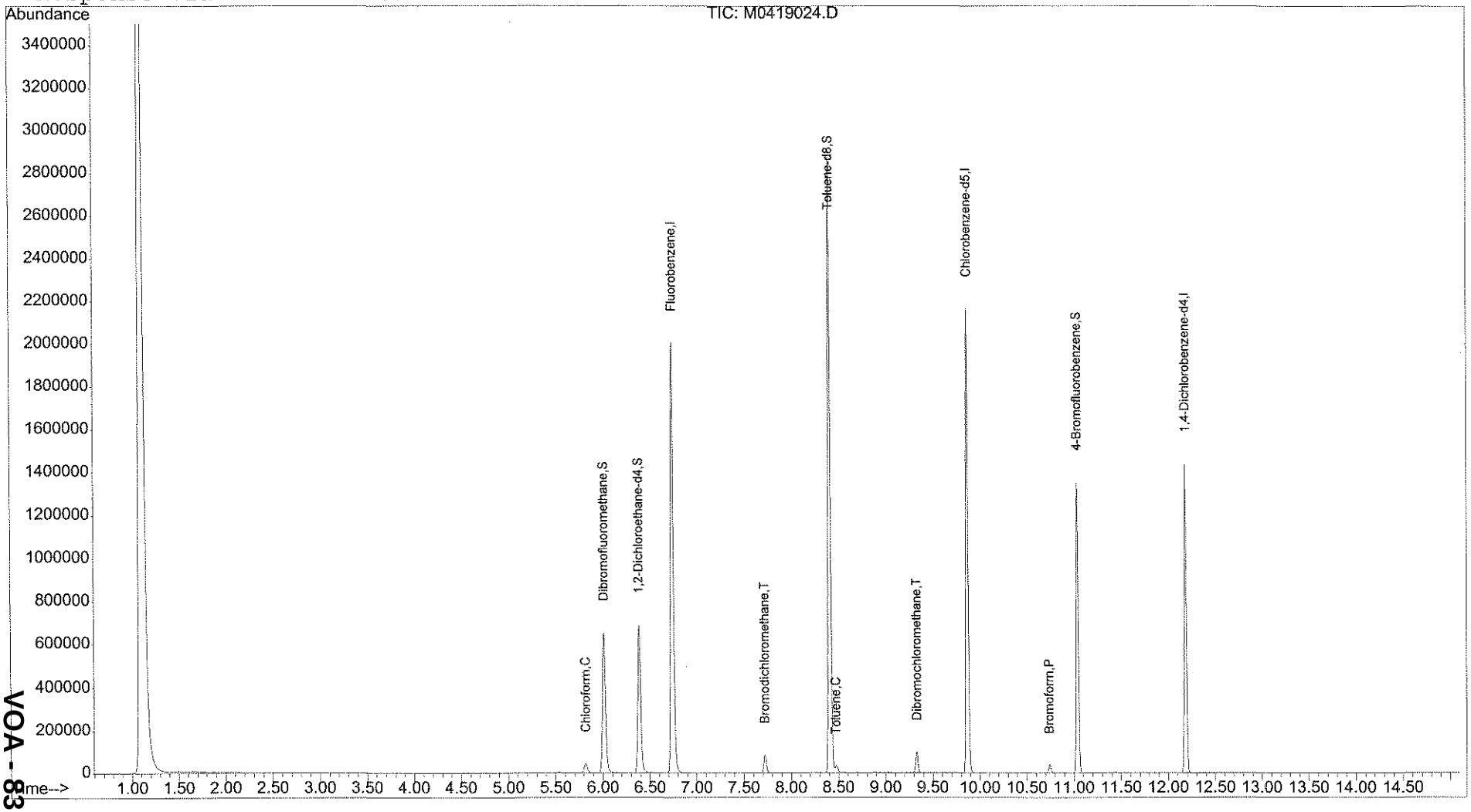
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419024.D Vial: 67
Acq On : 19 Apr 2007 21:36 Operator: LH
Sample : JPL33-009 Inst : MOBY
Misc : 5ml +IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:19 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration



VOA - 83

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419024.D Vial: 67
Acq On : 19 Apr 2007 21:36 Operator: LH
Sample : JPL33-009 Inst : MOBY
Misc : 5ml +IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:19 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1932511	50.00	ug/l	0.00 99.01%
50) Chlorobenzene-d5	9.87	82	656618	50.00	ug/l	0.00 93.36%
70) 1,4-Dichlorobenzene-d4	12.18	152	347748	50.00	ug/l	0.00 89.34%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	455607	49.97	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 99.94%			
37) 1,2-Dichloroethane-d4	6.39	65	515546	49.40	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.80%			
51) Toluene-d8	8.41	98	1902500	52.46	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.92%			
72) 4-Bromofluorobenzene	11.04	95	395198	55.10	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 110.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.42	50	81	N.D.		
4) Vinyl Chloride	1.52	62	55	N.D.		
5) Bromomethane	1.79	96	98	N.D.		
6) Chloroethane	1.95	64	55	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	2.77	96	58	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.98	43	55	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.04	76	338	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419024.D Vial: 67
Acq On : 19 Apr 2007 21:36 Operator: LH
Sample : JPL33-009 Inst : MOBY
Misc : 5ml +IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:19 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) Vinyl acetate	0.00	43	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	0.00	77	0	N.D.	
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
27) 2-Butanone	5.54	43	57	N.D.	
28) Propionitrile	0.00	54	0	N.D.	
29) Bromochloromethane	5.69	128	77	N.D.	
30) Methacrylonitrile	5.81	41	58	N.D.	
31) Chloroform	5.81	83	39468	2.54 ug/l	96
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
34) Cyclohexane	0.00	56	0	N.D.	
35) Carbon Tetrachloride	6.14	117	285	N.D.	
36) 1,1-Dichloropropene	0.00	75	0	N.D.	
38) Benzene	6.40	78	1113	N.D.	
39) 1,2-Dichloroethane	0.00	62	0	N.D.	
40) Isobutanol	0.00	43	0	N.D. d	
41) Trichloroethene	7.14	130	66	N.D.	
42) Methylcyclohexane	0.00	83	0	N.D.	
43) 1,2-Dichloropropane	0.00	63	0	N.D.	
44) Dibromomethane	7.55	93	823	N.D.	
45) Methyl methacrylate	7.42	41	55	N.D.	
46) Bromodichloromethane	7.72	83	56494	5.35 ug/l	99
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49) 4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52) Toluene	8.48	92	12409	0.56 ug/l	93
53) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54) Ethyl methacrylate	0.00	69	0	N.D.	
55) 1,1,2-Trichloroethane	8.93	97	56	N.D.	
56) Tetrachloroethene	9.03	166	201	N.D.	
57) 1,3-Dichloropropane	0.00	76	0	N.D.	
58) 2-Hexanone	0.00	43	0	N.D. d	
59) Dibromochloromethane	9.32	129	48117	7.57 ug/l	98
60) 1,2-Dibromoethane	0.00	107	0	N.D.	
61) Chlorobenzene	9.91	112	62	N.D.	
62) 1-Chlorohexane	0.00	91	0	N.D. d	
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64) Ethylbenzene	10.00	91	233	N.D.	
65) m,p-Xylene	10.10	106	149	N.D.	
66) o-xylene	0.00	106	0	N.D.	
67) Styrene	10.53	104	70	N.D.	

LU 4/20/07

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

Quantitation Report

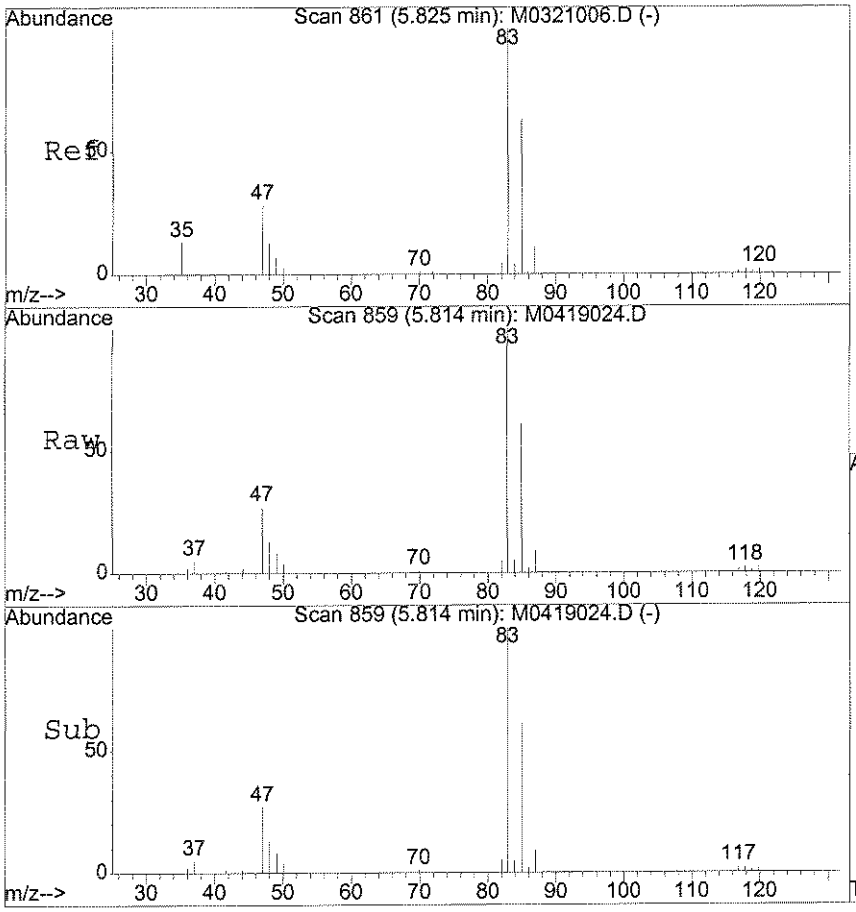
Data File : X:\MSVOA\MOBY\041907\M0419024.D Vial: 67
Acq On : 19 Apr 2007 21:36 Operator: LH
Sample : JPL33-009 Inst : MOBY
Misc : 5ml +IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:19 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
68)	Bromoform	10.74	173	17870	5.66	ug/l		94
69)	Isopropylbenzene	11.03	105	861	N.D.			
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.			
73)	Bromobenzene	11.04	156	55	N.D.			
74)	1,1,2,2-Tetrachloroethane	11.03	83	215	N.D.			
75)	1,2,3-Trichloropropane	11.30	110	62	N.D.			
76)	n-Propylbenzene	11.44	120	55	N.D.			
77)	2-Chlorotoluene	11.36	91	58	N.D.			
78)	4-Chlorotoluene	11.36	91	58	N.D.			
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.			
80)	tert-Butylbenzene	11.76	119	56	N.D.			
81)	1,2,4-Trimethylbenzene	11.82	105	160	N.D.			
82)	sec-butylbenzene	11.98	105	77	N.D.			
83)	1,3-Dichlorobenzene	12.12	146	78	N.D.			
84)	4-Isopropyltoluene	0.00	119	0	N.D.			
85)	1,4-Dichlorobenzene	12.12	146	78	N.D.			
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.			
87)	n-Butylbenzene	0.00	91	0	N.D.		d	
88)	1,2-Dibromo-3-chloropropan	13.21	157	69	N.D.			
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.			
90)	Hexachlorobutadiene	14.33	225	71	N.D.			
91)	Naphthalene	0.00	128	0	N.D.		d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		d	

LH 4/20/07

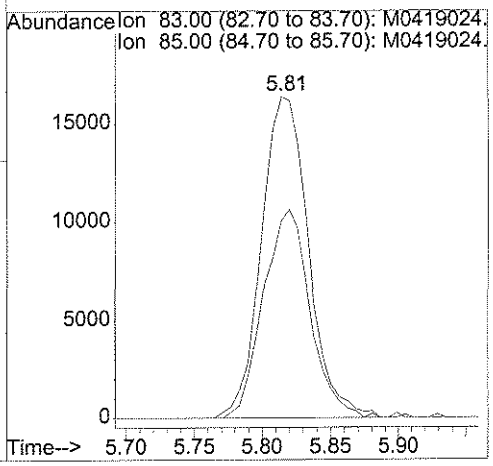
(#) = qualifier out of range (m) = manual integration

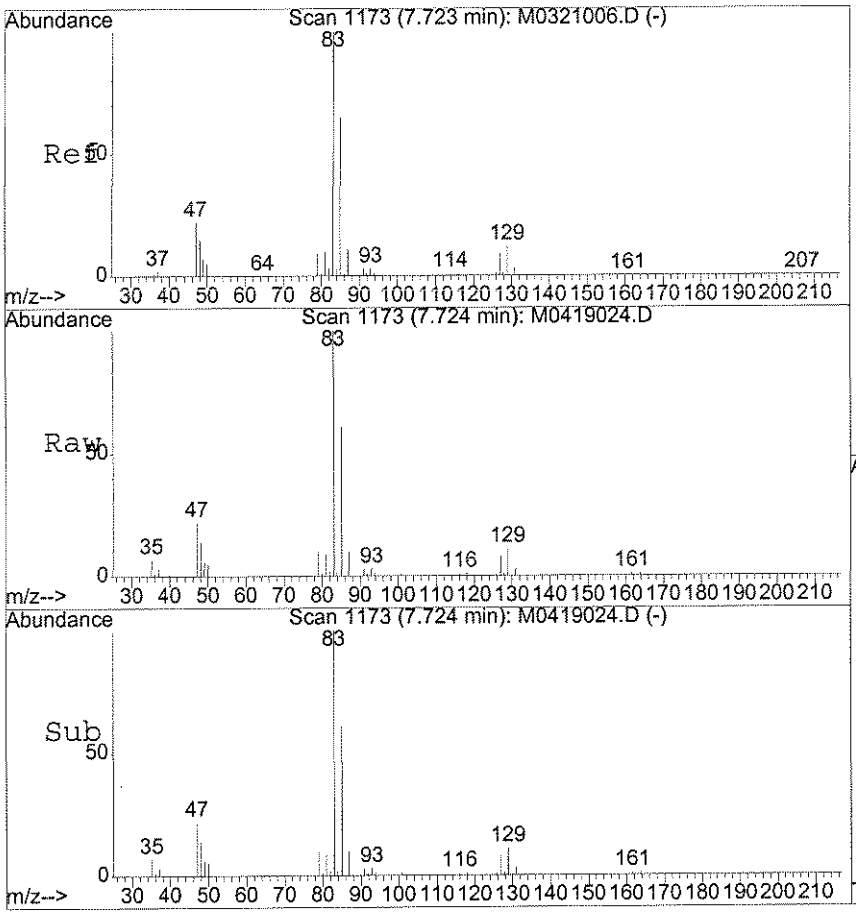


#31
Chloroform
Concen: 2.54 ug/l
RT: 5.81 min Scan# 859
Delta R.T. 0.00 min
Lab File: M0419024.D
Acq: 19 Apr 2007 21:36

Tgt Ion: 83 Resp: 39468

Ion	Ratio	Lower	Upper
83	100		
85	64.5	41.2	81.2

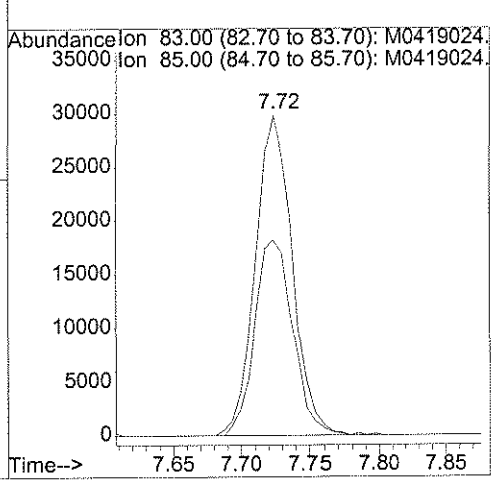


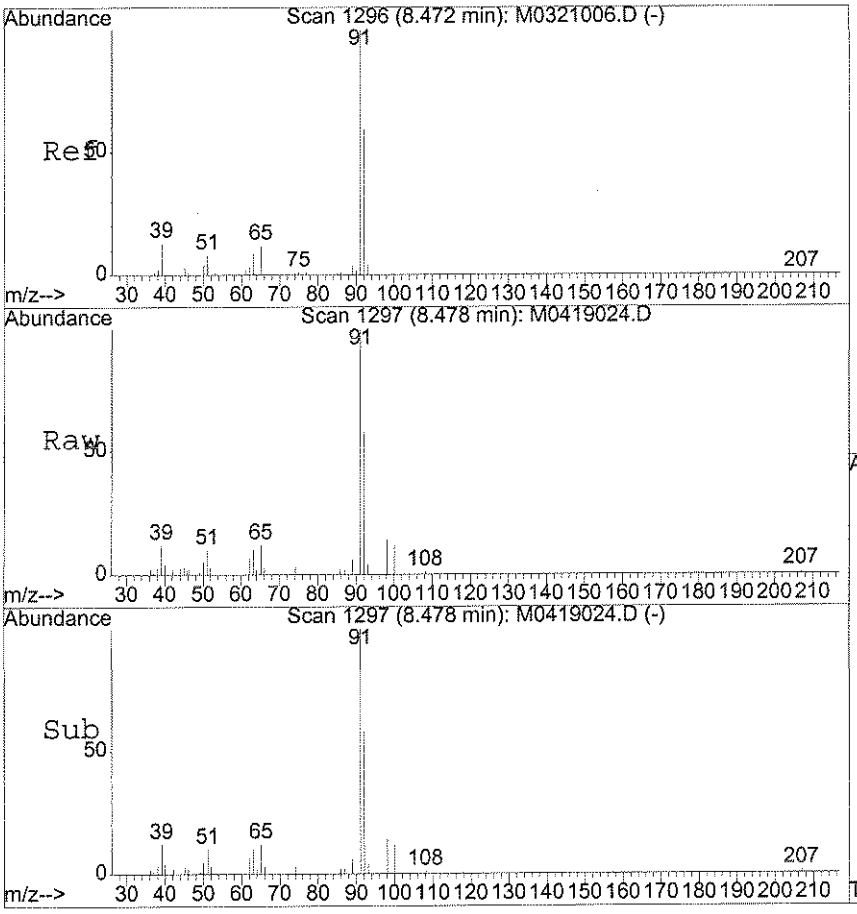


#46
Bromodichloromethane
Concen: 5.35 ug/l
RT: 7.72 min Scan# 1173
Delta R.T. 0.00 min
Lab File: M0419024.D
Acq: 19 Apr 2007 21:36

Tgt Ion: 83 Resp: 56494

Ion	Ratio	Lower	Upper
83	100		
85	63.0	44.2	84.2

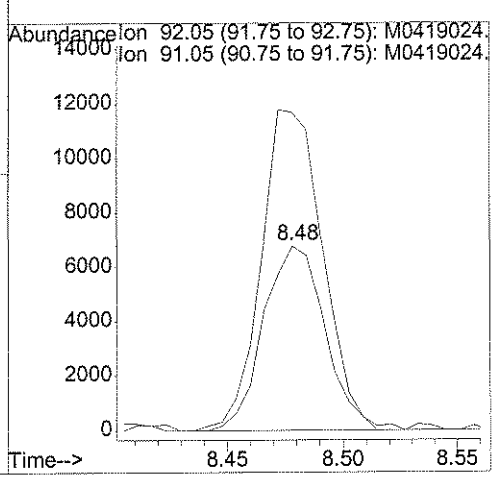


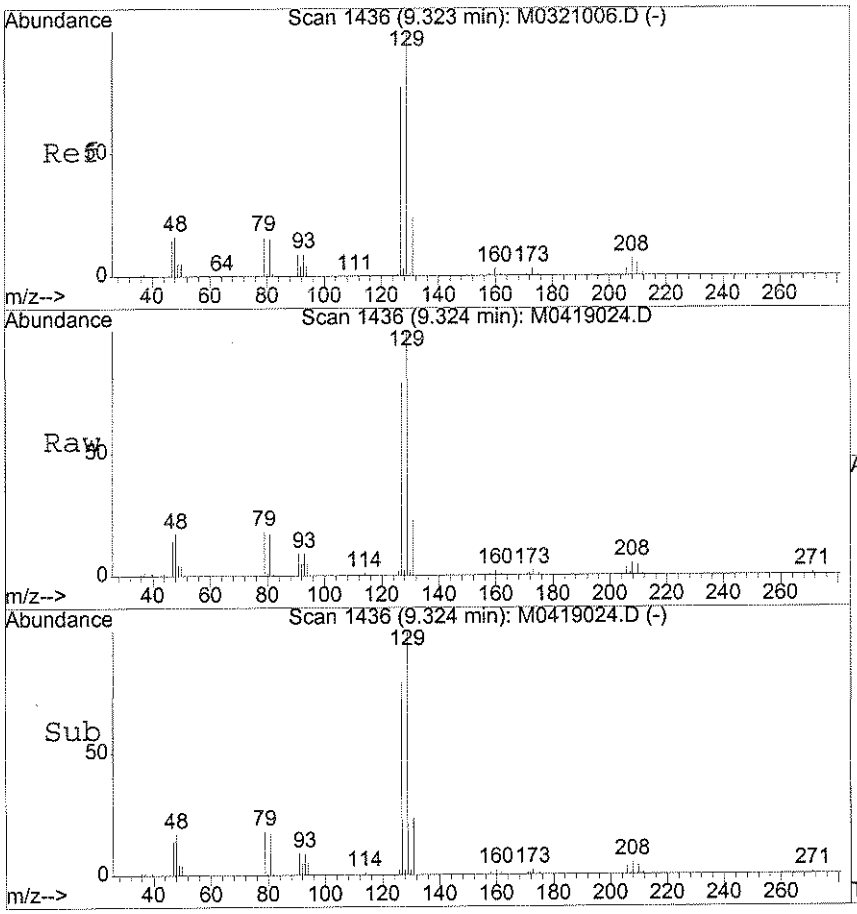


#52
Toluene
Concen: 0.56 ug/l
RT: 8.48 min Scan# 1297
Delta R.T. 0.00 min
Lab File: M0419024.D
Acq: 19 Apr 2007 21:36

Tgt Ion: 92 Resp: 12409

Ion	Ratio	Lower	Upper
92	100		
91	176.0	133.7	200.5

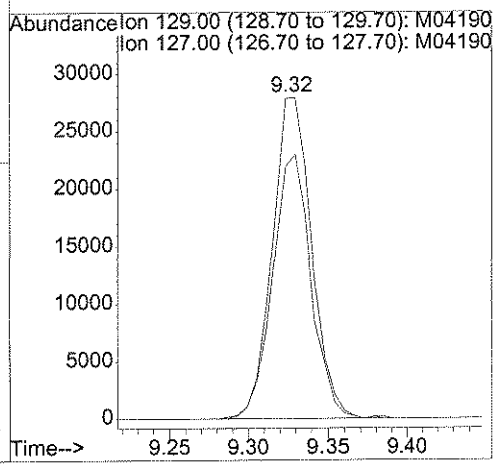


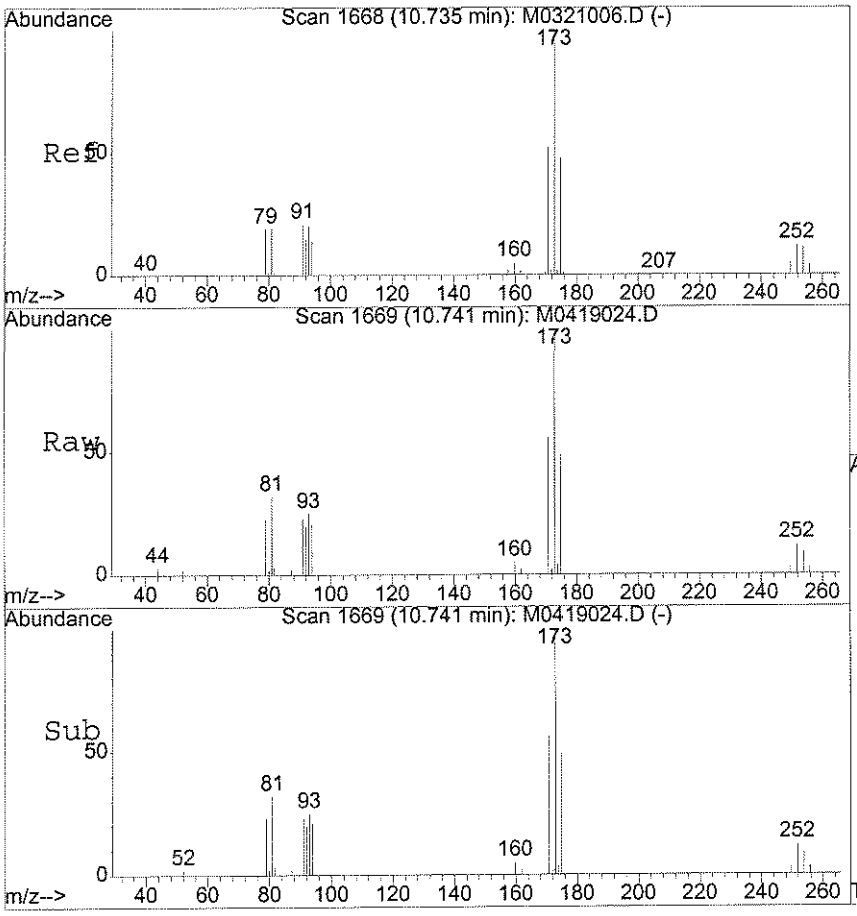


#59
Dibromochloromethane
Concen: 7.57 ug/l
RT: 9.32 min Scan# 1436
Delta R.T. 0.00 min
Lab File: M0419024.D
Acq: 19 Apr 2007 21:36

Tgt Ion:129 Resp: 48117

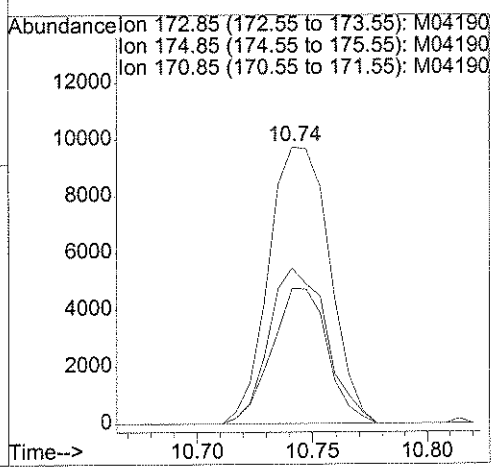
Ion	Ratio	Lower	Upper
129	100		
127	80.4	58.9	98.9





#68
Bromoform
Concen: 5.66 ug/l
RT: 10.74 min Scan# 1669
Delta R.T. 0.00 min
Lab File: M0419024.D
Acq: 19 Apr 2007 21:36

Tgt Ion:173	Resp:	17870	
Ion	Ratio	Lower	Upper
173	100		
175	44.5	40.0	60.0
171	53.2	39.8	59.8



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-8

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL33

Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL33-010

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0419025.D

Level: (LOW/MED)

Date Collected: 04/12/2007

% Moisture: not dec.

Date/Time Analyzed: 04/19/2007 22:00

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.67	
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.26	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.71	

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-8

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-010

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419025.D

Level: (LOW/MED) _____ Date Collected: 04/12/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/19/2007 22:00

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-8

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-010

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419025.D

Level: (LOW/MED) Date Collected: 04/12/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 22:00

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

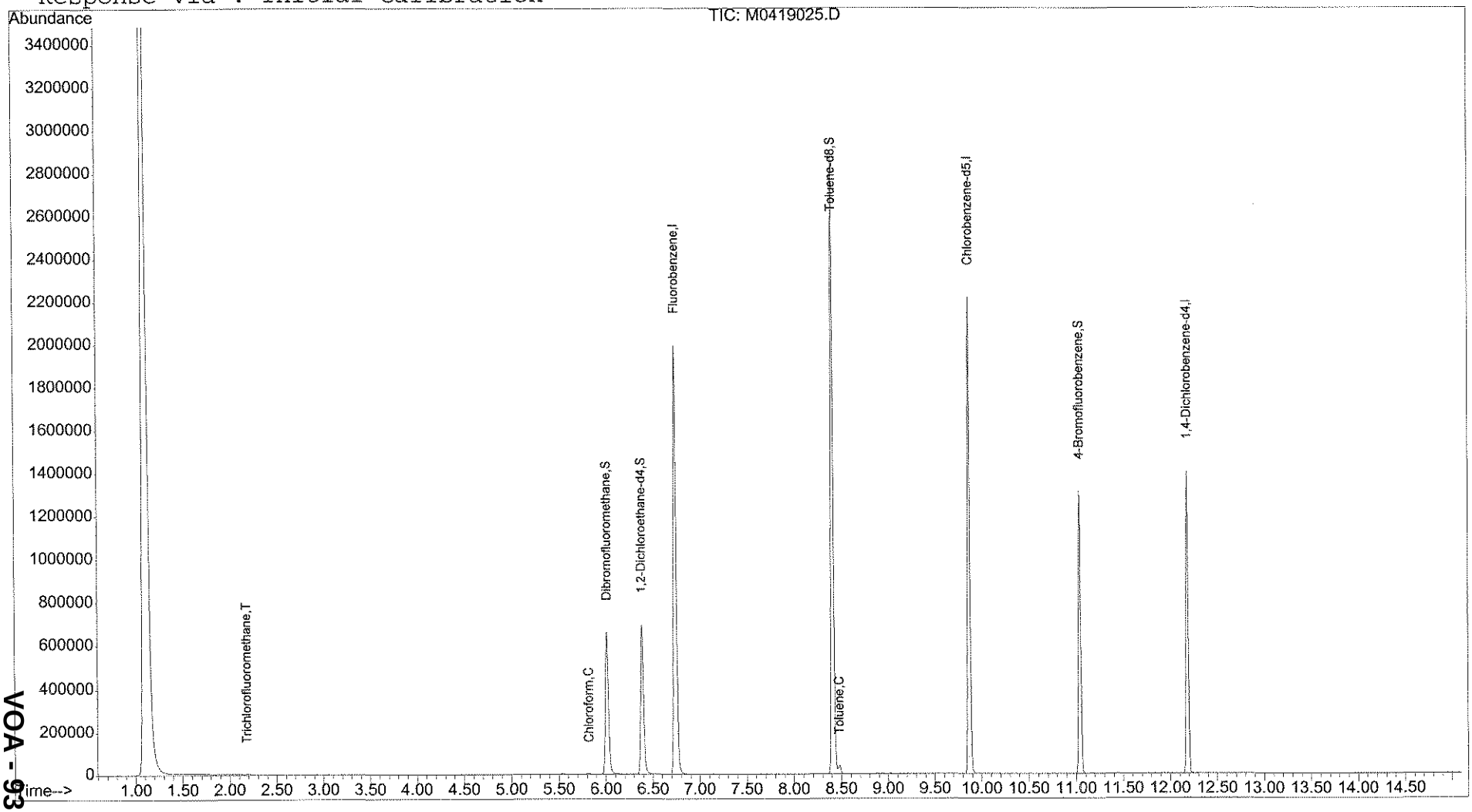
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419025.D Vial: 68
Acq On : 19 Apr 2007 22:00 Operator: LH
Sample : JPL33-010 Inst : MOBY
Misc : 5ml +IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:21 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration



VOA - 93

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419025.D Vial: 68
Acq On : 19 Apr 2007 22:00 Operator: LH
Sample : JPL33-010 Inst : MOBY
Misc : 5ml +IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:21 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1925268	50.00	ug/l	0.00 98.63%
50) Chlorobenzene-d5	9.87	82	650221	50.00	ug/l	0.00 92.45%
70) 1,4-Dichlorobenzene-d4	12.18	152	350803	50.00	ug/l	0.00 90.13%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	461530	50.81	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.62%			
37) 1,2-Dichloroethane-d4	6.39	65	517507	49.77	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.54%			
51) Toluene-d8	8.41	98	1889202	52.61	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 105.22%			
72) 4-Bromofluorobenzene	11.04	95	394161	54.47	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 108.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	1.97	64	73	N.D.		
7) Trichlorofluoromethane	2.18	101	6610m	0.67	ug/l #	34
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	2.84	96	65	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.94	43	80	N.D.		
12) Iodomethane	3.03	142	65	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.03	76	63	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	4.66	63	69	N.D.		

(#) = qualifier out of range (m) = manual integration
M0419025.D 8260B.M Fri Apr 20 10:21:37 2007 Page 1

4/20/07

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419025.D Vial: 68
Acq On : 19 Apr 2007 22:00 Operator: LH
Sample : JPL33-010 Inst : MOBY
Misc : 5ml +IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:21 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) Vinyl acetate	0.00	43	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	0.00	77	0	N.D.	
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
27) 2-Butanone	5.52	43	75	N.D.	
28) Propionitrile	0.00	54	0	N.D.	
29) Bromochloromethane	0.00	128	0	N.D.	
30) Methacrylonitrile	5.84	41	58	N.D.	
31) Chloroform	5.81	83	4032	0.26 ug/l	98
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
34) Cyclohexane	0.00	56	0	N.D.	
35) Carbon Tetrachloride	6.14	117	1006	N.D.	
36) 1,1-Dichloropropene	0.00	75	0	N.D.	
38) Benzene	6.40	78	1027	N.D.	
39) 1,2-Dichloroethane	0.00	62	0	N.D.	
40) Isobutanol	0.00	43	0	N.D. d	
41) Trichloroethene	7.14	130	1033	N.D.	
42) Methylcyclohexane	7.30	83	73	N.D.	
43) 1,2-Dichloropropane	0.00	63	0	N.D.	
44) Dibromomethane	0.00	93	0	N.D.	
45) Methyl methacrylate	7.53	41	62	N.D.	
46) Bromodichloromethane	7.72	83	744	N.D.	
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48) cis-1,3-Dichloropropene	8.23	75	57	N.D.	
49) 4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52) Toluene	8.48	92	15391	0.71 ug/l	100
53) trans-1,3-Dichloropropene	8.67	75	57	N.D.	
54) Ethyl methacrylate	0.00	69	0	N.D.	
55) 1,1,2-Trichloroethane	8.94	97	60	N.D.	
56) Tetrachloroethene	9.03	166	480	N.D.	
57) 1,3-Dichloropropane	0.00	76	0	N.D.	
58) 2-Hexanone	0.00	43	0	N.D. d	
59) Dibromochloromethane	9.34	129	73	N.D.	
60) 1,2-Dibromoethane	0.00	107	0	N.D.	
61) Chlorobenzene	9.91	112	85	N.D.	
62) 1-Chlorohexane	0.00	91	0	N.D. d	
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64) Ethylbenzene	9.99	91	233	N.D.	
65) m,p-Xylene	10.10	106	205	N.D.	
66) o-xylene	10.50	106	117	N.D.	
67) Styrene	0.00	104	0	N.D.	

LL 4/20/07

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

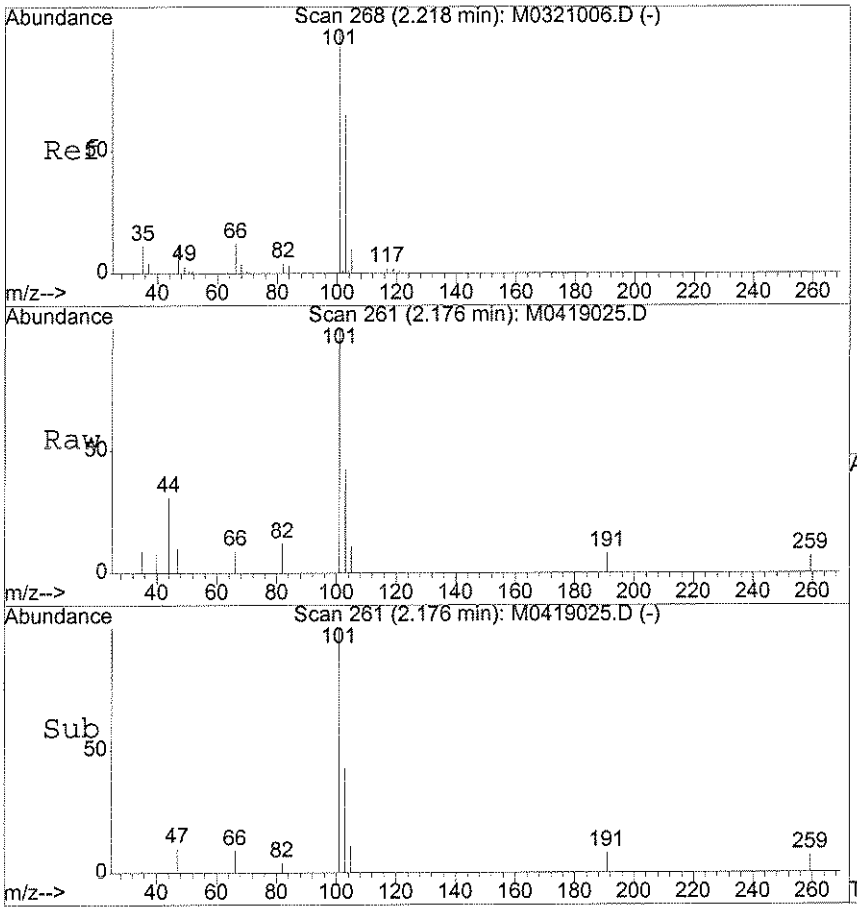
Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419025.D Vial: 68
Acq On : 19 Apr 2007 22:00 Operator: LH
Sample : JPL33-010 Inst : MOBY
Misc : 5ml +IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:21 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.75	173	163	N.D.		
69)	Isopropylbenzene	10.86	105	85	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	11.05	156	97	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.04	83	333	N.D.		
75)	1,2,3-Trichloropropane	11.21	110	61	N.D.		
76)	n-Propylbenzene	0.00	120	0	N.D.		
77)	2-Chlorotoluene	11.26	91	249	N.D.		
78)	4-Chlorotoluene	11.48	91	59	N.D.		
79)	1,3,5-Trimethylbenzene	11.44	105	73	N.D.		
80)	tert-Butylbenzene	11.90	119	67	N.D.		
81)	1,2,4-Trimethylbenzene	11.98	105	67	N.D.		
82)	sec-butylbenzene	11.98	105	67	N.D.		
83)	1,3-Dichlorobenzene	12.12	146	55	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.21	146	92	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d	
90)	Hexachlorobutadiene	14.32	225	65	N.D.		
91)	Naphthalene	0.00	128	0	N.D.	d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

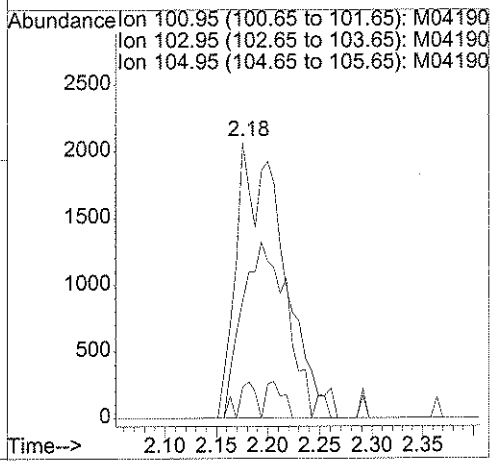
(#) = qualifier out of range (m) = manual integration

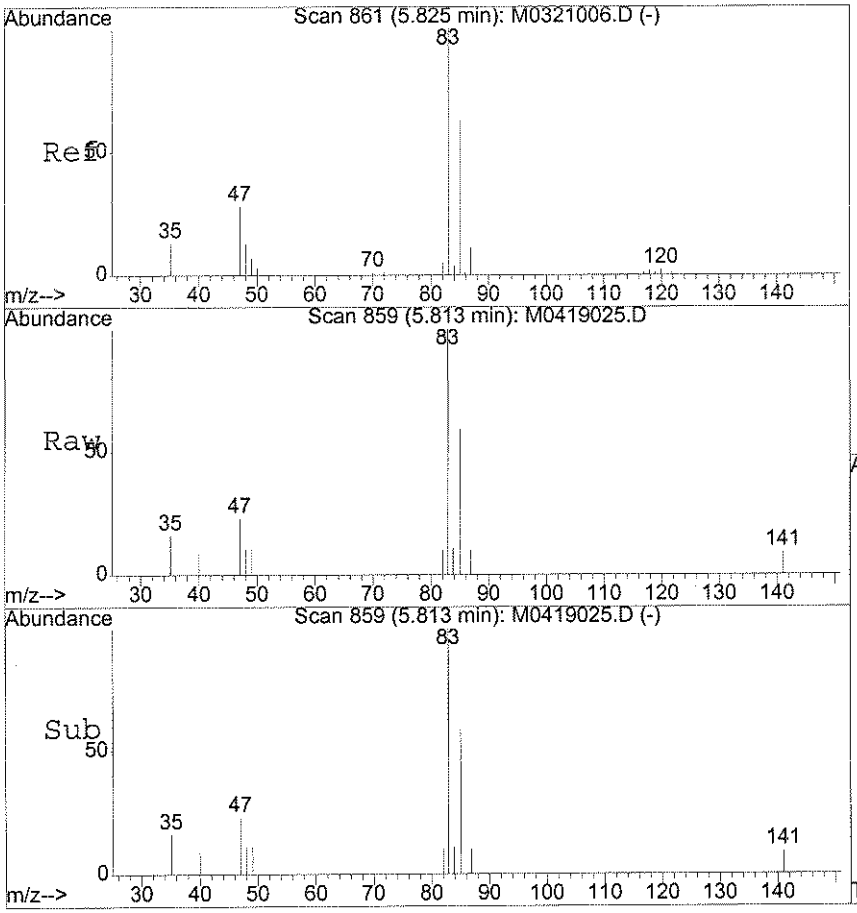


#7
Trichlorofluoromethane
Concen: 0.67 ug/l m
RT: 2.18 min Scan# 261
Delta R.T. 0.00 min
Lab File: M0419025.D
Acq: 19 Apr 2007 22:00

Tgt Ion:101 Resp: 6610

Ion	Ratio	Lower	Upper
101	100		
103	0.0	46.3	69.5#
105	4.8	9.0	13.4#

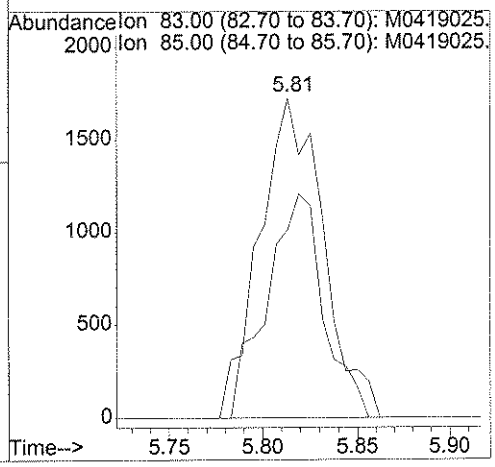


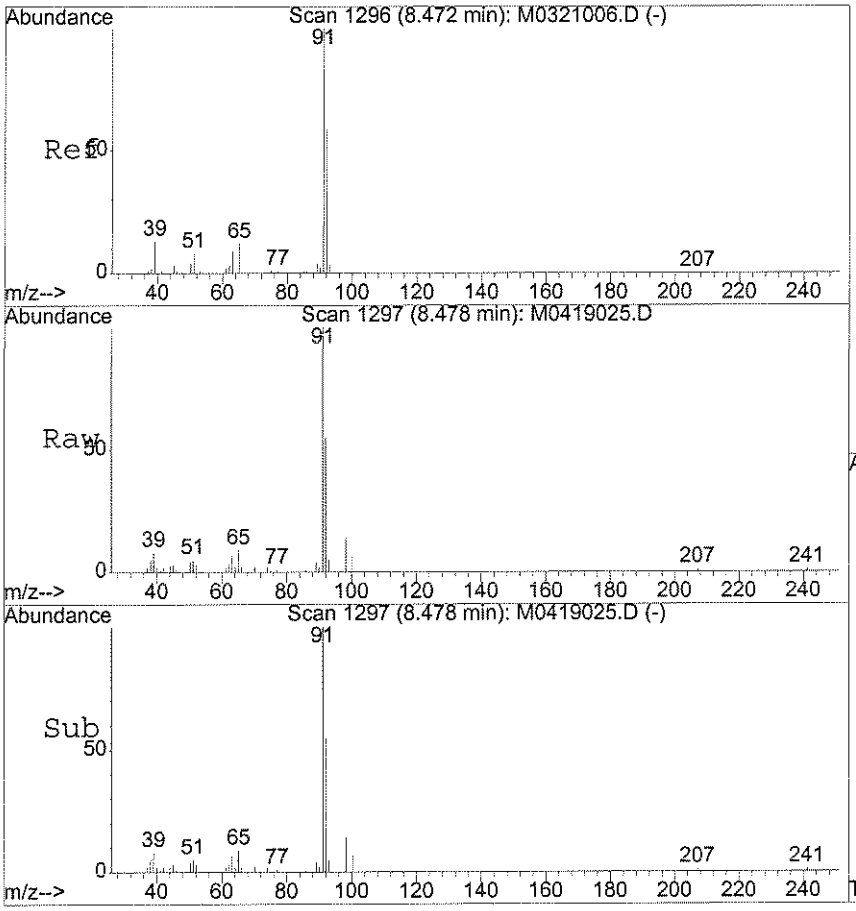


#31
Chloroform
Concen: 0.26 ug/l
RT: 5.81 min Scan# 859
Delta R.T. 0.00 min
Lab File: M0419025.D
Acq: 19 Apr 2007 22:00

Tgt Ion: 83 Resp: 4032

Ion	Ratio	Lower	Upper
83	100		
85	62.6	41.2	81.2

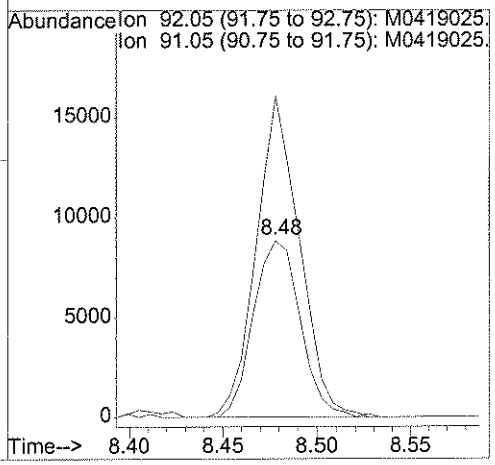




#52
Toluene
Concen: 0.71 ug/l
RT: 8.48 min Scan# 1297
Delta R.T. 0.00 min
Lab File: M0419025.D
Acq: 19 Apr 2007 22:00

Tgt Ion: 92 Resp: 15391

Ion	Ratio	Lower	Upper
92	100		
91	167.1	133.7	200.5

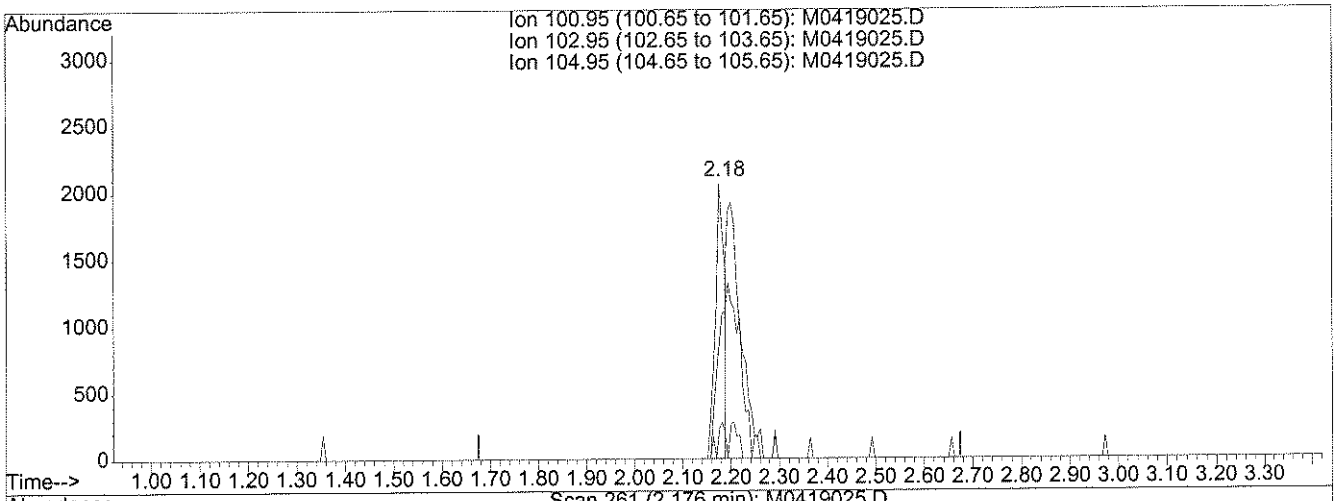


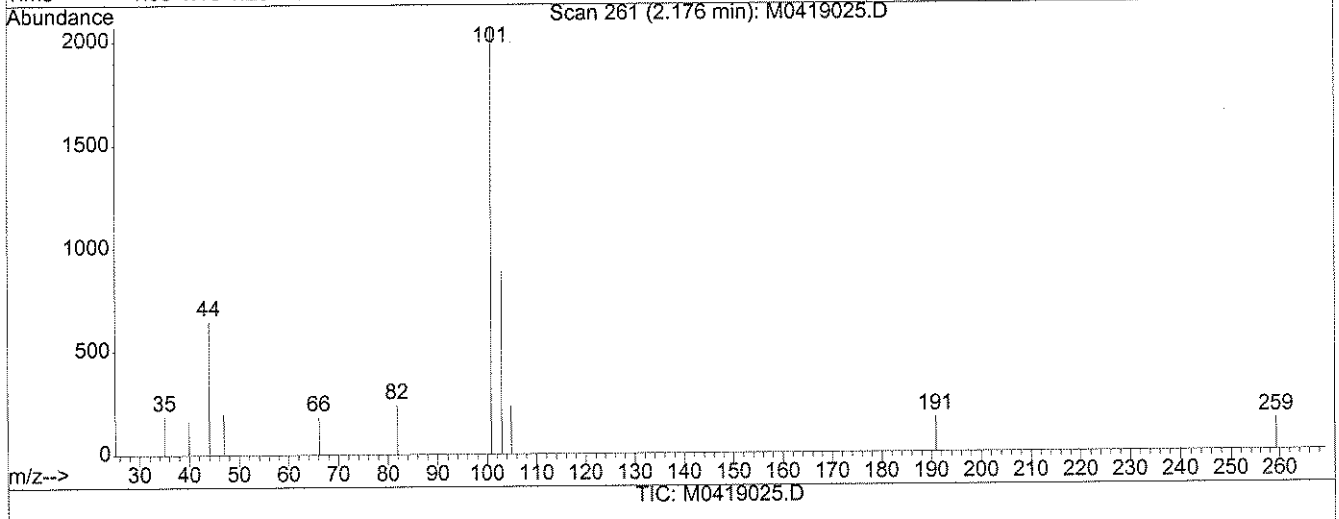
Quantitation Report (Qedit)

Data File : X:\MSVOA\MOBY\041907\M0419025.D
Acq On : 19 Apr 2007 22:00
Sample : JPL33-010
Misc : 5ml +IS/SS #4
MS Integration Params: rteint.p
Quant Time: Apr 20 10:05 2007

Vial: 68
Operator: LH
Inst : MOBY
Multiplr: 1.00
Quant Results File: temp.res

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Multiple Level Calibration





TIC: M0419025.D

(7) Trichlorofluoromethane (T)

2.18min 0.27ug/l

response 2705

Ion	Exp%	Act%
100.95	100	100
102.95	57.90	0.00#
104.95	11.20	11.76
0.00	0.00	0.00

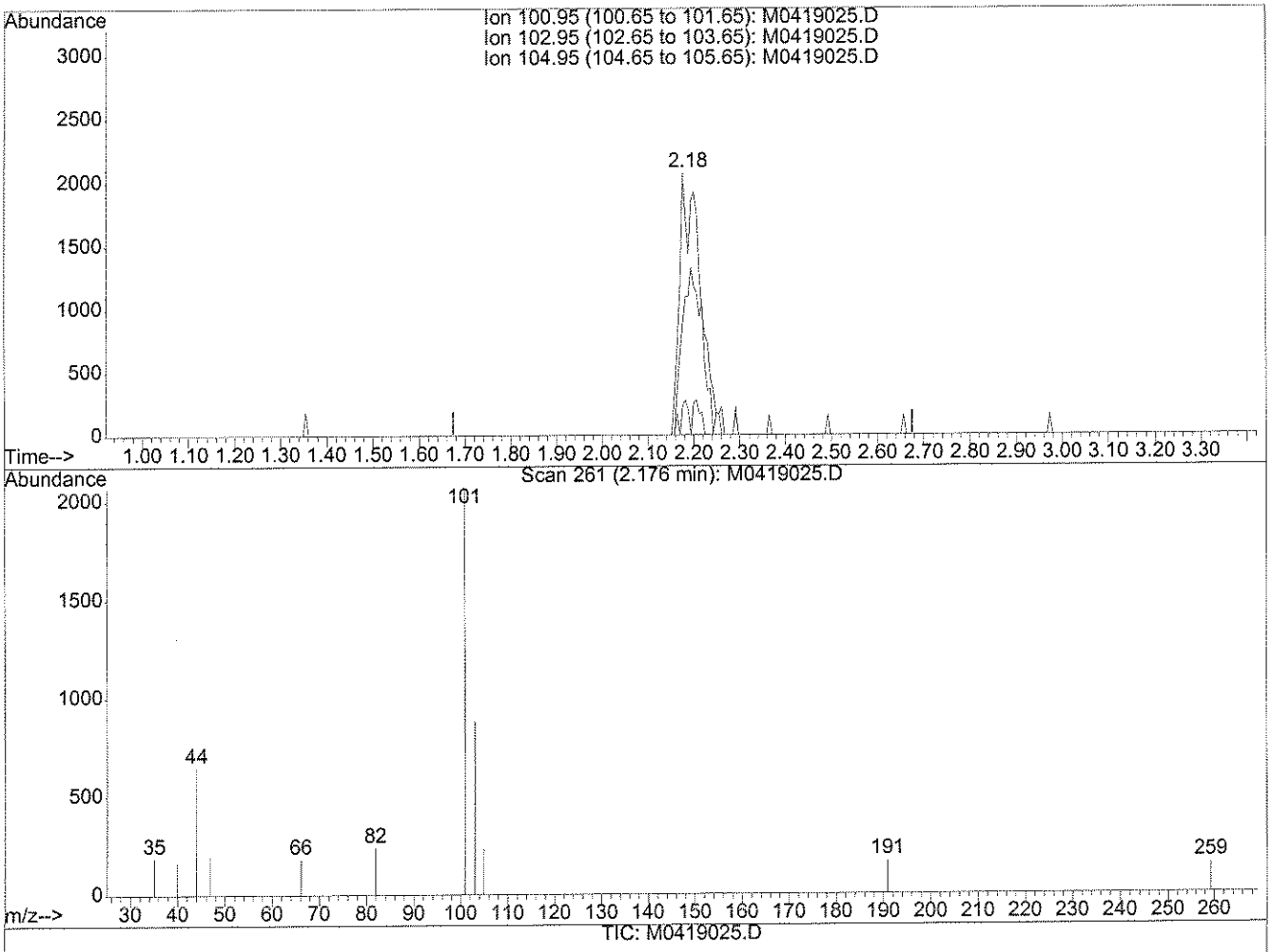
Quantitation Report (Qedit)

Data File : X:\MSVOA\MOBY\041907\M0419025.D
Acq On : 19 Apr 2007 22:00
Sample : JPL33-010
Misc : 5ml +IS/SS #4
MS Integration Params: rteint.p
Quant Time: Apr 20 10:20 2007

Vial: 68
Operator: LH
Inst : MOBY
Multiplr: 1.00

Quant Results File: temp.res

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Multiple Level Calibration



(7) Trichlorofluoromethane (T)

2.18min 0.67ug/l m

response 6610

Ion	Exp%	Act%
100.95	100	100
102.95	57.90	0.00#
104.95	11.20	4.81#
0.00	0.00	0.00

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-13-4/12/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419015.D

Level: (LOW/MED) Date Collected: 04/12/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 18:00

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-13-4/12/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419015.D

Level: (LOW/MED) _____ Date Collected: 04/12/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/19/2007 18:00

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-13-4/12/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419015.D

Level: (LOW/MED) Date Collected: 04/12/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 18:00

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

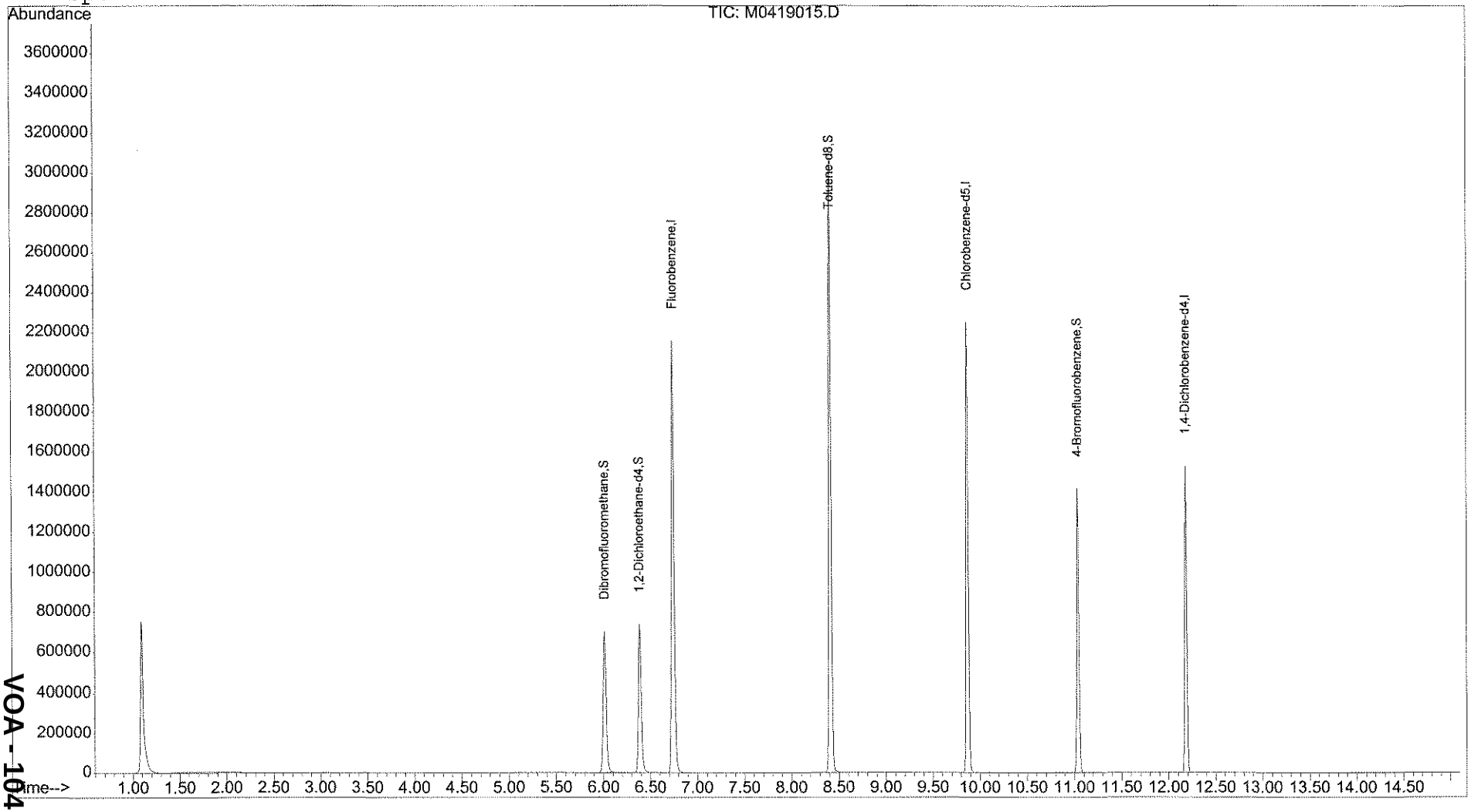
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419015.D Vial: 58
Acq On : 19 Apr 2007 18:00 Operator: LH
Sample : JPL33-011 TB Inst : MOBY
Misc : 5ml +IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:04 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration



VOA-104

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419015.D Vial: 58
Acq On : 19 Apr 2007 18:00 Operator: LH
Sample : JPL33-011 TB Inst : MOBY
Misc : 5ml +IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:04 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	2035144	50.00	ug/l	0.00 104.26%
50) Chlorobenzene-d5	9.87	82	687936	50.00	ug/l	0.00 97.82%
70) 1,4-Dichlorobenzene-d4	12.18	152	370073	50.00	ug/l	0.00 95.08%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	480888	50.09	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.18%			
37) 1,2-Dichloroethane-d4	6.39	65	550839	50.12	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.24%			
51) Toluene-d8	8.41	98	2004851	52.77	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 105.54%			
72) 4-Bromofluorobenzene	11.04	95	419650	54.97	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 109.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.43	50	57	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	1.94	64	64	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.98	43	186	N.D.		
12) Iodomethane	2.98	142	57	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.04	76	301	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	3.34	40	72	N.D.		
17) Methyl Acetate	3.41	43	81	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419015.D Vial: 58
Acq On : 19 Apr 2007 18:00 Operator: LH
Sample : JPL33-011 TB Inst : MOBY
Misc : 5ml +IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:04 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
23)	Vinyl acetate	4.62	43	78	N.D.		
24)	Chloroprene	0.00	53	0	N.D.		
25)	2,2-Dichloropropane	0.00	77	0	N.D.		
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.		
27)	2-Butanone	5.51	43	56	N.D.		
28)	Propionitrile	0.00	54	0	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	0.00	83	0	N.D.		
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	5.86	56	68	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	1,1-Dichloropropene	0.00	75	0	N.D.		
38)	Benzene	6.40	78	1131	N.D.		
39)	1,2-Dichloroethane	0.00	62	0	N.D.		
40)	Isobutanol	0.00	43	0	N.D.		d
41)	Trichloroethene	7.15	130	72	N.D.		
42)	Methylcyclohexane	7.30	83	55	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	7.71	93	63	N.D.		
45)	Methyl methacrylate	0.00	41	0	N.D.		
46)	Bromodichloromethane	7.73	83	56	N.D.		
47)	2-Chloroethyl vinyl ether	8.01	63	61	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52)	Toluene	8.40	92	230	N.D.		
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	1,1,2-Trichloroethane	8.82	97	76	N.D.		
56)	Tetrachloroethene	9.02	166	78	N.D.		
57)	1,3-Dichloropropane	0.00	76	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		d
59)	Dibromochloromethane	0.00	129	0	N.D.		
60)	1,2-Dibromoethane	0.00	107	0	N.D.		
61)	Chlorobenzene	9.90	112	503	N.D.		
62)	1-Chlorohexane	0.00	91	0	N.D.		d
63)	1,1,1,2-Tetrachloroethane	9.87	131	57	N.D.		
64)	Ethylbenzene	9.99	91	457	N.D.		
65)	m,p-Xylene	10.11	106	369	N.D.		
66)	o-xylene	10.52	106	155	N.D.		
67)	Styrene	0.00	104	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419015.D Vial: 58
Acq On : 19 Apr 2007 18:00 Operator: LH
Sample : JPL33-011 TB Inst : MOBY
Misc : 5ml +IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:04 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.75	173	264	N.D.		
69)	Isopropylbenzene	10.86	105	82	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	11.07	156	61	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.04	83	310	N.D.		
75)	1,2,3-Trichloropropane	11.40	110	68	N.D.		
76)	n-Propylbenzene	11.03	120	57	N.D.		
77)	2-Chlorotoluene	11.37	91	246	N.D.		
78)	4-Chlorotoluene	11.49	91	248	N.D.		
79)	1,3,5-Trimethylbenzene	11.45	105	226	N.D.		
80)	tert-Butylbenzene	11.76	119	218	N.D.		
81)	1,2,4-Trimethylbenzene	11.81	105	58	N.D.		
82)	sec-butylbenzene	11.98	105	448	N.D.		
83)	1,3-Dichlorobenzene	12.12	146	79	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.22	146	64	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d	
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.	d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419026.D

Level: (LOW/MED) _____ Date Collected: 04/13/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/19/2007 22:24

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.37	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.8	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419026.D

Level: (LOW/MED) Date Collected: 04/13/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 22:24

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419026.D

Level: (LOW/MED) Date Collected: 04/13/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 22:24

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

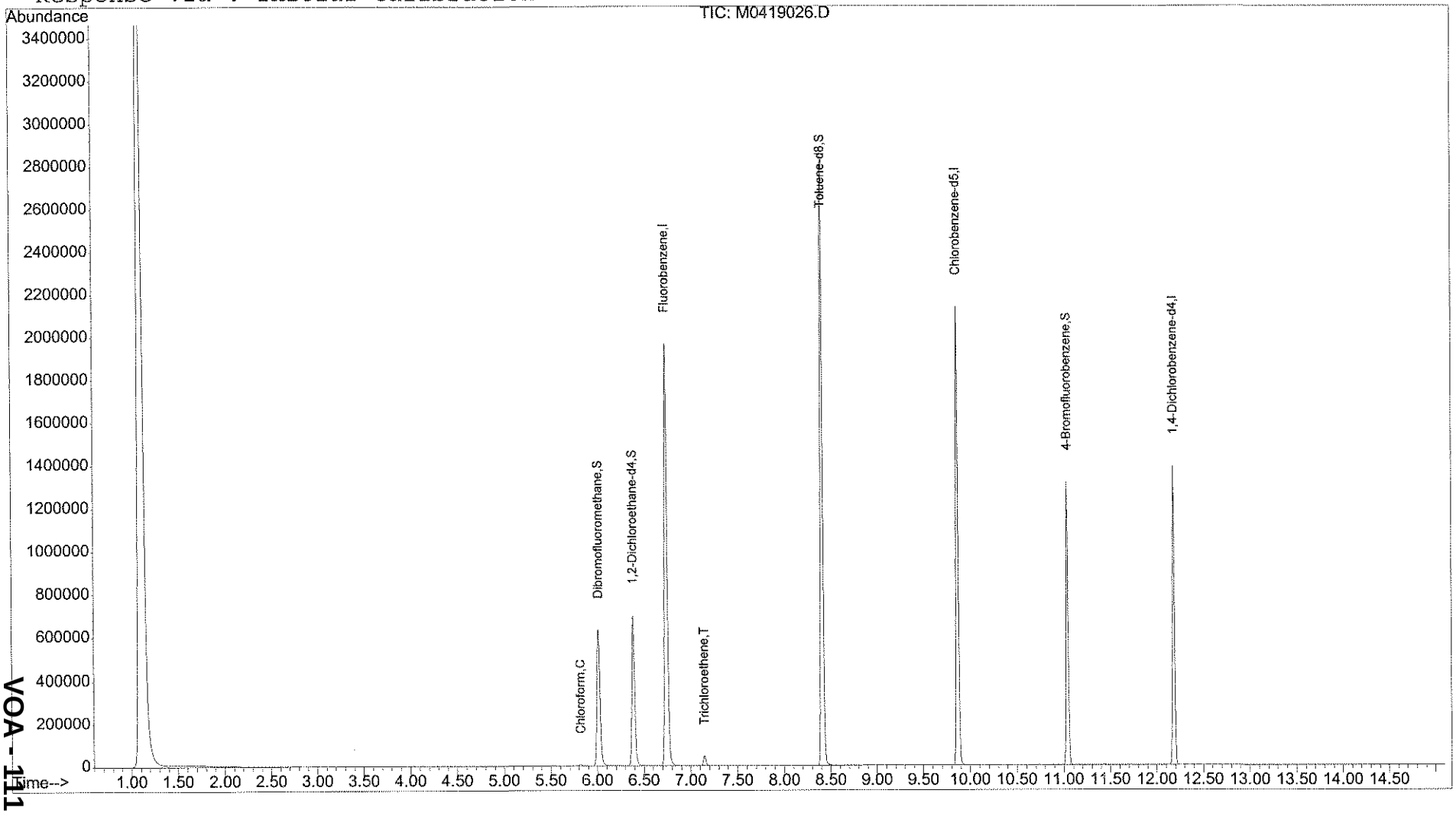
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419026.D Vial: 69
Acq On : 19 Apr 2007 22:24 Operator: LH
Sample : JPL33-012 Inst : MOBY
Misc : 5ml +IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:22 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration



VOA - 11

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419026.D Vial: 69
Acq On : 19 Apr 2007 22:24 Operator: LH
Sample : JPL33-012 Inst : MOBY
Misc : 5ml +IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:22 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.75	96	1895786	50.00	ug/l	0.00 97.12%
50) Chlorobenzene-d5	9.87	82	643468	50.00	ug/l	0.00 91.49%
70) 1,4-Dichlorobenzene-d4	12.18	152	343217	50.00	ug/l	0.00 88.18%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	448460	50.14	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 100.28%			
37) 1,2-Dichloroethane-d4	6.39	65	514622	50.26	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.52%			
51) Toluene-d8	8.41	98	1865783	52.50	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 105.00%			
72) 4-Bromofluorobenzene	11.04	95	387174	54.69	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 109.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.83	96	58	N.D.		
6) Chloroethane	1.91	64	56	N.D.		
7) Trichlorofluoromethane	2.19	101	168	N.D.		
8) Acrolein	2.79	56	55	N.D.		
9) 1,1-Dichloroethene	2.86	96	57	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	2.90	43	73	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.03	76	67	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	3.33	43	72	N.D.		
18) Methylene Chloride	3.47	84	69	~~Below Cal #~~		54
19) trans-1,2-Dichloroethene	3.92	96	66	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	3.92	73	57	N.D.		
22) 1,1-Dichloroethane	4.51	63	61	N.D.		

LW 4/20/07

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419026.D Vial: 69
Acq On : 19 Apr 2007 22:24 Operator: LH
Sample : JPL33-012 Inst : MOBY
Misc : 5ml +IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:22 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	Vinyl acetate	0.00	43	0	N.D.	
24)	Chloroprene	0.00	53	0	N.D.	
25)	2,2-Dichloropropane	5.41	77	55	N.D.	
26)	cis-1,2-Dichloroethene	5.50	96	64	N.D.	
27)	2-Butanone	5.52	43	170	N.D.	
28)	Propionitrile	0.00	54	0	N.D.	
29)	Bromochloromethane	0.00	128	0	N.D.	
30)	Methacrylonitrile	5.86	41	56	N.D.	
31)	Chloroform	5.81	83	5578	0.37 ug/l	95
32)	1,1,1-Trichloroethane	5.97	97	61	N.D.	
34)	Cyclohexane	0.00	56	0	N.D.	
35)	Carbon Tetrachloride	6.14	117	1188	N.D.	
36)	1,1-Dichloropropene	6.19	75	66	N.D.	
38)	Benzene	6.40	78	715	N.D.	
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D.	
41)	Trichloroethene	7.15	130	15028	1.76 ug/l	92
42)	Methylcyclohexane	7.16	83	188	N.D.	
43)	1,2-Dichloropropane	7.49	63	62	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	Bromodichloromethane	7.72	83	178	N.D.	
47)	2-Chloroethyl vinyl ether	7.99	63	57	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	8.48	92	204	N.D.	
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	8.94	97	80	N.D.	
56)	Tetrachloroethene	9.02	166	1059	N.D.	
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D. d	
59)	Dibromochloromethane	9.43	129	69	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.90	112	175	N.D.	
62)	1-Chlorohexane	0.00	91	0	N.D. d	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	9.99	91	128	N.D.	
65)	m,p-Xylene	10.11	106	67	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	10.53	104	55	N.D.	

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

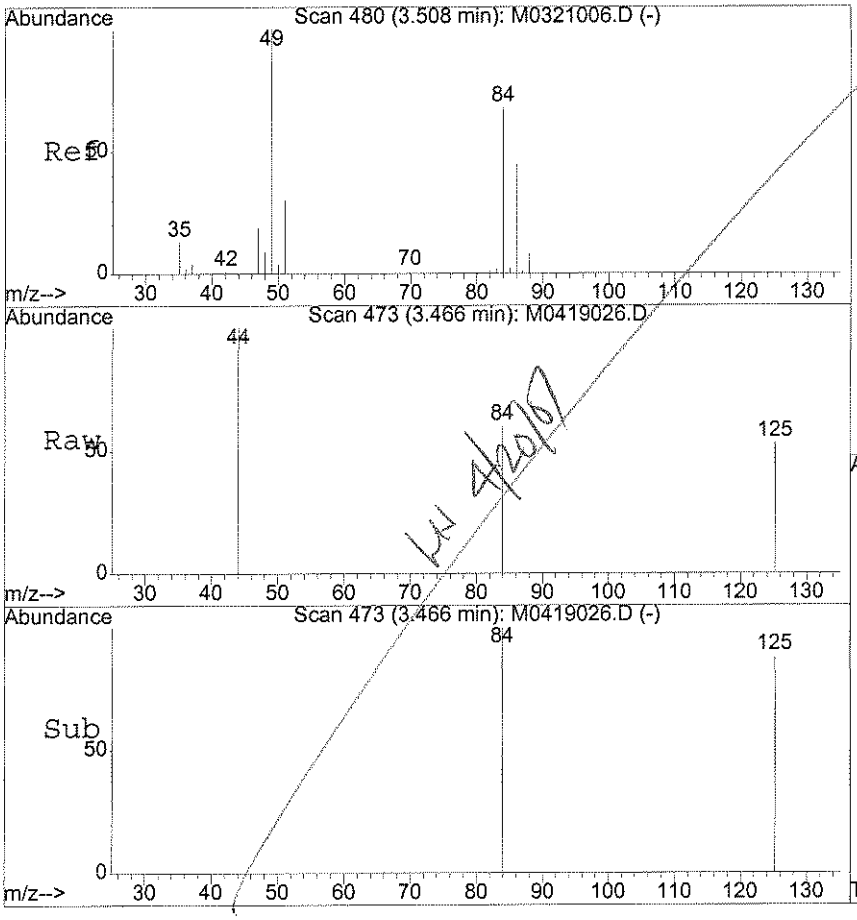
Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419026.D Vial: 69
Acq On : 19 Apr 2007 22:24 Operator: LH
Sample : JPL33-012 Inst : MOBY
Misc : 5ml +IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:22 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.74	173	164	N.D.		
69)	Isopropylbenzene	10.85	105	57	N.D.		
71)	trans-1,4-Dichloro-2-buten	11.13	53	55	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.13	83	61	N.D.		
75)	1,2,3-Trichloropropane	11.04	110	173	N.D.		
76)	n-Propylbenzene	11.03	120	59	N.D.		
77)	2-Chlorotoluene	0.00	91	0	N.D.		
78)	4-Chlorotoluene	11.69	91	100	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	11.77	119	58	N.D.		
81)	1,2,4-Trimethylbenzene	11.97	105	61	N.D.		
82)	sec-butylbenzene	11.97	105	61	N.D.		
83)	1,3-Dichlorobenzene	12.12	146	65	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.12	146	65	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

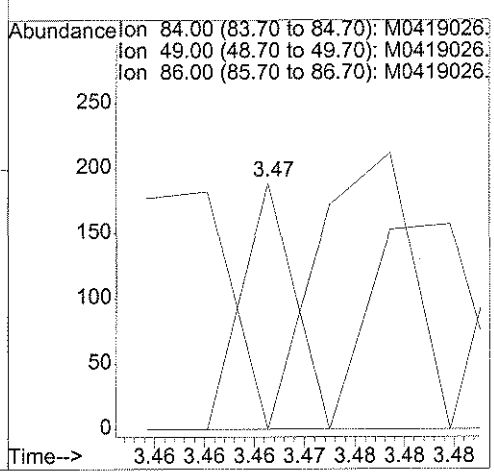
(#) = qualifier out of range (m) = manual integration

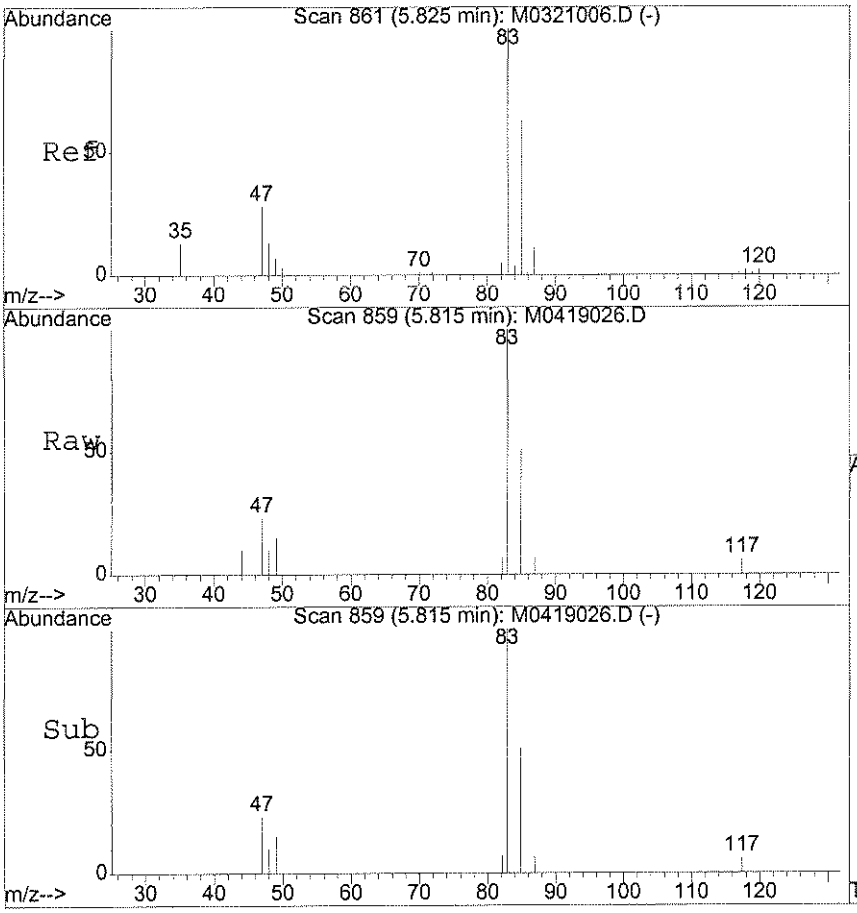


#18
Methylene Chloride
Concen: Below Cal
RT: 3.47 min Scan# 473
Delta R.T. -0.00 min
Lab File: M0419026.D
Acq: 19 Apr 2007 22:24

Tgt Ion: 84 Resp: 69

Ion	Ratio	Lower	Upper
84	100		
49	189.9	133.5	173.5#
86	0.0	49.1	89.1#

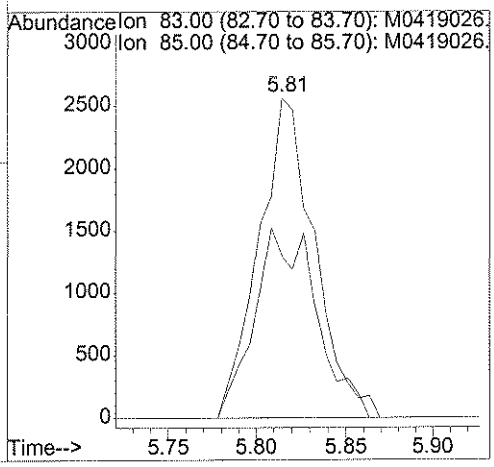


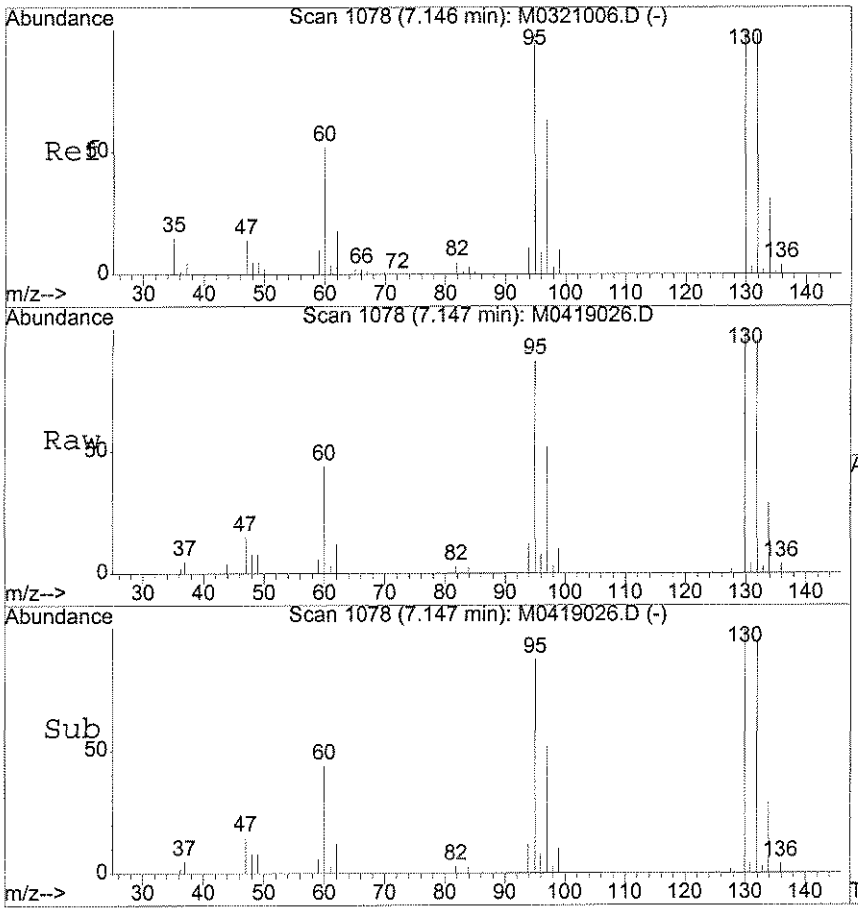


#31
Chloroform
Concen: 0.37 ug/l
RT: 5.81 min Scan# 859
Delta R.T. 0.00 min
Lab File: M0419026.D
Acq: 19 Apr 2007 22:24

Tgt Ion: 83 Resp: 5578

Ion	Ratio	Lower	Upper
83	100		
85	65.3	41.2	81.2

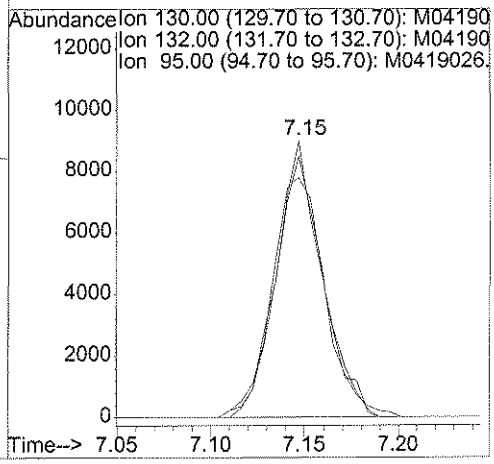




#41
Trichloroethene
Concen: 1.76 ug/l
RT: 7.15 min Scan# 1078
Delta R.T. 0.00 min
Lab File: M0419026.D
Acq: 19 Apr 2007 22:24

Tgt Ion:130 Resp: 15028

Ion	Ratio	Lower	Upper
130	100		
132	98.8	75.0	115.0
95	101.6	69.4	109.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-10

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419027.D

Level: (LOW/MED) Date Collected: 04/13/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 22:48

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.68	
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.61	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	3.1	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.76	

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-10

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419027.D

Level: (LOW/MED) Date Collected: 04/13/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 22:48

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	1.2	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-10

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419027.D

Level: (LOW/MED) Date Collected: 04/13/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 22:48

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

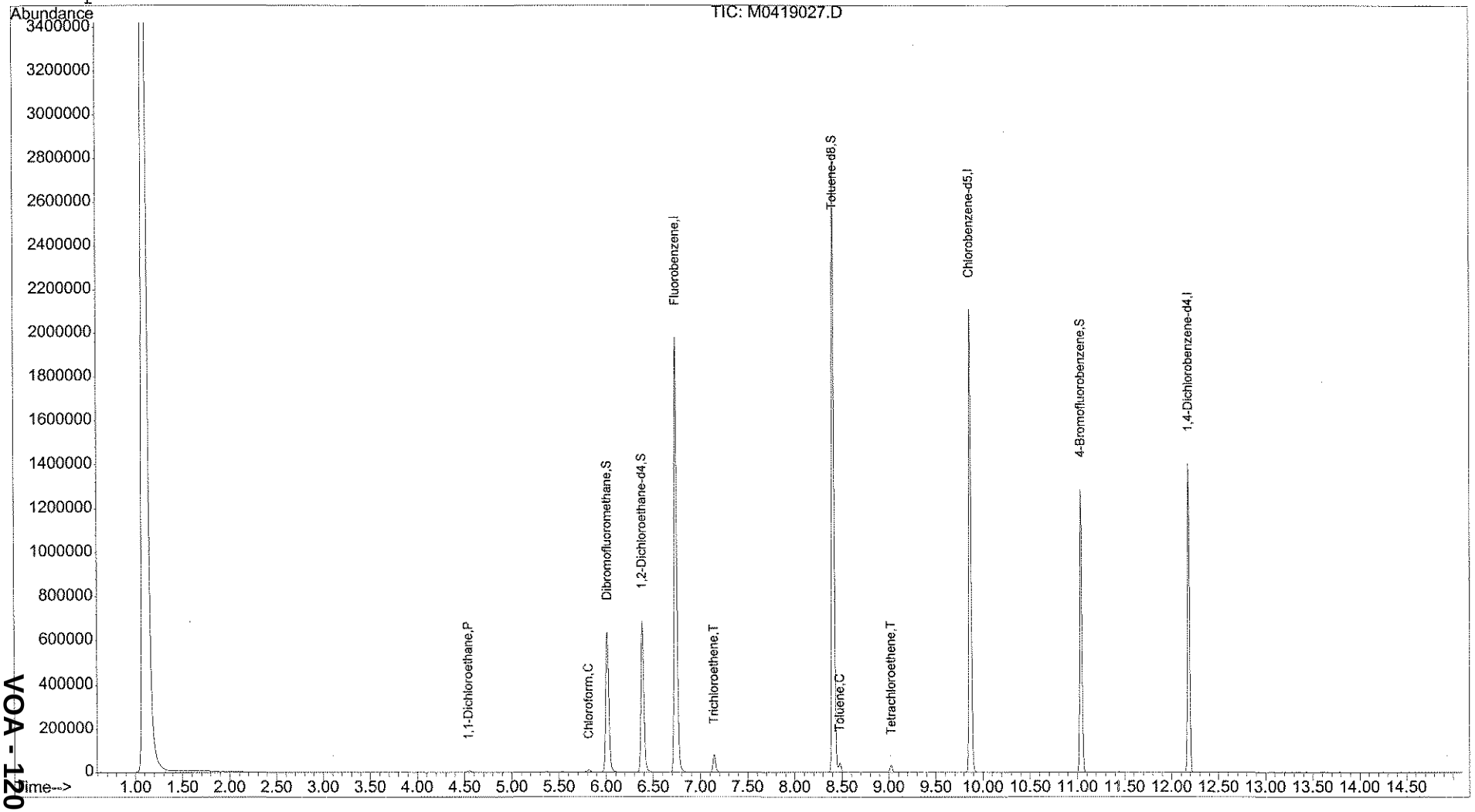
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419027.D Vial: 70
Acq On : 19 Apr 2007 22:48 Operator: LH
Sample : JPL33-013 Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:24 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration



VOA - 120

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419027.D Vial: 70
Acq On : 19 Apr 2007 22:48 Operator: LH
Sample : JPL33-013 Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:24 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1877662	50.00	ug/l	0.00 96.20%
50) Chlorobenzene-d5	9.86	82	629978	50.00	ug/l	0.00 89.57%
70) 1,4-Dichlorobenzene-d4	12.18	152	342366	50.00	ug/l	0.00 87.96%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	449032	50.69	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.38%			
37) 1,2-Dichloroethane-d4	6.39	65	511246	50.42	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.84%			
51) Toluene-d8	8.41	98	1857767	53.39	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 106.78%			
72) 4-Bromofluorobenzene	11.04	95	384269	54.41	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 108.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.87	96	66	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	2.18	101	943	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	2.77	96	95	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	d	
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.03	76	207	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	3.34	43	62	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	3.87	96	415	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	4.54	63	9830	0.68	ug/l	91

(#) = qualifier out of range (m) = manual integration
M0419027.D 8260B.M Fri Apr 20 10:24:47 2007

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419027.D Vial: 70
Acq On : 19 Apr 2007 22:48 Operator: LH
Sample : JPL33-013 Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:24 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	Vinyl acetate	0.00	43	0	N.D.	
24)	Chloroprene	0.00	53	0	N.D.	
25)	2,2-Dichloropropane	0.00	77	0	N.D.	
26)	cis-1,2-Dichloroethene	5.38	96	581	N.D.	
27)	2-Butanone	5.50	43	62	N.D.	
28)	Propionitrile	0.00	54	0	N.D.	
29)	Bromochloromethane	0.00	128	0	N.D.	
30)	Methacrylonitrile	0.00	41	0	N.D.	
31)	Chloroform	5.82	83	9126	0.61 ug/l	94
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	6.00	56	57	N.D.	
35)	Carbon Tetrachloride	6.15	117	179	N.D.	
36)	1,1-Dichloropropene	0.00	75	0	N.D.	
38)	Benzene	6.40	78	715	N.D.	
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D. d	
41)	Trichloroethene	7.15	130	26383	3.12 ug/l	90
42)	Methylcyclohexane	7.33	83	70	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	7.49	41	63	N.D.	
46)	Bromodichloromethane	7.74	83	654	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52)	Toluene	8.48	92	16061	0.76 ug/l	98
53)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	9.03	166	9015	1.19 ug/l	95
57)	1,3-Dichloropropane	0.00	76	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D. d	
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.91	112	284	N.D.	
62)	1-Chlorohexane	0.00	91	0	N.D. d	
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	9.99	91	339	N.D.	
65)	m,p-Xylene	10.11	106	363	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	0.00	104	0	N.D.	

LH 4/20/07

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

Quantitation Report

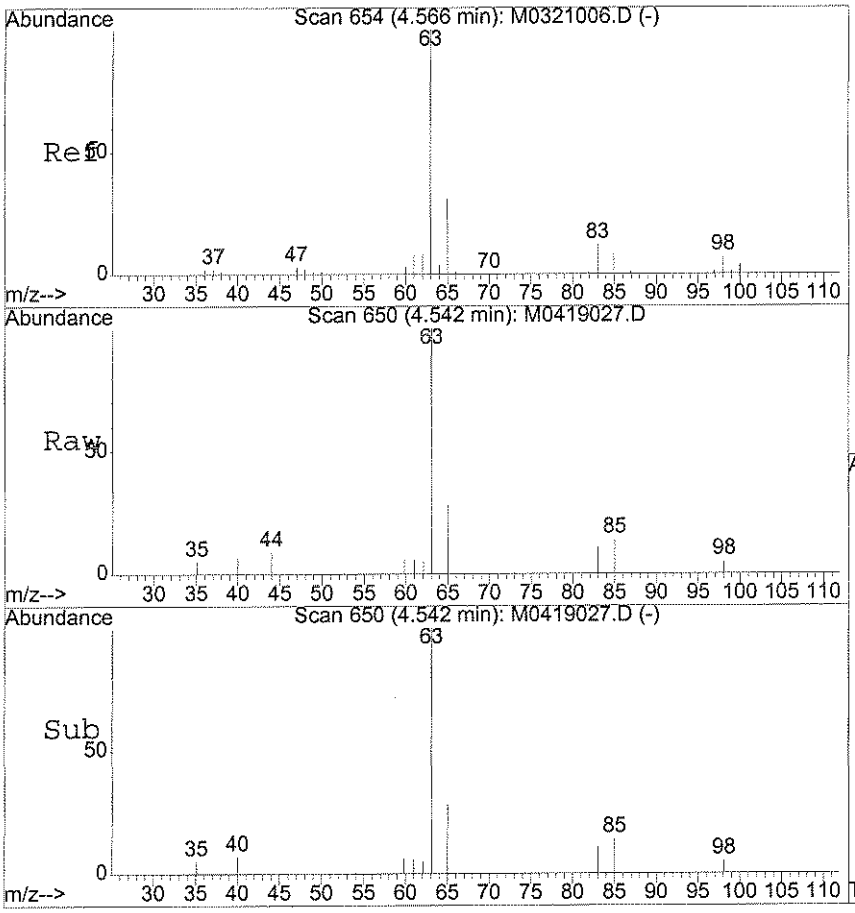
Data File : X:\MSVOA\MOBY\041907\M0419027.D
Acq On : 19 Apr 2007 22:48
Sample : JPL33-013
Misc : 5ml +IS/SS #1
MS Integration Params: rteint.p
Quant Time: Apr 20 10:24 2007

Vial: 70
Operator: LH
Inst : MOBY
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.74	173	156	N.D.		
69)	Isopropylbenzene	11.04	105	691	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	11.03	156	57	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.05	83	181	N.D.		
75)	1,2,3-Trichloropropane	11.04	110	117	N.D.		
76)	n-Propylbenzene	11.28	120	72	N.D.		
77)	2-Chlorotoluene	11.43	91	57	N.D.		
78)	4-Chlorotoluene	11.48	91	66	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.99	105	71	N.D.		
82)	sec-butylbenzene	11.99	105	71	N.D.		
83)	1,3-Dichlorobenzene	12.19	146	56	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.19	146	56	N.D.		
86)	1,2-Dichlorobenzene	12.58	146	141	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	0.00	225	0	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	d	

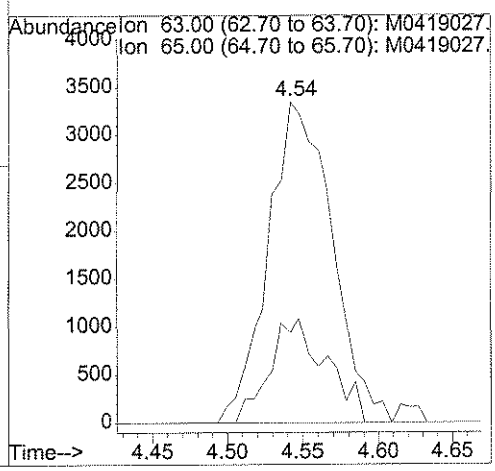
(#) = qualifier out of range (m) = manual integration

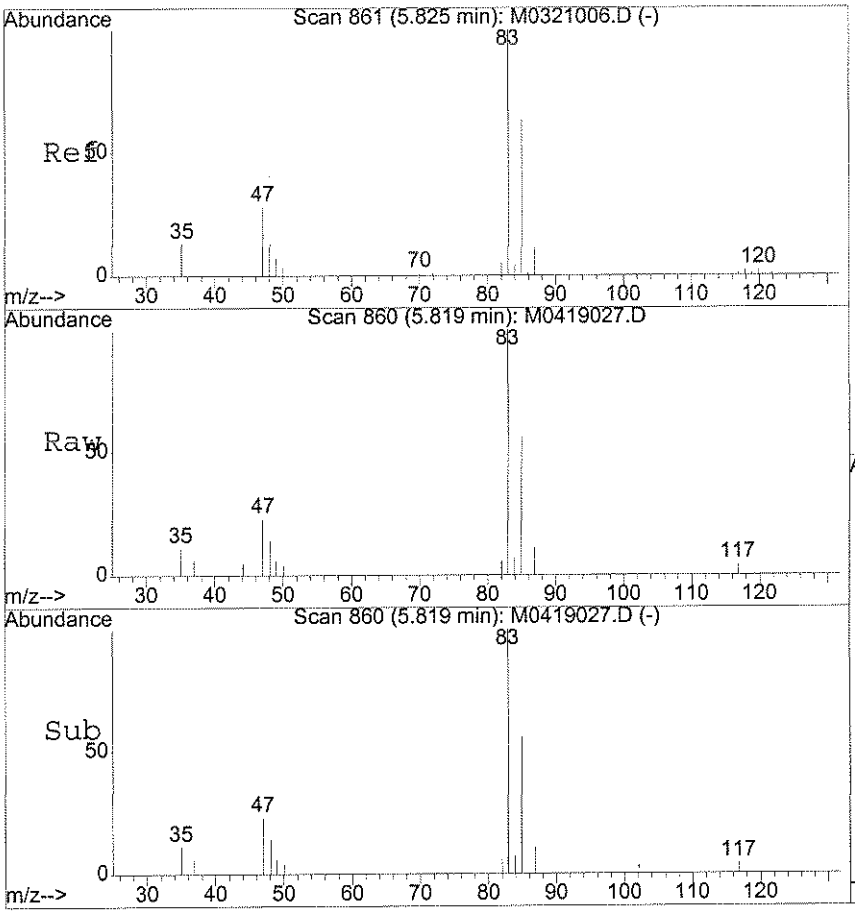


#22
1,1-Dichloroethane
Concen: 0.68 ug/l
RT: 4.54 min Scan# 650
Delta R.T. 0.00 min
Lab File: M0419027.D
Acq: 19 Apr 2007 22:48

Tgt Ion: 63 Resp: 9830

Ion	Ratio	Lower	Upper
63	100		
65	28.7	13.7	53.7

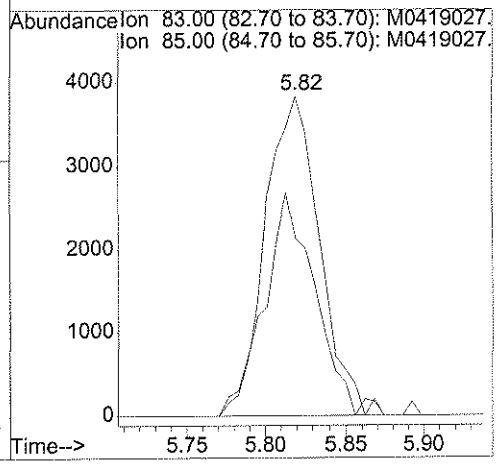


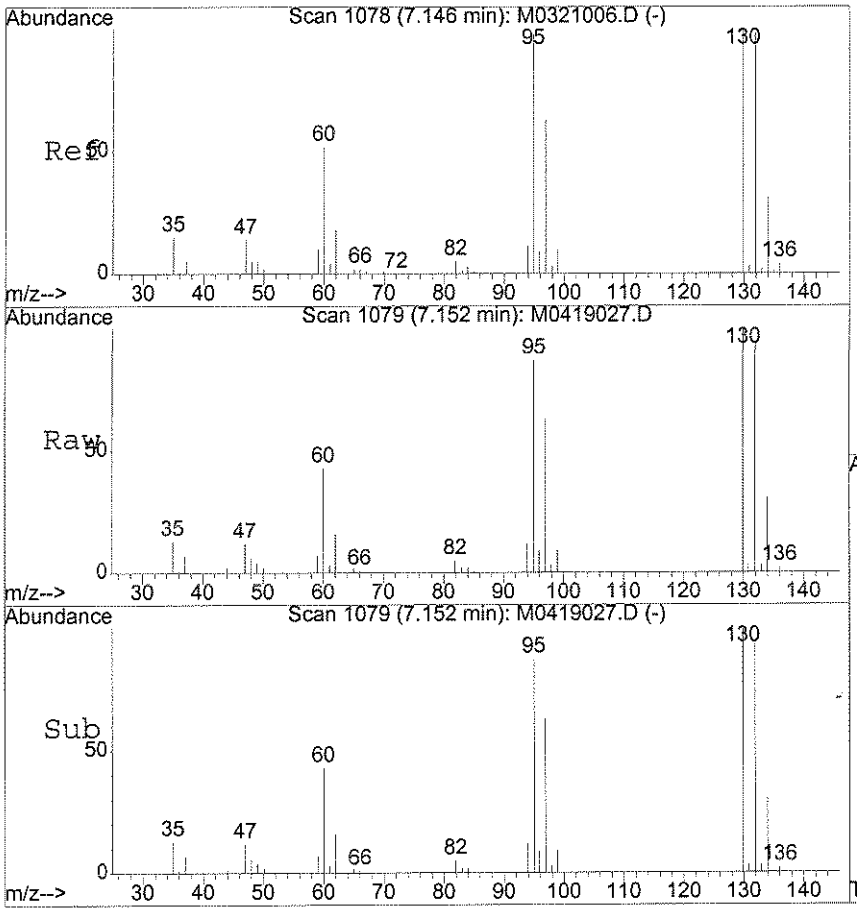


#31
Chloroform
Concen: 0.61 ug/l
RT: 5.82 min Scan# 860
Delta R.T. 0.01 min
Lab File: M0419027.D
Acq: 19 Apr 2007 22:48

Tgt Ion: 83 Resp: 9126

Ion	Ratio	Lower	Upper
83	100		
85	66.0	41.2	81.2

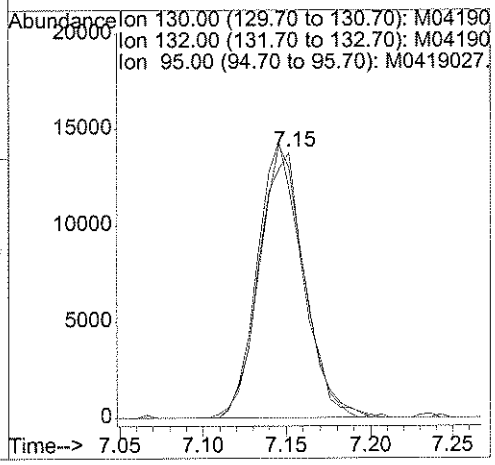


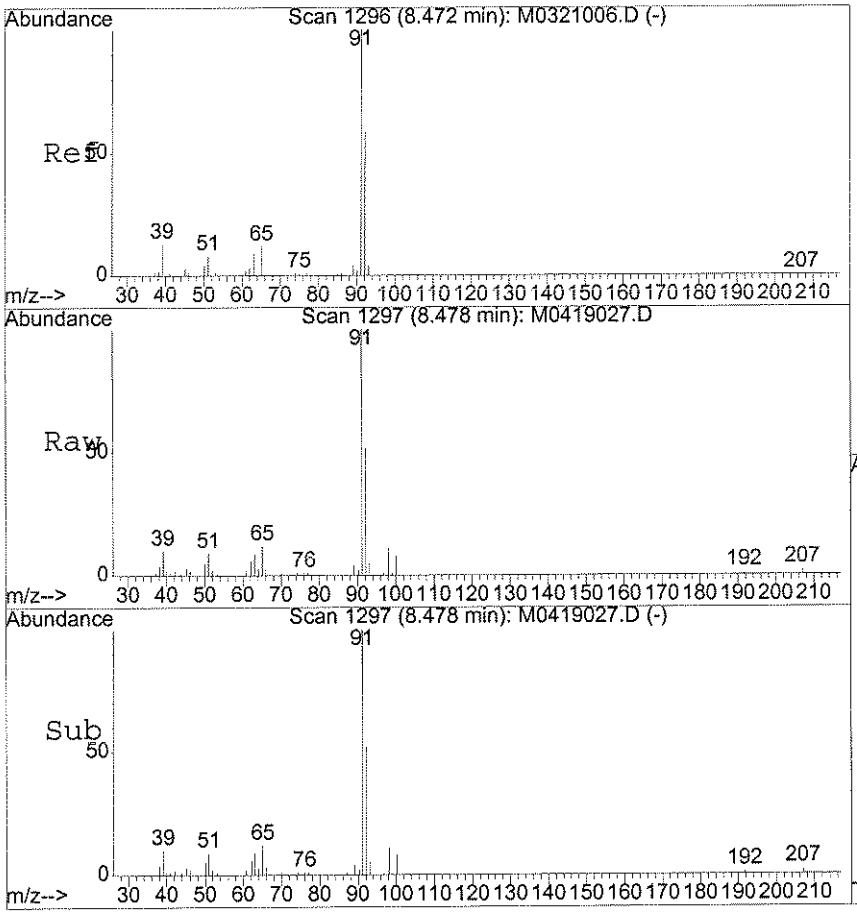


#41
Trichloroethene
Concen: 3.12 ug/l
RT: 7.15 min Scan# 1079
Delta R.T. 0.01 min
Lab File: M0419027.D
Acq: 19 Apr 2007 22:48

Tgt Ion:130 Resp: 26383

Ion	Ratio	Lower	Upper
130	100		
132	100.7	75.0	115.0
95	102.1	69.4	109.4

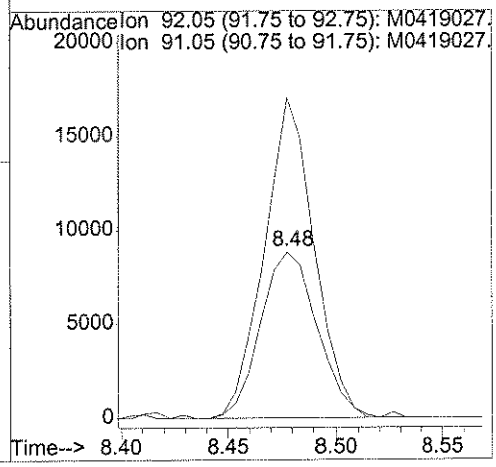


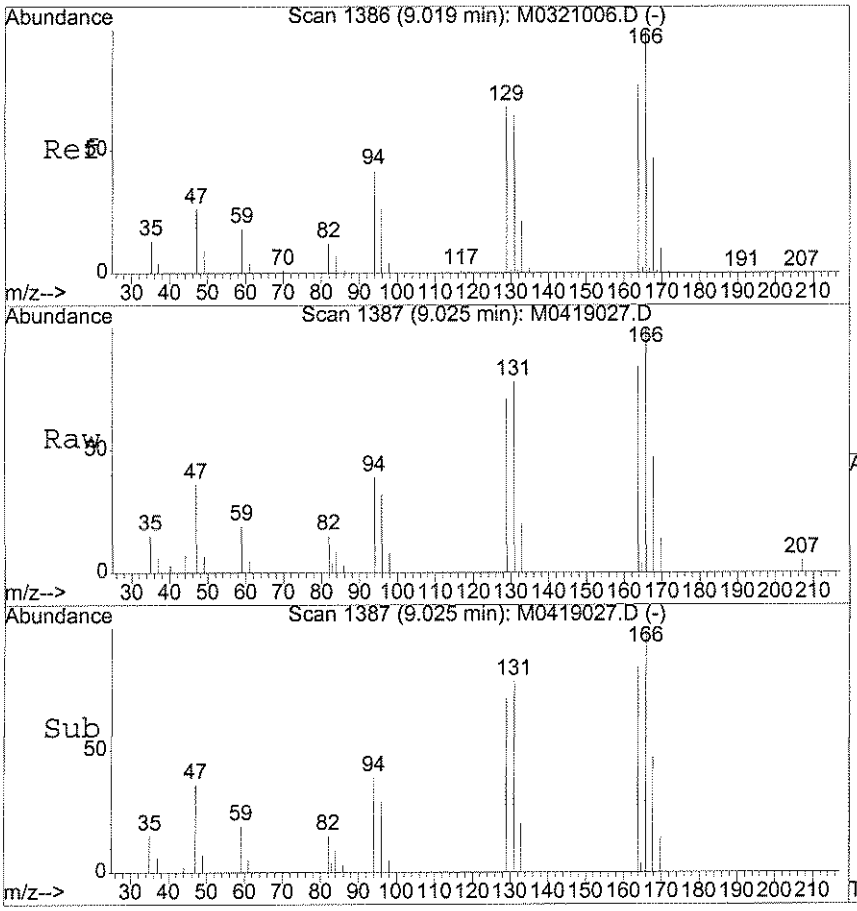


#52
Toluene
Concen: 0.76 ug/l
RT: 8.48 min Scan# 1297
Delta R.T. 0.00 min
Lab File: M0419027.D
Acq: 19 Apr 2007 22:48

Tgt Ion: 92 Resp: 16061

Ion	Ratio	Lower	Upper
92	100		
91	170.2	133.7	200.5

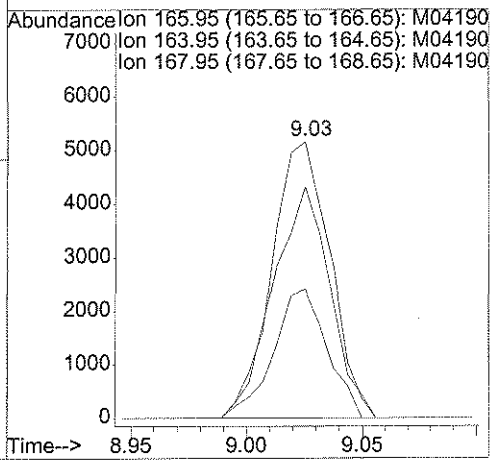




#56
Tetrachloroethene
Concen: 1.19 ug/l
RT: 9.03 min Scan# 1387
Delta R.T. 0.00 min
Lab File: M0419027.D
Acq: 19 Apr 2007 22:48

Tgt Ion:166 Resp: 9015

Ion	Ratio	Lower	Upper
166	100		
164	81.9	63.3	94.9
168	43.2	39.6	59.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-14-4/13/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419016.D

Level: (LOW/MED) Date Collected: 04/13/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 18:24

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-14-4/13/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419016.D

Level: (LOW/MED) Date Collected: 04/13/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 18:24

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-14-4/13/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL33 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL33-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419016.D

Level: (LOW/MED) Date Collected: 04/13/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 18:24

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

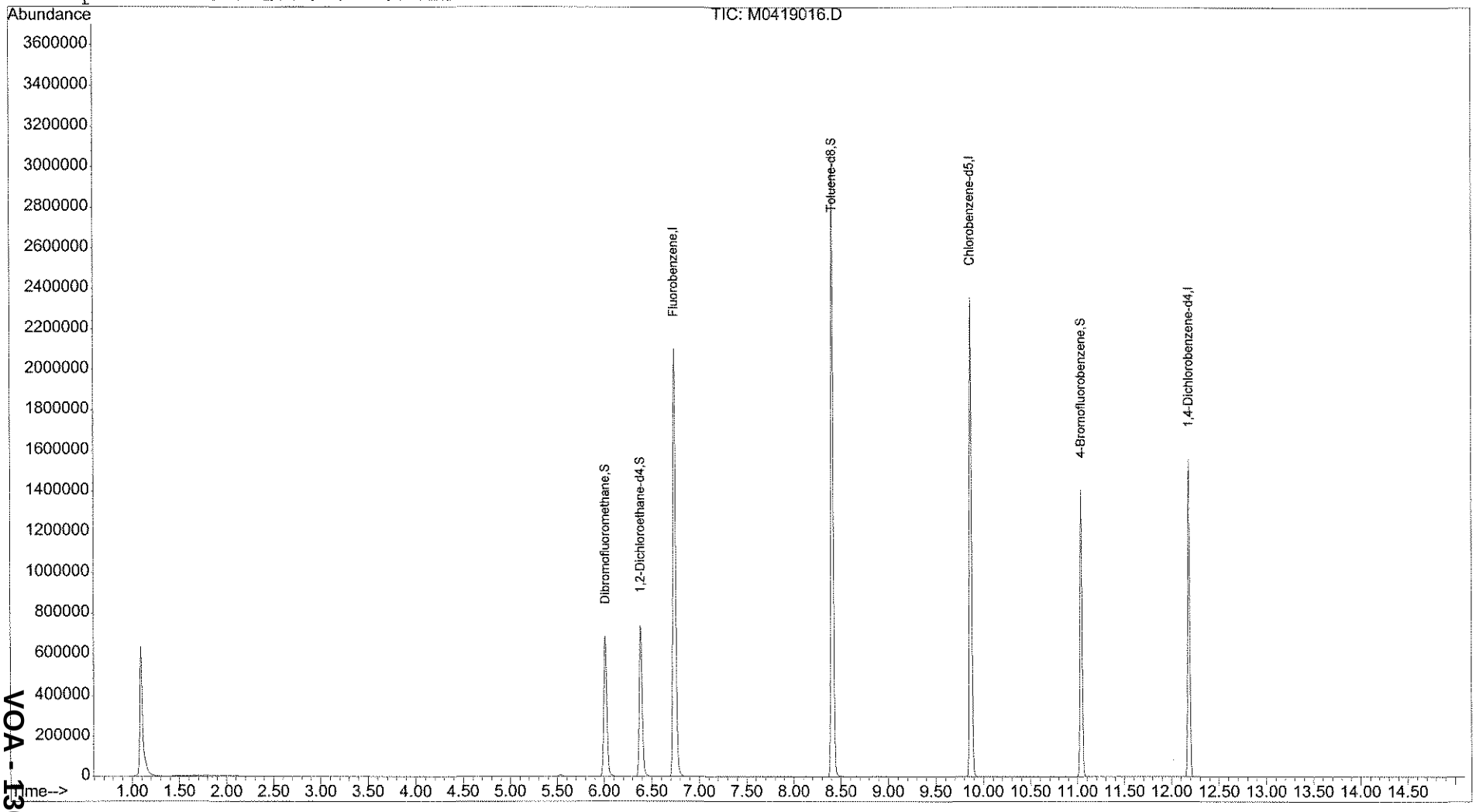
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419016.D Vial: 59
Acq On : 19 Apr 2007 18:24 Operator: LH
Sample : JPL33-014 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:06 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration



VOA - 130

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419016.D Vial: 59
Acq On : 19 Apr 2007 18:24 Operator: LH
Sample : JPL33-014 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:06 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	2029196	50.00	ug/l	0.00 103.96%
50) Chlorobenzene-d5	9.87	82	692365	50.00	ug/l	0.00 98.45%
70) 1,4-Dichlorobenzene-d4	12.18	152	370936	50.00	ug/l	0.00 95.30%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	484910	50.65	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.30%			
37) 1,2-Dichloroethane-d4	6.39	65	548069	50.01	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.02%			
51) Toluene-d8	8.41	98	2002228	52.36	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.72%			
72) 4-Bromofluorobenzene	11.04	95	420672	54.98	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 109.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.41	50	61	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.81	96	71	N.D.		
6) Chloroethane	1.97	64	70	N.D.		
7) Trichlorofluoromethane	2.20	101	57	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	0.00	96	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.98	43	211	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.04	76	454	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	3.30	43	58	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	3.89	73	62	N.D.		
22) 1,1-Dichloroethane	4.56	63	107	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419016.D Vial: 59
Acq On : 19 Apr 2007 18:24 Operator: LH
Sample : JPL33-014 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:06 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	Vinyl acetate	0.00	43	0	N.D.	
24)	Chloroprene	0.00	53	0	N.D.	
25)	2,2-Dichloropropane	0.00	77	0	N.D.	
26)	cis-1,2-Dichloroethene	0.00	96	0	N.D.	
27)	2-Butanone	5.35	43	78	N.D.	
28)	Propionitrile	0.00	54	0	N.D.	
29)	Bromochloromethane	0.00	128	0	N.D.	
30)	Methacrylonitrile	0.00	41	0	N.D.	
31)	Chloroform	0.00	83	0	N.D.	
32)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	6.03	56	60	N.D.	
35)	Carbon Tetrachloride	0.00	117	0	N.D.	
36)	1,1-Dichloropropene	6.20	75	57	N.D.	
38)	Benzene	6.40	78	884	N.D.	
39)	1,2-Dichloroethane	0.00	62	0	N.D.	
40)	Isobutanol	0.00	43	0	N.D.	d
41)	Trichloroethene	0.00	130	0	N.D.	
42)	Methylcyclohexane	7.29	83	59	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	7.49	41	58	N.D.	
46)	Bromodichloromethane	0.00	83	0	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d
52)	Toluene	8.48	92	831	N.D.	
53)	trans-1,3-Dichloropropene	8.66	75	74	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	9.01	166	58	N.D.	
57)	1,3-Dichloropropane	9.09	76	68	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	d
59)	Dibromochloromethane	0.00	129	0	N.D.	
60)	1,2-Dibromoethane	0.00	107	0	N.D.	
61)	Chlorobenzene	9.90	112	346	N.D.	
62)	1-Chlorohexane	0.00	91	0	N.D.	d
63)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64)	Ethylbenzene	9.99	91	260	N.D.	
65)	m,p-Xylene	10.11	106	373	N.D.	
66)	o-xylene	10.51	106	64	N.D.	
67)	Styrene	10.51	104	76	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419016.D Vial: 59
Acq On : 19 Apr 2007 18:24 Operator: LH
Sample : JPL33-014 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:06 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.74	173	111	N.D.		
69)	Isopropylbenzene	10.87	105	125	N.D.		
71)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.04	83	281	N.D.		
75)	1,2,3-Trichloropropane	11.04	110	148	N.D.		
76)	n-Propylbenzene	11.26	120	60	N.D.		
77)	2-Chlorotoluene	11.47	91	195	N.D.		
78)	4-Chlorotoluene	11.47	91	195	N.D.		
79)	1,3,5-Trimethylbenzene	11.45	105	160	N.D.		
80)	tert-Butylbenzene	11.76	119	220	N.D.		
81)	1,2,4-Trimethylbenzene	11.82	105	292	N.D.		
82)	sec-butylbenzene	11.98	105	327	N.D.		
83)	1,3-Dichlorobenzene	12.21	146	263	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.21	146	263	N.D.		
86)	1,2-Dichlorobenzene	12.58	146	146	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	d	
90)	Hexachlorobutadiene	14.33	225	146	N.D.		
91)	Naphthalene	0.00	128	0	N.D.	d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

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

TIC FORMS

SDG JPL33

VOLATILES ANALYSIS

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
B041907MVOWM1

Lab Name: Laucks Testing Laboratories, Inc
Contract: JPL Groundwater Monitorin

SDG No.: JPL33
Run Sequence: R017025

Matrix: (SOIL/WATER) Water
Lab Sample ID: B041907MVOWM1

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: M0419012.D

Level: (LOW/MED)
Date Collected:

% Moisture: not dec.
Date Analyzed: 04/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)
Dilution Factor: 1.0

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

Number TICs Found: 0
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041907\M0419012.D Vial: 55
Acq On : 19 Apr 2007 16:47 Operator: LH
Sample : B041907MVOWM1 Inst : MOBY
Misc : 5ml PFW+IS/SS(MV8-38-11) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0419012.D 8260B.M Fri Apr 20 10:06:43 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-26-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL33

Run Sequence: R017025

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL33-001

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0419018.D

Level: (LOW/MED)

Date Collected: 04/11/2007

% Moisture: not dec.

Date Analyzed: 04/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041907\M0419018.D
Acq On : 19 Apr 2007 19:12
Sample : JPL33-001
Misc : 5ml +IS/SS #3
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

Vial: 61
Operator: LH
Inst : MOBY
Multiplr: 1.00

No Library Search Compounds Detected

****
M0419018.D 8260B.M Fri Apr 20 10:09:56 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-26-1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL33

Run Sequence: R017025

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL33-002

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0419019.D

Level: (LOW/MED)

Date Collected: 04/11/2007

% Moisture: not dec.

Date Analyzed: 04/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041907\M0419019.D Vial: 62
Acq On : 19 Apr 2007 19:36 Operator: LH
Sample : JPL33-002 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0419019.D 8260B.M Fri Apr 20 10:11:06 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
EB-11-4/10/07

Lab Name: Laucks Testing Laboratories, Inc
Contract: JPL Groundwater Monitorin

SDG No.: JPL33
Run Sequence: R017025

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL33-003

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: M0419020.D

Level: (LOW/MED)
Date Collected: 04/11/2007

% Moisture: not dec.
Date Analyzed: 04/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)
Dilution Factor: 1.0

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

Number TICs Found: 0
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041907\M0419020.D Vial: 63
Acq On : 19 Apr 2007 20:00 Operator: LH
Sample : JPL33-003 Inst : MOBY
Misc : 5ml +IS/SS #2 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0419020.D 8260B.M Fri Apr 20 10:13:37 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-11-4/10/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL33

Run Sequence: R017025

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL33-004

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0419013.D

Level: (LOW/MED)

Date Collected: 04/11/2007

% Moisture: not dec.

Date Analyzed: 04/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041907\M0419013.D Vial: 56
Acq On : 19 Apr 2007 17:11 Operator: LH
Sample : JPL33-004 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0419013.D 8260B.M Fri Apr 20 10:00:33 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-13

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL33

Run Sequence: R017025

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL33-005

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0419021.D

Level: (LOW/MED)

Date Collected: 04/12/2007

% Moisture: not dec.

Date Analyzed: 04/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041907\M0419021.D Vial: 64
Acq On : 19 Apr 2007 20:24 Operator: LH
Sample : JPL33-005 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0419021.D 8260B.M Fri Apr 20 10:15:27 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-16

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL33

Run Sequence: R017025

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL33-006

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0419022.D

Level: (LOW/MED)

Date Collected: 04/12/2007

% Moisture: not dec.

Date Analyzed: 04/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041907\M0419022.D Vial: 65
Acq On : 19 Apr 2007 20:48 Operator: LH
Sample : JPL33-006 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0419022.D 8260B.M Fri Apr 20 10:17:01 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-12-4/11/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL33

Run Sequence: R017025

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL33-007

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0419014.D

Level: (LOW/MED)

Date Collected: 04/12/2007

% Moisture: not dec.

Date Analyzed: 04/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041907\M0419014.D Vial: 57
Acq On : 19 Apr 2007 17:35 Operator: LH
Sample : JPL33-007 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****

M0419014.D 8260B.M Fri Apr 20 10:03:12 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
DUPE-7-1Q07

Lab Name: Laucks Testing Laboratories, Inc
Contract: JPL Groundwater Monitorin

SDG No.: JPL33
Run Sequence: R017025

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL33-008

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: M0419023.D

Level: (LOW/MED)
Date Collected: 04/12/2007

% Moisture: not dec.
Date Analyzed: 04/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)
Dilution Factor: 1.0

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

Number TICs Found: 0
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
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28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041907\M0419023.D Vial: 66
Acq On : 19 Apr 2007 21:12 Operator: LH
Sample : JPL33-008 Inst : MOBY
Misc : 5ml +IS/SS #4 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0419023.D 8260B.M Fri Apr 20 10:18:40 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
MW-7

Lab Name: Laucks Testing Laboratories, Inc
Contract: JPL Groundwater Monitorin

SDG No.: JPL33
Run Sequence: R017025

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL33-009

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: M0419024.D

Level: (LOW/MED)
Date Collected: 04/13/2007

% Moisture: not dec.
Date Analyzed: 04/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)
Dilution Factor: 1.0

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

Number TICs Found: 0
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041907\M0419024.D Vial: 67
Acq On : 19 Apr 2007 21:36 Operator: LH
Sample : JPL33-009 Inst : MOBY
Misc : 5ml +IS/SS #4 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0419024.D 8260B.M Fri Apr 20 10:20:15 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-8

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL33

Run Sequence: R017025

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL33-010

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0419025.D

Level: (LOW/MED)

Date Collected: 04/13/2007

% Moisture: not dec.

Date Analyzed: 04/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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09					
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12					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041907\M0419025.D Vial: 68
Acq On : 19 Apr 2007 22:00 Operator: LH
Sample : JPL33-010 Inst : MOBY
Misc : 5ml +IS/SS #4 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0419025.D 8260B.M Fri Apr 20 10:21:44 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.: TB-13-4/12/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL33

Run Sequence: R017025

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL33-011

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0419015.D

Level: (LOW/MED)

Date Collected: 04/13/2007

% Moisture: not dec.

Date Analyzed: 04/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041907\M0419015.D Vial: 58
Acq On : 19 Apr 2007 18:00 Operator: LH
Sample : JPL33-011 TB Inst : MOBY
Misc : 5ml +IS/SS #2 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0419015.D 8260B.M Fri Apr 20 10:04:55 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-5

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL33

Run Sequence: R017025

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL33-012

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0419026.D

Level: (LOW/MED)

Date Collected: 04/13/2007

% Moisture: not dec.

Date Analyzed: 04/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041907\M0419026.D Vial: 69
Acq On : 19 Apr 2007 22:24 Operator: LH
Sample : JPL33-012 Inst : MOBY
Misc : 5ml +IS/SS #2 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0419026.D 8260B.M Fri Apr 20 10:23:04 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-10

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL33

Run Sequence: R017025

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL33-013

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0419027.D

Level: (LOW/MED)

Date Collected: 04/13/2007

% Moisture: not dec.

Date Analyzed: 04/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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07					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041907\M0419027.D Vial: 70
Acq On : 19 Apr 2007 22:48 Operator: LH
Sample : JPL33-013 Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0419027.D 8260B.M Fri Apr 20 10:24:53 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-14-4/13/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL33

Run Sequence: R017025

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL33-014

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0419016.D

Level: (LOW/MED)

Date Collected: 04/13/2007

% Moisture: not dec.

Date Analyzed: 04/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
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11					
12					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041907\M0419016.D Vial: 59
Acq On : 19 Apr 2007 18:24 Operator: LH
Sample : JPL33-014 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0419016.D 8260B.M Fri Apr 20 10:06:27 2007

Metals Data

JPL33

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL33

SOW No.:

Sample No.	Lab Sample ID
MW-26-2	JPL33-001
MW-26-1	JPL33-002
EB-11-4/10/07	JPL33-003
MW-13	JPL33-005
MW-16	JPL33-006
DUPE-7-1Q07	JPL33-008
MW-7	JPL33-009
MW-8	JPL33-010
MW-5	JPL33-012
MW-10	JPL33-013
MW-10MS	JPL33-013MS
MW-10MSD	JPL33-013MSD

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No NO

If yes-was raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is technically complete, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: [signature] Name: Cheronne Oreiro

Date: 05/03/2007 Title: Metals Lead

Metals Analysis Data Sheets

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-26-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL33

Matrix (soil/water): Water Lab Sample ID: JPL33-001

Level (low/med): LOW Date Received: 04/11/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	10.0			M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-26-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL33

Matrix (soil/water): Water Lab Sample ID: JPL33-002

Level (low/med): LOW Date Received: 04/11/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	9.66			M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-11-4/10/07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL33

Matrix (soil/water): Water Lab Sample ID: JPL33-003

Level (low/med): LOW Date Received: 04/11/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.40			M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-13

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL33

Matrix (soil/water): Water Lab Sample ID: JPL33-005

Level (low/med): LOW Date Received: 04/12/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	70.3			M	R017204

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-16

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL33

Matrix (soil/water): Water Lab Sample ID: JPL33-006

Level (low/med): LOW Date Received: 04/12/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	11.3			M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

DUPE-7-1Q07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL33

Matrix (soil/water): Water Lab Sample ID: JPL33-008

Level (low/med): LOW Date Received: 04/12/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	10.5			M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-7

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL33

Matrix (soil/water): Water Lab Sample ID: JPL33-009

Level (low/med): LOW Date Received: 04/13/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	10.6			M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-8

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL33

Matrix (soil/water): Water Lab Sample ID: JPL33-010

Level (low/med): LOW Date Received: 04/13/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	12.7			M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

MET-11

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL33

Matrix (soil/water): Water Lab Sample ID: JPL33-012

Level (low/med): LOW Date Received: 04/13/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	8.58			M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-10

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL33

Matrix (soil/water): Water Lab Sample ID: JPL33-013

Level (low/med): LOW Date Received: 04/13/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	47.5			M	R017204

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

Miscellaneous Inorganic Data

JPL33

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LAUCKS TESTING LABS, INC.

Lab Code: LAUCKS SDG No.: JPL33

Client Identification	Lab Sample Work Order Number
MW-26-2	JPL33-001DL
MW-26-1	JPL33-002DL
EB-11-4/10/07	JPL33-003
MW-13	JPL33-005
MW-16	JPL33-006
DUPE-7-1Q07	JPL33-008
DUPE-7-1Q07MS	JPL33-008MS
DUPE-7-1Q07MSD	JPL33-008MSD
MW-7	JPL33-009
MW-8	JPL33-010
MW-8MS	JPL33-010MS
MW-8MSD	JPL33-010MSD
MW-5	JPL33-012DL
MW-10	JPL33-013DL
MW-10MS	JPL33-013MS
MW-10MSD	JPL33-013MSD

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Bill Ambacher Name: Bill Ambacher

Date: 5/4/07 Title: Inorganics/Metals Manager

Inorganic Analysis Data Sheets

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL33		
Sample Number:	MW-26-2	**Date/Time Collected:**	04/10/2007 07:57
Lab Sample ID:	JPL33-001	**Date/Time Received:**	04/11/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	05/02/2007	05/03/2007	R017239

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL33		
Sample Number:	MW-26-1	**Date/Time Collected:**	04/10/2007 08:40
Lab Sample ID:	JPL33-002	**Date/Time Received:**	04/11/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	05/02/2007	05/03/2007	R017239

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL33		
Sample Number:	EB-11-4/10/07	**Date/Time Collected:**	04/10/2007 08:24
Lab Sample ID:	JPL33-003	**Date/Time Received:**	04/11/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	1	1.0	U	1.0	0.14	05/02/2007	05/03/2007	R017239

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle **Project:** JPL Groundwater Monitoring

SDG Number: JPL33

Sample Number: MW-13 **Date/Time Collected:** 04/11/2007 09:10

Lab Sample ID: JPL33-005 **Date/Time Received:** 04/12/2007 08:30

Method: E300.0 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Nitrate - N	14797-55-8	10	6.9		2.0	0.55	04/12/2007	04/12/2007	R016780
Nitrite - N	14797-65-0	1	0.10	U	0.10	0.017	04/12/2007	04/12/2007	R016780
Sulfate as SO4	14808-79-8	10	71		10	1.7	04/12/2007	04/12/2007	R016780
Chloride	16887-00-6	10	57		10	0.76	04/12/2007	04/12/2007	R016780
Orthophosphate	7723-14-0	1	1.0	U	1.0	0.33	04/12/2007	04/12/2007	R016780

Method: E314.0 **Unit:** ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	250		4.0	0.56	05/02/2007	05/03/2007	R017239

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle **Project:** JPL Groundwater Monitoring

SDG Number: JPL33

Sample Number: MW-16 **Date/Time Collected:** 04/11/2007 11:40

Lab Sample ID: JPL33-006 **Date/Time Received:** 04/12/2007 08:30

Method: E300.0 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Nitrate - N	14797-55-8	10	4.4		2.0	0.55	04/12/2007	04/12/2007	R016780
Nitrite - N	14797-65-0	1	0.10	U	0.10	0.017	04/12/2007	04/12/2007	R016780
Sulfate as SO4	14808-79-8	10	26		10	1.7	04/12/2007	04/12/2007	R016780
Chloride	16887-00-6	10	28		10	0.76	04/12/2007	04/12/2007	R016780
Orthophosphate	7723-14-0	1	1.0	U	1.0	0.33	04/12/2007	04/12/2007	R016780

Method: E314.0 **Unit:** ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	50	1500		50	7.0	05/02/2007	05/03/2007	R017239

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle **Project:** JPL Groundwater Monitoring

SDG Number: JPL33

Sample Number: DUPE-7-1Q07 **Date/Time Collected:** 04/11/2007 00:00

Lab Sample ID: JPL33-008 **Date/Time Received:** 04/12/2007 08:30

Method: E300.0 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Nitrate - N	14797-55-8	10	4.8		2.0	0.55	04/12/2007	04/12/2007	R016780
Nitrite - N	14797-65-0	1	0.10	U	0.10	0.017	04/12/2007	04/12/2007	R016780
Sulfate as SO4	14808-79-8	10	26		10	1.7	04/12/2007	04/12/2007	R016780
Chloride	16887-00-6	10	31		10	0.76	04/12/2007	04/12/2007	R016780
Orthophosphate	7723-14-0	1	1.0	U	1.0	0.33	04/12/2007	04/12/2007	R016780

Method: E314.0 **Unit:** ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	50	1500		50	7.0	05/02/2007	05/03/2007	R017239

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle **Project:** JPL Groundwater Monitoring

SDG Number: JPL33

Sample Number: MW-7 **Date/Time Collected:** 04/12/2007 09:34

Lab Sample ID: JPL33-009 **Date/Time Received:** 04/13/2007 08:30

Method: E300.0 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Nitrate - N	14797-55-8	1	0.54		0.040	0.055	04/13/2007	04/13/2007	R016836
Nitrite - N	14797-65-0	1	0.050	U	0.050	0.017	04/13/2007	04/13/2007	R016836
Sulfate as SO4	14808-79-8	10	35		10	1.7	04/13/2007	04/13/2007	R016836
Chloride	16887-00-6	10	38		2.0	0.76	04/13/2007	04/13/2007	R016836
Orthophosphate	7723-14-0	1	0.18		0.10	0.33	04/13/2007	04/13/2007	R016836

Method: E314.0 **Unit:** ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	05/02/2007	05/03/2007	R017239

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle **Project:** JPL Groundwater Monitoring

SDG Number: JPL33

Sample Number: MW-8 **Date/Time Collected:** 04/12/2007 11:41

Lab Sample ID: JPL33-010 **Date/Time Received:** 04/13/2007 08:30

Method: E300.0 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Nitrate - N	14797-55-8	10	4.3		0.40	0.55	04/13/2007	04/13/2007	R016836
Nitrite - N	14797-65-0	1	0.050	U	0.050	0.017	04/13/2007	04/13/2007	R016836
Sulfate as SO4	14808-79-8	10	53		10	1.7	04/13/2007	04/13/2007	R016836
Chloride	16887-00-6	10	26		2.0	0.76	04/13/2007	04/13/2007	R016836
Orthophosphate	7723-14-0	1	0.10	U	0.10	0.33	04/13/2007	04/13/2007	R016836

Method: E314.0 **Unit:** ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	84		2.0	0.28	05/02/2007	05/03/2007	R017239

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL33		
Sample Number:	MW-5	**Date/Time Collected:**	04/13/2007 09:24
Lab Sample ID:	JPL33-012	**Date/Time Received:**	04/16/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	16		2.0	0.28	05/02/2007	05/03/2007	R017239

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL33		
Sample Number:	MW-10	**Date/Time Collected:**	04/13/2007 12:00
Lab Sample ID:	JPL33-013	**Date/Time Received:**	04/16/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	05/02/2007	05/03/2007	R017239

SAMPLE DATA

SDG JPL34

VOLATILES ANALYSIS

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-6

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL34 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL34-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419028.D

Level: (LOW/MED) Date Collected: 04/16/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 23:12

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.84	
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.40	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.52	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-6

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL34 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL34-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419028.D

Level: (LOW/MED) Date Collected: 04/16/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 23:12

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	1.6	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-6

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL34 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL34-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419028.D

Level: (LOW/MED) Date Collected: 04/16/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 23:12

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

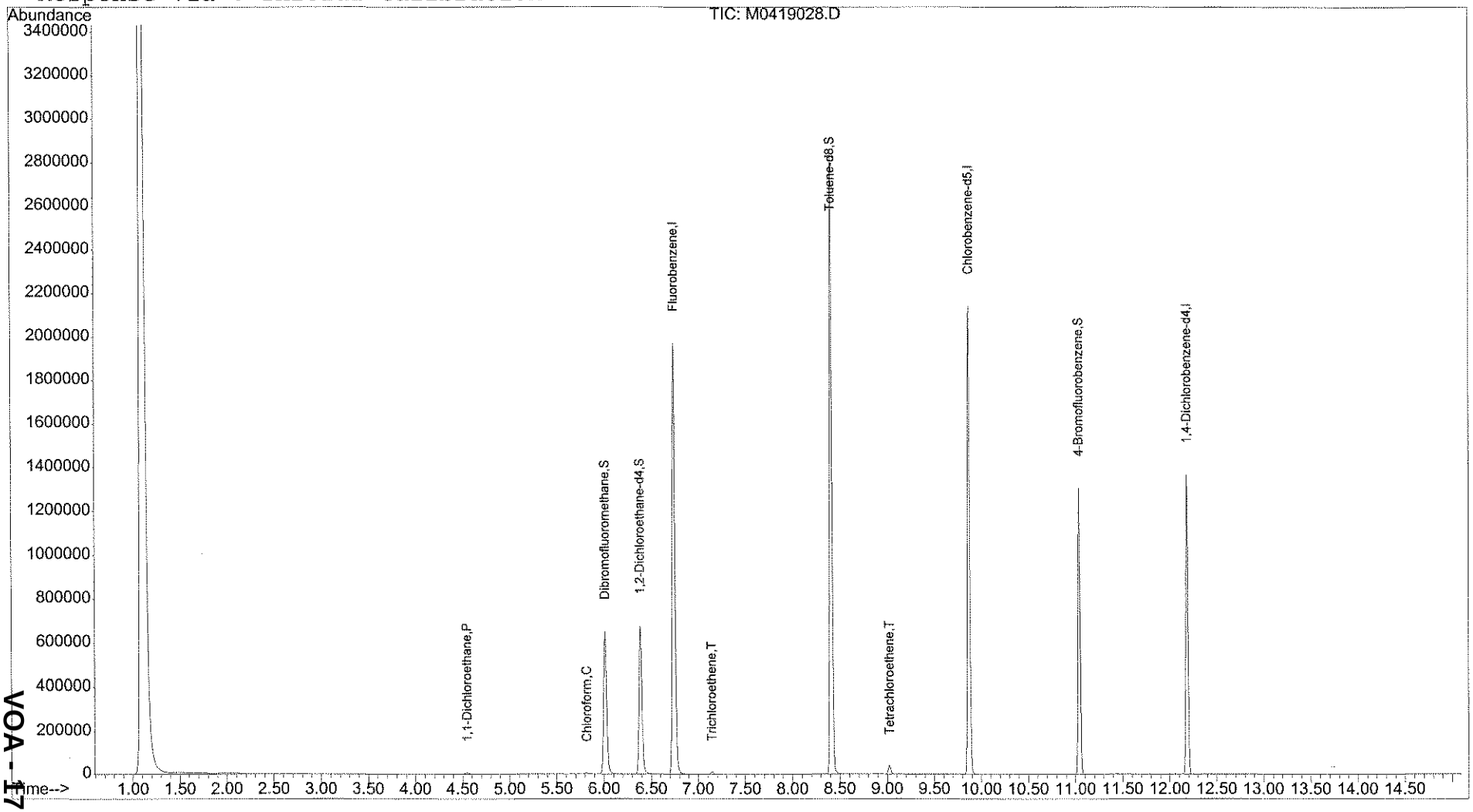
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419028.D Vial: 71
Acq On : 19 Apr 2007 23:12 Operator: LH
Sample : JPL34-001 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:25 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration



VOA - 17

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419028.D Vial: 71
Acq On : 19 Apr 2007 23:12 Operator: LH
Sample : JPL34-001 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:25 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	1874949	50.00	ug/l	0.00 96.06%
50) Chlorobenzene-d5	9.87	82	637011	50.00	ug/l	0.00 90.57%
70) 1,4-Dichlorobenzene-d4	12.18	152	337964	50.00	ug/l	0.00 86.83%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	447867	50.63	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.26%			
37) 1,2-Dichloroethane-d4	6.39	65	507705	50.14	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.28%			
51) Toluene-d8	8.41	98	1843649	52.40	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.80%			
72) 4-Bromofluorobenzene	11.04	95	386379	55.42	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 110.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	1.79	96	55	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	2.18	101	1243	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	2.77	96	819	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.97	43	121	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.02	76	407	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
20) Acrylonitrile	0.00	53	0	N.D.		
21) Methyl tert-butyl ether	3.93	73	57	N.D.		
22) 1,1-Dichloroethane	4.54	63	12099	0.84	ug/l	96

(#) = qualifier out of range (m) = manual integration
M0419028.D 8260B.M Fri Apr 20 10:26:02 2007 Page 1

4/20/07

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419028.D Vial: 71
Acq On : 19 Apr 2007 23:12 Operator: LH
Sample : JPL34-001 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:25 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) Vinyl acetate	4.60	43	57	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	0.00	77	0	N.D.	
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
27) 2-Butanone	5.45	43	67	N.D.	
28) Propionitrile	0.00	54	0	N.D.	
29) Bromochloromethane	0.00	128	0	N.D.	
30) Methacrylonitrile	5.75	41	58	N.D.	
31) Chloroform	5.81	83	6031	0.40 ug/l	84
32) 1,1,1-Trichloroethane	5.97	97	55	N.D.	
34) Cyclohexane	6.00	56	68	N.D.	
35) Carbon Tetrachloride	0.00	117	0	N.D.	
36) 1,1-Dichloropropene	0.00	75	0	N.D.	
38) Benzene	6.40	78	1036	N.D.	
39) 1,2-Dichloroethane	0.00	62	0	N.D.	
40) Isobutanol	0.00	43	0	N.D. d	
41) Trichloroethene	7.15	130	4377	0.52 ug/l #	53
42) Methylcyclohexane	0.00	83	0	N.D.	
43) 1,2-Dichloropropane	7.52	63	68	N.D.	
44) Dibromomethane	7.48	93	86	N.D.	
45) Methyl methacrylate	7.38	41	74	N.D.	
46) Bromodichloromethane	7.71	83	62	N.D.	
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48) cis-1,3-Dichloropropene	8.26	75	55	N.D.	
49) 4-Methyl-2-pentanone	0.00	43	0	N.D. d	
52) Toluene	8.48	92	76	N.D.	
53) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
54) Ethyl methacrylate	0.00	69	0	N.D.	
55) 1,1,2-Trichloroethane	8.86	97	74	N.D.	
56) Tetrachloroethene	9.03	166	12069	1.58 ug/l	98
57) 1,3-Dichloropropane	0.00	76	0	N.D.	
58) 2-Hexanone	0.00	43	0	N.D. d	
59) Dibromochloromethane	0.00	129	0	N.D.	
60) 1,2-Dibromoethane	0.00	107	0	N.D.	
61) Chlorobenzene	9.91	112	127	N.D.	
62) 1-Chlorohexane	0.00	91	0	N.D. d	
63) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
64) Ethylbenzene	9.99	91	137	N.D.	
65) m,p-Xylene	10.11	106	60	N.D.	
66) o-xylene	10.49	106	57	N.D.	
67) Styrene	0.00	104	0	N.D.	

LL 4/20/07

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

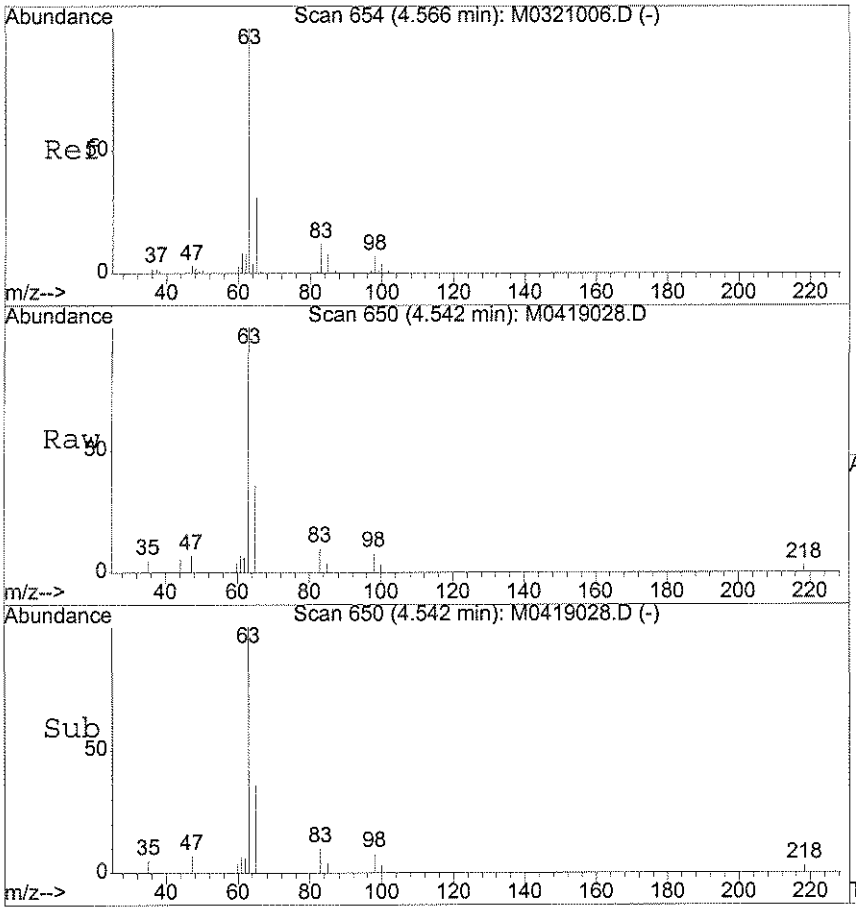
Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419028.D Vial: 71
Acq On : 19 Apr 2007 23:12 Operator: LH
Sample : JPL34-001 Inst : MOBY
Misc : 5ml +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:25 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.75	173	58	N.D.		
69)	Isopropylbenzene	11.04	105	1096	N.D.		
71)	trans-1,4-Dichloro-2-buten	11.12	53	55	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.04	83	131	N.D.		
75)	1,2,3-Trichloropropane	11.05	110	126	N.D.		
76)	n-Propylbenzene	11.42	120	60	N.D.		
77)	2-Chlorotoluene	11.26	91	58	N.D.		
78)	4-Chlorotoluene	11.50	91	60	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.83	105	61	N.D.		
82)	sec-butylbenzene	11.99	105	243	N.D.		
83)	1,3-Dichlorobenzene	12.24	146	63	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.		d
85)	1,4-Dichlorobenzene	12.24	146	63	N.D.		
86)	1,2-Dichlorobenzene	12.58	146	66	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.		d
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	14.14	225	75	N.D.		
91)	Naphthalene	0.00	128	0	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

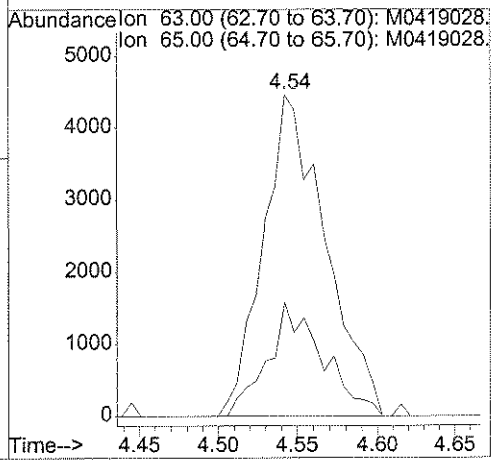
(#) = qualifier out of range (m) = manual integration

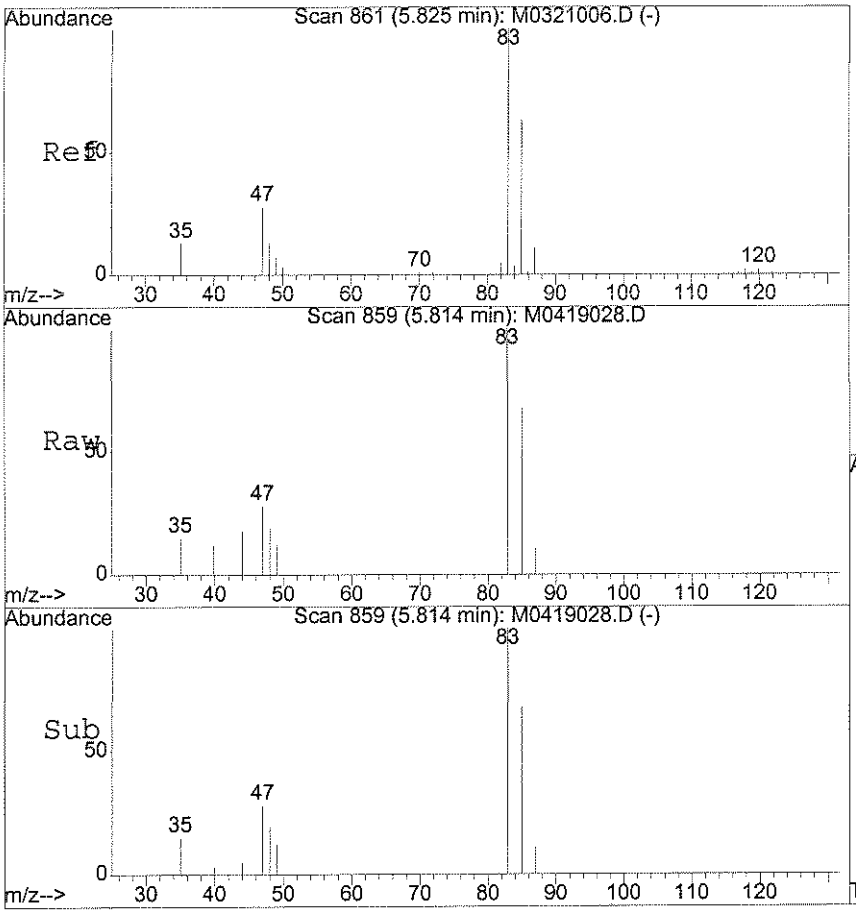


#22
1,1-Dichloroethane
Concen: 0.84 ug/l
RT: 4.54 min Scan# 650
Delta R.T. 0.00 min
Lab File: M0419028.D
Acq: 19 Apr 2007 23:12

Tgt Ion: 63 Resp: 12099

Ion	Ratio	Lower	Upper
63	100		
65	31.3	13.7	53.7

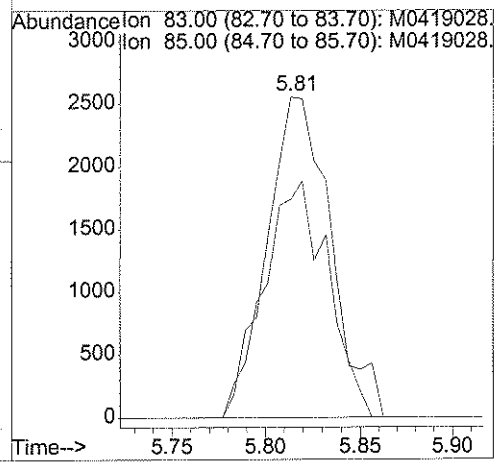


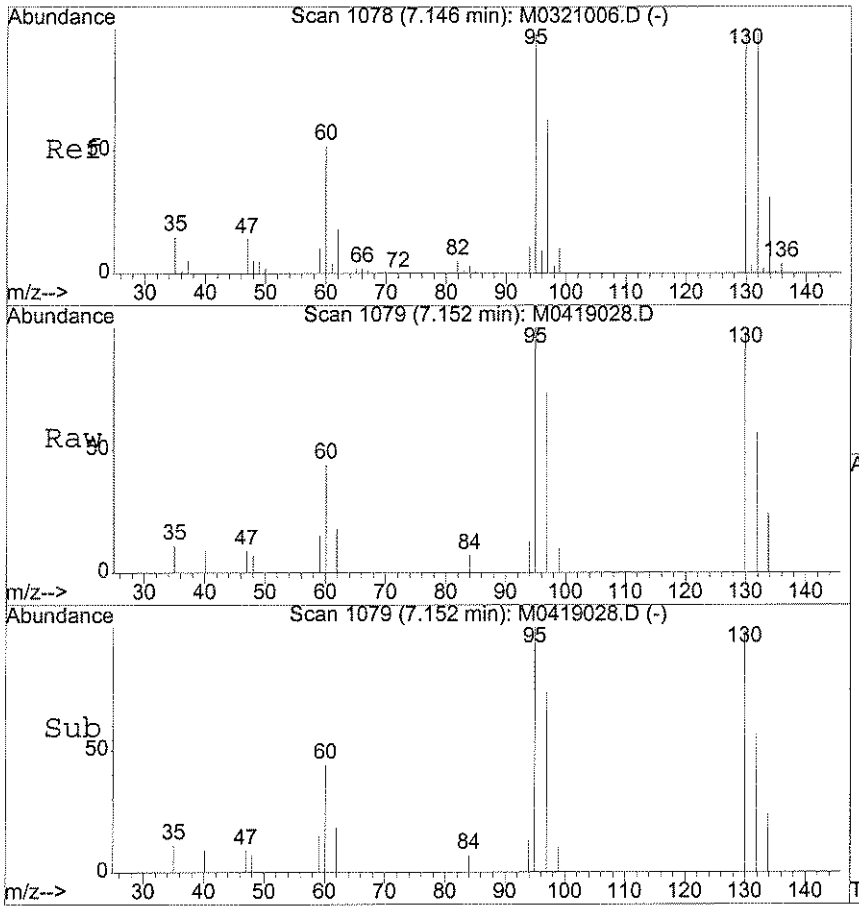


#31
Chloroform
Concen: 0.40 ug/l
RT: 5.81 min Scan# 859
Delta R.T. 0.00 min
Lab File: M0419028.D
Acq: 19 Apr 2007 23:12

Tgt Ion: 83 Resp: 6031

Ion	Ratio	Lower	Upper
83	100		
85	73.4	41.2	81.2

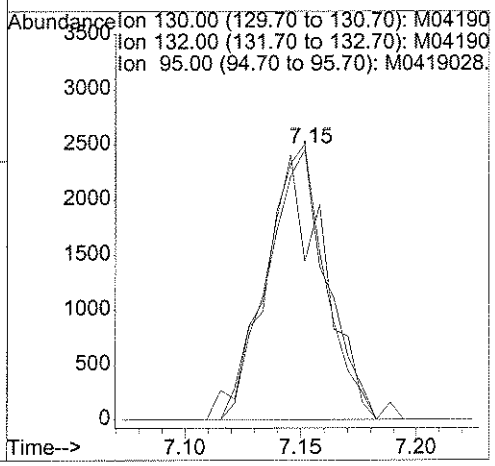


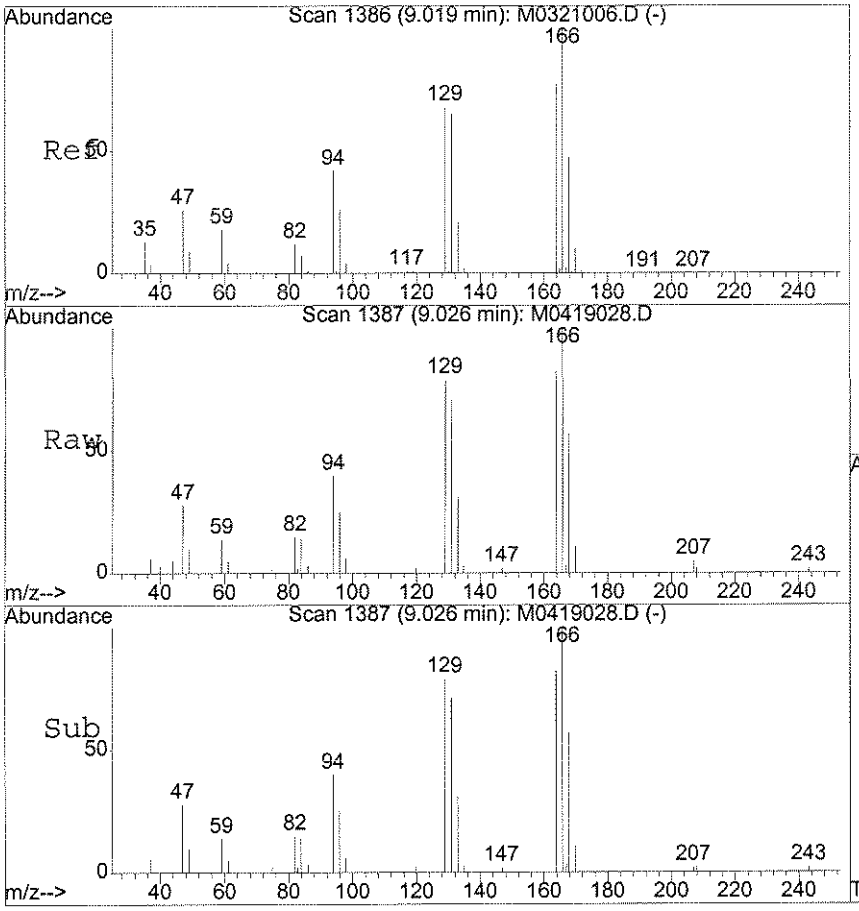


#41
Trichloroethene
Concen: 0.52 ug/l
RT: 7.15 min Scan# 1079
Delta R.T. 0.01 min
Lab File: M0419028.D
Acq: 19 Apr 2007 23:12

Tgt Ion:130 Resp: 4377

Ion	Ratio	Lower	Upper
130	100		
132	96.6	75.0	115.0
95	0.0	69.4	109.4#

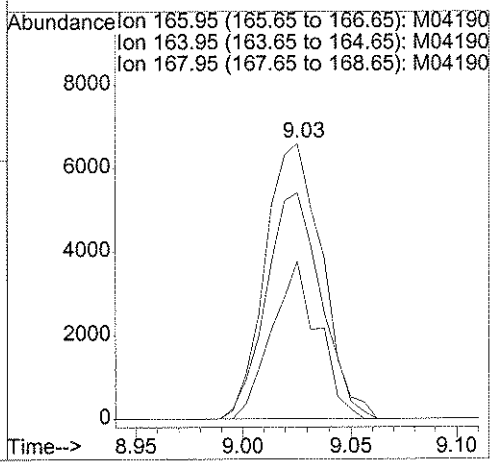




#56
Tetrachloroethene
Concen: 1.58 ug/l
RT: 9.03 min Scan# 1387
Delta R.T. 0.00 min
Lab File: M0419028.D
Acq: 19 Apr 2007 23:12

Tgt Ion:166 Resp: 12069

Ion	Ratio	Lower	Upper
166	100		
164	79.6	63.3	94.9
168	46.8	39.6	59.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-15-4/16/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL34 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL34-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419017.D

Level: (LOW/MED) _____ Date Collected: 04/16/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/19/2007 18:48

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-15-4/16/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL34 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL34-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419017.D

Level: (LOW/MED) Date Collected: 04/16/2007

% Moisture: not dec. Date/Time Analyzed: 04/19/2007 18:48

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-15-4/16/07

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL34 Run Sequence: R017025

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL34-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: M0419017.D

Level: (LOW/MED) _____ Date Collected: 04/16/2007

% Moisture: not dec. _____ Date/Time Analyzed: 04/19/2007 18:48

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

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

Heated Purge: (Y/N) N

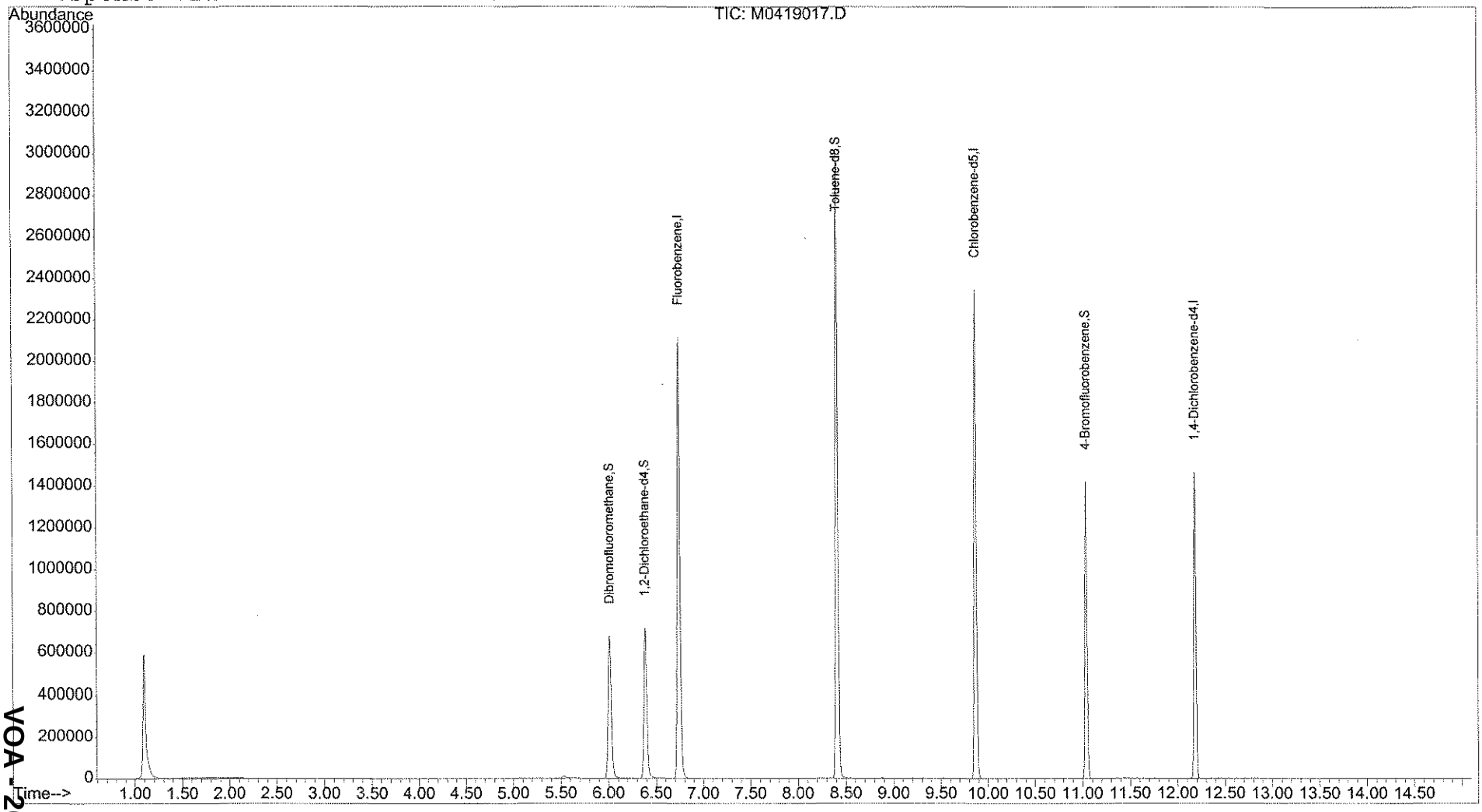
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419017.D Vial: 60
Acq On : 19 Apr 2007 18:48 Operator: LH
Sample : JPL34-004 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:07 2007 Quant Results File: 8260B.RES

Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration



VOA-26

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419017.D Vial: 60
Acq On : 19 Apr 2007 18:48 Operator: LH
Sample : JPL34-004 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:07 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1
IS QA File : X:\MSVOA\MOBY\041607\M0416012.D (16 Apr 2007 12:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.74	96	2020158	50.00	ug/l	0.00 103.50%
50) Chlorobenzene-d5	9.87	82	684983	50.00	ug/l	0.00 97.40%
70) 1,4-Dichlorobenzene-d4	12.19	152	366955	50.00	ug/l	0.00 94.28%
System Monitoring Compounds						
33) Dibromofluoromethane	6.01	111	481368	50.51	ug/l	0.00
Spiked Amount 50.000	Range 85 - 115		Recovery = 101.02%			
37) 1,2-Dichloroethane-d4	6.38	65	545264	49.98	ug/l	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.96%			
51) Toluene-d8	8.41	98	1983966	52.44	ug/l	0.00
Spiked Amount 50.000	Range 85 - 120		Recovery = 104.88%			
72) 4-Bromofluorobenzene	11.04	95	417528	55.16	ug/l	0.00
Spiked Amount 50.000	Range 75 - 120		Recovery = 110.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) Acrolein	0.00	56	0	N.D.		
9) 1,1-Dichloroethene	2.84	96	57	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	0.00	43	0	N.D.	d	
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	3.03	76	270	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.	d	
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) trans-1,2-Dichloroethene	3.95	96	65	N.D.		
20) Acrylonitrile	3.86	53	83	N.D.		
21) Methyl tert-butyl ether	0.00	73	0	N.D.		
22) 1,1-Dichloroethane	0.00	63	0	N.D.		

(#) = qualifier out of range (m) = manual integration
M0419017.D 8260B.M Fri Apr 20 10:07:59 2007 Page 1

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419017.D Vial: 60
Acq On : 19 Apr 2007 18:48 Operator: LH
Sample : JPL34-004 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:07 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
23) Vinyl acetate	4.71	43	55	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	5.40	77	56	N.D.		
26) cis-1,2-Dichloroethene	5.37	96	62	N.D.		
27) 2-Butanone	5.53	43	525	N.D.		
28) Propionitrile	0.00	54	0	N.D.		
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	5.78	41	69	N.D.		
31) Chloroform	5.82	83	57	N.D.		
32) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	6.01	56	131	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) 1,1-Dichloropropene	6.15	75	67	N.D.		
38) Benzene	6.40	78	769	N.D.		
39) 1,2-Dichloroethane	6.40	62	482	N.D.		
40) Isobutanol	0.00	43	0	N.D.		d
41) Trichloroethene	7.15	130	78	N.D.		
42) Methylcyclohexane	0.00	83	0	N.D.		
43) 1,2-Dichloropropane	0.00	63	0	N.D.		
44) Dibromomethane	0.00	93	0	N.D.		
45) Methyl methacrylate	0.00	41	0	N.D.		
46) Bromodichloromethane	0.00	83	0	N.D.		
47) 2-Chloroethyl vinyl ether	7.98	63	55	N.D.		
48) cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49) 4-Methyl-2-pentanone	0.00	43	0	N.D.		d
52) Toluene	8.48	92	756	N.D.		
53) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
54) Ethyl methacrylate	8.63	69	71	N.D.		
55) 1,1,2-Trichloroethane	8.98	97	102	N.D.		
56) Tetrachloroethene	0.00	166	0	N.D.		
57) 1,3-Dichloropropane	9.19	76	58	N.D.		
58) 2-Hexanone	0.00	43	0	N.D.		d
59) Dibromochloromethane	0.00	129	0	N.D.		
60) 1,2-Dibromoethane	0.00	107	0	N.D.		
61) Chlorobenzene	9.89	112	223	N.D.		
62) 1-Chlorohexane	0.00	91	0	N.D.		d
63) 1,1,1,2-Tetrachloroethane	9.86	131	72	N.D.		
64) Ethylbenzene	9.99	91	372	N.D.		
65) m,p-Xylene	10.11	106	431	N.D.		
66) o-xylene	0.00	106	0	N.D.		
67) Styrene	10.51	104	66	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\MOBY\041907\M0419017.D Vial: 60
Acq On : 19 Apr 2007 18:48 Operator: LH
Sample : JPL34-004 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 20 10:07 2007 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Last Update : Tue Apr 17 16:33:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260(0~1

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
68)	Bromoform	10.73	173	127	N.D.		
69)	Isopropylbenzene	10.86	105	286	N.D.		
71)	trans-1,4-Dichloro-2-buten	11.04	53	73	N.D.		
73)	Bromobenzene	0.00	156	0	N.D.		
74)	1,1,2,2-Tetrachloroethane	11.04	83	346	N.D.		
75)	1,2,3-Trichloropropane	11.04	110	353	N.D.		
76)	n-Propylbenzene	11.28	120	96	N.D.		
77)	2-Chlorotoluene	11.37	91	71	N.D.		
78)	4-Chlorotoluene	11.48	91	316	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	tert-Butylbenzene	11.77	119	61	N.D.		
81)	1,2,4-Trimethylbenzene	11.82	105	59	N.D.		
82)	sec-butylbenzene	12.18	105	333	N.D.		
83)	1,3-Dichlorobenzene	12.09	146	56	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.	d	
85)	1,4-Dichlorobenzene	12.22	146	140	N.D.		
86)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.	d	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
90)	Hexachlorobutadiene	14.01	225	59	N.D.		
91)	Naphthalene	0.00	128	0	N.D.	d	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	d	

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

TIC FORMS

SDG JPL34

VOLATILES ANALYSIS

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B041907MVOWM1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL34

Run Sequence: R017025

Matrix: (SOIL/WATER) Water

Lab Sample ID: B041907MVOWM1

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0419012.D

Level: (LOW/MED)

Date Collected:

% Moisture: not dec.

Date Analyzed: 04/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041907\M0419012.D Vial: 55
Acq On : 19 Apr 2007 16:47 Operator: LH
Sample : B041907MVOWM1 Inst : MOBY
Misc : 5ml PFW+IS/SS(MV8-38-11) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0419012.D 8260B.M Mon Apr 30 16:42:27 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-6

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL34

Run Sequence: R017025

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL34-001

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0419028.D

Level: (LOW/MED)

Date Collected: 04/17/2007

% Moisture: not dec.

Date Analyzed: 04/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
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28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041907\M0419028.D
Acq On : 19 Apr 2007 23:12
Sample : JPL34-001
Misc : 5ml +IS/SS #3
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

Vial: 71
Operator: LH
Inst : MOBY
Multiplr: 1.00

No Library Search Compounds Detected

****

M0419028.D 8260B.M Fri Apr 20 10:26:09 2007

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-15-4/16/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL34

Run Sequence: R017025

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL34-004

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: M0419017.D

Level: (LOW/MED)

Date Collected: 04/17/2007

% Moisture: not dec.

Date Analyzed: 04/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\MOBY\041907\M0419017.D Vial: 60
Acq On : 19 Apr 2007 18:48 Operator: LH
Sample : JPL34-004 TB Inst : MOBY
Misc : 5ml +IS/SS #1 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\MOBY\QUANT\8260B.M (RTE Integrator)
Title : VOA 8260- 5ML Calibration 5973M
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
M0419017.D 8260B.M Fri Apr 20 10:08:05 2007

Metals Data

JPL34

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL34

SOW No.:

Sample No.	Lab Sample ID
MW-6	JPL34-001
MW-6MS	JPL34-001MS
MW-6MSD	JPL34-001MSD
MW-15	JPL34-002
DUPE-8-1Q07	JPL34-003
DUPE-8-1Q07MS	JPL34-003MS
DUPE-8-1Q07MSD	JPL34-003MSD

Were ICP interelement corrections applied?	Yes/No	YES
Were ICP background corrections applied?	Yes/No	NO
If yes-was raw data generated before application of background corrections?	Yes/No	NO

Comments:

I certify that this data package is technically complete, for other than the conditions detailed in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Bill Ambacher Name: Bill Ambacher

Date: 5/7/07 Title: Inorganics/Metals Manager

Metals Analysis Data Sheets

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-6

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL34

Matrix (soil/water): Water Lab Sample ID: JPL34-001

Level (low/med): LOW Date Received: 04/17/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	10.1			M	R017204

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-15

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL34

Matrix (soil/water): Water Lab Sample ID: JPL34-002

Level (low/med): LOW Date Received: 04/17/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	8.45			M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

DUPE-8-1Q07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL34

Matrix (soil/water): Water Lab Sample ID: JPL34-003

Level (low/med): LOW Date Received: 04/17/2007

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	8.05			M	R017069

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

Miscellaneous Inorganic Data

JPL34

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LAUCKS TESTING LABS, INC.

Lab Code: LAUCKS SDG No.: JPL34

Client Identification	Lab Sample Work Order Number
MW-6	JPL34-001DL
MW-6MS	JPL34-001MS
MW-6MSD	JPL34-001MSD

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Jennifer Renner

Date: 5-7-07 Title: Inorganics Lead

Inorganic Analysis Data Sheets

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL34		
Sample Number:	MW-6	**Date/Time Collected:**	04/16/2007 10:04
Lab Sample ID:	JPL34-001	**Date/Time Received:**	04/17/2007 08:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	0.56	05/02/2007	05/03/2007	R017239

FORM LTL-RSR-27.0

INO - 4

DIVIDER SHEET

ANALYTICAL DATA FOR

Hexavalent Chromium

ANALYSIS

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Battelle
Project Name : JPL Groundwater Monitoring 1Q07
Project Number : NA
Sample Matrix : WATER

Service Request : P0700303
Date Collected : 03/27-30/07
Date Received : 03/27-30/07

Chromium, Hexavalent

Prep Method : None
Analysis Method : 7196A
Test Notes :

Units : mg/L (ppm)
Basis : NA

Sample Name	Lab Code	PQL	MDL	Dilution Factor	Date Extracted	Date/Time Analyzed	Result	Result Notes
MW-21-5	P0700303-001	0.01	0.004	1	NA	03/27/07 15:10	ND	
MW-21-4	P0700303-002	0.01	0.004	1	NA	03/27/07 15:10	ND	
MW-21-3	P0700303-003	0.01	0.004	1	NA	03/27/07 15:10	ND	
MW-21-2	P0700303-004	0.01	0.004	1	NA	03/27/07 15:10	ND	
MW-21-1	P0700303-005	0.01	0.004	1	NA	03/27/07 15:10	ND	
EB-1-3/27/07	P0700303-006	0.01	0.004	1	NA	03/27/07 15:10	ND	
MW-14-3	P0700303-007	0.01	0.004	1	NA	03/28/07 15:05	ND	
MW-14-2	P0700303-008	0.01	0.004	1	NA	03/28/07 15:05	ND	
MW-14-1	P0700303-009	0.01	0.004	1	NA	03/28/07 15:05	ND	
EB-2-3/28/07	P0700303-010	0.01	0.004	1	NA	03/28/07 15:05	ND	
MW-17-4	P0700303-011	0.01	0.004	1	NA	03/29/07 15:50	ND	
MW-17-3	P0700303-012	0.01	0.004	1	NA	03/29/07 15:50	ND	
MW-17-2	P0700303-013	0.01	0.004	1	NA	03/29/07 15:50	ND	
DUPE-1-1Q07	P0700303-014	0.01	0.004	1	NA	03/29/07 15:50	ND	
EB-3-3/29/07	P0700303-015	0.01	0.004	1	NA	03/29/07 15:50	ND	
MW-18-4	P0700303-016	0.01	0.004	1	NA	03/29/07 15:50	ND	
MW-18-3	P0700303-017	0.01	0.004	1	NA	03/29/07 15:50	ND	
MW-18-2	P0700303-018	0.01	0.004	1	NA	03/29/07 15:50	ND	
DUPE-2-1Q07	P0700303-019	0.01	0.004	1	NA	03/29/07 15:50	ND	
MW-20-5	P0700303-020	0.01	0.004	1	NA	03/30/07 14:50	ND	
MW-20-4	P0700303-021	0.01	0.004	1	NA	03/30/07 14:50	ND	
MW-20-3	P0700303-022	0.01	0.004	1	NA	03/30/07 14:50	ND	
MW-20-2	P0700303-023	0.01	0.004	1	NA	03/30/07 14:50	ND	
MW-20-1	P0700303-024	0.01	0.004	1	NA	03/30/07 14:50	ND	
DUPE-3-1Q07	P0700303-025	0.01	0.004	1	NA	03/30/07 14:50	ND	
EB-4-3/30/07	P0700303-026	0.01	0.004	1	NA	03/30/07 14:50	ND	
Method Blank	P0700303-MB	0.01	0.004	1	NA	03/27/07 15:10	ND	
Method Blank	P0700303-MB	0.01	0.004	1	NA	03/28/07 15:05	ND	
Method Blank	P0700303-MB	0.01	0.004	1	NA	03/29/07 15:50	ND	
Method Blank	P0700303-MB	0.01	0.004	1	NA	03/30/07 14:50	ND	

Approved By _____ Date : 4/4/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700303
Project:	JPL Groundwater Monitoring 1Q07	**Date Analyzed:**	03/27/07

Title: Initial and Continuing Calibration Blank (ICB and CCB) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	PQL	MDL	Result
ICB	0.01	0.004	ND
CCB1	0.01	0.004	ND

Approved By: _____ Date: 4/4/07

ICCBMDL/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Battelle
Project: JPL Groundwater Monitoring 1Q07

Service Request: P0700303
Date Analyzed: 03/27/07

Title: Initial and Continuing Calibration Verification (ICV and CCV) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	True Value	Result	Percent Recovery	Acceptance Criteria
ICV	0.0387	0.0404	104	90-110
CCV1	0.0387	0.0379	98	90-110

Approved By: _____ Date: 4/4/07

CCV1A/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client :	Battelle	**Service Request :**	P0700303
Project Name :	JPL Groundwater Monitoring 1Q07	**Date Collected :**	NA
Project Number :	NA	**Date Received :**	NA
Sample Matrix :	WATER	**Date Extracted :**	NA
		Date Analyzed :	03/27/07

Laboratory Control Sample Summary
Inorganic Parameters

Sample Name :	Laboratory Control Sample	Units :	mg/L (ppm)
Lab Code :	P0700303-LCS	Basis :	NA
Test Notes :			

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Chromium, Hexavalent	None	7196A	0.0400	0.0387	97	90-110	
Chromium, Hexavalent	None	7196A	0.0400	0.0402	101	90-110	
Chromium, Hexavalent	None	7196A	0.0400	0.0385	96	90-110	
Chromium, Hexavalent	None	7196A	0.0400	0.0389	97	90-110	

Approved By Sue Anderson Date : 4/4/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Battelle
Project Name : JPL Groundwater Monitoring 1Q07
Project Number : NA
Sample Matrix : WATER

Service Request : P0700303
Date Collected : 03/27/07
Date Received : 03/27/07
Date Extracted : NA
Date Analyzed : 03/27/07

Matrix Spike/Duplicate Matrix Spike Summary

Sample Name : MW-21-1
Lab Code : P0700303-005MS P0700303-005DMS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Prep Method	Analysis Method	PQL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Spike Recovery MS	Spike Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Chromium, Hexavalent	None	7196A	0.01	0.0500	0.0500	ND	0.0488	0.0522	98	104	85-115	7	

Approved By Sue Anderson Date : 4/4/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700303
Project:	JPL Groundwater Monitoring 1Q07	**Date Analyzed:**	03/28/07

Title: Initial and Continuing Calibration Blank (ICB and CCB) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	PQL	MDL	Result
ICB	0.01	0.004	ND
CCB1	0.01	0.004	ND

Approved By: _____ Date: 4/4/07

ICCBMDL/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Battelle
Project: JPL Groundwater Monitoring 1Q07

Service Request: P0700303
Date Analyzed: 03/28/07

Title: Initial and Continuing Calibration Verification (ICV and CCV) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	True Value	Result	Percent Recovery	Acceptance Criteria
ICV	0.0387	0.0385	99	90-110
CCV1	0.0387	0.0376	97	90-110

Approved By: _____ Date: 4/4/07

CCV1A/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Battelle
Project Name : JPL Groundwater Monitoring 1Q07
Project Number : NA
Sample Matrix : WATER

Service Request : P0700303
Date Collected : 03/28/07
Date Received : 03/28/07
Date Extracted : NA
Date Analyzed : 03/28/07

Matrix Spike/Duplicate Matrix Spike Summary

Sample Name : MW-14-3
Lab Code : P0700303-007MS P0700303-007DMS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Prep Method	Analysis Method	PQL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Spike Recovery MS	Spike Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Chromium, Hexavalent	None	7196A	0.01	0.0500	0.0500	ND	0.0550	0.0498	110	100	85-115	10	

Approved By Joe Anderson Date : 4/4/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700303
Project:	JPL Groundwater Monitoring 1Q07	**Date Analyzed:**	03/29/07

Title: Initial and Continuing Calibration Blank (ICB and CCB) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	PQL	MDL	Result
ICB	0.01	0.004	ND
CCB1	0.01	0.004	ND
CCB2	0.01	0.004	ND

Approved By: _____ Date: 4/4/07

ICCBMDL/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700303
Project:	JPL Groundwater Monitoring 1Q07	**Date Analyzed:**	03/29/07

Title: Initial and Continuing Calibration Verification (ICV and CCV) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	True Value	Result	Percent Recovery	Acceptance Criteria
ICV	0.0387	0.0402	104	90-110
CCV1	0.0387	0.0385	99	90-110
CCV2	0.0387	0.0394	102	90-110

Approved By: Sue Anderson Date: 4/4/07

CCV1A/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Battelle
Project Name : JPL Groundwater Monitoring 1Q07
Project Number : NA
Sample Matrix : WATER

Service Request : P0700303
Date Collected : 03/29/07
Date Received : 03/29/07
Date Extracted : NA
Date Analyzed : 03/29/07

Matrix Spike/Duplicate Matrix Spike Summary

Sample Name : MW-17-4
Lab Code : P0700303-011MS P0700303-011DMS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Prep Method	Analysis Method	PQL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Spike Recovery MS	Spike Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Chromium, Hexavalent	None	7196A	0.01	0.0500	0.0500	ND	0.0504	0.0487	101	97	85-115	3	

Approved By _____ Date : 4/4/07

Report By: RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Battelle
Project: JPL Groundwater Monitoring 1Q07

Service Request: P0700303
Date Analyzed: 03/30/07

Title: Initial and Continuing Calibration Blank (ICB and CCB) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	PQL	MDL	Result
ICB	0.01	0.004	ND
CCB1	0.01	0.004	ND
CCB2	0.01	0.004	ND

Approved By: Sue Anderson Date: 4/4/07

ICCBMDL/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700303
Project:	JPL Groundwater Monitoring 1Q07	**Date Analyzed:**	03/30/07

Title: Initial and Continuing Calibration Verification (ICV and CCV) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	True Value	Result	Percent Recovery	Acceptance Criteria
ICV	0.0387	0.0380	98	90-110
CCV1	0.0387	0.0380	98	90-110
CCV2	0.0387	0.0380	98	90-110

Approved By: Sue Anderson Date: 4/4/07

CCV1A/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Battelle
Project Name : JPL Groundwater Monitoring 1Q07
Project Number : NA
Sample Matrix : WATER

Service Request : P0700303
Date Collected : 03/30/07
Date Received : 03/30/07
Date Extracted : NA
Date Analyzed : 03/30/07

Matrix Spike/Duplicate Matrix Spike Summary

Sample Name : MW-20-3
Lab Code : P0700303-022MS P0700303-022DMS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Prep Method	Analysis Method	PQL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Spike Recovery MS	Spike Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Chromium, Hexavalent	None	7196A	0.01	0.0500	0.0500	ND	0.0496	0.0487	99	97	85-115	2	

Approved By _____ Date : 4/4/07

Report By:RWONG

DIVIDER SHEET

ANALYTICAL DATA FOR

Hexavalent Chromium

ANALYSIS

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Battelle
Project Name : JPL Groundwater Monitoring 1Q07
Project Number : G486090
Sample Matrix : WATER

Service Request : P0700321
Date Collected : 04/02-06/07
Date Received : 04/02-06/07

Chromium, Hexavalent

Prep Method : None
Analysis Method : 7196A
Test Notes :

Units : mg/L (ppm)
Basis : NA

Sample Name	Lab Code	MRL	MDL	Dilution Factor	Date Extracted	Date/Time Analyzed	Result	Result Notes
MW-3-4	P0700321-001	0.01	0.004	1	NA	04/02/07 17:10	ND	
MW-3-3	P0700321-002	0.01	0.004	1	NA	04/02/07 17:10	ND	
MW-3-2	P0700321-003	0.01	0.004	1	NA	04/02/07 17:10	ND	
EB-5-4/2/07	P0700321-004	0.01	0.004	1	NA	04/02/07 17:10	ND	
MW-4-3	P0700321-005	0.01	0.004	1	NA	04/03/07 16:25	ND	
MW-4-2	P0700321-006	0.01	0.004	1	NA	04/03/07 16:25	ND	
MW-4-1	P0700321-007	0.01	0.004	1	NA	04/03/07 16:25	ND	
EB-6-4/3/07	P0700321-008	0.01	0.004	1	NA	04/03/07 16:25	ND	
MW-11-3	P0700321-009	0.01	0.004	1	NA	04/03/07 16:25	ND	
MW-11-2	P0700321-010	0.01	0.004	1	NA	04/03/07 16:25	ND	
MW-11-1	P0700321-011	0.01	0.004	1	NA	04/03/07 16:25	ND	
MW-23-4	P0700321-012	0.01	0.004	1	NA	04/04/07 16:50	ND	
MW-23-3	P0700321-013	0.01	0.004	1	NA	04/04/07 16:50	ND	
MW-23-2	P0700321-014	0.01	0.004	1	NA	04/04/07 16:50	ND	
MW-23-1	P0700321-015	0.01	0.004	1	NA	04/04/07 16:50	ND	
EB-7-4/4/07	P0700321-016	0.01	0.004	1	NA	04/04/07 16:50	ND	
MW-12-3	P0700321-017	0.01	0.004	1	NA	04/04/07 16:50	ND	
MW-12-2	P0700321-018	0.01	0.004	1	NA	04/04/07 16:50	ND	
MW-12-1	P0700321-019	0.01	0.004	1	NA	04/04/07 16:50	ND	
MW-24-4	P0700321-020	0.01	0.004	1	NA	04/05/07 17:55	0.006	J
MW-24-3	P0700321-021	0.01	0.004	1	NA	04/05/07 17:55	ND	
MW-24-2	P0700321-022	0.01	0.004	1	NA	04/05/07 17:55	ND	
MW-24-1	P0700321-023	0.01	0.004	1	NA	04/05/07 17:55	0.015	
DUPE-5-1Q07	P0700321-024	0.01	0.004	1	NA	04/05/07 17:55	ND	
EB-8-4/5/07	P0700321-025	0.01	0.004	1	NA	04/05/07 17:55	ND	
MW-22-3	P0700321-026	0.01	0.004	1	NA	04/06/07 13:45	ND	
MW-22-2	P0700321-027	0.01	0.004	1	NA	04/06/07 13:45	ND	
MW-22-1	P0700321-028	0.01	0.004	1	NA	04/06/07 13:45	ND	
DUPE-6-1Q07	P0700321-029	0.01	0.004	1	NA	04/06/07 13:45	ND	
EB-9-4/6/07	P0700321-030	0.01	0.004	1	NA	04/06/07 13:45	ND	

J Estimated concentration. The result is less than the PQL but greater than the MDL.

Approved By Sue Anderson Date : 4/16/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Battelle
Project Name : JPL Groundwater Monitoring 1Q07
Project Number : G486090
Sample Matrix : WATER

Service Request : P0700321
Date Collected : 04/02-06/07
Date Received : 04/02-06/07

Chromium, Hexavalent

Prep Method : None
Analysis Method : 7196A
Test Notes :

Units : mg/L (ppm)
Basis : NA

Sample Name	Lab Code	MRL	MDL	Dilution Factor	Date Extracted	Date/Time Analyzed	Result	Result Notes
Method Blank	P0700321-MB	0.01	0.004	1	NA	04/02/07 17:10	ND	
Method Blank	P0700321-MB	0.01	0.004	1	NA	04/03/07 16:25	ND	
Method Blank	P0700321-MB	0.01	0.004	1	NA	04/04/07 16:50	ND	
Method Blank	P0700321-MB	0.01	0.004	1	NA	04/05/07 17:55	ND	
Method Blank	P0700321-MB	0.01	0.004	1	NA	04/06/07 13:45	ND	

Approved By Sue Anderson 22 Date : 4/16/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700321
Project:	JPL Groundwater Monitoring 1Q07/G486090	**Date Analyzed:**	04/02/07

Title: Initial and Continuing Calibration Blank (ICB and CCB) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	PQL	MDL	Result
ICB	0.01	0.004	ND
CCB1	0.01	0.004	ND

Approved By: _____ Date: 4/16/07

!CCBMDL/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700321
Project:	JPL Groundwater Monitoring 1Q07/G486090	**Date Analyzed:**	04/02/07

Title: Initial and Continuing Calibration Verification (ICV and CCV) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	True Value	Result	Percent Recovery	Acceptance Criteria
ICV	0.0301	0.0292	97	90-110
CCV1	0.0301	0.0292	97	90-110

Approved By: _____ Date: 4/16/07

CCV1A/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client :	Battelle	**Service Request :**	P0700321
Project Name :	JPL Groundwater Monitoring 1Q07	**Date Collected :**	NA
Project Number :	G486090	**Date Received :**	NA
Sample Matrix :	WATER	**Date Extracted :**	NA
		Date Analyzed :	04/02/07

Laboratory Control Sample Summary
Inorganic Parameters

Sample Name :	Laboratory Control Sample	Units :	mg/L (ppm)
Lab Code :	P0700321-LCS	Basis :	NA
Test Notes :			

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Chromium, Hexavalent	None	7196A	0.0400	0.0378	95	90-110	
Chromium, Hexavalent	None	7196A	0.0400	0.0405	101	90-110	
Chromium, Hexavalent	None	7196A	0.0400	0.0400	100	90-110	
Chromium, Hexavalent	None	7196A	0.0400	0.0389	97	90-110	
Chromium, Hexavalent	None	7196A	0.0400	0.0425	106	90-110	

Approved By Sue Anderson 25 Date : 4/16/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client :	Battelle	**Service Request :**	P0700321
Project Name :	JPL Groundwater Monitoring 1Q07	**Date Collected :**	04/02/07
Project Number :	G486090	**Date Received :**	04/02/07
Sample Matrix :	WATER	**Date Extracted :**	NA
		Date Analyzed :	04/02/07

Matrix Spike/Duplicate Matrix Spike Summary

Sample Name : MW-3-3
Lab Code : P0700321-002MS P0700321-002DMS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Prep Method	Analysis Method	MRL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Spike Recovery MS	Spike Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Chromium, Hexavalent	None	7196A	0.01	0.0500	0.0500	ND	0.0465	0.0465	93	93	85-115	<1	

Approved By Sue Anderson 26 Date : 4/16/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700321
Project:	JPL Groundwater Monitoring 1Q07/G486090	**Date Analyzed:**	04/03/07

Title: Initial and Continuing Calibration Blank (ICB and CCB) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	PQL	MDL	Result
ICB	0.01	0.004	ND
CCB1	0.01	0.004	ND
CCB2	0.01	0.004	ND

Approved By: _____ Date: 4/16/07

ICCBMDL/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Battelle
Project: JPL Groundwater Monitoring 1Q07/G486090

Service Request: P0700321
Date Analyzed: 04/03/07

Title: Initial and Continuing Calibration Verification (ICV and CCV) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	True Value	Result	Percent Recovery	Acceptance Criteria
ICV	0.0301	0.0294	98	90-110
CCV1	0.0301	0.0284	94	90-110
CCV2	0.0301	0.0294	98	90-110

Approved By: _____ Date: 4/16/07

CCV1A/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client :	Battelle	**Service Request :**	P0700321
Project Name :	JPL Groundwater Monitoring 1Q07	**Date Collected :**	04/03/07
Project Number :	G486090	**Date Received :**	04/03/07
Sample Matrix :	WATER	**Date Extracted :**	NA
		Date Analyzed :	04/03/07

Matrix Spike/Duplicate Matrix Spike Summary

Sample Name : MW-4-3
Lab Code : P0700321-005MS P0700321-005DMS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Prep Method	Analysis Method	MRL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Spike Recovery MS	Spike Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Chromium, Hexavalent	None	7196A	0.01	0.0500	0.0500	ND	0.0456	0.0476	91	95	85-115	4	

Approved By _____ Date : 4/16/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client :	Battelle	**Service Request :**	P0700321
Project Name :	JPL Groundwater Monitoring 1Q07	**Date Collected :**	04/03/07
Project Number :	G486090	**Date Received :**	04/03/07
Sample Matrix :	WATER	**Date Extracted :**	NA
		Date Analyzed :	04/03/07

Matrix Spike/Duplicate Matrix Spike Summary

Sample Name :	MW-11-3		Units :	mg/L (ppm)
Lab Code :	P0700321-009MS	P0700321-009DMS	Basis :	NA
Test Notes :				

Analyte	Prep Method	Analysis Method	MRL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Spike Recovery MS	Spike Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Chromium, Hexavalent	None	7196A	0.01	0.0500	0.0500	ND	0.0486	0.0496	97	99	85-115	2	

Approved By  Date : 4/16/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700321
Project:	JPL Groundwater Monitoring 1Q07/G486090	**Date Analyzed:**	04/04/07

Title: Initial and Continuing Calibration Blank (ICB and CCB) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	PQL	MDL	Result
ICB	0.01	0.004	ND
CCB1	0.01	0.004	ND
CCB2	0.01	0.004	ND

Approved By: _____ Date: 4/16/07

ICCBMDL/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700321
Project:	JPL Groundwater Monitoring 1Q07/G486090	**Date Analyzed:**	04/04/07

Title: Initial and Continuing Calibration Verification (ICV and CCV) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	True Value	Result	Percent Recovery	Acceptance Criteria
ICV	0.0301	0.0293	97	90-110
CCV1	0.0301	0.0293	97	90-110
CCV2	0.0301	0.0293	97	90-110

Approved By: _____ Date: 4/16/07

CCV1A/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client :	Battelle	**Service Request :**	P0700321
Project Name :	JPL Groundwater Monitoring 1Q07	**Date Collected :**	04/04/07
Project Number :	G486090	**Date Received :**	04/04/07
Sample Matrix :	WATER	**Date Extracted :**	NA
		Date Analyzed :	04/04/07

Matrix Spike/Duplicate Matrix Spike Summary

Sample Name : MW-23-3
Lab Code : P0700321-013MS P0700321-013DMS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Prep Method	Analysis Method	MRL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Spike Recovery MS	Spike Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Chromium, Hexavalent	None	7196A	0.01	0.0500	0.0500	ND	0.0507	0.0507	101	101	85-115	<1	

Approved By Sue Anderson 33 Date : 4/16/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700321
Project:	JPL Groundwater Monitoring 1Q07/G486090	**Date Analyzed:**	04/05/07

Title: Initial and Continuing Calibration Blank (ICB and CCB) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	PQL	MDL	Result
ICB	0.01	0.004	ND
CCB1	0.01	0.004	ND
CCB2	0.01	0.004	ND
CCB3	0.01	0.004	ND

Approved By: _____ Date: 4/16/07

ICCBMDL/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700321
Project:	JPL Groundwater Monitoring 1Q07/G486090	**Date Analyzed:**	04/05/07

Title: Initial and Continuing Calibration Verification (ICV and CCV) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	True Value	Result	Percent Recovery	Acceptance Criteria
ICV	0.0301	0.0317	105	90-110
CCV1	0.0301	0.0308	102	90-110
CCV2	0.0301	0.0272	90	90-110
CCV3	0.0301	0.0272	90	90-110

Approved By: _____ Date: 4/16/07

CCV1A/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client :	Battelle	**Service Request :**	P0700321
Project Name :	JPL Groundwater Monitoring 1Q07	**Date Collected :**	04/05/07
Project Number :	G486090	**Date Received :**	04/05/07
Sample Matrix :	WATER	**Date Extracted :**	NA
		Date Analyzed :	04/05/07

Matrix Spike/Duplicate Matrix Spike Summary

Sample Name : MW-24-4
Lab Code : P0700321-020MS P0700321-020DMS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Prep Method	Analysis Method	MRL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Spike Recovery MS	Spike Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Chromium, Hexavalent	None	7196A	0.01	0.0500	0.0500	0.00553	0.0479	0.0470	85	83	85-115	2	E1

E1 See case narrative.

Approved By Sue Anderson 36 Date : 4/16/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700321
Project:	JPL Groundwater Monitoring 1Q07/G486090	**Date Analyzed:**	04/06/07

Title: Initial and Continuing Calibration Blank (ICB and CCB) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	PQL	MDL	Result
ICB	0.01	0.004	ND
CCB1	0.01	0.004	ND

Approved By: Sue Anderson Date: 4/16/07

ICCBMDL/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700321
Project:	JPL Groundwater Monitoring 1Q07/G486090	**Date Analyzed:**	04/06/07

Title: Initial and Continuing Calibration Verification (ICV and CCV) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	True Value	Result	Percent Recovery	Acceptance Criteria
ICV	0.0301	0.0324	108	90-110
CCV1	0.0301	0.0315	105	90-110

Approved By: Sue Anderson Date: 4/16/07

CCV1A/120594

QA/QC Report

Client :	Battelle	**Service Request :**	P0700321
Project Name :	JPL Groundwater Monitoring 1Q07	**Date Collected :**	04/06/07
Project Number :	G486090	**Date Received :**	04/06/07
Sample Matrix :	WATER	**Date Extracted :**	NA
		Date Analyzed :	04/06/07

Matrix Spike/Duplicate Matrix Spike Summary

Sample Name :	MW-22-3		Units :	mg/L (ppm)
Lab Code :	P0700321-026MS	P0700321-026DMS	Basis :	NA
Test Notes :				

Analyte	Prep Method	Analysis Method	MRL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Spike Recovery MS	Spike Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Chromium, Hexavalent	None	7196A	0.01	0.0500	0.0500	ND	0.0462	0.0490	92	98	85-115	6	

Approved By Sue Anderson 39 Date : 4/16/07

Report By:RWONG

DIVIDER SHEET

ANALYTICAL DATA FOR

Hexavalent Chromium

ANALYSIS

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Battelle
Project Name : JPL Groundwater Monitoring 1Q07
Project Number : G486090
Sample Matrix : WATER

Service Request : P0700347
Date Collected : 04/09-16/07
Date Received : 04/09-16/07

Chromium, Hexavalent

Prep Method : None
Analysis Method : 7196A
Test Notes :

Units : mg/L (ppm)
Basis : NA

Sample Name	Lab Code	PQL	MDL	Dilution Factor	Date Extracted	Date/Time Analyzed	Result	Result Notes
MW-25-5	P0700347-001	0.01	0.004	1	NA	04/09/07 14:25	ND	
MW-25-4	P0700347-002	0.01	0.004	1	NA	04/09/07 14:25	ND	
MW-25-3	P0700347-003	0.01	0.004	1	NA	04/09/07 14:25	ND	
MW-25-2	P0700347-004	0.01	0.004	1	NA	04/09/07 14:25	ND	
MW-25-1	P0700347-005	0.01	0.004	1	NA	04/09/07 14:25	ND	
EB-10-4/9/07	P0700347-006	0.01	0.004	1	NA	04/09/07 14:25	ND	
MW-26-2	P0700347-007	0.01	0.004	1	NA	04/10/07 14:10	ND	
MW-26-1	P0700347-008	0.01	0.004	1	NA	04/10/07 14:10	ND	
EB-11-4/10/07	P0700347-009	0.01	0.004	1	NA	04/10/07 14:10	ND	
MW-13	P0700347-010	0.01	0.004	1	NA	04/11/07 17:45	0.041	
MW-16	P0700347-011	0.01	0.004	1	NA	04/11/07 17:45	ND	
DUPE-7-1Q07	P0700347-012	0.01	0.004	1	NA	04/11/07 17:45	ND	
MW-7	P0700347-013	0.01	0.004	1	NA	04/12/07 14:45	0.005	J
MW-8	P0700347-014	0.01	0.004	1	NA	04/12/07 14:45	ND	
MW-5	P0700347-015	0.01	0.004	1	NA	04/13/07 15:30	ND	
MW-10	P0700347-016	0.01	0.004	1	NA	04/13/07 15:30	ND	
MW-6	P0700347-017	0.01	0.004	1	NA	04/16/07 15:40	ND	
MW-15	P0700347-018	0.01	0.004	1	NA	04/16/07 15:40	ND	
DUPE-8-1Q07	P0700347-019	0.01	0.004	1	NA	04/16/07 15:40	ND	
Method Blank	P0700347-MB	0.01	0.004	1	NA	04/09/07 14:25	ND	
Method Blank	P0700347-MB	0.01	0.004	1	NA	04/10/07 14:10	ND	
Method Blank	P0700347-MB	0.01	0.004	1	NA	04/11/07 17:45	ND	
Method Blank	P0700347-MB	0.01	0.004	1	NA	04/12/07 14:45	ND	
Method Blank	P0700347-MB	0.01	0.004	1	NA	04/13/07 15:30	ND	
Method Blank	P0700347-MB	0.01	0.004	1	NA	04/16/07 15:40	ND	

J Estimated concentration. The result is less than the PQL but greater than the MDL.

Approved By _____ Date : 4/27/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700347
Project:	JPL Groundwater Monitoring 1Q07/G486090	**Date Analyzed:**	04/09/07

Title: Initial and Continuing Calibration Blank (ICB and CCB) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	PQL	MDL	Result
ICB	0.01	0.004	ND
CCB1	0.01	0.004	ND

Approved By: _____ Date: 4/27/07

ICCBMDL/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700347
Project:	JPL Groundwater Monitoring 1Q07/G486090	**Date Analyzed:**	04/09/07

Title: Initial and Continuing Calibration Verification (ICV and CCV) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	True Value	Result	Percent Recovery	Acceptance Criteria
ICV	0.0301	0.0291	97	90-110
CCV1	0.0301	0.0291	97	90-110

Approved By: Sue Anderson Date: 4/27/07

CCV1A/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client :	Battelle	**Service Request :**	P0700347
Project Name :	JPL Groundwater Monitoring 1Q07	**Date Collected :**	NA
Project Number :	G486090	**Date Received :**	NA
Sample Matrix :	WATER	**Date Extracted :**	NA
		Date Analyzed :	04/09/07

Laboratory Control Sample Summary
Inorganic Parameters

Sample Name :	Laboratory Control Sample	Units :	mg/L (ppm)
Lab Code :	P0700347-LCS	Basis :	NA
Test Notes :			

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	CAS Percent Recovery Acceptance Limits	Result Notes
Chromium, Hexavalent	None	7196A	0.0400	0.0374	94	90-110	
Chromium, Hexavalent	None	7196A	0.0400	0.0390	98	90-110	
Chromium, Hexavalent	None	7196A	0.0400	0.0419	105	90-110	
Chromium, Hexavalent	None	7196A	0.0400	0.0393	98	90-110	
Chromium, Hexavalent	None	7196A	0.0400	0.0369	92	90-110	
Chromium, Hexavalent	None	7196A	0.0400	0.0377	94	90-110	

J Estimated concentration. The result is less than the PQL but greater than the MDL.

Approved By Sue Anderson Date : 4/27/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Battelle
Project Name : JPL Groundwater Monitoring 1Q07
Project Number : G486090
Sample Matrix : WATER

Service Request : P0700347
Date Collected : 04/09/07
Date Received : 04/09/07
Date Extracted : NA
Date Analyzed : 04/09/07

Matrix Spike/Duplicate Matrix Spike Summary

Sample Name : MW-25-5
Lab Code : P0700347-001MS P0700347-001DMS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Prep Method	Analysis Method	PQL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Spike Recovery MS	Spike Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Chromium, Hexavalent	None	7196A	0.01	0.0500	0.0500	ND	0.0436	0.0436	87	87	85-115	<1	

Approved By _____ Date : 4/27/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Battelle
Project: JPL Groundwater Monitoring 1Q07/G486090

Service Request: P0700347
Date Analyzed: 04/10/07

Title: Initial and Continuing Calibration Blank (ICB and CCB) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	PQL	MDL	Result
ICB	0.01	0.004	ND
CCB1	0.01	0.004	ND

Approved By: _____ Date: 4/27/07

ICCBMDL/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700347
Project:	JPL Groundwater Monitoring 1Q07/G486090	**Date Analyzed:**	04/10/07

Title: Initial and Continuing Calibration Verification (ICV and CCV) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	True Value	Result	Percent Recovery	Acceptance Criteria
ICV	0.0301	0.0293	97	90-110
CCV1	0.0301	0.0284	94	90-110

Approved By: _____ Date: 4/27/07

CCV1A/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Battelle
Project Name : JPL Groundwater Monitoring 1Q07
Project Number : G486090
Sample Matrix : WATER

Service Request : P0700347
Date Collected : 04/10/07
Date Received : 04/10/07
Date Extracted : NA
Date Analyzed : 04/10/07

Matrix Spike/Duplicate Matrix Spike Summary

Sample Name : MW-26-2
Lab Code : P0700347-007MS P0700347-007DMS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Prep Method	Analysis Method	PQL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Spike Recovery MS	Spike Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Chromium, Hexavalent	None	7196A	0.01	0.0500	0.0500	ND	0.0468	0.0487	94	97	85-115	4	

Approved By _____ Date : 4/27/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700347
Project:	JPL Groundwater Monitoring 1Q07/G486090	**Date Analyzed:**	04/11/07

Title: Initial and Continuing Calibration Blank (ICB and CCB) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	PQL	MDL	Result
ICB	0.01	0.004	ND
CCB1	0.01	0.004	ND

Approved By: _____ Date: 4/27/07

ICCBMDL/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Battelle
Project: JPL Groundwater Monitoring 1Q07/G486090

Service Request: P0700347
Date Analyzed: 04/11/07

Title: Initial and Continuing Calibration Verification (ICV and CCV) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	True Value	Result	Percent Recovery	Acceptance Criteria
ICV	0.0301	0.0299	99	90-110
CCV1	0.0301	0.0316	105	90-110

Approved By: _____ Date: 4/27/07

CCV1A/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Battelle
Project Name : JPL Groundwater Monitoring 1Q07
Project Number : G486090
Sample Matrix : WATER

Service Request : P0700347
Date Collected : 04/11/07
Date Received : 04/11/07
Date Extracted : NA
Date Analyzed : 04/11/07

Matrix Spike/Duplicate Matrix Spike Summary

Sample Name : MW-13
Lab Code : P0700347-010MS P0700347-010DMS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Prep Method	Analysis Method	PQL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Spike Recovery MS	Spike Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Chromium, Hexavalent	None	7196A	0.01	0.0500	0.0500	0.0411	0.0868	0.0877	91	93	85-115	1	

Approved By _____ Date : 4/27/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700347
Project:	JPL Groundwater Monitoring 1Q07/G486090	**Date Analyzed:**	04/12/07

Title: Initial and Continuing Calibration Blank (ICB and CCB) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	PQL	MDL	Result
ICB	0.01	0.004	ND
CCB1	0.01	0.004	ND

Approved By: _____ Date: 4/27/07

ICCBMDL/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700347
Project:	JPL Groundwater Monitoring 1Q07/G486090	**Date Analyzed:**	04/12/07

Title: Initial and Continuing Calibration Verification (ICV and CCV) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	True Value	Result	Percent Recovery	Acceptance Criteria
ICV	0.0301	0.0295	98	90-110
CCV1	0.0301	0.0286	95	90-110

Approved By: _____ Date: 4/27/07

CCV1A/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Battelle
Project Name : JPL Groundwater Monitoring 1Q07
Project Number : G486090
Sample Matrix : WATER

Service Request : P0700347
Date Collected : 04/12/07
Date Received : 04/12/07
Date Extracted : NA
Date Analyzed : 04/12/07

Matrix Spike/Duplicate Matrix Spike Summary

Sample Name : MW-8
Lab Code : P0700347-014MS P0700347-014DMS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Prep Method	Analysis Method	PQL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Spike Recovery MS	Spike Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Chromium, Hexavalent	None	7196A	0.01	0.0500	0.0500	ND	0.0465	0.0483	93	97	85-115	4	

Approved By _____ Date : 4/27/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700347
Project:	JPL Groundwater Monitoring 1Q07/G486090	**Date Analyzed:**	04/13/07

Title: Initial and Continuing Calibration Blank (ICB and CCB) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	PQL	MDL	Result
ICB	0.01	0.004	ND
CCB1	0.01	0.004	ND

Approved By: _____ Date: 4/27/07

ICCBMDL/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Battelle	**Service Request:**	P0700347
Project:	JPL Groundwater Monitoring 1Q07/G486090	**Date Analyzed:**	04/13/07

Title: Initial and Continuing Calibration Verification (ICV and CCV) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	True Value	Result	Percent Recovery	Acceptance Criteria
ICV	0.0301	0.0294	98	90-110
CCV1	0.0301	0.0304	101	90-110

Approved By: _____ Date: 4/27/07

CCV1A/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Battelle
Project Name : JPL Groundwater Monitoring 1Q07
Project Number : G486090
Sample Matrix : WATER

Service Request : P0700347
Date Collected : 04/13/07
Date Received : 04/13/07
Date Extracted : NA
Date Analyzed : 04/13/07

Matrix Spike/Duplicate Matrix Spike Summary

Sample Name : MW-10
Lab Code : P0700347-016MS P0700347-016DMS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Prep Method	Analysis Method	PQL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Spike Recovery MS	Spike Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Chromium, Hexavalent	None	7196A	0.01	0.0500	0.0500	ND	0.0529	0.0520	106	104	85-115	2	

Approved By Joe Anderson Date : 4/27/07

Report By:RWONG

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Battelle
Project: JPL Groundwater Monitoring 1Q07/G486090

Service Request: P0700347
Date Analyzed: 04/16/07

Title: Initial and Continuing Calibration Blank (ICB and CCB) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	PQL	MDL	Result
ICB	0.01	0.004	ND
CCB1	0.01	0.004	ND

Approved By: Sue Anderson Date: 4/27/07

ICCBMDL/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Battelle
Project: JPL Groundwater Monitoring 1Q07/G486090

Service Request: P0700347
Date Analyzed: 04/16/07

Title: Initial and Continuing Calibration Verification (ICV and CCV) Summary
Analyte: Chromium, Hexavalent
Method: 7196A
Units: mg/L (ppm)

Sample Name	True Value	Result	Percent Recovery	Acceptance Criteria
ICV	0.0301	0.0287	95	90-110
CCV1	0.0301	0.0297	99	90-110

Approved By: _____ Date: 4/27/07

CCV1A/120594

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Battelle
Project Name : JPL Groundwater Monitoring 1Q07
Project Number : G486090
Sample Matrix : WATER

Service Request : P0700347
Date Collected : 04/16/07
Date Received : 04/16/07
Date Extracted : NA
Date Analyzed : 04/16/07

Matrix Spike/Duplicate Matrix Spike Summary

Sample Name : MW-6
Lab Code : P0700347-017MS P0700347-017DMS
Test Notes :

Units : mg/L (ppm)
Basis : NA

Analyte	Prep Method	Analysis Method	PQL	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Spike Recovery MS	Spike Recovery DMS	CAS Acceptance Limits	Relative Percent Difference	Result Notes
Chromium, Hexavalent	None	7196A	0.01	0.0500	0.0500	ND	0.0468	0.0478	94	96	85-115	2	

Approved By Sue Anderson Date : 4/27/07

Report By:RWONG